

FEDERAL SECURITY AGENCY

OSCAR R. EWING, ADMINISTRATOR  
*Secretary*



PUBLIC HEALTH SERVICE

LEONARD A. SCHEELE, SURGEON GENERAL

# VITAL STATISTICS OF THE UNITED STATES

1948

## PART I

NATALITY AND MORTALITY DATA FOR THE UNITED STATES  
TABULATED BY PLACE OF OCCURRENCE WITH  
SUPPLEMENTAL TABLES FOR HAWAII  
PUERTO RICO, VIRGIN ISLANDS  
AND ALASKA

PREPARED UNDER THE SUPERVISION OF  
HALBERT L. DUNN, M. D.  
*Chief, National Office of Vital Statistics*

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# NATIONAL OFFICE OF VITAL STATISTICS

HALBERT L. DUNN, M. D., *Chief*

ROBERT D. GROVE, *Principal Analyst*

IWAO M. MORIYAMA, *Mortality Analysis*

SAM SHAPIRO, *Natality Analysis*

THOMAS N. E. GREVILLE, *Actuarial Analysis*

SAMUEL C. NEWMAN, *Marriage and Divorce Analysis*

HAZEL V. AUNE, *National Consulting Service*

FRANK S. MORRISON, *International Vital Statistics Cooperation*

HOWARD WEST, *Statistical Processing*

ALBERT BAILEY, *Special Assistant to the Chief*

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|---|--------|
| Class or item not applicable (3 dots) -----   | ...    |
| Data not available (series of dashes) -----   | ---    |
| Quantity is zero, in frequency tables (1 dash) -----                                    | -      |
| Quantity is zero, in rate or percent tables (1 cipher) -----                            | 0      |
| If rate or percent is more than 0, but less than 0.05 -----                             | 0.0    |
| If both frequency and population base are zero in rate or percent tables (1 dash) ----- | -      |

# VITAL STATISTICS OF THE UNITED STATES

## PART I. GEOGRAPHIC CLASSIFICATION BY PLACE OF OCCURRENCE

### Introduction

#### HISTORY

#### Death-Registration States, 1900-1950

This volume—Vital Statistics of the United States, Part I—contains official natality, mortality, stillbirth, life table, marriage, and divorce statistics for the calendar year 1948. Supplemental tabulations for Hawaii, Puerto Rico, the Virgin Islands, and Alaska are also included. Although tests of completeness of birth and death registration in Alaska have not been made, it is believed that the reported statistics are useful and deserve publication.

Except for certain text tables, the data in this volume are classified by place of occurrence of vital events. Part II of this annual report series presents detailed statistics of live births and stillbirths by place of residence of the mother of the child, and of deaths by place of residence of the decedent.

#### SOURCE OF DATA

#### Birth, death, and stillbirth statistics

All live birth, death, and stillbirth tabulations made by the National Office of Vital Statistics are based on information from transcripts or microfilm copies of the original certificates. They are received from registration offices of all States, certain cities, the District of Columbia, and of most of the outlying territories and possessions of the United States. The form and content of the original certificates are determined by each registration office and, therefore, vary in certain details. However, they conform very closely in most essential respects to the recommended standard certificates.

#### Diseases for United States

Marriage tabulations are based on reports from registration offices of some States, from local officials of others, from the District of Columbia, and from most of the outlying territories and possessions of the United States. For States or areas from which no data on marriages are available, marriage licenses are used as the nearest approximation to the number of marriages.

Divorce statistics are based on annual reports from registration offices of some States and from other sources in a few States, with annulments included in some reports.<sup>1</sup> No figures on divorces and/or annulments are available from a varying number of States each year. Divorce totals for the United States, as well as for several States, are estimated.<sup>2</sup>

<sup>1</sup>For discussion of annulments, see "Underreporting of annulments" and table 6 in "Provisional Marriage and Divorce Statistics: United States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 31, No. 16, pp. 225 and 226, 1949.

<sup>2</sup>For further explanation of source of data and methods of estimating State and national figures, *ibid.*, pp. 226-227.

The first birth and death statistics published by the Federal Government concerned events in 1850 and were for the entire United States. These statistics were based on information collected during the decennial census of that year. Similar decennial collections were made by census enumerators at each census up to and including the census of 1900, but because of the time interval between the occurrence of a birth or a death and the census enumeration, these reports were inaccurate and incomplete. In 1880, the Bureau of the Census established a national "registration area" for deaths. This original area consisted of only two States—Massachusetts and New Jersey—the District of Columbia, and several large cities having efficient systems for the registration of deaths, but by 1900 eight other States had been admitted. For the years 1880, 1890, and 1900, mortality data were received from the States and cities included in this expanding area, but birth and death figures for the entire country were still compiled from the reports of census enumerators.

The annual collection of mortality statistics for the registration area began with the calendar year 1900. In 1902, the Bureau of the Census, which had previously functioned only in census years, was made a permanent agency by an act of Congress. This act authorized the Director of the Bureau of the Census to obtain, annually, copies of records filed in the vital statistics offices of those States and cities having adequate death-registration systems. At that time not all States had enacted laws requiring the registration of deaths, and in many States the existing laws were poorly enforced. The important dates in the historical development of birth and death registration in various States and the year in which each State was admitted to the national registration areas are given in table A.

The death-registration area for 1900 consisted of 10 States, the District of Columbia, and a number of cities located in nonregistration States. The registration area in 1900 included 40.5 percent of the population of the continental United States. The original registration area was predominantly urban and characterized by a high proportion of white persons. If those reporting cities located in nonregistration States are excluded, the population coverage of the death-registration States is much lower, representing 26.2 percent of the total population of the United States.

Inasmuch as it is more difficult to obtain accurate and complete registration of births as compared with deaths, the national birth-registration area was not established until 1915, and no birth statistics were published by the Bureau of the Census from 1900 to 1914. The original birth-registration area of 1915 consisted of 10 States and the District of Columbia. The growth of this area is indicated in tables A and B.

The gradual increase in number of both the birth- and death-registration States is shown in table B, which presents for

each year through 1933 the estimated midyear population of the continental United States and the estimated midyear population of those States included in the registration system. Since 1933, the birth- and death-registration areas have included all 48 States.

Prior to 1940, most of the national mortality tabulations published by the Bureau of the Census were based on data collected from the registration areas, but beginning with 1940 all published material given in statistical series for the United States prior to the completion of the death-registration area in 1933 omits data for registration cities located in nonregistration States, and includes only findings for the registration States. This change decreases the mortality statistics coverage of the United States by the exclusion of cities in nonregistration States, but it has its advantages in that more reliable population estimates are available for the registration States than for the registration areas. No change in cov-

erage has been made for natality statistics since the birth-registration area at no time included cities in nonregistration States.

Because of the growth of the areas for which data have been collected and tabulated, it is impossible to obtain a national series of geographically comparable data prior to 1933. However, rates for the expanding groups of registration States are approximations to complete national rates, and general comparisons over a long period of years are made. More exact trends for parts of the United States can be secured through the use of some constant area, such as the original registration States, or the registration States of 1920. The crude birth and death rates, infant mortality rates, and still-birth ratios for the registration States, the geographic divisions, and the individual States for a series of years are given in tables I through VIII. Rates or ratios by place of occurrence and place of residence are given in separate tables.

TABLE A.—IMPORTANT DATES IN THE HISTORY OF BIRTH AND DEATH REGISTRATION: UNITED STATES

| AREA                 | FIRST STATE REGISTRATION LAW ENACTED |        | ENACTMENT OF PRESENT LAW (MODEL OR CONFORMING TO MODEL LAW) | RECORDS ON FILE FOR ENTIRE STATE |        | ADMITTED TO REGISTRATION AREA |        |
|----------------------|--------------------------------------|--------|---|----------------------------------|--------|-------------------------------|--------|
|                      | Deaths                               | Births |   | Deaths and births                | Deaths | Births                        | Deaths |
|                      | Alabama                              | 1861   | 1891  | 1919                             | 1908   | 1908                          | 1925   |
| Arizona              | 1909                                 | 1909   | 1909  | 1909                             | 1909   | 1926                          | 1926   |
| Arkansas             | 1881                                 | 1881   | 1913  | 1914                             | 1914   | 1927                          | 1927   |
| California           | 1853                                 | 1877   | 1915  | 1905                             | 1905   | 1906                          | 1919   |
| Colorado             | 1876                                 | 1876   | 1907  | 1907                             | 1907   | 1906                          | 1928   |
| Connecticut          | 1852                                 | 1852   | 1905  | 1897                             | 1897   | 1890                          | 1915   |
| Delaware             | 1861                                 | 1861   | 1913  | 1881                             | 1881   | 1919                          | 1921   |
| District of Columbia | 1874                                 | 1871   | 1907  | 1855                             | 1871   | 1880                          | 1915   |
| Florida              | 1899                                 | 1899   | 1915  | 1877                             | 1865   | 1919                          | 1924   |
| Georgia              | 1875                                 | 1823   | 1927  | 1919                             | 1919   | 1928                          | 1928   |
| Idaho                | 1907                                 | 1907   | 1911  | 1911                             | 1911   | 1922                          | 1926   |
| Illinois             | 1877                                 | 1877   | 1915  | 1916                             | 1916   | 1918                          | 1922   |
| Indiana              | 1881                                 | 1907   | 1913  | 1900                             | 1907   | 1900                          | 1917   |
| Iowa                 | 1880                                 | 1880   | 1921  | 1880                             | 1890   | 1923                          | 1924   |
| Kansas               | 1885                                 | 1885   | 1911  | 1911                             | 1911   | 1914                          | 1917   |
| Kentucky             | 1861                                 | 1861   | 1911  | 1911                             | 1911   | 1911                          | 1917   |
| Louisiana            | 1855                                 | 1855   | 1918  | 1889                             | 1870   | 1918                          | 1927   |
| Maine                | 1821                                 | 1821   | 1892  | 1892                             | 1892   | 1900                          | 1915   |
| Maryland             | 1880                                 | 1880   | 1912  | 1898                             | 1898   | 1906                          | 1916   |
| Massachusetts        | 1840                                 | 1840   | 1903  | 1850                             | 1850   | 1890                          | 1915   |
| Michigan             | 1867                                 | 1867   | 1925  | 1867                             | 1867   | 1900                          | 1915   |
| Minnesota            | 1870                                 | 1870   | 1907  | 1900                             | 1900   | 1910                          | 1915   |
| Mississippi          | 1878                                 | 1878   | 1912  | 1912                             | 1912   | 1919                          | 1921   |
| Missouri             | 1881                                 | 1891   | 1909  | 1910                             | 1910   | 1911                          | 1927   |
| Montana              | 1895                                 | 1895   | 1907  | 1907                             | 1907   | 1910                          | 1922   |
| Nebraska             | 1905                                 | 1905   | 1927  | 1905                             | 1905   | 1920                          | 1920   |
| Nevada               | 1911                                 | 1911   | 1929  | 1911                             | 1911   | 1929                          | 1929   |
| New Hampshire        | 1850                                 | 1850   | 1881  | 1881                             | 1881   | 1890                          | 1915   |
| New Jersey           | 1848                                 | 1848   | 1920  | 1848                             | 1848   | 1890                          | 1921   |
| New Mexico           | 1907                                 | 1907   | 1929  | 1919                             | 1919   | 1929                          | 1929   |
| New York             | 1847                                 | 1847   | 1913  | 1880                             | 1880   | 1890                          | 1915   |
| North Carolina       | 1877                                 | 1877   | 1913  | 1914                             | 1914   | 1916                          | 1917   |
| North Dakota         | 1899                                 | 1899   | 1907  | 1908                             | 1908   | 1924                          | 1924   |
| Ohio                 | 1867                                 | 1867   | 1908  | 1908                             | 1909   | 1909                          | 1917   |
| Oklahoma             | 1907                                 | 1907   | 1917  | 1907                             | 1917   | 1928                          | 1928   |
| Oregon               | 1903                                 | 1903   | 1915  | 1903                             | 1903   | 1918                          | 1919   |
| Pennsylvania         | 1851                                 | 1851   | 1905  | 1806                             | 1906   | 1906                          | 1915   |
| Rhode Island         | 1850                                 | 1850   | 1911  | 1852                             | 1852   | 1890                          | 1921   |
| South Carolina       | 1878                                 | 1878   | 1914  | 1915                             | 1915   | 1916                          | 1929   |
| South Dakota         | 1905                                 | 1905   | 1931  | 1905                             | 1905   | 1930                          | 1932   |
| Tennessee            | 1861                                 | 1861   | 1913  | 1914                             | 1914   | 1917                          | 1927   |
| Texas                | 1873                                 | 1873   | 1927  | 1903                             | 1903   | 1933                          | 1933   |
| Utah                 | 1898                                 | 1898   | 1905  | 1905                             | 1905   | 1910                          | 1917   |
| Vermont              | 1856                                 | 1856   | 1906  | 1857                             | 1857   | 1890                          | 1915   |
| Virginia             | 1853                                 | 1853   | 1912  | 1912                             | 1912   | 1913                          | 1917   |
| Washington           | 1891                                 | 1891   | 1907  | 1907                             | 1907   | 1908                          | 1917   |
| West Virginia        | 1866                                 | 1866   | 1921  | 1917                             | 1917   | 1925                          | 1925   |
| Wisconsin            | 1852                                 | 1852   | 1907  | 1850                             | 1840   | 1908                          | 1917   |
| Wyoming              | 1907                                 | 1907   | 1907  | 1909                             | 1909   | 1922                          | 1922   |
| Hawaii               | ---                                  | ---    | ---   | 1896                             | 1896   | 1917                          | 1929   |
| Puerto Rico          | ---                                  | ---    | ---   | 1899                             | 1899   | 1932                          | 1943   |
| Virgin Islands       | ---                                  | ---    | ---   | 1919                             | 1919   | 1924                          | 1924   |

TABLE B.—GROWTH OF THE BIRTH- AND DEATH-REGISTRATION AREAS: UNITED STATES

(Beginning with 1933 and each succeeding year, areas include entire continental United States)

| YEAR | Estimated midyear population of continental United States <sup>1</sup> | BIRTH-REGISTRATION STATES |                              |                   | DEATH-REGISTRATION STATES |                              |                   |
|------|--|---------------------------|------------------------------|-------------------|---------------------------|------------------------------|-------------------|
|      |  | Number of States          | Estimated midyear population |                   | Number of States          | Estimated midyear population |                   |
|      |  |                           | Number                       | Per-cent of total |                           | Number                       | Per-cent of total |
| 1933 | 125,578,763  | 48                        | 125,578,763                  | 100.0             | 48                        | 125,578,763                  | 100.0             |
| 1932 | 124,840,471  | 47                        | 118,903,899                  | 95.2              | 47                        | 118,903,899                  | 95.2              |
| 1931 | 124,039,648  | 46                        | 117,455,229                  | 94.7              | 47                        | 118,148,987                  | 95.3              |
| 1930 | 123,076,741  | 46                        | 116,544,946                  | 94.7              | 47                        | 117,238,278                  | 95.3              |
| 1929 | 121,769,939  | 46                        | 115,317,450                  | 94.7              | 46                        | 115,317,450                  | 94.7              |
| 1928 | 120,501,115  | 44                        | 113,636,160                  | 94.3              | 44                        | 113,636,160                  | 94.3              |
| 1927 | 119,038,062  | 40                        | 104,320,630                  | 87.6              | 42                        | 107,084,532                  | 90.0              |
| 1926 | 117,399,225  | 35                        | 90,400,590                   | 77.0              | 41                        | 103,822,685                  | 88.4              |
| 1925 | 115,831,963  | 33                        | 86,294,564                   | 74.6              | 40                        | 102,031,555                  | 88.1              |
| 1924 | 114,113,463  | 33                        | 87,000,295                   | 76.2              | 39                        | 99,318,098                   | 87.0              |
| 1923 | 111,949,945  | 30                        | 81,072,123                   | 72.4              | 38                        | 96,789,197                   | 86.5              |
| 1922 | 110,054,778  | 30                        | 79,580,746                   | 72.3              | 37                        | 92,702,901                   | 84.2              |
| 1921 | 108,541,469  | 27                        | 70,807,090                   | 65.2              | 34                        | 87,814,447                   | 80.9              |
| 1920 | 106,466,420  | 23                        | 63,587,307                   | 59.7              | 34                        | 86,079,263                   | 80.9              |
| 1919 | 104,512,110  | 22                        | 61,212,076                   | 58.6              | 33                        | 85,187,992                   | 79.6              |
| 1918 | 103,202,801  | 20                        | 55,153,782                   | 53.4              | 30                        | 79,008,412                   | 76.6              |
| 1917 | 103,265,913  | 20                        | 55,197,952                   | 53.5              | 27                        | 70,234,775                   | 68.0              |
| 1916 | 101,965,984  | 11                        | 32,944,013                   | 32.3              | 26                        | 66,971,177                   | 65.7              |
| 1915 | 100,549,013  | 10                        | 31,096,697                   | 30.9              | 24                        | 61,694,847                   | 61.6              |
| 1914 | 99,117,567   | ---                       | ---                          | ---               | 24                        | 60,963,309                   | 61.5              |
| 1913 | 97,226,614   | ---                       | ---                          | ---               | 23                        | 59,156,740                   | 59.8              |
| 1912 | 95,331,300   | ---                       | ---                          | ---               | 22                        | 54,847,700                   | 57.5              |
| 1911 | 93,667,814   | ---                       | ---                          | ---               | 22                        | 53,929,644                   | 57.5              |
| 1910 | 92,406,536   | ---                       | ---                          | ---               | 20                        | 47,470,457                   | 51.4              |
| 1909 | 90,491,525   | ---                       | ---                          | ---               | 18                        | 44,223,513                   | 48.9              |
| 1908 | 88,708,976   | ---                       | ---                          | ---               | 17                        | 38,634,759                   | 43.6              |
| 1907 | 87,000,271   | ---                       | ---                          | ---               | 15                        | 34,552,037                   | 39.7              |
| 1906 | 85,436,556   | ---                       | ---                          | ---               | 15                        | 33,782,268                   | 39.5              |
| 1905 | 83,819,666   | ---                       | ---                          | ---               | 10                        | 21,767,980                   | 26.0              |
| 1904 | 82,164,974   | ---                       | ---                          | ---               | 10                        | 21,332,076                   | 26.0              |
| 1903 | 80,632,152   | ---                       | ---                          | ---               | 10                        | 20,943,222                   | 26.0              |
| 1902 | 79,160,196   | ---                       | ---                          | ---               | 10                        | 20,582,907                   | 26.0              |
| 1901 | 77,585,128   | ---                       | ---                          | ---               | 10                        | 20,237,453                   | 26.1              |
| 1900 | 76,094,134   | ---                       | ---                          | ---               | 10                        | 19,965,446                   | 26.2              |
| 1890 | 62,947,714   | ---                       | ---                          | ---               | 8                         | 19,689,440                   | 31.2              |
| 1880 | 45,155,785   | ---                       | ---                          | ---               | 2                         | 8,536,366                    | 17.0              |

<sup>1</sup>Population enumerated in the Federal census of May 31.

NOTE.—In every year the District of Columbia is in both areas but is not included in the "Number of States."

### Major Cardiovascular-Renal

The earliest Federal statistics on marriages and divorces in the United States were collected in a field survey by the Commissioner of Labor, covering the 20-year period 1867 to 1886. A survey covering the next 20 years, and single-year collections for 1916 and for each year from 1922 to 1932 were made by the Bureau of the Census. In all these studies, marriage statistics were confined to numbers of occurrences, by county, with considerable incompleteness for the first 20 years. Divorce data were considered practically complete, and included detailed statistics on such items as legal grounds ("causes"), duration of marriage prior to divorce, etc.

In 1940, the Bureau of the Census, through its Vital Sta-

tistics Division, undertook a new program of marriage and divorce statistics, following the pattern used for birth and death statistics. Transcripts of marriage and divorce records were collected, chiefly from those States which could provide them through their State offices of vital statistics. For the first time, the Federal program provided some detailed statistics on marriages, more than mere numbers of occurrences. However, the data were for fewer than 30 States. Some detailed statistics on divorces were obtained for 6 to 12 States. Marriage data for 1939 and 1940 were published, as well as divorce data for 1939. This program was discontinued, owing to war conditions. Meanwhile, numbers or estimated numbers of occurrences by State were obtained and published for the years 1937 to 1940.

Beginning in 1944, the Bureau of the Census, at first through its Population Division and later through its Vital Statistics Division, resumed efforts to provide numbers of occurrences. This program has been continued by the former Vital Statistics Division, designated the National Office of Vital Statistics since its transfer to the Public Health Service in 1946.<sup>3</sup> In addition to numbers of occurrences, some detailed data for a group of States are being compiled for 1948.

Table C summarizes some of the preceding discussion, and shows the source of the 1867 to 1948 national marriage and divorce totals.

## METHOD OF CLASSIFICATION

### Malignant Neoplasms

The geographic code<sup>4</sup> used in the tabulation of live birth, stillbirth, and death data published in this report gives a separate identifying number to each city having, in 1940, a population of 10,000 or more, and to certain towns, townships, and districts which under special rules are classified as urban. The places classified as urban under special rules are of two types. One type is limited to the States of New Hampshire, Massachusetts, and Rhode Island. It is made up of towns (townships) in which there is a village or thickly settled area having more than 2,500 inhabitants and comprising, either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town. In this report, only those towns of this type having 10,000 inhabitants or more are shown. A second type is made up of townships and other political subdivisions (not incorporated as municipalities, nor containing areas so incorporated) with a total population of 10,000 or more and a population density of 1,000 or more per square mile. The geographic code also gives a separate number to each county. Although villages and cities having populations of less than 10,000 are not individually identified, urban places of 2,500 to 10,000 as a group and the remainder of the county (places under 2,500 and rural area) are tabulated separately. The classification of urban places used in the 1948 tabulations was based on their populations enumerated in the 1940 census, as of April 1.

The annual birth and death data prior to 1930 were tabulated in two groups: (1) urban places of 10,000 inhabitants or more and (2) urban places with fewer than 10,000 inhab-

<sup>3</sup>For specific references to published reports of earlier surveys, see "Historical note on earlier studies" and footnotes in "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 27, No. 10, pp. 171-172, 1947.

<sup>4</sup>National Office of Vital Statistics, "Instruction Manual, Part IV, Geographic Code," geographic classification used in coding and tabulating vital statistics data, 1947 edition, 272 pp.

TABLE C.—SOURCE OF UNITED STATES MARRIAGE AND DIVORCE TOTALS, 1867-1948

| YEAR      | Source of marriage totals  | Source of divorce totals  |
|-----------|--|---|
| 1867-86   | Estimates published in 1947 by National Office of Vital Statistics, from incomplete data of survey by Commissioner of Labor, published in 1939.          | Figures collected (with detailed data) by Commissioner of Labor, published in 1939.                       |
| 1887-1906 | Estimates published in 1947 by National Office of Vital Statistics, from data of nearly complete survey by Bureau of the Census, published in 1908-1909. | Figures collected (with detailed data) by Bureau of the Census, published in 1908-1909.                   |
| 1907-15   | Estimates published in 1928 by Bureau of the Census, from records of selected States.  | (Same as marriage.)   |
| 1916      | Figures collected by Bureau of the Census, published in 1919.  | Figures collected (with detailed data) by Bureau of the Census, published in 1919.                        |
| 1917-21   | Estimates published in 1928 by Bureau of the Census, from records of selected States.  | (Same as marriage.)   |
| 1922-32   | Figures collected each year and published in annual reports by Bureau of the Census.   | Figures collected (with detailed data) each year and published in annual reports by Bureau of the Census. |
| 1933-36   | Estimates by S. A. Stouffer and L. M. Spencer (American Journal of Sociology, January 1939); also includes 1937 estimates, not used here.                | (Same as marriage.)   |
| 1937-40   | Estimates published in 1942 by Bureau of the Census, from nearly complete survey.  | (Same as marriage.)   |
| 1941-43   | Estimates published in 1946 by National Office of Vital Statistics, from records of selected States.   | (Same as marriage.)   |
| 1944-48   | Figures published annually by National Office of Vital Statistics, from surveys of States and of selected counties.                                      | Estimates published annually by National Office of Vital Statistics, from records of selected States.     |

itants and rural areas. These population-size groupings do not correspond with those defined as urban and rural in the 1910, 1920, 1930, and 1940 population censuses. Therefore, in order to give annual data that could be more closely related to the population data, it was necessary to further divide the data into two groups: (1) urban places with populations between 2,500 and 10,000 and (2) rural areas. By combining the urban places of 2,500 to 10,000 with urban places of 10,000 or more, figures could be obtained for urban places that were comparable with those of the 1930 and 1940 population censuses. Also, by combining data for urban places having populations between 2,500 and 10,000 with the rural figures, data comparable with those for places under 10,000 and rural areas as given in the vital statistics reports prior to 1930 could likewise be obtained.

Most of the natality and mortality tables published for the years 1930 to 1941 show at least three population-size groupings: urban places with populations of 10,000 or more, urban places with populations between 2,500 and 10,000, and rural areas; but some tables show the simple classifications "Urban" and "Rural." In those instances where the dichotomous classification is shown, "Rural" included all areas except urban places of 10,000 inhabitants or more. In the present volume the terms "Urban" and "Rural" refer to areas as defined by the population census of 1940, that is, urban places having 2,500 inhabitants or more and rural areas, respectively.

### Classification by race

Births and deaths are classified in detail by white, Negro, Indian, Chinese, Japanese, and a residual group of numerically minor races. In most tables such an extended classification is not justified and the racial divisions are "White," "Negro," and "Other." In tables where the main purpose is to isolate the major group, the classifications are simply "White" and "Nonwhite."

## International List of Causes of Death

The data in the mortality reports published by the National Office of Vital Statistics are tabulated according to the numbers and titles of the detailed International List of Causes of Death. The International List is revised decennially in order that the terminology by which deaths are classified may be consistent with advances in medical science and changes in diagnostic practice. The tabulations for 1948 are classified according to the fifth revision of the International List of Causes of Death adopted by the International Commission, which met in Paris in October 1938. Complete titles of this list, with the official numbers and subdivisions, are given in table IX.

In some tables it was necessary, because of space limitations, to abbreviate cause-of-death titles or to indicate the composition of groups of causes by giving only the list numbers. In such cases, reference may be made to table IX or to the 1938 revision of the "Manual of the International List of Causes of Death and Joint Causes of Death" for the complete titles. The manual also gives the main diseases or conditions included under each title.

## Joint Causes of Death

A large proportion of the death certificates filed annually in the United States report two or more diseases or conditions as causes of death. These multiple conditions or diseases are known as joint causes of death. General statistical practice requires that cases involving more than one cause of death be charged to a single cause rather than to a combination of causes, and it is necessary to employ a selection process to determine the one cause to be assigned. The method of selection used has an important effect upon the resulting statistics.

In the French edition of the International List (1900) which was adopted by the United States Government in 1902, certain principles for determining the single cause to be selected from the joint causes given were incorporated as a part of the general classification scheme. As an outgrowth of practices in this country following 1902, definite relationships among the various conditions represented by items in the International List were put into concrete form in the "Manual of Joint Causes of Death," first published in 1914, and revised in 1925 and 1933 to conform with successive revisions of the International List. The Manual of Joint Causes of Death used in conjunction with the fifth revision of the International List and published as a single volume is practically identical with that of 1933 with the exception of alterations required by changes in the International List itself. Changes in the Manual of Joint Causes of Death have been kept to a minimum, since changes in these relationships tend to disrupt statistical continuity.

## Nativity classification

Early mortality reports published by the Bureau of the Census contained extensive tables showing nativity of the parents as well as nativity of the decedent, but the publication of these tables was discontinued in 1933. Mortality data showing nativity of decedent were again published in the annual reports for 1939 to 1941, when comparable population figures were available. These tables were discontinued in 1942. In the reports on birth statistics prior to 1937 more emphasis was placed upon country of birth of parents. Detailed tables showing specific country of birth of mother and of father, as well as more abridged classifications, have been published for each year through 1936. These data have been of historical importance in tracing the changing composition of the population of the United States. In recent years, however, the

number of births to foreign-born parents has become a relatively small proportion of the total. Accordingly, since 1937, birth tables showing nativity of parents have been eliminated or abridged. A continued decrease in the proportion of births to foreign-born parents has justified decreased emphasis on this classification.

## QUALIFYING FACTORS

While the data in this volume are useful for a variety of administrative and scientific purposes, they cannot be correctly interpreted unless cognizance is taken of various qualifying factors. Obviously the factors to be considered depend upon the specific purposes for which the data are to be used. It is not feasible to catalog all of the pertinent factors in the use of vital statistics tabulations, but a few of the more important should be mentioned.

Most of the factors limiting the use of vital statistics data arise from imperfections in the original material or from the impracticability of tabulating or using these data in very detailed categories. These defects should not be ignored, yet their existence does not vitiate the value of the data for most general purposes. Analysis of small differences or exact evaluation and interpretation of vital statistics requires careful study of many related elements. However, the trend of crude birth, death, marriage, and divorce rates, the increase or decrease in the number of deaths from selected causes, and the major differences in rates among States, are all facts that will not be materially changed by finer analysis.

In order to draw conclusions or inferences from differences between rates, it is necessary, particularly for areas of small populations, to take into account the number of births, deaths, marriages, or divorces on which these rates are based. Although all of the rates presented have been computed without regard to the size of the numbers involved, caution should be exercised in the interpretation of those based on small numbers since they are subject to variation in proportion to their magnitude. In all such cases, a test of statistical significance should always be applied before making even a tentative deduction from rate differences. Although it would be desirable to introduce into these tables statistical measures of significance, it was not deemed practicable to do so as the required degree of statistical reliability would differ with the uses of the data. A discussion of this problem, and a simple statistical test of significance, may be found in "The Registrar-General's Statistical Review of England and Wales."<sup>5</sup>

## Place of residence

Official national birth and death statistics and those published by most State and city agencies were once compiled according to the place of birth or death. Under this system of tabulation, the data are tabulated by the city, county, or State in which the birth or death occurred, irrespective of the usual place of residence of the mother of the child, or the usual place of residence of the decedent.

The difficulties involved in interpreting data obtained by this method of tabulation can be understood by considering the effect of movement of people on death rates. For example, the hospital facilities in a city may attract patients from surrounding areas and, as a result, many of the deaths occurring in this city will not be deaths of residents of this city. The enumerated population of the city does not, under such conditions, represent the number of persons exposed to the risk of death; and the death rate does not accurately describe the mortality conditions of this particular city.

<sup>5</sup>"The Registrar-General's Statistical Review of England and Wales, 1937," pp. 18-24, H. M. S. O., London, 1940.

A more correct figure is obtained by reallocating all deaths to the place of residence. Since there are many causes contributing to the movement of patients to some area other than their usual place of residence, it cannot be assumed that the direction of the movement is always from the rural to the urban areas. Similar nonresident factors affect the interpretation of birth statistics based upon place of occurrence. In order to determine the direction or the magnitude of the differences between rates based on births or deaths according to place of occurrence and those compiled according to place of residence, it is necessary to examine tabulations on both bases.

Most of the data given in this volume are tabulated according to place of occurrence, therefore, figures for individual cities and counties or for population groups frequently do not give an accurate indication of relative health and fertility conditions. However, for a larger area such as a State, the tabulations compiled on the two bases do not usually show a substantial difference. The tabulations by place of occurrence and by place of residence are identical for the total United States, because births and deaths of United States residents occurring outside the country and of foreign residents occurring in the country are not reallocated to country of residence.

A discussion of the differences between recorded and resident figures, with summary tables, will be found on pages XIII to XVII. Detailed tabulations of births and deaths by place of residence are given in "Vital Statistics of the United States, Part II."

All statistics of marriages and divorces shown in this volume have been tabulated by place of occurrence, i.e., the place in which the marriage was performed or in which the divorce was granted. The detailed information required to allocate marriages and divorces to place of residence is not available.

### Completeness of registration

Although every State has adopted a vital statistics law requiring the registration of all births and deaths, these laws are not uniformly observed. In most States where the registration organization is well established and where the persons responsible for filing certificates appreciate the value of registration to the individual as well as its value for statistical purposes, practically all births and deaths are registered. In other States, however, the underregistration is enough to affect the use of the tabulated data for certain purposes.

Detailed information on the completeness of death registration in each State is not available. One condition required for admission to the national registration areas was that there exist a demonstrated completeness of registration of at least 90 percent. Using this as a criterion, all of the States were admitted to the registration areas by 1933. Estimates of the completeness of registration by States, based on the comparison of vital statistics reports and enumerated census data, have been published elsewhere.<sup>6</sup> It is believed that death registration is more complete than birth registration.

The first Nation-wide test of completeness of birth registration was made by the Bureau of the Census in 1940. The records of all births registered during a 4-month period—December 1939 and January, February, and March, 1940—were matched with those of infants under 4 months enumerated in the population census as of April 1, 1940, and with those of infants born during these 4 months whose deaths were regis-

tered as occurring prior to April 1, 1940. Altogether, nearly one and a half million records were received for the test.<sup>7</sup>

As a result of the matching process and subsequent field checks of the unmatched records, it was found that the registration of births in the United States was 92.5 percent complete. As may be seen from table D, which presents data by

TABLE D.—PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY RACE: UNITED STATES, EACH DIVISION AND STATE, DECEMBER 1, 1939 TO MARCH 31, 1940

| AREA                 | All races | White | Nonwhite           |
|----------------------|-----------|-------|--------------------|
| UNITED STATES        | 92.5      | 94.0  | 82.0               |
| GEOGRAPHIC DIVISIONS |           |       |                    |
| New England          | 90.6      | 90.6  | 96.9               |
| Middle Atlantic      | 99.0      | 98.2  | 95.4               |
| East North Central   | 95.6      | 96.8  | 92.8               |
| West North Central   | 94.9      | 95.1  | 86.1               |
| South Atlantic       | 86.8      | 89.0  | 81.4               |
| East South Central   | 85.9      | 86.9  | 83.1               |
| West South Central   | 84.5      | 87.1  | 73.3               |
| Mountain             | 91.5      | 93.7  | 56.2               |
| Pacific              | 97.8      | 98.0  | 94.9               |
| NEW ENGLAND          |           |       |                    |
| Maine                | 96.1      | 96.3  | <sup>1</sup> 63.2  |
| New Hampshire        | 96.7      | 99.6  | <sup>1</sup> 100.0 |
| Vermont              | 97.3      | 97.3  | <sup>1</sup> 100.0 |
| Massachusetts        | 98.9      | 98.9  | 98.0               |
| Rhode Island         | 96.8      | 98.8  | <sup>1</sup> 100.0 |
| Connecticut          | 99.4      | 99.4  | 97.9               |
| MIDDLE ATLANTIC      |           |       |                    |
| New York             | 88.7      | 88.8  | 96.3               |
| New Jersey           | 99.0      | 99.0  | 98.7               |
| Pennsylvania         | 97.0      | 97.2  | 92.9               |
| EAST NORTH CENTRAL   |           |       |                    |
| Ohio                 | 95.2      | 95.3  | 93.7               |
| Indiana              | 96.5      | 96.6  | 94.0               |
| Illinois             | 96.9      | 97.3  | 90.6               |
| Michigan             | 97.8      | 97.9  | 94.0               |
| Wisconsin            | 96.9      | 96.9  | 93.2               |
| WEST NORTH CENTRAL   |           |       |                    |
| Minnesota            | 99.3      | 99.3  | 97.2               |
| Iowa                 | 94.6      | 94.7  | <sup>1</sup> 90.1  |
| Missouri             | 90.2      | 90.7  | 82.7               |
| North Dakota         | 94.7      | 94.6  | 95.2               |
| South Dakota         | 95.4      | 96.6  | 79.8               |
| Nebraska             | 96.9      | 97.0  | 93.1               |
| Kansas               | 95.5      | 95.6  | 92.9               |
| SOUTH ATLANTIC       |           |       |                    |
| Delaware             | 97.4      | 97.2  | 98.6               |
| Maryland             | 97.1      | 97.8  | 94.1               |
| District of Columbia | 97.9      | 98.5  | 96.6               |
| Virginia             | 91.8      | 92.5  | 90.2               |
| West Virginia        | 86.5      | 86.7  | 81.3               |
| North Carolina       | 86.1      | 88.4  | 81.0               |
| South Carolina       | 77.6      | 82.7  | 71.8               |
| Georgia              | 81.3      | 85.6  | 77.6               |
| Florida              | 89.9      | 91.3  | 86.4               |
| EAST SOUTH CENTRAL   |           |       |                    |
| Kentucky             | 89.2      | 89.2  | 87.6               |
| Tennessee            | 80.4      | 81.4  | 75.1               |
| Alabama              | 85.0      | 86.4  | 82.4               |
| Mississippi          | 89.8      | 93.8  | 86.2               |
| WEST SOUTH CENTRAL   |           |       |                    |
| Arkansas             | 75.9      | 79.6  | 63.2               |
| Louisiana            | 86.1      | 87.7  | 83.7               |
| Oklahoma             | 84.8      | 87.0  | 66.9               |
| Texas                | 86.5      | 89.3  | 68.7               |
| MOUNTAIN             |           |       |                    |
| Montana              | 97.6      | 98.0  | 91.1               |
| Idaho                | 95.0      | 95.1  | <sup>1</sup> 79.3  |
| Wyoming              | 95.6      | 95.9  | <sup>1</sup> 85.4  |
| Colorado             | 89.8      | 89.8  | <sup>1</sup> 90.4  |
| New Mexico           | 86.4      | 91.2  | 40.3               |
| Arizona              | 84.4      | 95.8  | 48.4               |
| Utah                 | 96.6      | 97.1  | <sup>1</sup> 59.6  |
| Nevada               | 96.2      | 97.5  | <sup>1</sup> 80.9  |
| PACIFIC              |           |       |                    |
| Washington           | 97.8      | 98.0  | 88.7               |
| Oregon               | 97.1      | 97.3  | <sup>1</sup> 84.1  |
| California           | 98.0      | 98.1  | 96.5               |

<sup>1</sup>Percentage is based on fewer than 100 records.

<sup>6</sup>Whelpton, P. K., "The Completeness of Birth Registration in the United States," Journal of the American Statistical Association, vol. XXIX, No. 186, pp. 125-136, June 1934.

Wilcox, Walter F., "Introduction to the Vital Statistics of the United States, 1900-1930," pp. 80, 81, 1935.

<sup>7</sup>Grove, Robert D., "Studies in Completeness of Birth Registration, Part I, Completeness of Birth Registration in the United States, December 1, 1939 to March 31, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 17, No. 18, 1943.

States and by race, there was great variation in the completeness of registration figures. The completeness of birth registration ranged from 75.9 percent in Arkansas and 77.6 percent in South Carolina to 99 percent or more in Connecticut, Minnesota, and New Jersey. Completeness of registration of births to white persons was 94.0 percent compared with 82.0 percent to nonwhite persons. The percentage of completeness for white births ranged from 79.6 percent in Arkansas to 99.4 in Connecticut. For nonwhite, completeness ranged from 40.3 percent in New Mexico to 98.7 percent in New Jersey. There were three States having a very small nonwhite population which showed 100 percent registration in the test.

The trend of the estimated percentage completeness of birth registration from 1935 to 1948, inclusive, for the entire United States, by race, is given in table E. These estimates are based on the results of the 1940 test and the indicated relationship between hospitalization and birth registration evidenced by that test.<sup>5</sup>

Central registration of marriages and of divorces is not required in all States, and no comprehensive study of the completeness of marriage and divorce registration in the United States has ever been made.

TABLE E.—ESTIMATED PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY RACE: UNITED STATES, 1935-48

| YEAR | PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION |       |          |
|------|---|-------|----------|
|      | All races                                     | White | Nonwhite |
| 1948 | 95.5  | 97.1  | 85.9     |
| 1947 | 95.5  | 97.0  | 85.3     |
| 1946 | 95.1  | 96.7  | 84.4     |
| 1945 | 94.5  | 96.3  | 83.3     |
| 1944 | 94.1  | 96.0  | 82.7     |
| 1943 | 93.9  | 95.6  | 82.3     |
| 1942 | 93.5  | 95.3  | 81.9     |
| 1941 | 92.8  | 94.5  | 81.6     |
| 1940 | 92.3  | 94.0  | 81.5     |
| 1939 | 91.9  | 93.6  | 81.1     |
| 1938 | 91.6  | 93.4  | 80.8     |
| 1937 | 91.3  | 93.1  | 80.4     |
| 1936 | 91.1  | 92.8  | 80.2     |
| 1935 | 90.7  | 92.4  | 79.9     |

## Crude rates

If crude death rates are used as an index of health conditions of a community, comparisons of rates for different States or cities are not strictly valid unless the age, sex, and racial compositions of the population of each area are taken into consideration. It is obvious that, if the population in one State is generally older than that in another, the crude death rate will be higher in the State having the older population, even though there is no significant difference in the age-specific death rates.

Similar considerations apply also to crude birth rates. For example, comparison of birth rates of one area having a certain proportion of women of childbearing age with the rates of another community having a different proportion would be erroneous if these rates were used as measures of fertility.

Various methods have been devised to compensate for differences in the population composition of the areas to be compared. A necessary element of all such methods is the computation of specific birth or death rates for each of the factors to be considered. While the natality and mortality tables in this volume are sufficiently detailed for the

<sup>5</sup>For method of estimation, see Moriyama, Iwao M., "Estimated Completeness of Birth Registration: United States, 1935 to 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 10, 1946.

most important of these computations, it is also essential to have the corresponding population figures for each separate age, sex, and racial group.

Crude marriage and divorce rates are likewise related to the total population, not to those segments actually exposed to the occurrence of these events. Their usefulness for analysis and interpretation is limited, because they do not take into account such factors as age composition, sex distribution, and marital status, and their changes over periods of time. Since no national data are available on the characteristics of persons being married or divorced, specific rates by age, race, etc., cannot be presented. The available crude rates serve mainly to indicate general trends.

## Population bases<sup>6</sup>

Large-scale population changes during the war and immediate postwar years necessitated adoption of special rules regarding the population bases used in computing vital statistics rates. The transfer overseas of several million men and the large-scale shifts of population within the continental United States precluded the computation of rates which are strictly comparable with rates for prewar years. In order to minimize these difficulties and to present rates that are most useful for comparative purposes, different population bases were selected for the various rates shown for the years 1940 to 1946.

Crude birth rates for these years for the United States as a whole are based on the total population of the country, including the armed forces overseas. Birth rates for each State are based on the civilian population present in the State. While not completely satisfactory, these rates seem to be most nearly comparable with national and State birth rates for preceding years.

Crude death rates for the continental United States for the years 1940 to 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas. Death rates for each State are based on the population, including military personnel, present in the State. These rates seem to be most nearly comparable with rates for prewar years, although they, too, involve certain limitations.

Crude marriage rates for the United States for 1940 to 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas primarily because no figures are available on marriages contracted overseas by members of this group. Crude rates for each State are based on the population present in the State, including military personnel stationed in the area, since the armed forces undoubtedly contributed to the total number of marriages in the States where they were stationed.

Crude divorce rates for the continental United States for the years 1940 to 1946 are based on the total population of the country, including the armed forces overseas, since it was considered likely that divorces involving members of the armed forces overseas were, for the most part, granted in this country. Crude divorce rates by State for 1940 to 1946 are based on the civilian population present in the area. The armed forces were excluded from the population base in computing the State rates because it did not appear likely that military personnel could have satisfied legal residence re-

<sup>6</sup>For a more detailed discussion of this problem with respect to birth and death rates, see "Vital Statistics of the United States, Part I, 1946," pp. VIII-X; with respect to marriage and divorce rates, see "Marriage and Divorce in the United States, 1937 to 1945," and "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 9, pp. 210 and 214, and vol. 27, No. 10, pp. 168-170, 1946 and 1947, respectively.

quirements for divorces in States where they were temporarily stationed. Also, lack of information precluded their allocation to their respective States of residence.

By 1947, demobilization of the armed forces was largely completed, and the military personnel overseas formed only 0.43 percent of the total United States population; in 1948, they constituted only 0.31 percent of the total population. Comparison of the July 1, 1947 and July 1, 1948 estimates of the civilian population in the States and of the total population present in the States (including the armed forces stationed in the area) shows that in 35 States the difference between the two figures was less than 1 percent. The difference exceeded 2 percent in only 2 areas (Florida and the District of Columbia) in 1947, and in only 1 area (District of Columbia) in 1948.

It is, therefore, of little significance to distinguish between the different estimated populations in computing birth, death, marriage, and divorce rates. Consequently, birth and divorce rates for 1947 and 1948 for the United States and for the individual States are based on the estimated population present in the respective areas. This procedure places the United States and individual State birth and divorce rates on the same base, and has the additional advantage of making all vital statistics rates (birth, death, marriage, and divorce) strictly comparable in this respect. Table F gives for each year, 1940 to 1948, the populations used in computing the birth, death, marriage, and divorce rates for the United States.

TABLE F.—ESTIMATED MIDYEAR POPULATIONS USED FOR COMPUTING BIRTH, DEATH, MARRIAGE, AND DIVORCE RATES: UNITED STATES, 1940-48

| YEAR | POPULATIONS USED FOR COMPUTING— |                         |                            |                           |
|------|---------------------------------|-------------------------|----------------------------|---------------------------|
|      | Birth rate <sup>1</sup>         | Death rate <sup>2</sup> | Marriage rate <sup>2</sup> | Divorce rate <sup>1</sup> |
| 1948 | 146,113,000                     | 146,113,000             | 146,113,000                | 146,113,000               |
| 1947 | 143,405,000                     | 143,405,000             | 143,405,000                | 143,405,000               |
| 1946 | 141,235,000                     | 139,899,000             | 139,899,000                | 141,235,000               |
| 1945 | 139,585,518                     | 132,018,525             | 132,018,525                | 139,585,518               |
| 1944 | 138,083,449                     | 132,552,005             | 132,552,005                | 138,083,449               |
| 1943 | 136,487,049                     | 133,966,319             | 133,966,319                | 136,487,049               |
| 1942 | 134,664,924                     | 133,770,500             | 133,770,500                | 134,664,924               |
| 1941 | 133,202,873                     | 133,060,045             | 133,060,045                | 133,202,873               |
| 1940 | 131,970,224                     | 131,954,144             | 131,954,144                | 131,970,224               |

<sup>1</sup>For 1947-48, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

<sup>2</sup>For 1940-48, excludes armed forces overseas.

## Population estimates

Since vital rates are ratios of the number of births, deaths, marriages, and divorces to population figures, accurate rates are partially dependent upon accurate population figures. Tabulations showing the number and composition of the population for States and local areas are available only for the years when regular decennial population censuses are taken. For intervening years, population estimates must be used.<sup>10</sup>

The annual estimates of the population of the United States for the postcensal period, July 1, 1940 to July 1, 1948, inclusive, are based on the 1940 census and on statistics of births, deaths, immigration, and emigration since the census date. The population present in the continental United States excludes members of the armed forces outside the continental shores on July 1 of each year. The total population of the United States employed in computing birth and divorce rates for the United States for the years 1940 to 1946 includes members of the armed forces overseas.

The estimates for States are based partly on ration book registration, partly on estimates of migration derived from school enrollment data, and partly on resident births and

<sup>10</sup>For discussion of population estimates for years prior to 1940, see "Vital Statistics of the United States, Part I, 1946," p. XIII.

resident deaths by States, since the last census. The civilian population estimates obtained in this manner provided the bases for deriving estimates of the population present in each State. The total population present in each State includes members of the armed forces stationed in each State but excludes the troops overseas.

Estimates of the midyear present-in-area population of the United States by age, race, and sex for 1940 to 1948, inclusive, relate to the population actually present in the continental United States. Since the age distribution of the armed forces abroad was estimated, the midyear population estimates of males of military age in the continental United States may not be as precise as those for other age groups. The estimates by age, race, and sex for the period 1940 to 1948 also contain an adjustment made on the age distribution of the nonwhite population 55 years and over as enumerated in the 1940 census. The 1940 census showed an excess of nonwhite enumerated as 65 years and over as compared with the number that might have been expected to survive from those 55 and over in 1930. The age group 55 to 64 years, on the other hand, showed a deficiency with respect to the expected survivors of those 45 to 54 in 1930. Therefore, the distribution of the nonwhite population 55 years and over among the component age groups was adjusted to a closer agreement with the distribution of these age groups in earlier censuses. The total 55 years and over was not altered in the process. Although defects in the age distribution of the white population were also observed, no adjustments were made because the adjustments would have been relatively small. No adjustment has been made for possible errors in reported ages at death.

All population figures used in computing rates were provided by the Bureau of the Census.

## INTERPRETATION OF CAUSE-OF-DEATH STATISTICS

Cause-of-death data given in this volume are classified according to the fifth revision of the International List of Causes of Death. The use of this list in the tabulation of data by all States, and by various countries, results in similar cause-of-death titles for the various publications. Unfortunately, this use of a standard classification list, although essential for regional comparisons, does not assure strict comparability of the tabulated figures. A high degree of comparability could be attained only if all of the data on cause of death were reported with equal accuracy and completeness. Since the medical certification of death can be made only by a qualified person, usually a physician or a coroner, the reliability and accuracy of cause-of-death statistics are, to a large extent, governed by the acumen and ability of the medical attendant to make the proper diagnosis and by the care with which the death certificate is filled out.

The quality of the basic data reported on the death certificates is, of course, of fundamental importance in the interpretation of cause-of-death statistics. Although a number of notable studies have been made of the accuracy of medical diagnoses, there is an unfortunate lack of national statistics on the subject. All of these investigations are extremely limited in scope since they are based upon comparisons of autopsy and clinical records in certain hospitals and pertain only to those cases that came up for post-mortem examinations. Despite the paucity of data regarding the accuracy of certification of death, the cause-of-death information given on the death certificate is, for the most part, probably fairly reliable.

One index of the quality of cause-of-death statistics is the proportion of death certificates coded International List numbers 199 and 200, which are the rubrics for ill-defined and unknown causes of death. This percentage indicates the care

and consideration given to the certification of cause of death by the attending physician. It may also be used as a rough measure of the specificity of the medical diagnoses made by the physicians in the various areas. In 1948, only 1.2 percent of all reported deaths were assigned to ill-defined or unknown causes.

The interpretation of data on cause of death is further qualified by the fact that, although in many instances the death is the result of a combination or sequence of causes, it is usually practicable to tabulate the death under one rubric only. This necessitates a choice of the primary cause from those given on the transcript of the death certificate. This selection of a primary cause is made according to rules given in the Manual of Joint Causes of Death. It is evident, however, that the effect of any such rules on the classification of deaths for specific causes will vary according to the completeness with which all the factors contributory to the death are reported. If a death is the result of several causes but only a single cause is given on the transcript, the Manual of Joint Causes of Death cannot, of course, be used. For this reason the omission of pertinent complicating factors or conditions contributing to the death

may result in an incorrect statistical assignment of cause.

Apart from the question of comparability between areas, there is the additional problem of comparability for a given area between years. To a certain extent, time-trend studies of causes of death would be facilitated if the International List were maintained without change over a long period of years. However, if the list were rigidly fixed, it would soon be inconsistent with current medical knowledge and terminology. To obtain the advantages of frequent revision, and yet to retain a fixed list for a number of years, revisions of the list are made at an international conference every 10 years. In the process of revision, some causes of death included under one title may be transferred to other titles. Definite discontinuities are introduced into the time trends of death rates for certain specific causes of death, as indicated by a study<sup>1</sup> on the comparability of titles in the 1929 and 1938 revisions of the International List.

<sup>1</sup>Dunn, Halbert L., and Shackley, William, "Comparison of Cause-of-Death Assignments by the 1929 and 1938 Revisions of the International List: Deaths in the United States, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 19, No. 14, 1944.

TABLE C.—BIRTHS TO NONRESIDENTS IN EACH STATE AND BIRTHS TO RESIDENTS IN OTHER STATES 1949  
(Exclusive of stillbirths)

| AREA                      | Total births in area | BIRTHS                  |                 |                   |                             |               |                 | Total births to residents |
|---------------------------|----------------------|-------------------------|-----------------|-------------------|-----------------------------|---------------|-----------------|---------------------------|
|                           |                      | To nonresidents in area |                 |                   | To residents in other areas |               |                 |                           |
|                           |                      | Total                   | From same State | From other States | Total                       | In same State | In other States |                           |
| UNITED STATES-----        | 3,535,069            | 1,319,454               | 1,230,366       | 89,089            | 1,319,454                   | 1,230,366     | 89,089          | 3,535,069                 |
| Alabama-----              | 84,694               | 24,108                  | 22,935          | 1,173             | 24,796                      | 22,935        | 1,861           | 85,372                    |
| Arizona-----              | 19,616               | 7,719                   | 6,794           | 925               | 7,098                       | 6,794         | 304             | 19,195                    |
| Arkansas-----             | 48,136               | 15,164                  | 15,503          | 1,661             | 15,064                      | 15,503        | 1,561           | 48,036                    |
| California-----           | 240,777              | 111,796                 | 109,860         | 1,936             | 111,721                     | 109,860       | 1,861           | 240,702                   |
| Colorado-----             | 35,569               | 12,275                  | 11,054          | 1,221             | 11,717                      | 11,054        | 663             | 35,010                    |
| Connecticut-----          | 41,199               | 17,247                  | 15,695          | 554               | 18,277                      | 16,693        | 1,584           | 42,229                    |
| Delaware-----             | 7,415                | 3,553                   | 3,067           | 486               | 3,594                       | 3,067         | 527             | 7,254                     |
| District of Columbia----- | 27,479               | 6,099                   | ...             | 6,099             | 1,424                       | ...           | 1,424           | 20,815                    |
| Florida-----              | 60,759               | 20,723                  | 18,261          | 2,442             | 19,565                      | 18,261        | 1,304           | 59,600                    |
| Georgia-----              | 92,533               | 29,695                  | 29,092          | 1,603             | 30,056                      | 29,092        | 1,964           | 92,694                    |
| Idaho-----                | 15,656               | 7,253                   | 6,729           | 524               | 7,749                       | 6,729         | 1,020           | 16,132                    |
| Illinois-----             | 161,234              | 65,593                  | 65,465          | 1,916             | 69,200                      | 65,465        | 5,555           | 164,871                   |
| Indiana-----              | 92,944               | 36,948                  | 36,282          | 2,666             | 38,533                      | 36,282        | 2,251           | 92,529                    |
| Iowa-----                 | 61,513               | 29,549                  | 27,115          | 2,434             | 29,611                      | 27,115        | 1,496           | 60,575                    |
| Kansas-----               | 41,967               | 16,761                  | 14,811          | 1,970             | 17,628                      | 14,811        | 2,817           | 42,714                    |
| Kentucky-----             | 77,192               | 21,112                  | 18,854          | 2,259             | 21,098                      | 18,854        | 2,244           | 77,176                    |
| Louisiana-----            | 75,039               | 24,169                  | 23,536          | 633               | 24,462                      | 23,536        | 926             | 75,312                    |
| Maine-----                | 21,698               | 8,416                   | 8,113           | 303               | 8,789                       | 8,113         | 676             | 22,071                    |
| Maryland-----             | 61,253               | 17,154                  | 15,893          | 3,261             | 19,524                      | 15,893        | 5,431           | 55,423                    |
| Massachusetts-----        | 97,966               | 39,799                  | 37,743          | 2,056             | 39,222                      | 37,743        | 1,477           | 97,399                    |
| Michigan-----             | 154,160              | 66,547                  | 65,390          | 1,167             | 67,117                      | 65,390        | 1,757           | 154,730                   |
| Minnesota-----            | 72,665               | 28,273                  | 26,471          | 1,802             | 28,998                      | 26,471        | 1,917           | 72,790                    |
| Mississippi-----          | 65,723               | 14,175                  | 12,707          | 1,468             | 15,755                      | 12,707        | 1,048           | 65,303                    |
| Missouri-----             | 96,983               | 33,059                  | 29,734          | 4,325             | 31,534                      | 29,734        | 2,600           | 95,258                    |
| Montana-----              | 14,795               | 5,039                   | 4,610           | 229               | 5,278                       | 4,610         | 469             | 15,035                    |
| Nebraska-----             | 31,079               | 12,703                  | 10,907          | 1,096             | 12,100                      | 10,907        | 1,193           | 31,176                    |
| Nevada-----               | 3,752                | 1,264                   | 1,064           | 200               | 1,206                       | 1,064         | 142             | 3,694                     |
| New Hampshire-----        | 12,783               | 4,851                   | 3,641           | 1,210             | 4,491                       | 3,641         | 850             | 12,423                    |
| New Jersey-----           | 94,714               | 51,767                  | 50,599          | 1,178             | 54,635                      | 50,599        | 4,044           | 97,580                    |
| New Mexico-----           | 20,632               | 5,845                   | 4,817           | 1,028             | 5,732                       | 4,817         | 915             | 20,519                    |
| New York-----             | 302,740              | 96,152                  | 92,595          | 3,557             | 95,378                      | 92,595        | 2,783           | 301,966                   |
| North Carolina-----       | 109,605              | 40,915                  | 38,989          | 1,924             | 40,738                      | 38,989        | 1,749           | 109,430                   |
| North Dakota-----         | 18,785               | 8,557                   | 7,199           | 1,158             | 8,156                       | 7,199         | 957             | 16,564                    |
| Ohio-----                 | 186,111              | 71,605                  | 68,132          | 3,473             | 71,947                      | 68,132        | 3,715           | 186,353                   |
| Oklahoma-----             | 49,736               | 17,597                  | 16,170          | 1,417             | 18,237                      | 16,170        | 2,067           | 50,366                    |
| Oregon-----               | 35,180               | 15,489                  | 14,313          | 1,176             | 15,515                      | 14,313        | 1,202           | 35,206                    |
| Pennsylvania-----         | 227,566              | 100,558                 | 96,318          | 4,017             | 100,196                     | 96,318        | 3,878           | 227,227                   |
| Rhode Island-----         | 17,202               | 7,925                   | 6,814           | 1,111             | 7,594                       | 6,814         | 770             | 16,861                    |
| South Carolina-----       | 58,124               | 16,491                  | 15,126          | 1,365             | 16,126                      | 15,126        | 1,000           | 57,799                    |
| South Dakota-----         | 16,344               | 7,183                   | 6,255           | 928               | 7,244                       | 6,255         | 989             | 16,406                    |
| Tennessee-----            | 84,153               | 27,359                  | 23,228          | 4,131             | 25,333                      | 23,228        | 2,107           | 82,127                    |
| Texas-----                | 196,347              | 47,695                  | 46,174          | 1,521             | 49,098                      | 46,174        | 2,924           | 197,750                   |
| Utah-----                 | 20,969               | 8,606                   | 8,061           | 525               | 8,551                       | 8,061         | 270             | 20,714                    |
| Vermont-----              | 9,006                | 4,154                   | 3,757           | 397               | 4,517                       | 3,757         | 760             | 9,369                     |
| Virginia-----             | 79,260               | 29,027                  | 25,507          | 3,520             | 31,824                      | 25,507        | 6,317           | 82,057                    |
| Washington-----           | 57,004               | 22,591                  | 20,251          | 2,340             | 21,420                      | 20,251        | 1,169           | 55,833                    |
| West Virginia-----        | 52,934               | 17,955                  | 15,161          | 2,794             | 17,417                      | 15,161        | 2,256           | 52,396                    |
| Wisconsin-----            | 80,825               | 36,232                  | 34,968          | 1,244             | 36,957                      | 34,968        | 1,948           | 81,630                    |
| Wyoming-----              | 7,286                | 1,823                   | 1,368           | 455               | 1,955                       | 1,368         | 587             | 7,418                     |

<sup>1</sup>Excludes 2,581 births which occurred in the city of Lynn; all of these births were to residents of Massachusetts. Statistical transcripts for these births were received at the National Office of Vital Statistics after tabulations were completed.

**EFFECT OF RESIDENCE ALLOCATION ON NATALITY STATISTICS**

Of the 3,535,068 live births registered in the United States in 1948, 2,215,614 occurred in the city or county in which the mother of the child usually resided; and 1,319,454, or 37.3 percent, were nonresident births as compared with 1,347,877, or 36.4 percent, in 1947. A large proportion of the nonresident births were to mothers who lived in rural areas or small cities and gave birth in more populous areas. Only a small percentage of the mothers who give birth elsewhere than in their usual place of residence cross State lines. In 1940, 6.3 percent of all nonresident births were to mothers from States other than the one in which the birth occurred. With the increased interstate population movement of the war period, however, the proportion increased slightly from year to year and was 8.4 percent in both 1944 and 1945. In 1946, it declined to 6.9 percent and in 1947 and 1948 to 6.8 percent. Only 2.5 percent of all births occurred in States other than the State of the mother's usual residence.

A summary of births in 1948, by place of occurrence and by place of residence, is given by States in table G. This table shows, for each State, the number of births registered as occurring within the State; the total number of nonresident births within the State, that is, the number of births occurring in cities or counties of which the mother was not a resident; the

TABLE H.—DIFFERENCE BETWEEN RESIDENT AND RECORDED BIRTHS: EACH STATE, 1948  
(Exclusive of stillbirths)

| AREA                      | DIFFERENCE |                         |
|---------------------------|------------|-------------------------|
|                           | Number     | Percentage <sup>1</sup> |
| UNITED STATES-----        | ...        | ...                     |
| Alabama-----              | -888       | -0.8                    |
| Arizona-----              | +821       | +3.2                    |
| Arkansas-----             | +100       | +0.2                    |
| California-----           | +75        | +0.0                    |
| Colorado-----             | +558       | +1.7                    |
| Connecticut-----          | -1,030     | -2.4                    |
| Delaware-----             | +159       | +2.2                    |
| District of Columbia----- | +6,664     | +32.0                   |
| Florida-----              | +1,158     | +1.9                    |
| Georgia-----              | -161       | -0.2                    |
| Iaho-----                 | -496       | -3.1                    |
| Illinois-----             | -3,637     | -2.0                    |
| Indiana-----              | +415       | +0.4                    |
| Iowa-----                 | +938       | +1.5                    |
| Kansas-----               | -847       | -2.0                    |
| Kentucky-----             | +16        | +0.0                    |
| Louisiana-----            | -273       | -0.4                    |
| Maine-----                | -573       | -1.7                    |
| Maryland-----             | -2,170     | -4.1                    |
| Massachusetts-----        | +577       | +0.6                    |
| Michigan-----             | -570       | -0.4                    |
| Minnesota-----            | -115       | -0.2                    |
| Mississippi-----          | +420       | +0.6                    |
| Missouri-----             | +1,725     | +2.0                    |
| Montana-----              | -240       | -1.6                    |
| Nebraska-----             | -97        | -0.3                    |
| Nevada-----               | +58        | +1.6                    |
| New Hampshire-----        | +350       | +2.9                    |
| New Jersey-----           | -2,856     | -2.9                    |
| New Mexico-----           | +113       | +0.6                    |
| New York-----             | +774       | +0.3                    |
| North Carolina-----       | +175       | +0.2                    |
| North Dakota-----         | +201       | +1.2                    |
| Ohio-----                 | -242       | -0.1                    |
| Oklahoma-----             | -650       | -1.3                    |
| Oregon-----               | -26        | -0.1                    |
| Pennsylvania-----         | +159       | +0.1                    |
| Rhode Island-----         | +541       | +2.0                    |
| South Carolina-----       | +365       | +0.6                    |
| South Dakota-----         | -61        | -0.4                    |
| Tennessee-----            | +2,026     | +2.5                    |
| Texas-----                | -1,403     | -0.7                    |
| Utah-----                 | +255       | +1.2                    |
| Vermont-----              | -363       | -3.2                    |
| Virginia-----             | -2,797     | -3.4                    |
| Washington-----           | +1,171     | +2.1                    |
| West Virginia-----        | +538       | +1.0                    |
| Wisconsin-----            | -705       | -0.9                    |
| Wyoming-----              | -132       | -1.8                    |

<sup>1</sup>In computing percentages, resident births have been used as the base.

number of these occurring to nonresident mothers who lived in some other part of the same State; and the number to mothers living in other States. This table also shows the number of births to residents of each State occurring in other areas, and the total number of births to residents wherever occurring.

The percentage differences between the residence and occurrence totals are shown for the States in table H. Excluding the District of Columbia, the largest differences occurred for Maryland and Vermont where the occurrence figures were 4.1 and 3.9 percent, respectively, lower than the residence figures. For Arizona and New Hampshire, the occurrence totals were 3.2 and 2.9 percent, respectively, higher than the residence totals.

Table J gives the trend of the percentage of nonresident births in the United States from 1939 to 1948. It is evident that the proportion of nonresidents has increased steadily from 19.4 percent of all registered births in 1939 to 37.3 percent in 1948. The proportion of births which occur in a State other than the State of residence, although low, has also increased from 1.2 percent in 1939 to 2.5 percent in 1948. The steady increase in the percentage of births occurring in places other than the area of residence is closely related to the corresponding rise in the percentage of births occurring in hospitals (see table AW).

TABLE J.—NUMBER AND PERCENT OF NONRESIDENT BIRTHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-48

| YEAR      | Total births | NONRESIDENT BIRTHS |                 |                   | PERCENT OF NON-RESIDENT BIRTHS |                 |                   |
|-----------|--------------|--------------------|-----------------|-------------------|--------------------------------|-----------------|-------------------|
|           |              | Total              | From same State | From other States | Total                          | From same State | From other States |
| 1948----- | 3,535,068    | 1,319,454          | 1,230,366       | 89,088            | 37.3                           | 34.8            | 2.5               |
| 1947----- | 3,698,940    | 1,347,877          | 1,256,494       | 91,383            | 36.4                           | 34.0            | 2.5               |
| 1946----- | 3,698,672    | 1,351,941          | 1,072,030       | 79,911            | 36.0                           | 32.6            | 2.4               |
| 1945----- | 2,733,455    | 922,064            | 844,778         | 77,286            | 33.7                           | 30.9            | 2.8               |
| 1944----- | 2,794,800    | 871,765            | 798,776         | 73,009            | 31.2                           | 28.6            | 2.6               |
| 1943----- | 2,834,860    | 838,608            | 774,252         | 64,357            | 28.6                           | 26.4            | 2.2               |
| 1942----- | 2,908,996    | 734,323            | 684,160         | 50,163            | 26.1                           | 24.4            | 1.8               |
| 1941----- | 2,515,427    | 592,084            | 552,775         | 39,309            | 23.6                           | 22.0            | 1.6               |
| 1940----- | 2,360,399    | 500,918            | 469,228         | 31,690            | 21.2                           | 19.9            | 1.3               |
| 1939----- | 2,265,593    | 439,992            | 410,865         | 29,027            | 19.4                           | 18.1            | 1.2               |

Table K shows the difference in 1948 between the number of births to residents of urban and rural areas and the number of births occurring in the corresponding areas. The place-of-occurrence figures are much higher than those by place of residence in the urban areas, whereas the contrary is true of the rural areas. In comparing the birth figures for urban and rural areas, differences in completeness of birth registration should be taken into account.<sup>1,2</sup>

The proportion of rural residents who go to urban areas for delivery has increased rapidly as shown in table L. In 1939, the earliest year for which strictly comparable figures are available, the number of births occurring in rural areas was

TABLE K.—RESIDENT AND RECORDED BIRTHS, AND PERCENTAGE DIFFERENCE; URBAN AND RURAL: UNITED STATES, 1948

| AREA                             | (Exclusive of stillbirths) |                |            |                                    |
|----------------------------------|----------------------------|----------------|------------|------------------------------------|
|                                  | Births to residents        | Births in area | Difference | Percentage difference <sup>1</sup> |
| UNITED STATES-----               | 3,535,068                  | 3,535,068      | ...        | ...                                |
| Urban-----                       | 2,094,018                  | 2,807,861      | +713,863   | +34.1                              |
| Places of 100,000 or more-----   | 985,863                    | 1,194,167      | +210,304   | +21.4                              |
| Places of 25,000 to 100,000----- | 426,856                    | 612,492        | +185,636   | +43.5                              |
| Places of 10,000 to 25,000-----  | 301,688                    | 449,750        | +148,067   | +49.1                              |
| Places of 2,500 to 10,000-----   | 381,616                    | 551,472        | +169,856   | +44.5                              |
| Rural-----                       | 1,441,050                  | 727,187        | -713,863   | -49.5                              |

<sup>1</sup>In computing percentages, resident births have been used as the base.

<sup>2</sup>Tutthill, Dorothy D., "Completeness of Birth Registration in Urban and Rural Areas: United States and Each State, December 1, 1939 to March 31, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 6, 1945.

17.5 percent less than the number of births to residents of rural areas. By 1948 this difference had increased to 49.5 percent. During the same period the excess of births occurring in urban areas over the births to urban residents rose from 15.6 percent in 1939 to 34.1 percent in 1948. These changes are due almost entirely to the increased use of urban hospital facilities by residents of rural areas. It will be observed that this movement is not restricted to large cities, but is in fact proportionately much larger for cities of less than 100,000 population.

TABLE L.—PERCENTAGE<sup>1</sup> DIFFERENCE BETWEEN RESIDENT AND RECORDED BIRTHS; URBAN AND RURAL: UNITED STATES, 1939-48

| AREA                   | 1948  | 1947  | 1946  | 1945  | 1944  | 1943  | 1942  | 1941  | 1940  | 1939  |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Urban-----             | +34.1 | +32.7 | +30.4 | +27.7 | +27.1 | +24.7 | +21.9 | +21.1 | +18.7 | +15.6 |
| Places of:             |       |       |       |       |       |       |       |       |       |       |
| 100,000 or more-----   | +21.4 | +20.8 | +19.8 | +18.1 | +18.0 | +17.2 | +17.0 | +17.1 | +15.7 | +13.0 |
| 25,000 to 100,000----- | +43.5 | +42.7 | +40.0 | +35.4 | +34.3 | +31.3 | +28.4 | +27.5 | +25.0 | +22.2 |
| 10,000 to 25,000-----  | +49.1 | +45.1 | +41.0 | +37.7 | +35.8 | +32.4 | +28.2 | +27.6 | +24.3 | +19.0 |
| 2,500 to 10,000-----   | +44.5 | +42.9 | +39.2 | +36.9 | +35.8 | +31.5 | +23.0 | +19.5 | +15.0 | +11.3 |
| Rural-----             | -49.5 | -48.8 | -45.9 | -40.2 | -37.5 | -34.7 | -30.7 | -26.0 | -21.7 | -17.5 |

<sup>1</sup>In computing percentages, resident births have been used as the base.

The number of births in 1948, by place of residence and by place of occurrence, is given in table M for each of the 92 cities having, in 1940, a population of 100,000 or more. The place-of-residence figures are lower than those by place of occurrence for every city except Chicago, Los Angeles, New Bedford, Reading, Somerville, and Tampa. Since many factors contribute to the number of nonresident births occurring in a community, a careful study of local conditions is necessary to explain the varying differences observed between residence and occurrence statistics. Among the important factors are: the number and location of hospitals in suburbs surrounding a given city, the density of population in adjacent rural areas and the distance to other cities, and the extent to which hospital facilities are available within the given city.

### EFFECT OF RESIDENCE ALLOCATION ON MORTALITY STATISTICS

Of the 1,444,337 deaths registered in the continental United States in 1948, 269,485, or 18.7 percent, were nonresidents of the city or county in which the death occurred. This proportion of nonresident deaths is slightly higher than the 18.4 percent recorded in 1947.

Most of the nonresident deaths tabulated for any State are those of residents of some other part of the same State and do not, therefore, represent population movement between States. Of the 269,485 nonresident deaths in 1948, 38,964 were interstate nonresidents. These comprise 14.5 percent of all nonresident deaths and only 2.7 percent of all deaths.

The effect of allocation of deaths in 1948 to the place of residence is given in table N. This table shows the total number of deaths that occurred in each State, the number of these that were of nonresidents, the number of deaths of residents that occurred in other areas (exclusive of deaths among the armed forces overseas), and the total number of deaths of residents.

An inspection of table O indicates a relatively small difference between the total number of deaths occurring in a State and the total number of deaths of residents of the State. In general, interstate nonresident deaths are a small proportion of the total deaths and, in most cases, the number of residents leaving a State and dying in other States approximately balances the number of residents of other States dying within the State. Except in States where a large number of out-of-State nonresidents are to be expected, reallocation does not greatly change the State totals. As shown in table O, the greatest differences between the number of recorded and resident deaths were reported in 1948 for Arizona where the recorded total exceeded the number of resident deaths by 8.1 percent and for Florida where the difference was 4.5 percent. For Nevada the

TABLE M.—RESIDENT AND RECORDED BIRTHS, AND PERCENTAGE DIFFERENCE: 92 MAJOR CITIES, 1948

| AREA                    | Births to residents | Births in area | DIFFERENCE |                         |
|-------------------------|---------------------|----------------|------------|-------------------------|
|                         |                     |                | Number     | Percentage <sup>1</sup> |
| Akron-----              | 7,446               | 9,538          | +2,092     | +28.1                   |
| Albany-----             | 3,059               | 4,517          | +1,458     | +47.7                   |
| Atlanta-----            | 8,429               | 13,813         | +5,384     | +63.9                   |
| Baltimore-----          | 22,352              | 28,999         | +6,547     | +29.3                   |
| Birmingham-----         | 8,287               | 10,638         | +2,351     | +28.4                   |
| Boston-----             | 17,208              | 21,238         | +4,030     | +23.4                   |
| Bridgeport-----         | 3,453               | 5,095          | +1,642     | +47.6                   |
| Buffalo-----            | 12,648              | 17,175         | +4,527     | +35.8                   |
| Cambridge-----          | 2,905               | 3,785          | +880       | +30.3                   |
| Camden-----             | 2,815               | 5,577          | +2,762     | +98.1                   |
| Canton-----             | 3,423               | 4,984          | +1,561     | +45.6                   |
| Charlotte-----          | 3,261               | 5,626          | +2,365     | +72.5                   |
| Chattanooga-----        | 3,875               | 5,607          | +1,732     | +44.7                   |
| Chicago-----            | 78,447              | 77,434         | -1,013     | -1.3                    |
| Cincinnati-----         | 11,687              | 16,072         | +4,385     | +37.5                   |
| Cleveland-----          | 22,693              | 27,138         | +4,445     | +19.6                   |
| Columbus-----           | 8,534               | 13,145         | +4,611     | +54.1                   |
| Dallas-----             | 10,126              | 13,876         | +3,750     | +37.0                   |
| Dayton-----             | 9,009               | 11,516         | +2,507     | +27.8                   |
| Denver-----             | 10,337              | 13,746         | +3,409     | +33.0                   |
| Des Moines-----         | 4,489               | 6,038          | +1,549     | +34.5                   |
| Detroit-----            | 43,176              | 49,998         | +6,822     | +15.8                   |
| Duluth-----             | 2,368               | 3,156          | +788       | +33.3                   |
| Elizabeth-----          | 2,363               | 3,618          | +1,255     | +53.1                   |
| Erie-----               | 3,493               | 4,584          | +1,091     | +31.2                   |
| Fall River-----         | 2,497               | 3,241          | +744       | +29.8                   |
| Flint-----              | 4,141               | 6,725          | +2,584     | +62.4                   |
| Fort Wayne-----         | 3,606               | 4,806          | +1,200     | +33.3                   |
| Fort Worth-----         | 7,306               | 8,289          | +983       | +13.5                   |
| Gary-----               | 3,904               | 4,612          | +708       | +18.1                   |
| Grand Rapids-----       | 4,679               | 5,626          | +947       | +20.2                   |
| Hartford-----           | 4,065               | 6,297          | +2,232     | +54.9                   |
| Houston-----            | 16,257              | 17,450         | +1,193     | +7.3                    |
| Indianapolis-----       | 10,969              | 12,547         | +1,578     | +14.4                   |
| Jacksonville, Fla.----- | 5,860               | 7,068          | +1,208     | +20.6                   |
| Jersey City-----        | 6,601               | 10,370         | +3,769     | +57.1                   |
| Kansas City, Kans.----- | 3,487               | 3,968          | +481       | +13.8                   |
| Kansas City, Mo.-----   | 9,432               | 12,664         | +3,232     | +34.3                   |
| Knoxville-----          | 3,319               | 5,413          | +2,094     | +63.1                   |
| Long Beach-----         | 5,896               | 7,732          | +1,836     | +31.1                   |
| Los Angeles-----        | 45,365              | 37,540         | -7,825     | -17.2                   |
| Louisville-----         | 10,385              | 12,969         | +2,584     | +24.8                   |
| Lowell-----             | 2,308               | 3,063          | +755       | +32.7                   |
| Memphis-----            | 8,408               | 12,019         | +3,611     | +42.9                   |
| Miami-----              | 4,969               | 5,836          | +867       | +17.4                   |
| Milwaukee-----          | 14,398              | 19,001         | +4,603     | +32.0                   |
| Minneapolis-----        | 12,809              | 17,097         | +4,288     | +33.5                   |
| Nashville-----          | 6,232               | 7,172          | +940       | +15.1                   |
| Newark, N. J.-----      | 9,597               | 13,624         | +4,027     | +42.0                   |
| New Bedford-----        | 2,229               | 2,093          | -136       | -6.1                    |
| New Haven-----          | 3,539               | 5,836          | +2,297     | +64.9                   |
| New Orleans-----        | 14,814              | 20,611         | +5,797     | +39.1                   |
| New York-----           | 154,064             | 157,930        | +3,866     | +2.5                    |
| Norfolk-----            | 4,234               | 6,030          | +1,796     | +42.4                   |
| Oakland-----            | 9,155               | 14,037         | +4,882     | +53.3                   |
| Oklahoma City-----      | 6,063               | 7,580          | +1,517     | +25.0                   |
| Omaha-----              | 6,014               | 7,384          | +1,370     | +22.8                   |
| Paterson-----           | 2,778               | 5,535          | +2,757     | +99.3                   |
| Peoria-----             | 2,556               | 4,782          | +2,226     | +87.1                   |
| Philadelphia-----       | 43,864              | 48,178         | +4,314     | +9.8                    |
| Pittsburgh-----         | 17,763              | 22,943         | +5,180     | +29.2                   |
| Portland, Oreg.-----    | 9,770               | 12,201         | +2,431     | +24.9                   |
| Providence-----         | 5,473               | 10,364         | +4,891     | +89.4                   |
| Reading-----            | 2,192               | 1,982          | -210       | -9.6                    |
| Richmond-----           | 5,415               | 8,566          | +3,151     | +58.2                   |
| Rochester-----          | 7,424               | 10,780         | +3,356     | +45.2                   |
| Sacramento-----         | 3,246               | 6,933          | +3,687     | +113.6                  |
| St. Louis-----          | 19,659              | 25,824         | +6,165     | +31.4                   |
| St. Paul-----           | 8,221               | 10,121         | +1,900     | +23.1                   |
| Salt Lake City-----     | 5,373               | 7,669          | +2,296     | +42.7                   |
| San Antonio-----        | 13,655              | 14,269         | +614       | +4.5                    |
| San Diego-----          | 8,488               | 9,714          | +1,226     | +14.4                   |
| San Francisco-----      | 16,315              | 19,229         | +2,914     | +17.9                   |
| Scranton-----           | 2,561               | 4,006          | +1,445     | +56.4                   |
| Seattle-----            | 13,447              | 14,324         | +877       | +6.5                    |
| Somerville-----         | 2,442               | 1,621          | -821       | -33.6                   |
| South Bend-----         | 3,127               | 3,939          | +812       | +26.0                   |
| Spokane-----            | 4,054               | 5,840          | +1,786     | +44.1                   |
| Springfield, Mass.----- | 3,885               | 5,310          | +1,425     | +36.4                   |
| Syracuse-----           | 4,583               | 7,977          | +3,394     | +74.3                   |
| Tacoma-----             | 3,511               | 4,708          | +1,197     | +34.1                   |
| Tampa-----              | 4,225               | 4,100          | -125       | -3.0                    |
| Toledo-----             | 8,027               | 10,534         | +2,507     | +31.2                   |
| Trenton-----            | 2,727               | 5,096          | +2,369     | +86.9                   |
| Tulsa-----              | 4,173               | 5,684          | +1,511     | +36.2                   |
| Utica-----              | 2,291               | 3,562          | +1,271     | +55.5                   |
| Washington, D. C.-----  | 20,815              | 27,479         | +6,664     | +32.0                   |
| Wichita-----            | 4,648               | 5,552          | +904       | +19.4                   |
| Wilmington, Del.-----   | 2,782               | 5,155          | +2,373     | +85.3                   |
| Worcester-----          | 4,102               | 5,704          | +1,602     | +39.1                   |
| Yonkers-----            | 2,684               | 3,110          | +426       | +15.9                   |
| Youngstown-----         | 4,344               | 6,155          | +1,811     | +41.7                   |

<sup>1</sup>In computing percentages, resident births have been used as the base.

NOTE.—Cities shown are those having populations of 100,000 or more according to the 1940 census.

# INTRODUCTION

TABLE N.—DEATHS OF NONRESIDENTS IN EACH STATE AND DEATHS OF RESIDENTS IN OTHER STATES: 1948  
(Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                 | Total deaths in area | DEATHS                  |                 |                   |                             |               |                 | Total deaths of residents |
|----------------------|----------------------|-------------------------|-----------------|-------------------|-----------------------------|---------------|-----------------|---------------------------|
|                      |                      | Of nonresidents in area |                 |                   | Of residents in other areas |               |                 |                           |
|                      |                      | Total                   | From same State | From other States | Total                       | In same State | In other States |                           |
| <b>UNITED STATES</b> | 1,444,337            | 269,485                 | 250,521         | 38,964            | 269,485                     | 230,521       | 38,964          | 1,444,337                 |
| Alabama              | 26,356               | 4,875                   | 4,408           | 467               | 5,139                       | 4,408         | 731             | 26,620                    |
| Arizona              | 7,122                | 1,857                   | 859             | 798               | 1,121                       | 859           | 262             | 6,586                     |
| Arkansas             | 14,954               | 2,925                   | 2,345           | 580               | 3,195                       | 2,345         | 850             | 15,224                    |
| California           | 99,320               | 21,067                  | 19,491          | 1,576             | 20,652                      | 19,491        | 1,161           | 98,905                    |
| Colorado             | 12,824               | 2,470                   | 1,875           | 595               | 2,228                       | 1,875         | 353             | 12,582                    |
| Connecticut          | 19,419               | 3,340                   | 2,910           | 430               | 3,490                       | 2,910         | 580             | 19,569                    |
| Delaware             | 3,466                | 663                     | 479             | 184               | 604                         | 479           | 125             | 3,407                     |
| District of Columbia | 8,368                | 1,002                   | ...             | 1,002             | 811                         | ...           | 811             | 8,197                     |
| Florida              | 25,881               | 6,257                   | 4,284           | 1,973             | 5,143                       | 4,284         | 859             | 24,767                    |
| Georgia              | 29,584               | 5,560                   | 4,754           | 806               | 5,502                       | 4,754         | 748             | 29,526                    |
| Idaho                | 4,783                | 951                     | 695             | 256               | 1,074                       | 695           | 379             | 4,906                     |
| Illinois             | 89,908               | 14,658                  | 13,221          | 1,437             | 16,078                      | 13,221        | 2,857           | 91,328                    |
| Indiana              | 39,372               | 7,359                   | 6,327           | 1,032             | 7,551                       | 6,327         | 1,204           | 39,544                    |
| Iowa                 | 26,150               | 5,750                   | 4,883           | 867               | 5,664                       | 4,883         | 781             | 26,064                    |
| Kansas               | 18,648               | 3,416                   | 2,518           | 898               | 3,321                       | 2,518         | 803             | 18,553                    |
| Kentucky             | 27,753               | 5,048                   | 4,293           | 755               | 5,345                       | 4,293         | 1,052           | 28,050                    |
| Louisiana            | 23,894               | 5,185                   | 4,536           | 649               | 4,862                       | 4,536         | 326             | 23,561                    |
| Maine                | 9,981                | 2,203                   | 1,936           | 267               | 2,180                       | 1,936         | 244             | 9,958                     |
| Maryland             | 22,904               | 4,524                   | 3,139           | 1,385             | 4,060                       | 3,139         | 921             | 22,440                    |
| Massachusetts        | 52,712               | 7,321                   | 6,319           | 1,002             | 7,220                       | 6,319         | 901             | 52,611                    |
| Michigan             | 56,551               | 10,010                  | 9,223           | 787               | 10,245                      | 9,223         | 1,022           | 56,786                    |
| Minnesota            | 27,858               | 6,204                   | 5,029           | 1,175             | 5,746                       | 5,029         | 717             | 27,400                    |
| Mississippi          | 20,043               | 3,394                   | 2,965           | 429               | 3,647                       | 2,965         | 682             | 20,296                    |
| Missouri             | 42,892               | 7,460                   | 5,890           | 1,570             | 7,320                       | 5,890         | 1,430           | 42,752                    |
| Montana              | 5,849                | 1,215                   | 1,004           | 211               | 1,250                       | 1,004         | 246             | 5,894                     |
| Nebraska             | 12,541               | 2,424                   | 1,988           | 436               | 2,498                       | 1,988         | 510             | 12,615                    |
| Nevada               | 1,660                | 376                     | 191             | 185               | 320                         | 191           | 129             | 1,624                     |
| New Hampshire        | 6,197                | 1,105                   | 709             | 396               | 1,080                       | 709           | 371             | 6,172                     |
| New Jersey           | 47,512               | 11,155                  | 9,801           | 1,354             | 11,719                      | 9,801         | 1,918           | 48,076                    |
| New Mexico           | 5,711                | 1,419                   | 888             | 531               | 1,317                       | 888           | 429             | 5,609                     |
| New York             | 157,766              | 20,453                  | 18,373          | 2,080             | 20,929                      | 18,373        | 2,556           | 158,242                   |
| North Carolina       | 30,147               | 6,654                   | 5,965           | 689               | 6,668                       | 5,965         | 703             | 30,161                    |
| North Dakota         | 5,045                | 1,395                   | 1,130           | 265               | 1,496                       | 1,130         | 366             | 5,146                     |
| Ohio                 | 80,566               | 12,249                  | 10,831          | 1,418             | 12,574                      | 10,831        | 1,743           | 80,891                    |
| Oklahoma             | 18,591               | 3,368                   | 2,946           | 422               | 3,856                       | 2,946         | 910             | 19,079                    |
| Oregon               | 14,191               | 2,155                   | 1,617           | 538               | 2,044                       | 1,617         | 427             | 14,080                    |
| Pennsylvania         | 108,868              | 23,256                  | 21,469          | 1,787             | 23,570                      | 21,469        | 2,101           | 109,202                   |
| Rhode Island         | 8,125                | 1,533                   | 1,294           | 239               | 1,596                       | 1,294         | 302             | 8,188                     |
| South Carolina       | 17,917               | 4,132                   | 3,744           | 388               | 4,172                       | 3,744         | 428             | 17,957                    |
| South Dakota         | 5,711                | 1,525                   | 1,252           | 273               | 1,628                       | 1,252         | 368             | 5,606                     |
| Tennessee            | 29,774               | 5,915                   | 4,254           | 1,659             | 4,965                       | 4,254         | 711             | 28,826                    |
| Texas                | 64,077               | 10,904                  | 9,925           | 979               | 11,072                      | 9,925         | 1,147           | 64,245                    |
| Utah                 | 5,193                | 1,275                   | 992             | 283               | 1,152                       | 992           | 160             | 5,070                     |
| Vermont              | 4,045                | 962                     | 771             | 191               | 1,015                       | 771           | 242             | 4,096                     |
| Virginia             | 28,907               | 5,600                   | 4,555           | 1,045             | 5,669                       | 4,555         | 1,114           | 28,976                    |
| Washington           | 22,294               | 3,423                   | 2,787           | 636               | 3,340                       | 2,787         | 553             | 22,211                    |
| West Virginia        | 17,751               | 4,467                   | 3,560           | 907               | 4,315                       | 3,560         | 756             | 17,600                    |
| Wisconsin            | 32,703               | 8,779                   | 7,891           | 888               | 8,640                       | 7,891         | 749             | 32,564                    |
| Wyoming              | 2,393                | 439                     | 205             | 234               | 431                         | 205           | 226             | 2,365                     |

number of deaths by place of occurrence was 3.4 percent greater than the corresponding figure by place of residence. For 20 States the difference, plus or minus, was 0.5 percent or less.

Generally speaking, it is not necessary to reallocate deaths to the place of residence in order to obtain fairly comparable State totals. In the case of individual areas within the State, however, reallocation is very important because of the relatively large intrastate movement of the population. To obtain correct figures for areas near State borders, it is necessary that the reallocation be on an interstate as well as on an intrastate basis.

The increase in the proportion of nonresident deaths, given in table P, has been much less than that for births. Deaths occurring in areas other than the place of residence have increased from 14.1 percent of all registered deaths in 1939 to 18.7 percent in 1948. During the same period, the proportion of deaths occurring in a State other than the State of residence went up from 2.0 percent to 2.7 percent. The smaller increase in the proportion of nonresident deaths, as compared with non-resident births, is due largely to the fact that the proportion of deaths occurring in hospitals and other institutions has increased at a relatively slow rate (see table CB).

The reallocation of deaths to the place of residence of the decedent affects mortality data for urban places of various population sizes. Table Q shows, for places classified accord-

ing to population size, the total number of deaths of residents in 1948, wherever occurring, except among the armed forces overseas, and the total number of deaths occurring in each area. From these data it is apparent that the number of recorded deaths for urban places is considerably higher than the number of resident deaths. The converse is true of deaths for rural areas.

The trend of the percentage differences between the totals of resident and recorded deaths for urban and rural areas is given in table R. The moderate rise in these differences corresponds to the small increases in the proportion of nonresident deaths and in the proportion of deaths occurring in hospitals and other institutions. The deficiency of deaths occurring in rural areas, as compared with deaths of rural residents, went up from 10.0 percent in 1939 to 15.6 percent in 1948. Conversely, the excess of deaths in urban areas over deaths of urban residents increased from 6.7 percent in 1939 to 9.2 percent in 1948.

The number of resident and recorded deaths in 1948 and the percentage differences between these figures are shown in table S for 92 individual cities having populations of 100,000 or more in 1940. In all except 10 of these large cities, the number of recorded deaths was higher than the number of resident deaths. These cities are located near other urban places with large hospital facilities or have a portion of their hospital facilities located in the surrounding suburbs.

TABLE C.—DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS: EACH STATE, 1948  
(Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | DIFFERENCE |                         |
|---------------------------|------------|-------------------------|
|                           | Number     | Percentage <sup>1</sup> |
| UNITED STATES-----        | ...        | ...                     |
| Alabama-----              | -264       | -1.0                    |
| Arizona-----              | +836       | +8.1                    |
| Arkansas-----             | -270       | -1.8                    |
| California-----           | +415       | +0.4                    |
| Colorado-----             | +242       | +1.9                    |
| Connecticut-----          | -150       | -0.8                    |
| Delaware-----             | +89        | +1.7                    |
| District of Columbia----- | +181       | +2.3                    |
| Florida-----              | +1,114     | +4.5                    |
| Georgia-----              | +58        | +0.2                    |
| Idaho-----                | -123       | -2.5                    |
| Illinois-----             | -1,420     | -1.6                    |
| Indiana-----              | -172       | -0.4                    |
| Iowa-----                 | +86        | +0.3                    |
| Kansas-----               | +85        | +0.5                    |
| Kentucky-----             | -297       | -1.1                    |
| Louisiana-----            | +333       | +1.4                    |
| Maine-----                | +23        | +0.2                    |
| Maryland-----             | +464       | +2.1                    |
| Massachusetts-----        | +101       | +0.2                    |
| Michigan-----             | -235       | -0.4                    |
| Minnesota-----            | +458       | +1.7                    |
| Mississippi-----          | -253       | -1.2                    |
| Missouri-----             | +140       | +0.3                    |
| Montana-----              | -35        | -0.6                    |
| Nebraska-----             | -74        | -0.6                    |
| Nevada-----               | +86        | +3.4                    |
| New Hampshire-----        | +25        | +0.4                    |
| New Jersey-----           | -584       | -1.2                    |
| New Mexico-----           | +102       | +1.8                    |
| New York-----             | -476       | -0.3                    |
| North Carolina-----       | -14        | -0.0                    |
| North Dakota-----         | -101       | -2.0                    |
| Ohio-----                 | -325       | -0.4                    |
| Oklahoma-----             | -488       | -2.6                    |
| Oregon-----               | +111       | +0.8                    |
| Pennsylvania-----         | -314       | -0.3                    |
| Rhode Island-----         | -63        | -0.8                    |
| South Carolina-----       | -40        | -0.2                    |
| South Dakota-----         | -85        | -1.6                    |
| Tennessee-----            | +848       | +3.3                    |
| Texas-----                | -166       | -0.3                    |
| Utah-----                 | +123       | +2.4                    |
| Vermont-----              | -51        | -1.2                    |
| Virginia-----             | -69        | -0.2                    |
| Washington-----           | +83        | +0.4                    |
| West Virginia-----        | +151       | +0.9                    |
| Wisconsin-----            | +139       | +0.4                    |
| Wyoming-----              | +8         | +0.3                    |

<sup>1</sup>In computing percentages, resident deaths have been used as the base.

TABLE P.—NUMBER AND PERCENT OF NONRESIDENT DEATHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-48

| YEAR      | Total deaths | NONRESIDENT DEATHS |                 |                   | PERCENT OF NON-RESIDENT DEATHS |                 |                   |
|-----------|--------------|--------------------|-----------------|-------------------|--------------------------------|-----------------|-------------------|
|           |              | Total              | From same State | From other States | Total                          | From same State | From other States |
| 1948----- | 1,444,337    | 269,485            | 230,521         | 39,964            | 18.7                           | 15.0            | 2.7               |
| 1947----- | 1,445,370    | 266,081            | 228,774         | 39,307            | 18.4                           | 15.7            | 2.7               |
| 1946----- | 1,395,617    | 257,986            | 219,565         | 39,521            | 18.5                           | 15.7            | 2.7               |
| 1945----- | 1,401,719    | 254,793            | 216,331         | 38,262            | 18.2                           | 15.4            | 2.7               |
| 1944----- | 1,411,338    | 243,678            | 206,603         | 37,075            | 17.3                           | 14.8            | 2.6               |
| 1943----- | 1,459,544    | 266,739            | 228,262         | 38,477            | 18.3                           | 15.6            | 2.6               |
| 1942----- | 1,385,187    | 244,752            | 210,955         | 33,797            | 17.7                           | 15.2            | 2.4               |
| 1941----- | 1,397,642    | 246,611            | 213,108         | 33,703            | 17.7                           | 15.2            | 2.4               |
| 1940----- | 1,417,269    | 209,176            | 179,365         | 29,611            | 14.8                           | 12.7            | 2.1               |
| 1939----- | 1,597,997    | 195,612            | 169,389         | 27,223            | 14.1                           | 12.1            | 2.0               |

TABLE Q.—RESIDENT AND RECORDED DEATHS, AND PERCENTAGE DIFFERENCE; URBAN AND RURAL: UNITED STATES, 1948  
(Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                             | Deaths of residents | Deaths in area | Difference | Percentage difference <sup>1</sup> |
|----------------------------------|---------------------|----------------|------------|------------------------------------|
| UNITED STATES-----               | 1,444,337           | 1,444,337      | ...        | ...                                |
| Urban-----                       | 908,407             | 991,924        | +83,517    | +9.2                               |
| Places of 100,000 or more-----   | 451,266             | 477,561        | +26,315    | +5.6                               |
| Places of 25,000 to 100,000----- | 179,707             | 205,191        | +25,484    | +14.2                              |
| Places of 10,000 to 25,000-----  | 122,894             | 140,678        | +17,984    | +14.6                              |
| Places of 2,500 to 10,000-----   | 154,540             | 168,274        | +13,734    | +8.9                               |
| Rural-----                       | 535,930             | 452,413        | -83,517    | -15.6                              |

<sup>1</sup>In computing percentages, resident deaths have been used as the base.

TABLE R.—PERCENTAGE<sup>1</sup> DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS; URBAN AND RURAL: UNITED STATES, 1939-48

| AREA                   | 1948  | 1947  | 1946  | 1945  | 1944  | 1943  | 1942  | 1941  | 1940  | 1939  |
|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Urban-----             | +9.2  | +6.7  | +6.7  | +6.6  | +7.7  | +8.9  | +8.7  | +8.5  | +7.4  | +6.7  |
| Places of:             |       |       |       |       |       |       |       |       |       |       |
| 100,000 or more-----   | +5.8  | +5.5  | +5.8  | +6.0  | +4.3  | +6.1  | +5.7  | +5.2  | +5.1  | +5.0  |
| 25,000 to 100,000----- | +14.2 | +14.0 | +14.3 | +13.6 | +13.3 | +13.5 | +13.1 | +13.9 | +12.1 | +10.9 |
| 10,000 to 25,000-----  | +14.6 | +12.8 | +12.7 | +12.7 | +12.8 | +13.3 | +13.4 | +13.4 | +12.1 | +9.1  |
| 2,500 to 10,000-----   | +8.9  | +8.4  | +7.6  | +7.5  | +7.2  | +6.7  | +6.8  | +6.1  | +4.9  | +5.2  |
| Rural-----             | -15.6 | -14.9 | -15.1 | -14.9 | -12.9 | -14.8 | -13.8 | -12.9 | -11.2 | -10.0 |

<sup>1</sup>In computing percentages, resident deaths have been used as the base.

TABLE E.—RESIDENT AND RECORDED DEATHS, AND PERCENTAGE DIFFERENCES: 92 MAJOR CITIES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | Deaths of residents | Deaths in area | DIFFERENCE |                         |
|--------------------|---------------------|----------------|------------|-------------------------|
|                    |                     |                | Number     | Percentage <sup>1</sup> |
| Albany             | 2,294               | 2,378          | +84        | +3.7                    |
| Albany             | 1,795               | 2,041          | +246       | +13.7                   |
| Atlanta            | 3,541               | 4,033          | +492       | +13.9                   |
| Baltimore          | 10,874              | 11,510         | +636       | +5.8                    |
| Birmingham         | 3,021               | 3,369          | +347       | +11.5                   |
| Boston             | 9,972               | 11,567         | +1,415     | +14.2                   |
| Bridgeport         | 1,784               | 1,864          | +130       | +7.5                    |
| Buffalo            | 6,474               | 7,170          | +696       | +10.8                   |
| Cambridge          | 1,607               | 1,575          | -32        | -2.0                    |
| Camden             | 1,305               | 1,692          | +387       | +29.7                   |
| Canton             | 1,237               | 1,518          | +281       | +22.7                   |
| Charlottesville    | 1,032               | 1,380          | +348       | +33.7                   |
| Chattanooga        | 1,553               | 1,911          | +358       | +23.1                   |
| Chicago            | 39,079              | 37,878         | -1,200     | -3.1                    |
| Cincinnati         | 6,575               | 7,284          | +709       | +10.8                   |
| Cleveland          | 9,885               | 10,548         | +663       | +6.7                    |
| Columbus           | 3,978               | 4,668          | +690       | +17.3                   |
| Dallas             | 3,273               | 3,911          | +638       | +19.5                   |
| Dayton             | 2,820               | 2,995          | +175       | +6.2                    |
| Denver             | 4,201               | 4,786          | +585       | +13.9                   |
| Des Moines         | 1,900               | 2,364          | +464       | +24.4                   |
| Detroit            | 14,970              | 15,008         | +38        | +0.3                    |
| Duluth             | 1,141               | 1,265          | +124       | +10.9                   |
| Elizabeth          | 1,161               | 1,252          | +91        | +7.8                    |
| Erie               | 1,346               | 1,481          | +135       | +10.0                   |
| Fall River         | 1,430               | 1,510          | +80        | +5.6                    |
| Flint              | 1,320               | 1,447          | +127       | +9.6                    |
| Fort Wayne         | 1,342               | 1,532          | +190       | +14.2                   |
| Fort Worth         | 2,369               | 2,498          | +129       | +5.4                    |
| Gary               | 1,240               | 1,273          | +33        | +2.7                    |
| Grand Rapids       | 1,855               | 1,900          | +45        | +2.4                    |
| Hartford           | 1,806               | 2,239          | +433       | +24.0                   |
| Houston            | 5,133               | 5,297          | +164       | +3.2                    |
| Indianapolis       | 4,929               | 5,529          | +600       | +12.2                   |
| Jacksonville, Fla. | 2,223               | 2,301          | +78        | +3.5                    |
| Jersey City        | 3,239               | 3,619          | +380       | +11.7                   |
| Kansas City, Kans. | 1,367               | 1,566          | +199       | +14.6                   |
| Kansas City, Mo.   | 5,086               | 5,404          | +318       | +6.3                    |
| Knoxville          | 1,169               | 1,359          | +190       | +16.3                   |
| Long Beach         | 2,522               | 2,220          | -302       | -12.0                   |
| Los Angeles        | 20,702              | 20,933         | +231       | +1.1                    |
| Louisville         | 4,357               | 4,698          | +341       | +7.8                    |
| Lovell             | 1,300               | 1,371          | +71        | +5.5                    |
| Memphis            | 3,355               | 4,292          | +937       | +27.9                   |
| Miami              | 2,341               | 2,363          | +22        | +0.9                    |
| Milwaukee          | 6,164               | 5,766          | -398       | -6.5                    |
| Minneapolis        | 5,009               | 5,583          | +574       | +11.5                   |
| Nashville          | 2,142               | 2,556          | +414       | +19.3                   |
| Newark, N. J.      | 4,816               | 5,089          | +273       | +5.7                    |
| New Bedford        | 1,313               | 1,307          | -6         | -0.5                    |
| New Haven          | 1,822               | 2,232          | +410       | +22.5                   |
| New Orleans        | 6,083               | 7,388          | +1,305     | +21.4                   |
| New York           | 82,323              | 81,636         | -687       | -0.8                    |
| Norfolk            | 1,899               | 2,012          | +114       | +6.0                    |
| Oakland            | 4,199               | 4,685          | +486       | +11.6                   |
| Oklahoma City      | 1,957               | 2,398          | +441       | +22.5                   |
| Omaha              | 2,542               | 2,923          | +381       | +15.0                   |
| Pateron            | 1,551               | 1,815          | +264       | +17.0                   |
| Peoria             | 1,141               | 1,439          | +298       | +26.1                   |
| Philadelphia       | 25,843              | 24,605         | -1,238     | -4.8                    |
| Pittsburgh         | 7,618               | 8,682          | +1,064     | +14.0                   |
| Portland, Oreg.    | 4,403               | 4,705          | +302       | +6.9                    |
| Providence         | 2,852               | 3,191          | +339       | +11.9                   |
| Reading            | 1,350               | 1,259          | -91        | -6.7                    |
| Richmond           | 2,604               | 3,119          | +515       | +19.8                   |
| Rochester          | 3,631               | 4,045          | +414       | +11.4                   |
| Sacramento         | 1,704               | 2,100          | +396       | +23.2                   |
| St. Louis          | 10,364              | 11,433         | +1,069     | +10.3                   |
| St. Paul           | 3,139               | 3,440          | +301       | +9.6                    |
| Salt Lake City     | 1,543               | 1,995          | +452       | +29.3                   |
| San Antonio        | 4,007               | 4,215          | +208       | +5.2                    |
| San Diego          | 2,761               | 3,075          | +314       | +11.4                   |
| San Francisco      | 9,354               | 9,890          | +536       | +5.7                    |
| Scranton           | 1,516               | 1,752          | +236       | +15.6                   |
| Seattle            | 5,334               | 5,586          | +252       | +4.7                    |
| Somerville         | 1,120               | 941            | -179       | -16.0                   |
| South Bend         | 1,053               | 1,125          | +72        | +6.8                    |
| Spokane            | 1,680               | 1,987          | +307       | +18.3                   |
| Springfield, Mass. | 1,742               | 1,944          | +202       | +11.6                   |
| Syracuse           | 2,188               | 2,542          | +354       | +16.2                   |
| Tacoma             | 1,709               | 1,846          | +137       | +8.0                    |
| Tampa              | 1,570               | 1,567          | -3         | -0.2                    |
| Toledo             | 3,930               | 4,213          | +283       | +7.2                    |
| Trenton            | 1,561               | 1,873          | +312       | +20.0                   |
| Tulsa              | 1,562               | 1,718          | +156       | +10.0                   |
| Utica              | 1,420               | 1,546          | +126       | +8.9                    |
| Washington, D. C.  | 8,197               | 8,388          | +191       | +2.3                    |
| Wichita            | 1,403               | 1,567          | +164       | +11.7                   |
| Wilmington, Del.   | 1,373               | 1,603          | +230       | +16.8                   |
| Worcester          | 2,544               | 2,756          | +212       | +8.3                    |
| Yonkers            | 1,423               | 1,401          | -22        | -1.5                    |
| Youngstown         | 1,908               | 2,076          | +168       | +8.8                    |

<sup>1</sup>In computing percentages, resident deaths have been used as the base.  
NOTE.—Cities shown are those having populations of 100,000 or more according to the 1940 census.

NATALITY STATISTICS

Births in 1948

During 1948, there were 3,535,068 live births registered in the United States. This is the second largest number recorded in the history of the country and is only 4.5 percent lower than the peak figure of 3,699,940 reached in 1947. The 1948 figure appears even more striking when compared with corresponding numbers in the prewar period. In 1940, 8 years earlier, registered births were about 1,175,000 lower than in 1948.

The crude birth rate in 1948 was 24.2 per 1,000 population excluding the armed forces overseas. This is 6.2 percent less than the 1947 rate (25.8), the highest recorded since the birth-registration area was formed in 1915.

Between 1947 and 1948, the rate for women in all age groups, other than 15-19 years, decreased. First births declined sharply following a comparable decline in the marriage rate during the previous year. Rates indicating the births of second and third children continued to increase in 1948.

Natality trend

Analysis of the long-term trend in the crude birth rate is limited by the comparatively short period since the national birth-registration area was formed. This area was established in 1915 with 10 States and the District of Columbia, and until 1933 there was only partial coverage of the United States (tables B and T). The number of births reported in the expanding birth-registration area and the crude birth rate for each year since 1915 are shown in table U. The table also gives the estimated midyear population of both the continental United States and the States included in the birth-registration area.

TABLE T.—YEAR IN WHICH EACH STATE WAS ADMITTED TO THE BIRTH-REGISTRATION AREA

| YEAR | STATE                          | YEAR | STATE                       | YEAR | STATE         |
|------|--------------------------------|------|-----------------------------|------|---------------|
| 1915 | Connecticut                    | 1917 | Utah                        | 1925 | West Virginia |
|      | Maine                          |      | Virginia                    | 1926 | Arizona       |
|      | Massachusetts                  |      | Washington                  |      | Idaho         |
|      | Michigan                       |      | Wisconsin                   | 1927 | Alabama       |
|      | Minnesota                      | 1919 | California                  |      | Arkansas      |
|      | New Hampshire                  |      | Oregon                      |      | Louisiana     |
|      | New York                       |      | South Carolina <sup>2</sup> |      | Missouri      |
|      | Pennsylvania                   | 1920 | Nebraska                    |      | Tennessee     |
|      | Rhode Island <sup>1</sup>      | 1921 | Delaware                    | 1928 | Colorado      |
|      | Vermont                        |      | Mississippi                 |      | Georgia       |
|      | Dist. of Columbia <sup>2</sup> |      | New Jersey                  |      | Oklahoma      |
| 1916 | Maryland                       | 1922 | Illinois                    | 1929 | Nevada        |
| 1917 | Indiana                        |      | Montana                     |      | New Mexico    |
|      | Kansas                         |      | Wyoming                     | 1932 | South Dakota  |
|      | Kentucky                       | 1924 | Florida                     | 1933 | Texas         |
|      | North Carolina                 |      | Iowa                        |      |               |
|      | Ohio                           |      | North Dakota                |      |               |

<sup>1</sup>Dropped from the birth-registration area in 1919; readmitted in 1921.  
<sup>2</sup>Included in States.

<sup>3</sup>Dropped from the birth-registration area in 1925; readmitted in 1928.

The trend in the crude birth rate for the birth-registration States is characterized by slight variation between 1915 and 1918, a sharp drop for the first year after World War I (1919) followed by increases the next 2 years to a postwar peak of 24.2 in 1921. The birth rate then declined at a relatively rapid rate until 1933 when it reached an all-time record low of 16.6. After 1933, there was an irregular upward movement through 1940, followed by a more rapid rise in 1941 and 1942, and a moderate increase in 1943, to the high point for World War II period—21.5 per 1,000 population including the armed forces overseas. The birth rate declined during the last 2 years of the war, then rose sharply in the immediate postwar period to the 1947 high (25.8). Although the rate declined in 1948, it was still high in comparison with war and prewar years.

The rise in the birth rate during the years 1940 through 1943 is generally ascribed to a high degree of prosperity and

various war factors.<sup>13</sup> The decline during 1944 and 1945 is due in part to the absence of large numbers of young men from the United States for prolonged periods of time. Despite these decreases, the 1945 birth rate was higher than those for the years immediately prior to the war. The sharp rise in the birth rate during the first two postwar years undoubtedly reflects the demobilization of the armed forces at the end of 1945 and in the early part of 1946, the record number of marriages which ensued, and the continued high levels of employment. The decline between 1947 and 1948 may be traced to the drop in the marriage rate which occurred the previous year.

TABLE U.—CRUDE BIRTH RATES: BIRTH-REGISTRATION STATES, 1915-49

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| YEAR | Estimated midyear population of continental United States <sup>1</sup> | BIRTH-REGISTRATION STATES                 |           |                   |                   |
|------|--|---|-----------|-------------------|-------------------|
|      |  | Estimated midyear population <sup>2</sup> | Births    |                   | Rate <sup>3</sup> |
|      |  |   | Number    | Rate <sup>3</sup> |                   |
| 1948 | 146,571,000  | 146,115,000                               | 3,535,068 | 24.2              |                   |
| 1947 | 144,024,000  | 145,405,000                               | 3,699,940 | 25.6              |                   |
| 1946 | 141,235,000  | 141,235,000                               | 3,288,672 | 23.3              |                   |
| 1945 | 139,585,518  | 139,585,518                               | 2,735,456 | 19.6              |                   |
| 1944 | 138,083,449  | 138,083,449                               | 2,794,800 | 20.2              |                   |
| 1943 | 136,497,049  | 136,497,049                               | 2,934,860 | 21.5              |                   |
| 1942 | 134,664,924  | 134,664,924                               | 2,808,996 | 20.9              |                   |
| 1941 | 133,202,873  | 133,202,873                               | 2,513,427 | 18.9              |                   |
| 1940 | 131,970,224  | 131,970,224                               | 2,360,599 | 17.9              |                   |
| 1939 | 130,879,718  | 130,879,718                               | 2,265,568 | 17.3              |                   |
| 1938 | 129,824,939  | 129,824,939                               | 2,286,962 | 17.6              |                   |
| 1937 | 128,824,829  | 128,824,829                               | 2,205,337 | 17.1              |                   |
| 1936 | 128,053,180  | 128,053,180                               | 2,144,790 | 16.7              |                   |
| 1935 | 127,280,232  | 127,280,232                               | 2,155,105 | 16.9              |                   |
| 1934 | 126,373,773  | 126,373,773                               | 2,167,636 | 17.2              |                   |
| 1933 | 125,578,765  | 125,578,765                               | 2,081,232 | 16.6              |                   |
| 1932 | 124,840,471  | 118,905,899                               | 2,074,042 | 17.4              |                   |
| 1931 | 124,039,649  | 117,455,229                               | 2,112,760 | 18.0              |                   |
| 1930 | 123,076,741  | 116,544,946                               | 2,205,958 | 18.9              |                   |
| 1929 | 121,769,939  | 115,517,450                               | 2,169,920 | 18.8              |                   |
| 1928 | 120,501,115  | 113,636,160                               | 2,233,149 | 19.7              |                   |
| 1927 | 119,036,062  | 104,320,830                               | 2,137,836 | 20.5              |                   |
| 1926 | 117,389,225  | 90,400,590                                | 1,856,058 | 20.5              |                   |
| 1925 | 115,831,963  | 89,294,564                                | 1,878,680 | 21.3              |                   |
| 1924 | 114,113,465  | 87,000,295                                | 1,930,614 | 22.2              |                   |
| 1923 | 111,949,945  | 81,072,123                                | 1,792,646 | 22.1              |                   |
| 1922 | 110,054,778  | 79,560,746                                | 1,774,911 | 22.3              |                   |
| 1921 | 108,541,489  | 70,807,090                                | 1,714,281 | 24.2              |                   |
| 1920 | 106,466,420  | 65,597,307                                | 1,506,874 | 23.7              |                   |
| 1919 | 104,512,110  | 61,212,076                                | 1,373,436 | 22.4              |                   |
| 1918 | 103,202,801  | 55,153,782                                | 1,363,649 | 24.7              |                   |
| 1917 | 103,265,913  | 55,197,952                                | 1,353,792 | 24.5              |                   |
| 1916 | 101,965,984  | 32,944,013                                | 616,983   | 24.9              |                   |
| 1915 | 100,549,013  | 31,096,697                                | 776,304   | 25.0              |                   |

<sup>1</sup>For 1940-48, includes armed forces overseas.

<sup>2</sup>For 1947-48, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

<sup>3</sup>Rate for 1948 including armed forces overseas is 24.1; for 1947, 25.7.

The birth rates for whites and nonwhites are shown in table W for the period 1920 to 1948. The rate for the nonwhite group is higher than that for the white in every year and, as discussed in the next section, the differences are even greater when adjustments are made for underregistration and for incompleteness of the registration area.

Between 1947 and 1948, the unadjusted rate for the white population declined by 7.5 percent, while that for the nonwhite increased by 4.6 percent. In previous years, the fluctuations in birth rates for the two groups have generally been in the same direction. During World War II, and the first 2 years of the postwar period, the rates for the white population varied more widely. The increase for the white group between 1940 and 1943 was 21.1 percent, and for the nonwhite

group, 11.1 percent. Decreases between 1943 and 1945 were 9.4 percent and 3.3 percent, respectively. From 1945 to 1947 the birth rate for the white population rose 32.8 percent, and that for the nonwhite, 21.0 percent.

TABLE W.—BIRTHS AND BIRTH RATES, BY RACE: BIRTH-REGISTRATION STATES, 1920-48

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population in each specified group)

| YEAR | NUMBER    |           |          | RATE <sup>1</sup> |       |          |
|------|-----------|-----------|----------|-------------------|-------|----------|
|      | All races | White     | Nonwhite | All races         | White | Nonwhite |
| 1948 | 3,535,068 | 3,080,316 | 454,752  | 24.2              | 23.6  | 29.5     |
| 1947 | 3,699,940 | 3,274,620 | 425,320  | 25.6              | 25.5  | 28.2     |
| 1946 | 3,288,672 | 2,913,645 | 375,027  | 23.3              | 23.0  | 25.3     |
| 1945 | 2,735,456 | 2,395,563 | 339,893  | 19.6              | 19.2  | 23.3     |
| 1944 | 2,794,800 | 2,454,700 | 340,100  | 20.2              | 19.8  | 23.7     |
| 1943 | 2,934,860 | 2,594,763 | 340,097  | 21.5              | 21.2  | 24.1     |
| 1942 | 2,808,996 | 2,486,934 | 322,062  | 20.9              | 20.6  | 23.2     |
| 1941 | 2,513,427 | 2,204,903 | 308,524  | 18.9              | 18.5  | 22.6     |
| 1940 | 2,360,599 | 2,067,953 | 292,646  | 17.9              | 17.5  | 21.7     |
| 1939 | 2,265,568 | 1,962,671 | 282,897  | 17.3              | 16.9  | 21.2     |
| 1938 | 2,286,962 | 2,005,955 | 281,007  | 17.6              | 17.2  | 21.2     |
| 1937 | 2,205,337 | 1,928,437 | 274,900  | 17.1              | 16.7  | 20.9     |
| 1936 | 2,144,790 | 1,861,883 | 282,907  | 16.7              | 16.4  | 20.1     |
| 1935 | 2,155,105 | 1,898,012 | 267,093  | 16.9              | 16.5  | 20.6     |
| 1934 | 2,167,636 | 1,899,501 | 269,135  | 17.2              | 16.7  | 20.9     |
| 1933 | 2,081,232 | 1,823,531 | 257,701  | 16.6              | 16.2  | 20.2     |
| 1932 | 2,074,042 | 1,822,425 | 251,617  | 17.4              | 17.0  | 21.3     |
| 1931 | 2,112,760 | 1,867,245 | 245,515  | 18.0              | 17.7  | 21.0     |
| 1930 | 2,205,958 | 1,953,163 | 250,795  | 18.9              | 18.6  | 21.6     |
| 1929 | 2,169,920 | 1,924,475 | 245,445  | 18.8              | 18.5  | 21.3     |
| 1928 | 2,233,149 | 1,982,246 | 250,903  | 19.7              | 19.4  | 22.1     |
| 1927 | 2,137,836 | 1,925,585 | 212,251  | 20.5              | 20.2  | 23.6     |
| 1926 | 1,856,058 | 1,707,034 | 149,024  | 20.5              | 20.0  | 25.0     |
| 1925 | 1,878,680 | 1,731,689 | 147,211  | 21.3              | 21.0  | 25.4     |
| 1924 | 1,930,614 | 1,762,672 | 167,742  | 22.2              | 21.9  | 26.3     |
| 1923 | 1,792,646 | 1,644,034 | 148,612  | 22.1              | 21.9  | 25.3     |
| 1922 | 1,774,911 | 1,629,397 | 145,524  | 22.3              | 22.1  | 25.3     |
| 1921 | 1,714,281 | 1,565,446 | 148,815  | 24.2              | 23.9  | 27.6     |
| 1920 | 1,506,874 | 1,395,523 | 113,351  | 23.7              | 23.5  | 27.0     |

<sup>1</sup>For 1947-48, based on populations excluding armed forces overseas; for 1940-46, on populations including armed forces overseas.

### Births in the United States adjusted for underregistration

Table Y presents estimates of births for the United States from 1915 through 1948. These figures are adjusted for incompleteness of the registration area in the years prior to 1933 and for underregistration.<sup>14</sup> The estimated total number of births, registered and unregistered, that occurred in the United States during 1948 is 3,702,000, and the rate for the year is estimated at 25.3 per 1,000 population excluding the armed forces overseas.

The trend from 1915 through 1948 in the adjusted rate was generally similar to the course followed by the rate for the birth-registration area. For the country as a whole, however, the relative decline from 1921 to 1933 was somewhat greater than that for the expanding area and the increase from 1940 to 1948 was not quite as marked when measured by the corrected rates.

In the early years, the adjusted rates were as much as 18 percent above those for the more limited group of States. This gap narrowed with the addition to the birth-registration area of States with high birth rates, and with the improvement in registration completeness. By 1933, when the area was completed, the adjusted rate was only 11 percent higher, and by 1948 the difference was reduced to less than 5 percent. The adjusted series reveals the important fact that the 1947 rate

<sup>14</sup>Correction factors for years prior to 1935 were prepared by P. K. Whelpton and are being published in one of the Vital Statistics—Special Reports by the National Office of Vital Statistics. Percentages of registration completeness for the period 1935 to 1948 are given in table E.

<sup>13</sup>See pages 26-28, "Forecasts of the Population of the United States, 1945-1975," by P. K. Whelpton, issued by the Bureau of the Census, for discussion of causes of the short-time changes in birth rates.

was exceeded by the rates for each of the years from 1915 to 1921, except 1919. In contrast, 1947 represented the peak year for rates based on registered births.

The rate for the nonwhite group is more greatly affected than the rate for the white by adjustments for underregistration and incompleteness of the registration area. As a result of such adjustments, the difference between the rates for the two race groups in each year increases. In 1948, for example, the birth rate for registered events among the nonwhite was 25.0 percent higher than the rate among the white. When allowance is made for underregistration, the rate for the nonwhite race group is 41.6 percent higher.

Estimates of the number of births in table Y indicate that the decline in the crude birth rate between 1921 and 1933 meant a decrease in the annual number of births from 3,055,000 to 2,307,000. This change could not be obtained directly from data for the expanding registration area. The estimates also give a more nearly adequate basis than registered birth figures for judging requirements in such fields as school, business, etc. This is particularly true when births covering several years are being considered. For example, a calculation of the number of children of grammar school ages in 1954 would be based on the number of births during the years 1941 through 1948, with allowance for mortality. The total number of registered births for this 8-year period was 24,311,219, while the estimated total number corrected for underregistration was 25,739,000, nearly one and a half million more.

### Natural increase of population

In 1948, the numerical natural increase of the population was the second highest in the history of this country. The annual increase for 1948 (the total number of births less the number of deaths in the year) was estimated at 2,251,000, or only 169,000 less than in 1947, the previous peak year. In 1940, the annual natural increase amounted to only 1,130,000. Estimates of the number of unregistered births and infant deaths and the number of deaths among the armed forces overseas were included with registered births and deaths in determining the natural increase of the population.

### Crude birth rates by State

Table Z presents 1948 birth rates for each State and geographic division by place of residence. The State rates ranged from a high of 35.9 per 1,000 population present in the area for New Mexico to a low of 20.5 for New Jersey. In 3 States, the rate exceeded 30.0, in 18 States it was between 25.0 and 30.0, and in 28 States between 20.0 and 24.9. As in previous years, the high rates in 1948 were found in the Southern and Mountain States.

Between 1947 and 1948 the birth rate decreased in every State, but remained much higher than the immediate prewar levels for all States. The largest relative decreases in 1948 occurred in the New England, Middle Atlantic, and Pacific Divisions. These areas have consistently had the lowest birth rates, notwithstanding the fact that they showed the largest percentage increases in rates between 1940 and 1948.

It will be noted that for 1940, State rates were based on the civilian population and for 1947 and 1948 on the total population present in the area (including the armed forces stationed there). Because of the small number of men in the armed forces in each of these years, this does not affect the comparability of the rates.

To some extent, the differences between 1947 and 1948 birth rates for several States may be due to changes in the technique for estimating the population base.<sup>15</sup> An extreme

<sup>15</sup>Bureau of the Census, "Current Population Reports, Population Estimates," Series P-25, No. 26, p. 2, 1949.

TABLE Y.—ESTIMATED LIVE BIRTHS AND BIRTH RATES CORRECTED FOR UNDERREGISTRATION, BY RACE: UNITED STATES, 1915-48

(Includes an adjustment for States not in the birth-registration area prior to 1933. Estimates were rounded to the nearest thousand without being adjusted to totals, which were independently rounded. Rates per 1,000 estimated midyear population in each specified group)

| YEAR | NUMBER    |           |          | RATE <sup>1</sup> |       |          |
|------|-----------|-----------|----------|-------------------|-------|----------|
|      | All races | White     | Nonwhite | All races         | White | Nonwhite |
| 1948 | 3,702,000 | 3,173,000 | 529,000  | 25.3              | 24.3  | 34.4     |
| 1947 | 3,678,000 | 3,377,000 | 499,000  | 27.0              | 26.3  | 33.1     |
| 1946 | 3,458,000 | 3,015,000 | 445,000  | 24.5              | 23.8  | 30.0     |
| 1945 | 2,594,000 | 2,497,000 | 408,000  | 20.7              | 19.9  | 29.0     |
| 1944 | 2,969,000 | 2,559,000 | 411,000  | 21.5              | 20.7  | 29.7     |
| 1943 | 3,127,000 | 2,715,000 | 413,000  | 22.9              | 22.2  | 29.3     |
| 1942 | 3,005,000 | 2,510,000 | 395,000  | 22.3              | 21.6  | 29.4     |
| 1941 | 2,710,000 | 2,332,000 | 378,000  | 20.3              | 19.5  | 27.7     |
| 1940 | 2,558,000 | 2,199,000 | 360,000  | 19.4              | 18.6  | 26.7     |
| 1939 | 2,486,000 | 2,117,000 | 349,000  | 18.8              | 18.0  | 26.1     |
| 1938 | 2,496,000 | 2,148,000 | 348,000  | 19.2              | 18.4  | 26.3     |
| 1937 | 2,415,000 | 2,071,000 | 342,000  | 18.7              | 17.9  | 26.0     |
| 1936 | 2,355,000 | 2,027,000 | 328,000  | 18.4              | 17.6  | 25.1     |
| 1935 | 2,377,000 | 2,042,000 | 334,000  | 18.7              | 17.9  | 25.8     |
| 1934 | 2,396,000 | 2,058,000 | 339,000  | 19.0              | 18.1  | 26.3     |
| 1933 | 2,307,000 | 1,862,000 | 325,000  | 18.4              | 17.6  | 25.5     |
| 1932 | 2,440,000 | 2,089,000 | 341,000  | 19.5              | 18.7  | 26.9     |
| 1931 | 2,505,000 | 2,170,000 | 335,000  | 20.2              | 19.5  | 26.6     |
| 1930 | 2,618,000 | 2,274,000 | 344,000  | 21.3              | 20.6  | 27.5     |
| 1929 | 2,582,000 | 2,244,000 | 339,000  | 21.2              | 20.5  | 27.3     |
| 1928 | 2,674,000 | 2,325,000 | 349,000  | 22.2              | 21.5  | 29.5     |
| 1927 | 2,802,000 | 2,425,000 | 377,000  | 23.5              | 22.7  | 31.1     |
| 1926 | 2,639,000 | 2,441,000 | 398,000  | 24.2              | 23.1  | 33.4     |
| 1925 | 2,309,000 | 2,306,000 | 405,000  | 25.1              | 24.1  | 34.2     |
| 1924 | 2,379,000 | 2,377,000 | 401,000  | 26.1              | 25.1  | 34.6     |
| 1923 | 2,310,000 | 2,331,000 | 380,000  | 26.0              | 25.2  | 33.2     |
| 1922 | 2,082,000 | 2,307,000 | 375,000  | 26.2              | 25.4  | 33.2     |
| 1921 | 3,055,000 | 2,657,000 | 398,000  | 28.1              | 27.3  | 35.8     |
| 1920 | 2,950,000 | 2,566,000 | 385,000  | 27.7              | 26.9  | 35.0     |
| 1919 | 2,740,000 | 2,387,000 | 353,000  | 26.2              | 25.5  | 32.6     |
| 1918 | 2,948,000 | 2,580,000 | 368,000  | 26.6              | 26.0  | 33.2     |
| 1917 | 2,944,000 | 2,587,000 | 357,000  | 28.5              | 28.0  | 32.9     |
| 1916 | 2,964,000 | 2,599,000 | 365,000  | 28.1              | 28.5  | 32.9     |
| 1915 | 2,965,000 | 2,594,000 | 371,000  | 28.5              | 28.9  | 32.9     |

<sup>1</sup>For 1947-48, based on populations excluding armed forces overseas; for 1940-46, on populations including armed forces overseas.

SOURCE: Estimates for 1915-34, prepared by F. K. Whelpton, Scripps Foundation; estimates for 1935-48, prepared by the National Office of Vital Statistics. Methods used provide a consistent time series.

example is found in Nevada, where the population estimate for 1948 was 18 percent higher than that for the previous year. Thus, while the number of births decreased by only 8.6 percent between 1947 and 1948, the birth rate declined by 22.7 percent.

Comparisons of State rates for 1947 and 1948 with any of the years 1941 to 1946 should also be made with caution. Heavy mobilization of men into the armed forces during the war and their subsequent demobilization in the latter half of 1945 and in 1946 had an important effect on the population bases used for computing these rates. Another factor was the rapid change in the composition of the resident populations resulting from the extraordinarily large internal migration during the war years.

In comparing birth rates by State, the effect of variation in the completeness of birth registration should be considered. Detailed State data on completeness in 1940 are shown in table D. These figures indicate that, in general, birth registration was more complete in States having low birth rates and less complete in States with relatively high rates. Although improvement in registration completeness has probably not been uniform throughout the country since 1940, it is estimated that the same tendency persists. Thus, if differences in completeness of registration are taken into account, it is clear that the variation in the true birth rates must be greater than in the recorded rates. Variations in the age, race, residence (urban or rural), and marital compositions of the populations contribute to the differences in the State crude birth rates.

TABLE Z.—CRUDE BIRTH RATES AND PERCENTAGE CHANGE IN RATES: UNITED STATES, EACH DIVISION AND STATE, 1940, 1947, AND 1948

(By place of residence. Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| AREA                      | 1948 <sup>1</sup> | 1947 <sup>2</sup> | 1940 <sup>2</sup> | PERCENTAGE CHANGE         |              |
|---------------------------|-------------------|-------------------|-------------------|---------------------------|--------------|
|                           |                   |                   |                   | 1947 to 1948 <sup>3</sup> | 1940 to 1948 |
| UNITED STATES-----        | 24.2              | 25.8              | 17.9              | -6.2                      | +35.2        |
| GEOGRAPHIC DIVISIONS      |                   |                   |                   |                           |              |
| New England-----          | 21.9              | 23.9              | 15.7              | -8.4                      | +39.5        |
| Middle Atlantic-----      | 21.3              | 23.1              | 15.3              | -7.8                      | +39.2        |
| East North Central-----   | 23.6              | 25.1              | 17.1              | -6.0                      | +38.0        |
| West North Central-----   | 23.6              | 24.8              | 17.4              | -4.8                      | +35.6        |
| South Atlantic-----       | 27.2              | 28.7              | 20.8              | -5.2                      | +30.8        |
| East South Central-----   | 28.1              | 29.7              | 21.8              | -5.4                      | +29.9        |
| West South Central-----   | 26.0              | 27.2              | 20.1              | -4.4                      | +29.4        |
| Mountain-----             | 28.9              | 31.1              | 21.8              | -7.1                      | +32.6        |
| Pacific-----              | 22.9              | 24.8              | 16.2              | -7.7                      | +41.4        |
| NEW ENGLAND               |                   |                   |                   |                           |              |
| Maine-----                | 24.6              | 27.0              | 18.0              | -8.9                      | +36.7        |
| New Hampshire-----        | 23.8              | 24.8              | 17.0              | -4.0                      | +40.0        |
| Vermont-----              | 25.8              | 26.5              | 19.4              | -2.6                      | +33.0        |
| Massachusetts-----        | 21.0              | 23.3              | 15.2              | -8.9                      | +36.2        |
| Rhode Island-----         | 22.6              | 24.9              | 15.3              | -9.2                      | +47.7        |
| Connecticut-----          | 21.2              | 23.1              | 15.0              | -8.2                      | +41.3        |
| MIDDLE ATLANTIC           |                   |                   |                   |                           |              |
| New York-----             | 21.2              | 22.8              | 14.6              | -7.0                      | +45.2        |
| New Jersey-----           | 20.5              | 23.0              | 14.4              | -10.9                     | +42.4        |
| Pennsylvania-----         | 21.7              | 23.6              | 16.7              | -8.1                      | +29.9        |
| EAST NORTH CENTRAL        |                   |                   |                   |                           |              |
| Ohio-----                 | 23.8              | 25.7              | 16.6              | -7.4                      | +43.4        |
| Indiana-----              | 23.6              | 25.1              | 18.0              | -6.0                      | +31.1        |
| Illinois-----             | 22.1              | 23.3              | 15.8              | -5.2                      | +39.8        |
| Michigan-----             | 24.9              | 26.5              | 18.8              | -6.0                      | +32.4        |
| Wisconsin-----            | 24.7              | 25.9              | 17.5              | -4.6                      | +41.1        |
| WEST NORTH CENTRAL        |                   |                   |                   |                           |              |
| Minnesota-----            | 24.8              | 26.2              | 18.9              | -5.3                      | +31.2        |
| Iowa-----                 | 23.2              | 24.6              | 17.7              | -5.7                      | +31.1        |
| Missouri-----             | 21.9              | 23.1              | 15.2              | -5.2                      | +35.2        |
| North Dakota-----         | 26.5              | 31.5              | 20.6              | -9.5                      | +38.3        |
| South Dakota-----         | 26.8              | 28.6              | 18.9              | -6.3                      | +41.8        |
| Nebraska-----             | 24.3              | 25.0              | 16.8              | -2.8                      | +44.6        |
| Kansas-----               | 22.5              | 23.1              | 16.1              | -2.6                      | +39.8        |
| SOUTH ATLANTIC            |                   |                   |                   |                           |              |
| Delaware-----             | 24.2              | 26.5              | 17.0              | -8.7                      | +42.4        |
| Maryland-----             | 24.6              | 26.5              | 17.8              | -6.4                      | +39.3        |
| District of Columbia----- | 24.1              | 25.2              | 16.7              | -4.4                      | +44.3        |
| Virginia-----             | 26.9              | 28.6              | 21.2              | -5.9                      | +26.9        |
| West Virginia-----        | 27.4              | 29.3              | 22.1              | -6.5                      | +24.0        |
| North Carolina-----       | 28.8              | 30.5              | 22.5              | -5.6                      | +28.0        |
| South Carolina-----       | 29.1              | 30.5              | 23.7              | -4.6                      | +22.8        |
| Georgia-----              | 29.3              | 30.3              | 21.0              | -3.3                      | +39.5        |
| Florida-----              | 24.5              | 25.7              | 17.8              | -4.7                      | +37.6        |
| EAST SOUTH CENTRAL        |                   |                   |                   |                           |              |
| Kentucky-----             | 27.0              | 28.8              | 22.4              | -6.3                      | +20.5        |
| Tennessee-----            | 25.8              | 28.0              | 18.8              | -7.9                      | +37.2        |
| Alabama-----              | 29.4              | 31.1              | 22.3              | -5.5                      | +31.8        |
| Mississippi-----          | 20.9              | 31.7              | 24.2              | -2.5                      | +27.7        |
| WEST SOUTH CENTRAL        |                   |                   |                   |                           |              |
| Arkansas-----             | 24.8              | 25.6              | 19.7              | -3.1                      | +25.9        |
| Louisiana-----            | 29.3              | 29.3              | 21.5              | -3.4                      | +31.6        |
| Oklahoma-----             | 22.0              | 23.5              | 19.4              | -6.4                      | +13.4        |
| Texas-----                | 26.8              | 28.0              | 19.8              | -4.3                      | +35.4        |
| MOUNTAIN                  |                   |                   |                   |                           |              |
| Montana-----              | 29.4              | 30.9              | 20.6              | -4.9                      | +42.7        |
| Idaho-----                | 27.5              | 31.0              | 22.3              | -11.3                     | +23.3        |
| Wyoming-----              | 26.0              | 27.6              | 20.7              | -5.8                      | +25.6        |
| Colorado-----             | 27.5              | 28.7              | 18.6              | -4.2                      | +47.8        |
| New Mexico-----           | 35.9              | 37.2              | 27.6              | -3.5                      | +30.1        |
| Arizona-----              | 27.3              | 29.7              | 22.8              | -8.1                      | +19.7        |
| Utah-----                 | 30.9              | 33.9              | 24.1              | -8.8                      | +26.2        |
| Nevada-----               | 22.5              | 29.1              | 18.8              | -22.7                     | +19.7        |
| PACIFIC                   |                   |                   |                   |                           |              |
| Washington-----           | 22.7              | 24.8              | 16.2              | -8.5                      | +40.1        |
| Oregon-----               | 21.5              | 23.5              | 16.0              | -8.5                      | +34.4        |
| California-----           | 23.2              | 25.1              | 16.2              | -7.6                      | +43.2        |

<sup>1</sup>Rates for the United States and each State based on total population present in area.<sup>2</sup>Rate for the United States based on population including armed forces overseas; rates for the States based on civilian population in area. United States rate for 1940 on civilian population base was 17.9.<sup>3</sup>Some of the percentage differences shown are due to relatively large changes in the population estimates (see text).

## Birth rates by urban-rural areas

Substantial increases in the birth rate occurred among both urban and rural residents during the war and postwar periods. The relative increase between 1940 and 1948 was much greater in the urban population than in the rural.

In 1948, the crude birth rate, based on registered births, for the urban population (24.7) was above the corresponding figure for rural residents (23.9). When birth rates per 1,000 women in the reproductive age span 15-44 years are considered, it is found that fertility in 1948 among rural women was higher than among the urban (table AA). These rates are better indices of fertility than the crude birth rates, since they take into account the sex distribution of the population in the area and, to an important extent, the age distribution of the women. The difference between urban and rural fertility rates is increased when underregistration is taken into account. Birth registration is estimated to be more complete in urban than in rural areas.<sup>16</sup>

TABLE AA.—BIRTH RATES PER 1,000 WOMEN AGED 15-44 YEARS FOR URBAN AND RURAL AREAS: UNITED STATES, 1940 AND 1948

(By place of residence. Exclusive of stillbirths)

| AREA                              | 1948 <sup>1</sup> | 1940 <sup>2</sup> | Percentage increase 1940 to 1948 |
|-----------------------------------|-------------------|-------------------|----------------------------------|
| Unadjusted for underregistration: |                   |                   |                                  |
| Urban-----                        | 99.8              | 64.8              | 54.0                             |
| Rural-----                        | 112.0             | 86.4              | 29.6                             |
| Adjusted for underregistration:   |                   |                   |                                  |
| Urban-----                        | 111.9             | 67.4              | 51.0                             |
| Rural-----                        | 121.9             | 97.7              | 24.7                             |

<sup>1</sup>Based on April 1, 1948, population estimates.<sup>2</sup>Based on April 1, 1940, enumerated populations.

## Birth rates by month

The marked increase in births during the postwar period began in June 1946. Table AB shows that there was little change in the monthly birth rate (on an annual basis) during the early months of 1946. Beginning in June, however, the rate increased sharply, climbing from 19.5 in May to 28.6 in November 1946, the highest monthly birth rate on record. There was a downward movement during the next year and a half, interrupted by minor fluctuations, but the rate remained well above the war and immediate prewar levels. In June 1948, the rate again began to rise sharply, increasing from 22.0 in May to 26.1 in September. Although this was followed by a decrease, the rates during the last 4 months of 1948 were about the same as those for the comparable months of the previous year.

For years prior to the war, the crude birth rate followed the consistent seasonal pattern which is summarized by the seasonal index in table AC. This index, based on monthly rates for the years 1933 to 1940, indicates that in the "normal" seasonal cycle the rate reaches a minor peak in February or March, and then decreases to a low point in May. The rate increases again to a major peak in August or Sep-

<sup>16</sup>National Office of Vital Statistics, "Completeness of Registration of Births Occurring in Institutions and of Births not Occurring in Institutions: United States, December 1, 1939 to March 31, 1940," Vital Statistics—Special Reports, vol. 23, No. 8, 1946.

tember, after which it usually declines rapidly and reaches the lowest point of the year in December. Except for 1946, the monthly rates in each of the years from 1941 to 1948 also had a bimodal distribution, although wartime factors distorted the pattern characteristic of the previous years.

Births by month were not tabulated for the white and non-white races separately before 1942. Accordingly, it is not possible to compare the "normal" seasonal patterns of the two race groups. Monthly rates by race are shown in table AD for the period 1942 through 1948. From these rates, it is seen that both the war and the first postwar peaks in the birth rate occurred somewhat earlier for the white race than for the nonwhite. For the white race, these points were reached in October 1942 and November 1946; for the non-white races, in August 1943 and January 1947.

After the initial postwar rise, the rates for the white

TABLE AB.—BIRTH RATES BY MONTH: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates on an annual basis per 1,000 estimated midyear population)

| MONTH          | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|----------------|------|------|------|------|------|------|------|------|------|
| TOTAL--        | 24.2 | 25.9 | 23.3 | 19.6 | 20.2 | 21.5 | 20.9 | 18.9 | 17.9 |
| January-----   | 23.9 | 28.0 | 18.6 | 20.0 | 20.1 | 22.6 | 19.6 | 18.1 | 17.4 |
| February-----  | 24.7 | 27.4 | 19.0 | 20.0 | 20.4 | 22.6 | 20.1 | 18.7 | 18.0 |
| March-----     | 24.3 | 26.7 | 19.0 | 19.5 | 19.5 | 22.0 | 19.8 | 18.7 | 17.7 |
| April-----     | 23.2 | 24.8 | 19.0 | 18.7 | 18.8 | 21.0 | 19.9 | 18.3 | 17.3 |
| May-----       | 22.0 | 24.9 | 19.5 | 18.7 | 19.0 | 20.4 | 18.7 | 17.5 | 17.4 |
| June-----      | 22.4 | 25.6 | 20.9 | 18.6 | 20.3 | 21.4 | 19.7 | 19.3 | 17.8 |
| July-----      | 24.9 | 26.1 | 23.9 | 20.3 | 21.7 | 22.3 | 20.9 | 20.7 | 18.8 |
| August-----    | 25.9 | 26.2 | 26.1 | 20.8 | 21.6 | 22.5 | 21.8 | 20.3 | 19.1 |
| September----- | 26.1 | 25.3 | 28.0 | 20.6 | 21.0 | 22.4 | 23.3 | 19.7 | 19.1 |
| October-----   | 24.9 | 25.3 | 28.3 | 19.5 | 20.2 | 21.0 | 23.2 | 18.3 | 17.6 |
| November-----  | 24.3 | 24.5 | 28.6 | 19.0 | 20.2 | 20.1 | 22.3 | 18.3 | 17.2 |
| December-----  | 23.9 | 23.7 | 28.2 | 18.7 | 20.0 | 19.7 | 21.9 | 18.5 | 17.2 |

NOTE.—Rates for 1947-48, based on populations excluding armed forces overseas; for 1940-48, on populations including armed forces overseas.

TABLE AC.—INDEX OF SEASONAL VARIATION IN CRUDE BIRTH RATE: UNITED STATES, 1935-40

(Computed by median-link relative method)

| MONTH         | Seasonal index | MONTH          | Seasonal index |
|---------------|----------------|----------------|----------------|
| January-----  | 99.9           | July-----      | 103.8          |
| February----- | 102.2          | August-----    | 105.4          |
| March-----    | 101.4          | September----- | 104.8          |
| April-----    | 97.9           | October-----   | 98.9           |
| May-----      | 96.7           | November-----  | 95.7           |
| June-----     | 98.7           | December-----  | 94.6           |

TABLE AD.—BIRTH RATES BY RACE AND MONTH: UNITED STATES, 1942-48

(Exclusive of stillbirths. Rates on an annual basis per 1,000 estimated midyear population in each specified group)

| RACE AND MONTH | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 |
|----------------|------|------|------|------|------|------|------|
| WHITE-----     | 23.6 | 25.5 | 23.0 | 19.2 | 19.8 | 21.2 | 20.6 |
| January-----   | 23.2 | 27.6 | 18.0 | 19.4 | 19.7 | 22.3 | 19.1 |
| February-----  | 23.9 | 27.2 | 18.5 | 19.5 | 19.9 | 22.3 | 19.6 |
| March-----     | 23.7 | 26.5 | 18.6 | 19.0 | 19.1 | 21.6 | 19.4 |
| April-----     | 22.6 | 24.7 | 18.7 | 18.3 | 18.4 | 20.7 | 18.5 |
| May-----       | 21.5 | 24.8 | 19.3 | 18.4 | 18.7 | 20.2 | 18.4 |
| June-----      | 21.8 | 25.5 | 20.7 | 19.2 | 20.0 | 21.1 | 19.4 |
| July-----      | 24.2 | 25.9 | 23.7 | 19.9 | 21.2 | 22.0 | 20.6 |
| August-----    | 25.2 | 25.8 | 25.9 | 20.1 | 21.1 | 22.1 | 21.5 |
| September----- | 25.4 | 25.3 | 28.0 | 20.2 | 20.6 | 22.1 | 23.0 |
| October-----   | 24.3 | 25.0 | 28.3 | 19.2 | 19.9 | 20.8 | 23.2 |
| November-----  | 23.7 | 24.1 | 28.5 | 18.6 | 19.9 | 19.8 | 22.3 |
| December-----  | 23.2 | 23.2 | 28.0 | 18.3 | 19.5 | 19.4 | 21.6 |
| NONWHITE-----  | 29.5 | 28.2 | 25.3 | 23.3 | 23.7 | 24.1 | 23.2 |
| January-----   | 29.9 | 30.7 | 23.4 | 24.9 | 24.3 | 25.3 | 24.1 |
| February-----  | 30.9 | 29.7 | 23.7 | 25.0 | 24.3 | 25.5 | 24.7 |
| March-----     | 29.5 | 28.5 | 22.8 | 23.6 | 23.2 | 25.2 | 23.4 |
| April-----     | 27.7 | 25.8 | 21.2 | 22.5 | 22.0 | 23.5 | 22.4 |
| May-----       | 26.3 | 25.6 | 21.1 | 21.8 | 21.6 | 22.4 | 21.0 |
| June-----      | 26.7 | 27.0 | 22.7 | 22.6 | 23.5 | 23.6 | 21.9 |
| July-----      | 30.9 | 28.5 | 25.0 | 23.9 | 25.7 | 25.3 | 23.4 |
| August-----    | 31.5 | 29.4 | 27.1 | 24.1 | 25.6 | 25.9 | 24.5 |
| September----- | 32.1 | 29.6 | 29.4 | 24.2 | 24.0 | 25.2 | 25.1 |
| October-----   | 29.3 | 27.8 | 28.3 | 22.3 | 22.9 | 22.9 | 23.3 |
| November-----  | 29.2 | 27.8 | 29.9 | 22.6 | 23.5 | 22.4 | 22.4 |
| December-----  | 29.8 | 28.0 | 30.4 | 22.7 | 24.3 | 22.4 | 22.5 |

NOTE.—Rates for 1947-48, based on populations excluding armed forces overseas; for 1942-46, on populations including armed forces overseas.

population declined irregularly during the next 18 months. In the last 5 months of 1948, they were close to those for the comparable months of the previous year. For the nonwhite population, the rates appeared to move in a generally upward direction, after declining during the early months of 1947. The rates for February, July, August, and September, 1948 exceeded the January 1947 peak.

Age-specific birth rates

Birth rates for 5-year age groups of mothers indicate that the high crude birth rates during the postwar years have been due mainly to increased fertility among women under 30 years of age. Rates in most age groups were at a peak in 1947 (table AE). Between 1947 and 1948, the birth rate among 15-19 year old women rose slightly, but rates in all other age groups declined. Despite this general drop, however, the 1948 rates were considerably higher than the corresponding rates in 1940. The relative increase, at a high for the 15-19 year olds (63 percent), was smaller in each succeeding group, amounting to 9 percent for the 40-44 year old women.

From 1940 through 1948, the rates for women 15 to 29 years of age fluctuated more extremely than did those for the older women. As might be expected, the shifting of men which occurred during the different phases of the war, the high marriage rate, and psychological factors related to the war, had a more immediate and clearly defined effect on fertility among women under 30 years of age.

In considering the changes in fertility in the age groups between 15 and 44 years, it is also useful to examine the age-specific rates for women (a) in 1921, when the crude birth rate was at its post World War I peak; (b) at their all-time low points; and (c) in 1948 (table AF). The outstanding features of this comparison follow:

1. The relative decline between 1921 and the low point was least for the 15-19 year olds, and most severe at the other end of the age range. The rate in the 40-44 year old group

TABLE AE.—BIRTH RATES BY AGE OF MOTHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

| AGE OF MOTHER                | 1948  | 1947  | 1946  | 1945  | 1944  | 1943  | 1942  | 1941  | 1940  |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 15-44 years <sup>1</sup> --- | 104.8 | 110.1 | 98.3  | 82.2  | 84.5  | 89.3  | 86.0  | 77.6  | 73.5  |
| 10-14 years-----             | 0.9   | 0.8   | 0.7   | 0.7   | 0.7   | 0.7   | 0.6   | 0.6   | 0.6   |
| 15-19 years-----             | 79.7  | 76.7  | 56.9  | 48.8  | 51.4  | 57.6  | 56.5  | 51.8  | 46.9  |
| 20-24 years-----             | 182.8 | 200.1 | 171.7 | 130.1 | 141.7 | 152.8 | 153.9 | 134.9 | 125.0 |
| 25-29 years-----             | 160.3 | 172.5 | 157.3 | 128.4 | 132.0 | 142.1 | 136.1 | 121.2 | 114.1 |
| 30-34 years-----             | 100.3 | 107.5 | 103.6 | 84.7  | 92.3  | 95.4  | 86.1  | 79.6  | 77.1  |
| 35-39 years-----             | 53.3  | 57.3  | 56.7  | 54.6  | 52.1  | 49.8  | 44.8  | 42.4  | 41.8  |
| 40-44 years-----             | 15.1  | 15.9  | 15.6  | 15.5  | 15.0  | 14.5  | 13.5  | 13.6  | 13.9  |
| 45-49 years-----             | 1.1   | 1.2   | 1.2   | 1.3   | 1.1   | 1.2   | 1.2   | 1.3   | 1.3   |
| 50-54 years-----             | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |

<sup>1</sup>Rates for age group 15-44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 55 and over) to female population aged 15-44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

TABLE AF.—BIRTH RATES BY AGE OF MOTHER: BIRTH-REGISTRATION STATES, 1921, 1948, AND LOW YEARS

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

| AGE OF MOTHER    | BIRTH RATES |              |       | PERCENTAGE CHANGE <sup>1</sup> BETWEEN— |                     |               |
|------------------|-------------|--------------|-------|---|---------------------|---------------|
|                  | 1921        | Low points   | 1948  | 1921 and low points                     | Low points and 1948 | 1921 and 1948 |
| 15-19 years----- | 52.4        | 42.1 (1933)  | 79.7  | +19.7                                   | +89.3               | +52.1         |
| 20-24 years----- | 150.4       | 109.2 (1933) | 192.8 | -27.4                                   | +76.6               | +28.2         |
| 25-29 years----- | 150.2       | 104.7 (1933) | 160.3 | -30.3                                   | +53.1               | + 6.7         |
| 30-34 years----- | 115.3       | 71.9 (1936)  | 100.3 | -37.6                                   | +39.5               | -13.0         |
| 35-39 years----- | 78.1        | 41.7 (1939)  | 53.3  | -46.6                                   | +27.8               | -31.8         |
| 40-44 years----- | 30.8        | 13.5 (1942)  | 15.1  | -56.2                                   | +11.9               | -51.0         |

<sup>1</sup>No adjustment made for differences in registration completeness or States not included in registration areas in 1921.

decreased to less than half of the earlier figure.

2. Rates for the age groups 15 through 29 years began to rise after 1933. With each older age group there was a lag of 2 or 3 years before the upward movement started. The first increases in many years in the rate for women 40-44 years of age did not occur until after this country's entry into the war.

3. Only rates for age groups under 25 were appreciably higher in 1948 than in 1921. The relative increase in the rate for the age group 15-19 years was especially large. In contrast, the 1948 rate for women 40-44 years remained far below the rate for 1921.

It should be noted that the 1921 data are for the birth-registration States of that year. This results in understatement of the percentage decreases in age-specific birth rates between 1921 and 1948 and in an overstatement of the increases between these 2 years because States in the registration area in the earlier year generally had lower rates than those added later. Increases from the low points are also somewhat overstated in view of the improvement in registration completeness.

Variations in the birth rates by age of father between 1940 and 1948 are similar in many respects to the changes in the rates by age of mother (table AG).

TABLE AG.—BIRTH RATES BY AGE OF FATHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated male population in each specified group)

| AGE OF FATHER            | 1948  | 1947  | 1946  | 1945  | 1944  | 1943  | 1942  | 1941  | 1940  |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 15-54 years <sup>1</sup> | 86.3  | 91.1  | 80.2  | 67.1  | 68.6  | 72.4  | 69.8  | 63.0  | 59.6  |
| 10-14 years              | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 15-19 years              | 11.9  | 11.8  | 10.6  | 10.3  | 9.8   | 10.4  | 8.0   | 6.6   | 6.2   |
| 20-24 years              | 131.1 | 135.0 | 100.4 | 76.0  | 84.4  | 95.5  | 97.5  | 85.1  | 79.2  |
| 25-29 years              | 179.0 | 192.9 | 166.4 | 125.9 | 135.8 | 151.0 | 151.5 | 133.7 | 124.2 |
| 30-34 years              | 158.8 | 148.0 | 137.3 | 118.8 | 118.0 | 124.7 | 118.5 | 107.6 | 102.5 |
| 35-39 years              | 87.1  | 95.7  | 92.5  | 85.6  | 82.4  | 82.3  | 74.7  | 69.7  | 67.2  |
| 40-44 years              | 45.1  | 47.1  | 45.7  | 46.8  | 45.8  | 42.2  | 38.2  | 37.1  | 36.8  |
| 45-49 years              | 19.2  | 20.4  | 20.9  | 21.0  | 19.5  | 19.1  | 18.0  | 17.3  | 17.5  |
| 50-54 years              | 7.1   | 7.6   | 7.9   | 8.0   | 7.9   | 7.6   | 7.1   | 7.0   | 7.2   |
| 55 years and over        | 1.4   | 1.5   | 1.4   | 1.7   | 1.7   | 1.7   | 1.6   | 1.6   | 1.6   |

<sup>1</sup>Rates for age group 15-54 years computed by relating total births, regardless of age of father (including age "Not stated"), to male population 15-54 years. Figures for age "Not stated" have not been distributed among the specified age groups.

NOTE.—Rates for 1947-48, based on male populations excluding armed forces overseas for 1940-46, on male populations including armed forces overseas. Rates based on male populations comparable with 1940-46 are: for 1947, 89.8; for 1948, 85.4.

Major increases in the first 2 postwar years occurred in the rates for men 20 to 34 years of age. For the 20-24 year olds, the rise between 1945 and 1947 amounted to 78 percent. The rates for all groups of men in the age interval 20 to 44 years reached their peaks for the war and postwar period in 1947, and then declined. Changes in 1948 lowered the rate for the 20-24 year olds only slightly. The rates in the other age groups showed larger declines.

Relatively greater gains between 1940 and 1948 were recorded in the fertility rates for young as against older men; thus, the comparative levels of their birth rates changed materially. For example, in 1940, the rate for the 20-24 year old group was far below the rate for men 30-34 years, but the 1948 rates in these two age intervals were about the same.

The differential effect of the war on the various age groups is evident in the course of the age-specific rates after 1942. Thus, the rates for the 20 to 29 year old men, the groups most subject to military service, declined in each of the years 1943 to 1945 and fell below the 1940 rates. For the two age groups 15-19 and 30-34, the rates decreased between 1943 and 1944, but rose again the next year. Finally, the rates for men between 35 and 44 years of age increased continuously during the whole war period.

In regard to the birth rates by 5-year age groups of fathers, each year about 3 percent of the birth records do not give the age of the father. These unknown ages, many of which are related to illegitimate births, are not distributed in the com-

putation of the age-specific rates.

Detailed statistics by age of mother and by age of father, tabulated by place of residence, are given in "Vital Statistics of the United States, Part II."

### Birth rates by age of mother and race

Age-specific birth rates for women by race are presented in table AH for the years 1940 through 1948. It will be noted that between 1947 and 1948 fertility declined only in the white group. The rate for nonwhite women aged 15 to 44 years increased 6.4 percent. In the first postwar year, 1946, the rate had risen more sharply for white than for nonwhite women, while during 1947 both groups had experienced equivalent gains. With respect to changes in the rates for white and nonwhite women during the period 1940 through 1945, more pronounced variation occurred in the rates for white women, although the war had a marked effect on the fertility in both race groups.

TABLE AH.—BIRTH RATES BY RACE AND AGE OF MOTHER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

| RACE AND AGE OF MOTHER   | 1948  | 1947  | 1946  | 1945  | 1944  | 1943  | 1942  | 1941  | 1940  |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>WHITE</b>             |       |       |       |       |       |       |       |       |       |
| 15-44 years <sup>1</sup> | 102.8 | 109.6 | 97.9  | 81.0  | 83.4  | 88.7  | 85.6  | 76.5  | 72.3  |
| 10-14 years              | 0.4   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.3   | 0.2   | 0.2   |
| 15-19 years              | 70.4  | 68.6  | 49.5  | 41.1  | 43.9  | 50.0  | 49.2  | 44.6  | 42.2  |
| 20-24 years              | 189.5 | 199.9 | 171.5 | 127.7 | 139.9 | 152.2 | 154.2 | 133.7 | 123.5 |
| 25-29 years              | 161.8 | 176.6 | 161.3 | 130.6 | 134.7 | 146.6 | 140.7 | 124.2 | 116.6 |
| 30-34 years              | 101.7 | 110.2 | 106.4 | 96.7  | 94.0  | 95.6  | 87.9  | 80.7  | 78.2  |
| 35-39 years              | 52.5  | 57.0  | 56.6  | 54.3  | 51.9  | 49.8  | 44.7  | 42.2  | 41.7  |
| 40-44 years              | 14.8  | 15.7  | 15.4  | 15.4  | 14.9  | 14.3  | 13.2  | 13.3  | 13.7  |
| 45-49 years              | 1.0   | 1.1   | 1.1   | 1.2   | 1.1   | 1.1   | 1.1   | 1.2   | 1.2   |
| 50-54 years              | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| <b>NONWHITE</b>          |       |       |       |       |       |       |       |       |       |
| 15-44 years <sup>1</sup> | 121.5 | 114.2 | 101.3 | 92.4  | 93.1  | 93.8  | 89.7  | 86.8  | 83.1  |
| 10-14 years              | 4.3   | 4.1   | 3.4   | 3.5   | 3.5   | 3.5   | 3.4   | 3.3   | 3.1   |
| 15-19 years              | 144.8 | 134.2 | 110.7 | 105.1 | 106.9 | 115.2 | 111.8 | 107.4 | 100.9 |
| 20-24 years              | 218.2 | 201.6 | 173.9 | 149.7 | 155.4 | 157.4 | 152.6 | 144.1 | 136.8 |
| 25-29 years              | 143.3 | 137.9 | 125.2 | 110.8 | 110.4 | 106.8 | 100.1 | 97.5  | 94.4  |
| 30-34 years              | 89.4  | 85.8  | 81.1  | 79.2  | 78.0  | 75.5  | 71.4  | 70.1  | 66.9  |
| 35-39 years              | 59.2  | 59.7  | 58.1  | 57.8  | 53.9  | 50.5  | 45.7  | 43.9  | 42.0  |
| 40-44 years              | 17.9  | 17.8  | 17.2  | 16.9  | 16.0  | 15.9  | 15.5  | 16.1  | 16.0  |
| 45-49 years              | 1.9   | 2.0   | 2.2   | 2.2   | 1.9   | 2.0   | 2.0   | 2.0   | 2.2   |
| 50-54 years              | 0.1   | 0.0   | 0.1   | 0.1   | 0.1   | 0.2   | 0.2   | 0.1   | 0.2   |

<sup>1</sup>Rates for age group 15-44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 55 and over), to female population aged 15-44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

The 1948 rates for all age groups of nonwhite women under 35 years showed an increase over comparable rates for the previous year. In the white race, only the rates for women under 20 years of age rose during the year. Between 1940 and 1948, the rates for the 15-19 year age group of white women increased 67 percent as compared with 44 percent for the same age group of nonwhite women. In the older groups, the rise was greater for nonwhite women than for white.

During the period 1940 through 1948, as in previous years, nonwhite women under 20 maintained much higher rates than white women at these young ages. In the age groups between 25 and 34 years, the rates for white women were higher than those for nonwhite. In the early war and postwar years, the rates for white and nonwhite women aged 20-24 years differed only slightly, but in the other years the rates in this age group were appreciably higher for the nonwhite races. The difference in the rates for white and nonwhite women, usually small at ages 35-39 years, increased somewhat in 1948.

### Gross and net reproduction rates

A measure frequently used to summarize fertility in an area or race group is the gross reproduction rate. This rate

represents the number of daughters a hypothetical cohort of 1,000 women entering the childbearing period together would have during their lives (a) if they were subject to a given set of age-specific birth rates, and (b) if none of the cohort were to die before completion of the childbearing period.<sup>17</sup> Thus, a cohort of 1,000 women would bear 1,542 daughters in their lifetime if they experienced the same age-specific birth rates that occurred in 1948, and there were no deaths in this group before the end of their reproductive period (table AJ).

At no time in the history of this country has the gross reproduction rate been less than 1,000, although it was very close to this point in the 1930's. During World War II, it rose to well above 1,000, increased very markedly in the first two postwar years, and then dropped slightly in 1948. Gross reproduction rates for white and nonwhite women are also shown in table AJ. The rate for nonwhite women has consistently been much higher than that for white women.

TABLE AJ.—GROSS AND NET REPRODUCTION RATES BY RACE: UNITED STATES, 1935-48  
(Births corrected for underregistration)

| YEAR      | GROSS REPRODUCTION RATE |       |          | NET REPRODUCTION RATE |       |          |
|-----------|-------------------------|-------|----------|-----------------------|-------|----------|
|           | All races               | White | Nonwhite | All races             | White | Nonwhite |
| 1948----- | 1,542                   | 1,484 | 1,975    | 1,462                 | 1,415 | 1,798    |
| 1947----- | 1,613                   | 1,578 | 1,875    | 1,524                 | 1,502 | 1,693    |
| 1946----- | 1,443                   | 1,411 | 1,688    | 1,359                 | 1,340 | 1,515    |
| 1945----- | 1,224                   | 1,180 | 1,564    | 1,144                 | 1,111 | 1,382    |
| 1944----- | 1,258                   | 1,216 | 1,577    | 1,171                 | 1,141 | 1,385    |
| 1943----- | 1,329                   | 1,297 | 1,584    | 1,233                 | 1,214 | 1,385    |
| 1942----- | 1,282                   | 1,252 | 1,511    | 1,180                 | 1,175 | 1,316    |
| 1941----- | 1,169                   | 1,133 | 1,468    | 1,076                 | 1,054 | 1,252    |
| 1940----- | 1,116                   | 1,079 | 1,414    | 1,023                 | 1,000 | 1,205    |
| 1939----- | 1,088                   | 1,052 | 1,373    | 992                   | 970   | 1,162    |
| 1938----- | 1,113                   | 1,076 | 1,381    | 1,011                 | 990   | 1,161    |
| 1937----- | 1,085                   | 1,049 | 1,363    | 980                   | 959   | 1,137    |
| 1936----- | 1,071                   | 1,039 | 1,317    | 962                   | 945   | 1,090    |
| 1935----- | 1,091                   | 1,059 | 1,350    | 975                   | 958   | 1,108    |

NOTE.—Figures for age of mother "Not stated" distributed.

The net reproduction rate is based on the specific fertility and mortality conditions existing in a time period. A rate of 1,000 means that, with the age-specific birth and death rates experienced in a certain year (or years), a cohort of 1,000 newly born girls would bear just enough daughters to replace themselves.<sup>18</sup> During the 1930's, the net reproduction rate was almost continually below 1,000. If the rate had remained at that level, it would have resulted eventually in a decrease in the population unless migration offset the losses. The sharp rise in fertility following World War II resulted in net reproduction rates for 1947 and 1948, which, if continued, would lead to an eventual increase in the population of between 40 and 50 percent per generation.

In the white race group, the net reproduction rate has exceeded 1,000 each year since 1941. The rate for white women was well below replacement level in the 1930's. In contrast, the net reproduction rate among nonwhite women has always been above 1,000. It will be noted that in each year

<sup>17</sup>The gross reproduction rate may be defined as the sum of the age-specific birth rates of female infants per 1,000 women of each single year of age. In computing the gross reproduction rates for this report, the age-specific rates for the 5-year age groups have been multiplied by 5, summed, and the total for all age groups multiplied by the proportion which female births formed of all births.

<sup>18</sup>To obtain the net reproduction rate, the birth rate for each specified 5-year age group was multiplied by 5 and by the probability (as determined from the life table for the year) of women surviving to that age group. The sum of these products was then multiplied by the proportion of births that were female births.

the difference between the gross reproduction rate for white women and the comparable one for nonwhite is larger than the difference between the net reproduction rates. This is due to the higher age-specific mortality rates found among nonwhite women than among white.

In more recent years, research and experience in the field of fertility and population forecasting have emphasized the serious shortcomings of the net reproduction rate as a predictive measure.<sup>19</sup> The rates given in this volume are intended only for use as summary measures of specific fertility and mortality conditions in a stated year.

### Birth order, age of mother, and race

The decrease in the fertility rate between 1947 and 1948 resulted from a drop in first births (14 percent). This followed the decline (13 percent) in marriages the previous year. Moderate increases in second, third, and fourth order births partially offset the effect of the decrease in first births.<sup>20</sup>

Table AK presents birth rates by order of birth (excluding stillbirths) per 1,000 female population, aged 15 to 44 years, for white and nonwhite race groups in each year from 1940 through 1948. The base populations used in these rates include segments of the female population in which the probability of having a child in a specified birth order is zero. Thus, in computing rates by first order of birth in a given year, the population base includes all women in the specified age group, regardless of whether they had children at the beginning of the year.<sup>21</sup> Despite this limitation, rates by order of birth serve the important function of indicating to what extent the various birth orders have contributed to the recent changes in the birth rate.

During World War II, the rates for the first three birth orders for white women reached their peaks in three successive years, beginning with 1942 for first births. Increases

TABLE AK.—BIRTH RATES BY RACE AND BIRTH ORDER: UNITED STATES, 1940-48

(Exclusive of stillbirths. Rates per 1,000 estimated female population 15-44 years of age in each specified group. Birth order refers to number of children born alive to mother. Births occurring in Massachusetts, which does not require the reporting of birth order, are omitted in computing rates by birth order, and population figures for Massachusetts are excluded from the bases used for all such rates. Figures for Massachusetts are included in computing total birth rates by race)

| RACE AND BIRTH ORDER              | 1948  | 1947  | 1946  | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|-----------------------------------|-------|-------|-------|------|------|------|------|------|------|
| <b>WHITE<sup>1</sup></b> -----    | 102.8 | 109.6 | 97.9  | 91.0 | 85.4 | 86.7 | 85.6 | 76.5 | 72.3 |
| First-----                        | 39.1  | 46.5  | 39.0  | 27.6 | 29.1 | 35.5 | 36.2 | 30.7 | 27.5 |
| Second-----                       | 30.3  | 29.8  | 27.3  | 22.1 | 22.9 | 24.6 | 21.9 | 19.6 | 18.6 |
| Third-----                        | 15.2  | 14.8  | 13.7  | 12.5 | 12.9 | 12.6 | 10.9 | 10.1 | 9.8  |
| Fourth-----                       | 7.2   | 7.1   | 7.0   | 6.6  | 6.7  | 6.5  | 5.8  | 5.6  | 5.5  |
| Fifth-----                        | 3.8   | 3.8   | 3.8   | 3.7  | 3.7  | 3.7  | 3.3  | 3.3  | 3.3  |
| Sixth and seventh--               | 3.5   | 3.6   | 3.7   | 3.7  | 3.8  | 3.7  | 3.5  | 3.6  | 3.7  |
| Eighth and over----               | 2.4   | 2.5   | 2.6   | 2.7  | 2.6  | 2.8  | 2.8  | 2.9  | 3.1  |
| <b>NONWHITE<sup>2</sup></b> ----- | 121.5 | 114.2 | 101.3 | 92.4 | 95.1 | 93.8 | 89.7 | 86.8 | 83.1 |
| First-----                        | 35.9  | 34.3  | 26.7  | 23.9 | 24.2 | 25.8 | 25.8 | 24.5 | 23.2 |
| Second-----                       | 26.5  | 23.1  | 20.1  | 17.1 | 17.6 | 18.4 | 17.4 | 16.7 | 15.7 |
| Third-----                        | 17.2  | 15.0  | 13.6  | 12.3 | 12.9 | 12.6 | 12.1 | 11.7 | 11.2 |
| Fourth-----                       | 11.3  | 10.4  | 9.9   | 9.4  | 9.5  | 9.2  | 8.7  | 8.4  | 8.2  |
| Fifth-----                        | 8.0   | 7.5   | 7.3   | 7.1  | 7.0  | 6.7  | 6.4  | 6.3  | 6.1  |
| Sixth and seventh--               | 10.1  | 9.7   | 9.4   | 9.2  | 9.1  | 8.7  | 8.2  | 8.2  | 8.0  |
| Eighth and over----               | 9.7   | 9.6   | 9.4   | 9.5  | 9.1  | 8.9  | 8.5  | 8.5  | 8.4  |

<sup>1</sup>Cases for which order of birth was not stated have been included in the total, but not distributed by birth order.

<sup>19</sup>Detailed discussion of this point appears in "Population Index," Population Association of America, Inc., vol. 15, No. 2, April 1949.

<sup>20</sup>For discussion of changes in birth order rates by age of mother, see "Births by Age of Mother, Race, and Birth Order: United States, 1948," National Office of Vital Statistics, Vital Statistics-Special Reports, vol. 35, No. 10, 1950.

<sup>21</sup>Sterility and marital status are also important factors to be considered.

in the first two postwar years brought the first order birth rate to an unprecedented high level in the history of the birth-registration area. Despite the decline in the following year, the first order birth rate in 1948 exceeded the high rate recorded in 1946. Rates for second through fourth child rose continuously during the postwar period, following slight decreases in the last year or two of the war.

Table AL indicates that, among white women, there was a decline between 1940 and 1948 in the birth order rates representing very large families. In the lower and medium orders through the fourth, however, the rates in 1948 were considerably higher. The most striking increase occurred in the rates for the second and third orders.

Comparison of the 1948 birth order rates for the white group with the same rates for 1920, when the summary fertility rate (for the registration area) about equaled that for 1948, reveals: (1) extreme reductions in the high birth order rates ranging from one-half for fifth order births to two-thirds for eighth and over; (2) a decline of about one-third in the fourth order rate; (3) no change in the rate for a third child, but substantially higher rates for the lower orders.

The war and postwar increases in fertility among nonwhite women extended into the high birth orders. However, the relative increases between 1940 and 1948 were much greater in the low birth order rates. Between 1947 and 1948, only a slight reduction occurred in the rate for first births to nonwhite women. All other rates rose, but the change was particularly marked in second and third order births.

In 1948, the rates for nonwhite women having a first or second child were below those for white women. The rates for third and higher birth orders were greater for the nonwhite group with the difference becoming larger at each successive order.

TABLE AL.—PERCENTAGE CHANGE FROM 1947 TO 1948 AND 1940 TO 1948 IN BIRTH RATES BY BIRTH ORDER AND RACE: UNITED STATES

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother)

| BIRTH ORDER       | PERCENTAGE CHANGE |          |              |          |
|-------------------|-------------------|----------|--------------|----------|
|                   | 1947 to 1948      |          | 1940 to 1948 |          |
|                   | White             | Nonwhite | White        | Nonwhite |
| TOTAL             | -6.2              | +6.4     | +42.2        | +46.2    |
| First             | -15.9             | -1.2     | +42.2        | +46.1    |
| Second            | +1.7              | +14.7    | +62.9        | +68.8    |
| Third             | +2.7              | +14.7    | +55.1        | +53.6    |
| Fourth            | +1.4              | +8.7     | +30.9        | +37.8    |
| Fifth             | 0                 | +6.7     | +15.2        | +31.1    |
| Sixth and seventh | -2.8              | +4.1     | -5.4         | +26.3    |
| Eighth and over   | -4.0              | +1.0     | -22.6        | +15.5    |

Table AM presents the percentage distributions of births by birth order for the years 1933, 1940, 1947, and 1948. These data indicate that first and second births have consistently formed a much greater proportion of the white births when compared with the nonwhite. In 1948, the percentages were 68 for white and 52 for nonwhite.

Following the high marriage rate in 1946, first order births to the white group bulked especially large in 1947. The next year, 1948, the percentage of first order births was about the same as in 1940, but there were some changes among the other birth orders. The proportions of fourth and higher order births were lower in 1948, and both second and third order births assumed higher portions of the total. The marked increase in the proportions of low order births is revealed in a comparison of the distributions for 1933 and 1948.

For nonwhite births the relation between the 1940 and 1948 distributions by birth order is similar to that for the white. However, it is noteworthy that since 1933 the percentage of first births in the total has changed only slightly.

The earlier age at which nonwhite women bear children

can be seen from the distribution of the birth order rates in 1948 by age for the race groups in table AN. This situation has been of long standing. Median ages of white and nonwhite mothers having their first, second, etc., child in 1940 and 1948, presented in table AO, illustrate the disparity in ages of white and nonwhite mothers at childbirth. Nonwhite mothers were younger than white mothers on the average by more than 3 years in all but the "eighth and over" birth order group. The greatest difference was among women having their third child in 1948 (4.2 years). For the first four birth orders (except for first children to white mothers), the average (median) ages of white and nonwhite mothers in 1948 were slightly higher in 1948 than in 1940.

TABLE AM.—PERCENTAGE DISTRIBUTION OF BIRTHS BY RACE AND BIRTH ORDER: UNITED STATES FOR SELECTED YEARS

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother. In computing percentages, cases for which order of birth was not stated have been omitted. Figures for Massachusetts are excluded because this State does not require the reporting of birth order)

| RACE AND BIRTH ORDER | 1948  | 1947  | 1940  | 1933  |
|----------------------|-------|-------|-------|-------|
| WHITE                | 100.0 | 100.0 | 100.0 | 100.0 |
| First                | 38.5  | 43.0  | 38.4  | 52.3  |
| Second               | 29.9  | 27.6  | 26.0  | 23.2  |
| Third                | 15.0  | 13.7  | 13.7  | 14.6  |
| Fourth               | 7.1   | 6.6   | 7.7   | 9.5   |
| Fifth                | 3.7   | 3.5   | 4.7   | 6.3   |
| Sixth                | 2.1   | 2.0   | 3.1   | 4.5   |
| Seventh              | 1.3   | 1.3   | 2.1   | 3.2   |
| Eighth               | 0.9   | 0.8   | 1.5   | 2.3   |
| Ninth                | 0.6   | 0.6   | 1.0   | 1.6   |
| Tenth and over       | 1.0   | 0.9   | 1.8   | 2.5   |
| NONWHITE             | 100.0 | 100.0 | 100.0 | 100.0 |
| First                | 29.0  | 31.3  | 28.7  | 28.2  |
| Second               | 22.7  | 21.1  | 19.4  | 18.1  |
| Third                | 14.7  | 13.7  | 13.6  | 15.4  |
| Fourth               | 9.7   | 9.5   | 10.2  | 10.2  |
| Fifth                | 6.8   | 6.9   | 7.5   | 7.8   |
| Sixth                | 5.0   | 5.1   | 5.7   | 6.1   |
| Seventh              | 3.7   | 3.8   | 4.3   | 4.7   |
| Eighth               | 2.7   | 2.7   | 3.2   | 3.6   |
| Ninth                | 1.9   | 2.0   | 2.4   | 2.6   |
| Tenth and over       | 3.6   | 4.0   | 4.8   | 5.3   |

TABLE AN.—BIRTH RATES BY AGE OF MOTHER, RACE, AND BIRTH ORDER: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group. See headline to table AK for computation of birth order rates)

| RACE AND BIRTH ORDER  | AGE OF MOTHER |             |             |             |             |             |             |             |
|-----------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                       | 10-14 years   | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years |
| WHITE <sup>1</sup>    | 0.4           | 70.4        | 189.5       | 161.6       | 101.7       | 52.5        | 14.6        | 1.0         |
| First                 | 0.4           | 57.8        | 95.9        | 46.4        | 18.1        | 6.8         | 1.3         | 0.1         |
| Second                | 0.0           | 12.5        | 65.0        | 56.4        | 28.5        | 10.4        | 1.6         | 0.1         |
| Third                 | 0.0           | 1.5         | 21.0        | 30.3        | 22.2        | 9.9         | 2.0         | 0.1         |
| Fourth                | 0             | 0.2         | 6.2         | 13.6        | 12.5        | 7.1         | 1.7         | 0.1         |
| Fifth                 | 0             | 0.0         | 1.6         | 5.7         | 7.1         | 4.7         | 1.4         | 0.1         |
| Sixth                 | 0             | 0.0         | 0.5         | 3.3         | 4.3         | 3.4         | 1.1         | 0.1         |
| Seventh               | 0             | 0.0         | 0.1         | 1.4         | 2.6         | 2.6         | 1.0         | 0.1         |
| Eighth                | 0             | 0.0         | 0.0         | 0.5         | 1.8         | 2.0         | 0.9         | 0.1         |
| Ninth                 | 0             | 0           | 0.0         | 0.2         | 1.0         | 1.5         | 0.8         | 0.1         |
| Tenth                 | 0             | 0           | 0.0         | 0.1         | 0.5         | 1.1         | 0.7         | 0.1         |
| Eleventh              | 0             | 0           | 0.0         | 0.0         | 0.2         | 0.7         | 0.5         | 0.1         |
| Twelfth               | 0             | 0           | 0.0         | 0.0         | 0.1         | 0.4         | 0.4         | 0.1         |
| Thirteenth and over   | 0             | 0           | 0.0         | 0.0         | 0.1         | 0.4         | 0.6         | 0.1         |
| NONWHITE <sup>1</sup> | 4.3           | 144.1       | 218.2       | 148.3       | 89.4        | 59.2        | 17.9        | 1.9         |
| First                 | 3.9           | 90.3        | 59.3        | 21.1        | 7.9         | 3.3         | 0.6         | 0.0         |
| Second                | 0.4           | 39.6        | 64.2        | 26.4        | 10.5        | 4.4         | 0.7         | 0.1         |
| Third                 | 0.0           | 10.5        | 44.0        | 24.7        | 10.5        | 4.7         | 0.9         | 0.1         |
| Fourth                | 0.0           | 2.1         | 24.1        | 21.5        | 10.0        | 4.8         | 1.0         | 0.1         |
| Fifth                 | 0             | 0.4         | 10.9        | 16.4        | 9.6         | 5.1         | 1.0         | 0.1         |
| Sixth                 | 0             | 0.1         | 4.3         | 13.5        | 9.4         | 5.1         | 1.1         | 0.1         |
| Seventh               | 0             | 0.0         | 1.6         | 6.4         | 7.2         | 5.4         | 1.3         | 0.1         |
| Eighth                | 0             | 0.0         | 0.5         | 4.4         | 7.2         | 5.1         | 1.4         | 0.1         |
| Ninth                 | 0             | 0.0         | 0.2         | 2.0         | 4.9         | 5.0         | 1.6         | 0.1         |
| Tenth                 | 0             | 0           | 0.1         | 0.9         | 2.9         | 4.8         | 1.6         | 0.1         |
| Eleventh              | 0             | 0           | 0.0         | 0.3         | 1.7         | 3.2         | 1.5         | 0.2         |
| Twelfth               | 0             | 0           | 0.0         | 0.1         | 0.8         | 2.2         | 1.3         | 0.2         |
| Thirteenth and over   | 0             | 0           | 0.0         | 0.1         | 0.7         | 2.9         | 2.7         | 0.5         |

<sup>1</sup>Cases for which order of birth was not stated have been included in computing rates for the total number of births in each age group, but not distributed by birth order.

TABLE AO.—MEDIAN AGE OF MOTHER BY BIRTH ORDER AND RACE: UNITED STATES, 1940 AND 1948

(Exclusive of stillbirths. Birth order refers to number of children born alive to mother. Figures for Massachusetts are included in computing average ages by race, but excluded in computing averages for birth order because this State does not require the reporting of birth order)

| BIRTH ORDER            | 1948  |          | 1940  |          |
|------------------------|-------|----------|-------|----------|
|                        | White | Nonwhite | White | Nonwhite |
| TOTAL-----             | 26.1  | 24.1     | 26.3  | 24.0     |
| First-----             | 23.0  | 19.9     | 23.3  | 19.3     |
| Second-----            | 26.0  | 22.5     | 25.7  | 21.9     |
| Third-----             | 26.3  | 24.1     | 27.5  | 23.7     |
| Fourth-----            | 30.0  | 26.0     | 29.2  | 25.7     |
| Fifth-----             | 31.3  | 27.8     | 31.0  | 27.9     |
| Sixth and seventh----- | 33.2  | 30.0     | 33.3  | 30.3     |
| Eighth and over-----   | 37.2  | 35.2     | 37.4  | 35.7     |

NOTE.—Medians were computed from distributions of births by 5-year age groups of mothers.

Plural births

The number of live births reported for any year is somewhat greater than the number of women having children, since in some cases the confinements result in the delivery of more than one child. In 1948, there were 3,463,320 single births, and 36,586 plural sets, of which at least one member was born alive. Of the latter group, twins accounted for 36,246, including 34,547 cases in which both mates were born alive, and 1,699 cases in which one of the mates was stillborn. There were 336 cases of triplets, among which 942 individuals were born alive; 3 cases of quadruplets reported, with 11 members of the sets living; and 1 case of quintuplets having 2 members born alive. For detailed tabulation of these cases, as well as cases in which all mates were stillborn, see table 10, Part II.

Table AP shows the number of total births, single births, cases of plural births, and the rate of occurrence of plural births for the registration States for each year since 1915. The rate is derived by relating the total number of plural sets with at least one individual born alive to the sum of this figure and the number of single live births. Thus, the base

of the rate does not include single stillbirths, and neither the numerator nor the base includes plural cases in which all the individuals were stillborn. Until reporting of stillbirths becomes more uniform and complete, this rate will probably remain the most meaningful of the various rates that might be used to express frequency of plural births. The rate has varied only slightly from year to year. Since 1933, when the birth-registration area became complete, the variation has been from a high of 11.8 plural cases per 1,000 total cases in 1933 to a low of 10.2 in 1943.

TABLE AP.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE: BIRTH-REGISTRATION STATES FOR SPECIFIED YEARS

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

| YEAR    | Total births | Total cases (single and plural) | Cases of single births | CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE |        |          |             | Plural cases per 1,000 total cases |
|---------|--------------|---------------------------------|------------------------|---|--------|----------|-------------|------------------------------------|
|         |              |                                 |                        | Total   | Twins  | Triplets | Quadruplets |                                    |
| 1948--- | 3,535,068    | 3,499,906                       | 3,463,320              | 36,586  | 36,246 | 338      | 3           | 10.5                               |
| 1947--- | 3,699,940    | 3,662,811                       | 3,624,181              | 38,630  | 38,286 | 340      | 4           | 10.5                               |
| 1946--- | 3,288,672    | 3,253,114                       | 3,216,000              | 37,114  | 36,782 | 327      | 5           | 11.4                               |
| 1945--- | 2,735,456    | 2,707,574                       | 2,678,712              | 28,862  | 28,604 | 257      | 9           | 10.7                               |
| 1944--- | 2,794,800    | 2,767,323                       | 2,738,438              | 28,885  | 28,591 | 298      | 8           | 10.4                               |
| 1943--- | 2,934,800    | 2,906,456                       | 2,878,869              | 29,787  | 29,470 | 316      | 1           | 10.2                               |
| 1942--- | 2,808,996    | 2,780,989                       | 2,751,588              | 29,421  | 29,139 | 277      | 5           | 10.8                               |
| 1941--- | 2,513,427    | 2,488,022                       | 2,461,311              | 26,711  | 26,443 | 256      | 12          | 10.7                               |
| 1940--- | 2,360,399    | 2,336,604                       | 2,311,378              | 25,226  | 24,976 | 247      | 3           | 10.8                               |
| 1939--- | 2,265,588    | 2,242,041                       | 2,216,857              | 25,184  | 24,908 | 276      | 2           | 11.2                               |
| 1938--- | 2,286,962    | 2,262,770                       | 2,236,863              | 25,907  | 25,644 | 262      | 1           | 11.4                               |
| 1937--- | 2,203,337    | 2,179,823                       | 2,154,719              | 25,104  | 24,881 | 219      | 4           | 11.5                               |
| 1936--- | 2,144,790    | 2,121,519                       | 2,096,667              | 24,852  | 24,569 | 277      | 6           | 11.7                               |
| 1935--- | 2,158,106    | 2,132,302                       | 2,107,903              | 24,399  | 24,167 | 232      | -           | 11.4                               |
| 1934--- | 2,167,636    | 2,144,111                       | 2,118,897              | 25,114  | 24,866 | 242      | 6           | 11.7                               |
| 1933--- | 2,081,232    | 2,058,686                       | 2,034,468              | 24,220  | 23,995 | 220      | 5           | 11.8                               |
| 1932--- | 2,074,042    | 2,051,396                       | 2,027,134              | 24,262  | 24,020 | 236      | 6           | 11.8                               |
| 1931--- | 2,112,760    | 2,090,086                       | 2,065,803              | 24,283  | 24,049 | 232      | 2           | 11.6                               |
| 1930--- | 2,203,958    | 2,180,312                       | 2,155,094              | 25,218  | 24,963 | 249      | 6           | 11.6                               |
| 1925--- | 1,878,880    | 1,859,174                       | 1,838,296              | 20,878  | 20,645 | 230      | 3           | 11.2                               |
| 1920--- | 1,508,874    | 1,492,532                       | 1,475,113              | 17,419  | 17,229 | 184      | 6           | 11.7                               |
| 1915--- | 776,304      | 766,687                         | 761,150                | 7,737   | 7,673  | 64       | -           | 10.1                               |

<sup>1</sup>Includes 1 case of quintuplets (2 males born alive, 3 females stillborn) in Kentucky.  
<sup>2</sup>Includes 1 case of quintuplets (4 females born alive, 1 female stillborn) in the District of Columbia.

TABLE AQ.—CASES OF SINGLE AND PLURAL BIRTHS BY RACE AND AGE OF MOTHER: UNITED STATES, 1948

(Exclusive of stillbirths. Only those cases in which at least one child was born alive are included)

| RACE AND CASES OF BIRTHS     | Total     | AGE OF MOTHER  |             |             |             |             |             |                   |            |
|------------------------------|-----------|----------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|
|                              |           | Under 20 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45 years and over | Not stated |
| NUMBER                       |           |                |             |             |             |             |             |                   |            |
| TOTAL CASES (all races)----- | 3,499,906 | 434,429        | 1,150,616   | 970,346     | 572,824     | 285,054     | 73,907      | 5,172             | 7,558      |
| Single cases-----            | 3,463,320 | 431,912        | 1,140,978   | 959,404     | 564,875     | 280,499     | 73,008      | 5,126             | 7,519      |
| Twins-----                   | 36,246    | 2,501          | 9,569       | 10,841      | 7,857       | 4,504       | 891         | 44                | 39         |
| Other plural cases-----      | 340       | 16             | 69          | 101         | 92          | 52          | 10          | -                 | -          |
| WHITE-----                   | 3,050,270 | 333,856        | 1,001,333   | 871,917     | 517,003     | 251,953     | 65,132      | 4,271             | 4,814      |
| Single cases-----            | 3,019,205 | 331,987        | 993,258     | 862,450     | 510,059     | 248,062     | 64,368      | 4,253             | 4,788      |
| Twins-----                   | 30,793    | 1,857          | 8,021       | 9,377       | 6,872       | 3,843       | 754         | 38                | 26         |
| Other plural cases-----      | 281       | 12             | 54          | 90          | 72          | 43          | 10          | -                 | -          |
| NONWHITE-----                | 449,627   | 100,573        | 149,283     | 98,429      | 55,821      | 33,101      | 8,775       | 901               | 2,744      |
| Single cases-----            | 444,115   | 99,925         | 147,720     | 96,954      | 54,816      | 32,436      | 8,638       | 895               | 2,731      |
| Twins-----                   | 5,453     | 644            | 1,548       | 1,464       | 985         | 656         | 137         | 6                 | 13         |
| Other plural cases-----      | 59        | 4              | 15          | 11          | 20          | 9           | -           | -                 | -          |
| RATIO PER 1,000 CASES        |           |                |             |             |             |             |             |                   |            |
| TOTAL CASES (all races)----- | 1,000.0   | 1,000.0        | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0           | 1,000.0    |
| Single cases-----            | 989.5     | 994.2          | 991.6       | 988.7       | 986.1       | 984.0       | 987.8       | 991.5             | 984.8      |
| Twins-----                   | 10.4      | 5.8            | 8.3         | 11.2        | 13.7        | 15.8        | 12.1        | 8.5               | 5.2        |
| Other plural cases-----      | 0.1       | 0.0            | 0.1         | 0.1         | 0.2         | 0.2         | 0.1         | 0                 | 0          |
| WHITE-----                   | 1,000.0   | 1,000.0        | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0           | 1,000.0    |
| Single cases-----            | 989.8     | 994.4          | 991.9       | 989.1       | 986.6       | 984.6       | 988.3       | 991.1             | 984.6      |
| Twins-----                   | 10.1      | 5.6            | 8.0         | 10.8        | 13.3        | 15.3        | 11.6        | 8.9               | 5.4        |
| Other plural cases-----      | 0.1       | 0.0            | 0.1         | 0.1         | 0.1         | 0.2         | 0.2         | 0                 | 0          |
| NONWHITE-----                | 1,000.0   | 1,000.0        | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0     | 1,000.0           | 1,000.0    |
| Single cases-----            | 987.7     | 993.6          | 989.5       | 985.0       | 982.0       | 979.9       | 984.4       | 983.3             | 985.3      |
| Twins-----                   | 12.1      | 6.4            | 10.4        | 14.9        | 17.6        | 19.8        | 15.8        | 6.7               | 4.7        |
| Other plural cases-----      | 0.1       | 0.0            | 0.1         | 0.1         | 0.4         | 0.3         | 0           | 0                 | 0          |

Table AQ shows the number of cases of single and plural births by race and age of mother. In 1948, as in previous years, the proportion of plural births in the total cases was the lowest among the youngest age group of mothers, and rose with each successively older age group to a peak among 35-39 year old mothers. The proportion of plural births is higher among nonwhite than among white deliveries in practically every age group. For white mothers of all ages, one plural set occurred in 98 confinements, and for nonwhite mothers there was one plural set in 82 confinements.

## Illegitimate births

Illegitimate birth data obtained from the live birth records in those States that require information on legitimacy are presented for each year from 1938 through 1948 in table AR. Estimates for the United States as a whole, which include an allowance for the other States, are also given. These figures do not contain adjustments for misstatements on birth certificates concerning legitimacy status, or for illegitimate births not registered at all, because of the present lack of adequate knowledge about these two groups.<sup>22</sup> Nevertheless, the estimates serve the important function of indicating year-to-year changes in illegitimacy.

TABLE AR.—ILLEGITIMATE LIVE BIRTHS BY RACE: REPORTING AREA AND THE UNITED STATES, 1938-48

| YEAR      | REPORTING AREA <sup>1</sup> |        |          | UNITED STATES (ESTIMATES) <sup>2</sup> |        |          |
|-----------|-----------------------------|--------|----------|--|--------|----------|
|           | All races                   | White  | Nonwhite | All races                              | White  | Nonwhite |
| 1948----- | 96,307                      | 37,931 | 58,376   | 129,700                                | 54,800 | 74,900   |
| 1947----- | 98,677                      | 42,161 | 56,516   | 131,900                                | 60,500 | 71,500   |
| 1946----- | 95,395                      | 42,860 | 52,535   | 125,200                                | 61,400 | 63,800   |
| 1945----- | 95,047                      | 40,056 | 54,991   | 117,400                                | 56,400 | 60,900   |
| 1944----- | 87,001                      | 36,252 | 50,749   | 105,200                                | 49,600 | 55,600   |
| 1943----- | 82,586                      | 31,755 | 50,831   | 98,100                                 | 42,800 | 55,400   |
| 1942----- | 83,459                      | 35,117 | 50,342   | 96,500                                 | 42,000 | 54,500   |
| 1941----- | 85,067                      | 35,220 | 49,847   | 95,700                                 | 41,900 | 53,800   |
| 1940----- | 77,558                      | 32,032 | 45,526   | 89,500                                 | 40,500 | 49,200   |
| 1939----- | 74,941                      | 31,330 | 43,611   | 88,400                                 | 40,400 | 48,100   |
| 1938----- | 74,462                      | 32,045 | 42,417   | 87,900                                 | 41,200 | 46,800   |

<sup>1</sup>The number of States not reporting legitimacy status increased from 4 to 16 between 1938 and 1948. The following States have not required a statement concerning the legitimacy of birth in the years specified: California, Massachusetts, and New York for each year; Texas for 1938 and 1939; Maryland, Nebraska, New Hampshire, and Wyoming for 1940-48; Colorado, Connecticut, and New Mexico for 1943-48; Arizona, Idaho, and Nevada for 1945-48; South Carolina for 1946-48; Arkansas for 1947 and 1948; Oklahoma for 1948.

<sup>2</sup>Derived by adding an estimate of the number of illegitimate births in States not requiring a legitimacy statement on the birth record to the number of illegitimate live births tabulated for the reporting States. These estimates were rounded to the nearest hundred without being adjusted to group totals which were independently rounded. No estimates were included for misstatements on the birth record or for failure to register births.

It will be noted that the estimated number of illegitimate live births in the United States decreased slightly between 1947 and 1948. This decline came after 4 years (1944 to 1947) of sharp increases in illegitimacy. The number of children born out of wedlock in 1948 (129,700) was 45 percent above the figure (89,500) for 1940, the last year unaffected by war conditions. The increase was appreciable in both the white and nonwhite race groups. Until well after the war started (1943), there was little variation in the number of illegitimate births among white women. After 1943, the number rose markedly each year until 1946. During the second postwar year, the number declined slightly, and the following year it dropped more rapidly. Despite these decreases, the number of children born out of wedlock to white women was about 36 percent higher in 1948 than in 1940. In contrast to this pattern, ille-

<sup>22</sup>For a detailed discussion of the qualifications and limitations of illegitimacy statistics, and for an analysis of such data by various characteristics (e.g., urban-rural residence of mother, person in attendance, birth order), see Shapiro, Sam, "Illegitimate Births, 1938-47," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 33, No. 5, 1950. The method of estimating for States not reporting legitimacy status is given in the report (p. 82).

gitimate births among nonwhite women rose in each of the years shown. Increases in the years 1940 to 1941, and 1944 to 1947, were particularly large. The estimated number in 1948 was 52 percent above the immediate prewar level.

While the trend in the number of out-of-wedlock births is of considerable value, for many analytical purposes rates per 1,000 unmarried women aged 15 to 44 years form a better basis for measuring change in the illegitimate birth problem.<sup>23</sup> In 1940, the estimated illegitimacy rate was 7.1; by 1948, the rate (12.7) was 79 percent higher. The increase reflects not only the rise in the number of illegitimate births but also the decrease in the unmarried female population that occurred during the war and postwar years.

Another useful measure for certain types of comparison is the illegitimacy ratio, i.e., the number of illegitimate live births per 1,000 live births in a specified group. The ratio should not be taken as a substitute for the illegitimacy rate. Actually, it answers only the following type of question: "What proportion of the births in the group is illegitimate?" The ratios in 1940 and 1948 based on estimates for the entire United States were as follows:

|              | 1948  | 1940  |
|--------------|-------|-------|
| Total-----   | 36.7  | 37.9  |
| White-----   | 17.8  | 19.5  |
| Nonwhite---- | 164.7 | 168.2 |

The preceding data show that both before and after the war, a far greater percentage of the nonwhite births were illegitimate than was the case for the white group. It is generally believed that proportionately there is greater understatement in the white race than in the nonwhite. Another interesting observation is that the 1948 ratios are somewhat lower than those for 1940. This arises from the greater increase between the 2 years in total births than in illegitimate births and does not imply a reduction in the illegitimacy problem.

The age distribution of women bearing children out of wedlock in 1948 is given in table AS. A substantial proportion (43 percent) of these births were to teen-age women, about a third were to those 20-24 years old, and much smaller proportions to each succeeding 5-year age group. About 30,000 of the illegitimate live births in 1948 were to very young girls, only 17 years of age or younger. Unmarried white women

TABLE AS.—ESTIMATED NUMBER AND PERCENTAGE DISTRIBUTION OF ILLEGITIMATE LIVE BIRTHS, BY AGE OF MOTHER FOR EACH RACE GROUP: UNITED STATES, 1948

(Estimates were rounded to the nearest hundred without being adjusted to group totals which were independently rounded. Derived figures were based on the unrounded absolute numbers)

| AGE OF MOTHER       | NUMBER    |        |          | PERCENT   |       |          |
|---------------------|-----------|--------|----------|-----------|-------|----------|
|                     | All races | White  | Nonwhite | All races | White | Nonwhite |
| TOTAL-----          | 129,700   | 54,800 | 74,900   | 100.0     | 100.0 | 100.0    |
| Under 15 years----  | 3,000     | 700    | 2,300    | 2.3       | 1.3   | 3.1      |
| 15-19 years-----    | 52,500    | 20,500 | 32,100   | 40.5      | 37.4  | 42.9     |
| 15 years-----       | 5,300     | 1,400  | 3,900    | 4.1       | 2.6   | 5.2      |
| 16 years-----       | 9,300     | 3,100  | 6,300    | 7.2       | 5.7   | 8.4      |
| 17 years-----       | 12,000    | 4,600  | 7,400    | 9.3       | 8.4   | 9.9      |
| 18 years-----       | 13,500    | 5,700  | 7,800    | 10.4      | 10.4  | 10.4     |
| 19 years-----       | 12,400    | 5,700  | 6,700    | 9.6       | 10.4  | 8.9      |
| 20-24 years-----    | 40,600    | 19,000 | 21,800   | 31.5      | 34.7  | 29.1     |
| 25-29 years-----    | 18,200    | 8,200  | 10,100   | 14.0      | 15.0  | 13.5     |
| 30-34 years-----    | 8,800     | 3,700  | 5,000    | 6.8       | 6.8   | 6.7      |
| 35-39 years-----    | 4,900     | 2,100  | 2,800    | 3.8       | 3.8   | 3.7      |
| 40 years and over-- | 1,400     | 600    | 800      | 1.1       | 1.1   | 1.1      |

NOTE.—Estimates were derived by adding an estimate of the number of illegitimate births in States not requiring a legitimacy statement on the birth record to the number of illegitimate live births tabulated for the 32 reporting States and the District of Columbia. No estimates were included for misstatements on the birth record or for failures to register births.

<sup>23</sup>It is believed that only a relatively small number of births recorded as illegitimate occur to married women. These are cases in which it is known that the father of the child is not the husband of the mother.

bearing children have been consistently a little older on the average than the nonwhite. In 1948, approximately 39 percent of the white women who had children out of wedlock were under 20 years of age as compared with 46 percent for the nonwhite group.

A different picture of the illegitimacy problem in various age groups of women is obtained when rates per 1,000 unmarried women at these ages are considered instead of numbers. In 1948, the incidence of illegitimacy was greatest among women aged 20-24 years, the second highest rate among the 25-29 year old women, and the third highest in the 15-19 year old group (table AT). Between 1940 and 1948, the illegitimacy rate in each age group increased sharply. The largest proportionate change is found among 25-29 year old women (142 percent), and the rates in age groups 20-24 and 30-34 years about doubled.

TABLE AT.—ESTIMATED ILLEGITIMACY RATES BY AGE OF MOTHER: UNITED STATES, 1940 AND 1948  
(Exclusive of stillbirths. Rates per 1,000 unmarried women in each specified age group)

| AGE OF MOTHER            | 1948 | 1940 | Percentage Increase |
|--------------------------|------|------|---------------------|
| 15-44 years <sup>1</sup> | 12.7 | 7.1  | 78.9                |
| 15-19 years              | 11.6 | 7.5  | 54.7                |
| 20-24 years              | 19.8 | 9.5  | 108.4               |
| 25-29 years              | 17.4 | 7.2  | 141.7               |
| 30-34 years              | 9.9  | 5.1  | 94.1                |
| 35-39 years              | 5.5  | 3.4  | 61.8                |
| 40-44 years              | 1.6  | 1.1  | 45.5                |

<sup>1</sup>Rates for age group 15-44 years computed by relating total births, regardless of age of mother, to population 15-44 years of age.  
NOTE.—Unmarried population includes "never married," "widowed," and "divorced." Population estimated as of July 1 for each year.

Data on illegitimate live births reported in 1946, 1947, and 1948 are given in table AU for the individual States reporting legitimacy in 1948. This table shows the number of such births reallocated to the State of the mother's usual residence, by race, and the number of illegitimate births per 1,000 live births.

State comparisons based on the data are affected by differences among the States in such important factors as: (1) marital status and age composition of the female population, (2) birth registration completeness, and (3) amount of misstatements on the birth record to conceal the illegitimacy of the birth. The last point is undoubtedly by far the most serious source of error in legitimacy statistics, and may vary appreciably from State to State. To the well-informed, the legal status accorded children born out of wedlock in a State may influence the decision as to whether or not to record

TABLE AU.—NUMBER AND RATIO OF ILLEGITIMATE BIRTHS, BY RACE: REPORTING STATES, 1946-48

(By place of residence. Exclusive of stillbirths. Ratios per 1,000 live births in each specified group)

| AREA AND RACE         | ILLEGITIMATE BIRTHS |        |         |       |       |         |
|-----------------------|---------------------|--------|---------|-------|-------|---------|
|                       | Number              |        |         | Ratio |       |         |
|                       | 1948                | 1947   | 1946    | 1948  | 1947  | 1946    |
| TOTAL <sup>1</sup>    | 96,307              | 97,052 | 91,633  | 38.5  | 37.1  | 39.5    |
| White                 | 57,951              | 41,526 | 41,704  | 17.6  | 18.2  | 20.5    |
| Nonwhite              | 58,376              | 55,526 | 49,929  | 169.1 | 170.5 | 173.0   |
| Alabama               | 6,572               | 6,155  | 5,769   | 77.0  | 69.9  | 72.2    |
| White                 | 632                 | 724    | 740     | 11.7  | 12.5  | 14.2    |
| Nonwhite              | 5,940               | 5,431  | 5,029   | 188.2 | 180.4 | 180.1   |
| Arkansas <sup>2</sup> | ---                 | ---    | (2,105) | ---   | ---   | (46.5)  |
| White <sup>2</sup>    | ---                 | ---    | (490)   | ---   | ---   | (15.6)  |
| Nonwhite <sup>2</sup> | ---                 | ---    | (1,625) | ---   | ---   | (160.7) |
| Delaware              | 499                 | 488    | 432     | 66.8  | 63.2  | 63.5    |
| White                 | 154                 | 155    | 149     | 25.3  | 23.5  | 25.6    |
| Nonwhite              | 345                 | 333    | 283     | 295.6 | 299.2 | 285.6   |
| District of Columbia  | 2,082               | 2,042  | 1,830   | 100.0 | 94.2  | 98.4    |
| White                 | 399                 | 457    | 439     | 31.3  | 32.6  | 35.8    |
| Nonwhite              | 1,683               | 1,585  | 1,391   | 208.7 | 206.6 | 220.0   |
| Florida               | 4,048               | 3,723  | 3,255   | 67.9  | 62.3  | 60.6    |
| White                 | 716                 | 744    | 728     | 16.6  | 16.7  | 18.1    |
| Nonwhite              | 3,332               | 2,979  | 2,527   | 203.9 | 194.3 | 186.3   |

TABLE AU.—NUMBER AND RATIO OF ILLEGITIMATE BIRTHS, BY RACE: REPORTING STATES, 1946-48—Continued

(By place of residence. Exclusive of stillbirths. Ratios per 1,000 live births in each specified group)

| AREA AND RACE         | ILLEGITIMATE BIRTHS |         |         |       |         |         |
|-----------------------|---------------------|---------|---------|-------|---------|---------|
|                       | Number              |         |         | Ratio |         |         |
|                       | 1948                | 1947    | 1946    | 1948  | 1947    | 1946    |
| Georgia               | 6,052               | 5,759   | 5,043   | 65.3  | 60.7    | 59.9    |
| White                 | 710                 | 729     | 677     | 12.0  | 11.6    | 12.0    |
| Nonwhite              | 5,342               | 5,031   | 4,366   | 159.7 | 157.0   | 149.1   |
| Illinois              | 5,722               | 5,582   | 5,713   | 31.0  | 28.5    | 32.7    |
| White                 | 2,813               | 3,065   | 3,317   | 18.8  | 17.0    | 20.4    |
| Nonwhite              | 2,909               | 2,519   | 2,396   | 168.8 | 161.6   | 191.5   |
| Indiana               | 1,928               | 1,939   | 1,843   | 20.8  | 20.1    | 22.7    |
| White                 | 1,324               | 1,409   | 1,452   | 15.1  | 15.3    | 17.6    |
| Nonwhite              | 602                 | 530     | 491     | 129.4 | 132.3   | 151.7   |
| Iowa                  | 1,006               | 1,105   | 1,054   | 16.5  | 17.3    | 18.8    |
| White                 | 959                 | 1,051   | 989     | 16.0  | 16.6    | 17.7    |
| Nonwhite              | 47                  | 54      | 65      | 92.0  | 113.4   | 157.8   |
| Kansas                | 711                 | 742     | 818     | 16.6  | 16.7    | 20.6    |
| White                 | 504                 | 584     | 624     | 12.3  | 13.2    | 16.3    |
| Nonwhite              | 207                 | 178     | 194     | 112.1 | 103.9   | 130.6   |
| Kentucky              | 1,865               | 2,101   | 1,968   | 24.2  | 26.3    | 27.1    |
| White                 | 1,154               | 1,364   | 1,331   | 15.8  | 18.0    | 19.3    |
| Nonwhite              | 711                 | 737     | 637     | 147.8 | 161.7   | 187.4   |
| Louisiana             | 5,418               | 5,438   | 5,081   | 73.9  | 72.8    | 74.0    |
| White                 | 498                 | 598     | 590     | 11.1  | 12.7    | 13.6    |
| Nonwhite              | 4,920               | 4,838   | 4,491   | 172.6 | 175.7   | 176.6   |
| Maine                 | 708                 | 837     | 866     | 32.1  | 35.1    | 42.6    |
| White                 | 705                 | 828     | 861     | 32.0  | 34.7    | 42.4    |
| Nonwhite              | 3                   | 9       | 5       | 90.9  | 243.2   | 139.9   |
| Michigan              | 4,303               | 4,335   | 3,866   | 27.8  | 26.9    | 27.8    |
| White                 | 2,741               | 2,995   | 2,689   | 19.2  | 19.9    | 20.5    |
| Nonwhite              | 1,562               | 1,340   | 1,177   | 131.4 | 126.9   | 141.3   |
| Minnesota             | 1,678               | 1,735   | 1,787   | 23.1  | 23.0    | 26.6    |
| White                 | 1,524               | 1,602   | 1,645   | 21.2  | 21.4    | 24.7    |
| Nonwhite              | 154                 | 133     | 142     | 205.3 | 199.7   | 188.1   |
| Mississippi           | 6,025               | 5,673   | 5,719   | 92.3  | 86.4    | 92.7    |
| White                 | 291                 | 320     | 328     | 9.8   | 9.8     | 10.9    |
| Nonwhite              | 5,734               | 5,353   | 5,390   | 161.6 | 164.3   | 170.0   |
| Missouri              | 2,446               | 2,452   | 2,361   | 28.7  | 27.2    | 29.3    |
| White                 | 1,234               | 1,251   | 1,323   | 15.8  | 15.0    | 17.7    |
| Nonwhite              | 1,212               | 1,201   | 1,038   | 165.7 | 173.6   | 171.7   |
| Montana               | 273                 | 256     | 284     | 19.2  | 17.0    | 22.1    |
| White                 | 173                 | 190     | 189     | 12.1  | 13.2    | 15.5    |
| Nonwhite              | 100                 | 66      | 95      | 126.1 | 94.6    | 151.0   |
| New Jersey            | 2,186               | 2,254   | 2,175   | 22.4  | 21.2    | 22.8    |
| White                 | 1,041               | 1,163   | 1,225   | 11.7  | 11.8    | 13.8    |
| Nonwhite              | 1,145               | 1,091   | 950     | 131.8 | 134.9   | 144.0   |
| North Carolina        | 8,046               | 8,017   | 7,211   | 75.5  | 71.0    | 71.6    |
| White                 | 1,745               | 1,672   | 1,668   | 23.4  | 23.5    | 23.5    |
| Nonwhite              | 6,301               | 6,345   | 5,543   | 180.8 | 184.6   | 187.2   |
| North Dakota          | 317                 | 377     | 328     | 19.1  | 22.1    | 21.5    |
| White                 | 261                 | 332     | 282     | 16.1  | 19.9    | 18.9    |
| Nonwhite              | 56                  | 45      | 46      | 153.0 | 130.4   | 124.0   |
| Ohio                  | 4,513               | 4,749   | 4,915   | 24.2  | 24.1    | 29.0    |
| White                 | 2,834               | 3,172   | 3,421   | 16.4  | 17.1    | 21.4    |
| Nonwhite              | 1,679               | 1,577   | 1,494   | 124.3 | 129.1   | 150.8   |
| Oklahoma <sup>2</sup> | ---                 | (1,625) | (1,657) | ---   | (30.3)  | (32.9)  |
| White <sup>2</sup>    | ---                 | (635)   | (676)   | ---   | (13.2)  | (15.1)  |
| Nonwhite <sup>2</sup> | ---                 | (990)   | (981)   | ---   | (174.9) | (176.0) |
| Oregon                | 545                 | 595     | 620     | 15.5  | 16.4    | 20.6    |
| White                 | 467                 | 520     | 544     | 13.5  | 14.5    | 18.4    |
| Nonwhite              | 78                  | 75      | 76      | 124.8 | 135.4   | 132.9   |
| Pennsylvania          | 7,945               | 8,173   | 8,040   | 35.0  | 32.9    | 36.8    |
| White                 | 4,668               | 5,038   | 5,426   | 22.1  | 21.6    | 26.4    |
| Nonwhite              | 3,277               | 3,135   | 2,614   | 199.3 | 207.9   | 202.2   |
| Rhode Island          | 405                 | 417     | 408     | 24.0  | 22.5    | 24.3    |
| White                 | 329                 | 358     | 340     | 20.0  | 19.7    | 20.7    |
| Nonwhite              | 76                  | 59      | 68      | 182.7 | 150.5   | 202.4   |
| South Dakota          | 205                 | 354     | 368     | 12.5  | 21.4    | 25.2    |
| White                 | 144                 | 258     | 265     | 9.2   | 16.3    | 19.0    |
| Nonwhite              | 61                  | 96      | 103     | 68.5  | 140.1   | 159.0   |
| Tennessee             | 4,176               | 4,208   | 3,600   | 50.8  | 48.6    | 46.5    |
| White                 | 1,424               | 1,518   | 1,438   | 21.1  | 20.8    | 22.0    |
| Nonwhite              | 2,752               | 2,690   | 2,162   | 188.9 | 197.0   | 182.8   |
| Texas                 | 5,879               | 5,780   | 5,455   | 29.7  | 29.1    | 30.3    |
| White                 | 2,370               | 2,437   | 2,394   | 13.8  | 13.9    | 14.9    |
| Nonwhite              | 3,509               | 3,343   | 3,061   | 136.3 | 142.4   | 145.5   |
| Utah                  | 175                 | 192     | 211     | 8.4   | 8.8     | 11.6    |
| White                 | 169                 | 183     | 203     | 8.3   | 8.5     | 11.3    |
| Nonwhite              | 6                   | 9       | 8       | 18.2  | 34.2    | 29.5    |
| Vermont               | 268                 | 297     | 241     | 28.6  | 30.6    | 28.8    |
| White                 | 267                 | 297     | 240     | 28.5  | 30.6    | 28.7    |
| Nonwhite              | 1                   | --      | 1       | 333.3 | 0       | 250.0   |
| Virginia              | 5,328               | 5,500   | 4,815   | 64.9  | 64.1    | 65.5    |
| White                 | 1,455               | 1,550   | 1,427   | 23.8  | 23.6    | 24.5    |
| Nonwhite              | 3,873               | 3,950   | 3,388   | 184.4 | 196.5   | 193.5   |
| Washington            | 981                 | 1,274   | 1,298   | 17.6  | 21.8    | 24.9    |
| White                 | 850                 | 1,130   | 1,192   | 15.7  | 19.9    | 23.6    |
| Nonwhite              | 131                 | 144     | 106     | 72.0  | 88.0    | 72.2    |
| West Virginia         | 2,408               | 2,552   | 2,421   | 46.0  | 46.3    | 49.7    |
| White                 | 1,940               | 2,068   | 2,006   | 39.1  | 39.8    | 43.4    |
| Nonwhite              | 468                 | 484     | 415     | 167.9 | 177.2   | 169.7   |
| Wisconsin             | 1,896               | 1,763   | 1,701   | 19.6  | 20.9    | 22.8    |
| White                 | 1,436               | 1,567   | 1,564   | 17.8  | 18.9    | 21.2    |
| Nonwhite              | 460                 | 196     | 137     | 154.8 | 195.2   | 143.7   |

<sup>1</sup>Excludes the following States, the birth certificates of which did not require a statement concerning legitimacy of birth in 1948: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, Oklahoma, South Carolina, and Wyoming.

<sup>2</sup>To maintain a comparable area, figures in parentheses are not included in total.

legitimacy information correctly. Such laws differ between some of the States. The second factor (underregistration) is minimized when illegitimacy ratios are used. However, consideration should be given to the possibility that illegitimate births may form a higher proportion of unregistered births than of registered.

### Attendant at birth

In recent years, there has been a sharp rise in the proportion of births delivered in hospitals, and a smaller but nevertheless important increase in the proportion attended by physicians.<sup>24</sup> These advances have, without doubt, been important factors in the continuous decline in the infant and maternal mortality rates.

The striking increase in utilization of hospital facilities since 1935 (the first year for which data by attendant were tabulated by this Office) may be seen in table AW. In 1948, a total of 3,025,206 live births, or 85.6 percent of all registered live births, was attended by physicians in hospitals. Thirteen years earlier, in 1935, the comparable percentage was only 36.9, and births in hospitals or institutions amounted to slightly more than one-quarter of the 1948 total. During this period, the proportion of children born in hospitals increased un-

TABLE AW.—NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS, BY PERSON IN ATTENDANCE FOR EACH RACE GROUP: UNITED STATES, 1935, 1940-48

| YEAR AND RACE    | Total births | NUMBER ATTENDED BY—                |                           |                                   | PERCENT ATTENDED BY—               |                           |                                   |
|------------------|--------------|------------------------------------|---------------------------|-----------------------------------|------------------------------------|---------------------------|-----------------------------------|
|                  |              | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife, other, and not specified | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife, other, and not specified |
| <b>ALL RACES</b> |              |                                    |                           |                                   |                                    |                           |                                   |
| 1948-----        | 3,536,068    | 3,025,206                          | 323,434                   | 186,429                           | 85.6                               | 9.1                       | 5.3                               |
| 1947-----        | 3,699,940    | 3,136,930                          | 375,407                   | 187,603                           | 84.8                               | 10.1                      | 5.1                               |
| 1946-----        | 3,288,672    | 2,708,223                          | 402,759                   | 177,690                           | 82.4                               | 12.2                      | 5.4                               |
| 1945-----        | 2,735,456    | 2,155,594                          | 402,690                   | 176,972                           | 78.8                               | 14.7                      | 6.5                               |
| 1944-----        | 2,794,800    | 2,112,963                          | 493,463                   | 189,374                           | 75.6                               | 17.7                      | 6.7                               |
| 1943-----        | 2,934,860    | 2,115,562                          | 615,754                   | 203,524                           | 72.1                               | 21.0                      | 6.9                               |
| 1942-----        | 2,809,996    | 1,906,833                          | 693,921                   | 208,242                           | 67.9                               | 24.7                      | 7.4                               |
| 1941-----        | 2,513,427    | 1,537,719                          | 759,986                   | 215,722                           | 61.2                               | 30.2                      | 8.6                               |
| 1940-----        | 2,360,399    | 1,316,768                          | 825,271                   | 218,360                           | 55.8                               | 35.0                      | 9.3                               |
| 1935-----        | 2,155,105    | 795,629                            | 1,089,932                 | 269,644                           | 36.9                               | 50.6                      | 12.5                              |
| <b>WHITE</b>     |              |                                    |                           |                                   |                                    |                           |                                   |
| 1948-----        | 3,080,316    | 2,784,865                          | 248,093                   | 47,358                            | 90.4                               | 6.1                       | 1.5                               |
| 1947-----        | 3,274,620    | 2,925,374                          | 300,199                   | 49,048                            | 89.3                               | 9.2                       | 1.5                               |
| 1946-----        | 2,913,645    | 2,538,892                          | 327,585                   | 47,178                            | 87.1                               | 11.2                      | 1.6                               |
| 1945-----        | 2,395,563    | 2,018,929                          | 329,147                   | 47,487                            | 84.3                               | 13.7                      | 2.0                               |
| 1944-----        | 2,454,700    | 2,197,092                          | 414,895                   | 52,723                            | 81.0                               | 16.9                      | 2.1                               |
| 1943-----        | 2,594,763    | 2,002,313                          | 534,177                   | 58,273                            | 77.2                               | 20.6                      | 2.2                               |
| 1942-----        | 2,486,934    | 1,808,121                          | 616,503                   | 62,310                            | 72.7                               | 24.6                      | 2.5                               |
| 1941-----        | 2,204,903    | 1,448,132                          | 688,188                   | 68,593                            | 65.7                               | 31.2                      | 3.1                               |
| 1940-----        | 2,087,953    | 1,238,677                          | 754,746                   | 74,530                            | 58.9                               | 36.5                      | 3.6                               |
| 1935-----        | 1,888,012    | 746,974                            | 1,019,271                 | 121,767                           | 39.6                               | 54.0                      | 6.4                               |
| <b>NONWHITE</b>  |              |                                    |                           |                                   |                                    |                           |                                   |
| 1948-----        | 454,752      | 240,341                            | 75,341                    | 139,070                           | 52.9                               | 16.6                      | 30.6                              |
| 1947-----        | 425,320      | 211,656                            | 75,209                    | 138,555                           | 49.7                               | 17.7                      | 32.6                              |
| 1946-----        | 375,027      | 169,341                            | 75,174                    | 130,512                           | 45.2                               | 20.0                      | 34.8                              |
| 1945-----        | 339,893      | 136,665                            | 73,743                    | 129,485                           | 40.2                               | 21.7                      | 38.1                              |
| 1944-----        | 340,100      | 125,981                            | 78,568                    | 135,651                           | 37.0                               | 23.1                      | 39.9                              |
| 1943-----        | 340,097      | 113,269                            | 81,577                    | 145,251                           | 33.3                               | 24.0                      | 42.7                              |
| 1942-----        | 322,062      | 98,712                             | 77,416                    | 145,938                           | 30.6                               | 24.0                      | 45.3                              |
| 1941-----        | 308,524      | 89,587                             | 71,798                    | 147,139                           | 29.0                               | 23.3                      | 47.7                              |
| 1940-----        | 292,446      | 78,091                             | 70,525                    | 143,830                           | 26.7                               | 24.1                      | 49.2                              |
| 1935-----        | 267,093      | 48,655                             | 70,561                    | 147,877                           | 18.2                               | 26.4                      | 55.4                              |

<sup>1</sup>It is assumed that all births in hospitals are attended by physicians.

<sup>24</sup>The term "attended by physicians" as used in this report includes births attended by physicians out of hospitals and all births in hospitals or institutions. Births are classified as occurring "in hospital or institution" on the basis of entries made on the birth certificate without regard to American Medical Association (AMA) registered hospital listings. Hence, numbers released by the National Office of Vital Statistics differ somewhat from those published by the AMA. In comparing data from the two sources, it should also be borne in mind that the surveys on which the AMA figures are based cover a reporting period for October 1 to September 30, whereas the data of this Office are for the calendar year.

interruptedly. The magnitude of the change, however, has been somewhat irregular, with especially large increases occurring during World War II.

In 1947 and 1948, close to 95 percent of all registered live births were attended by physicians in or out of hospitals. As has been the case in every year since 1935, the percentage of total births attended by physicians not in hospitals decreased in 1948. While in 1935 about 51 percent of the births were delivered at home by physicians, in 1948 the proportion had dropped to 9 percent. Only 1 in 20 births was attended by a midwife or other nonphysician in 1948 as compared with 1 in 8 during 1935. The 1948 proportion represents 186,428 registered births that were delivered without medical attention.

Important changes have occurred since 1935 in the proportions of births delivered in hospitals and by physicians in both the white and nonwhite groups. For white births, the proportion occurring in hospitals increased from 39.6 percent in 1935 to 90.4 percent in 1948. This was accompanied by a sharp reduction in the proportion attended by physicians out of hospitals and by the virtual discontinuance in the use of nonphysicians. In 1948, 98.5 percent of white births were attended by a physician as compared with 93.6 percent in 1935.

In the nonwhite group, there was a marked decrease, particularly in recent years, in the proportion of deliveries not attended by physicians as well as notable increases in the percentage of hospital births. Slightly less than half of the nonwhite births were delivered out of hospitals in 1948, and less than a third were attended by nonphysicians. In 1935, over half of the reported nonwhite births were delivered by midwives and other nonmedical persons.

### Attendant at birth—by race in urban and rural areas

The proportion of births attended by physicians (in or out of hospitals) has increased among urban and rural residents since 1940.<sup>25</sup> The principal rise occurred in the nonwhite rural group, in which about 46 percent received medical attention during 1948 as compared with only 29 percent in 1940. For urban white residents, the proportion was close to the 100 percent mark during the whole period. In 1948, as in 1940, rural white residents were more likely to have a physician at childbirth than urban or rural nonwhite residents. The interval between the proportions of physician-attended births for these groups was smaller in 1948 than 1940. The percentages of births attended by physicians (in or out of hospitals) by place of residence for 1940 and 1948 follow:

| Area     | All races |      | White |      | Nonwhite |      |
|----------|-----------|------|-------|------|----------|------|
|          | 1948      | 1940 | 1948  | 1940 | 1948     | 1940 |
| Urban--- | 97.9      | 96.9 | 99.2  | 98.7 | 88.1     | 80.8 |
| Rural--- | 90.2      | 83.6 | 97.4  | 93.6 | 46.3     | 28.9 |

The contrast between the 1940 and 1948 proportions of births to urban and rural white and nonwhite residents occurring in hospitals is even greater:

| Area     | All races |      | White |      | Nonwhite |      |
|----------|-----------|------|-------|------|----------|------|
|          | 1948      | 1940 | 1948  | 1940 | 1948     | 1940 |
| Urban--- | 94.0      | 76.0 | 96.5  | 78.6 | 75.8     | 51.4 |
| Rural--- | 73.4      | 32.3 | 81.4  | 36.6 | 24.4     | 8.6  |

<sup>25</sup>The earliest tabulations of births by person in attendance for urban and rural residents are for 1939. Data allocated to place of residence of the mother are used as they give a more accurate indication of the use of hospital services by inhabitants of an area than data based on place of birth.

All groups utilized hospital facilities for confinements far more often in 1948 than in 1940. An outstanding change occurred in the rural white group, where the proportion rose from 36.6 percent to 81.4 percent. Although the increase among rural nonwhite residents was appreciable, the great majority of the births (3 out of 4) in this group were still being delivered out of hospitals.

### Hospital births by State and geographic division

Table AY shows the percentage of white and nonwhite births occurring in hospitals during 1948 for each State and geographic division by urban and rural residence of mother. Although all areas and groups have, in recent years, made significant progress, these figures indicate that in some parts of the country a high proportion of women were not hospitalized at childbirth in 1948.

In each of the geographic divisions, the proportion of births occurring in hospitals was higher for urban than for rural residents in both the white and nonwhite groups. With regard to white births, the urban-rural differential was largest in the East South Central Division. For nonwhites, the most pronounced variation occurred in the South Atlantic. Very small differences are evident in both the New England and Pacific Divisions in the proportions of hospital births for the urban and rural white populations.

For 1948, there were only 3 States in which less than 90 percent of the live births to urban white residents occurred in hospitals. However, in over 20 States, most of which fall in the South Atlantic, East South Central, and West South Central Divisions, the proportions for rural white and urban nonwhite residents were below 90 percent. Furthermore, in 10 States, less than 25 percent of rural nonwhite births were delivered in hospitals. As in the past, urban and rural nonwhite residents showed lower proportions of births in hospitals than corresponding white groups. In 15 States the proportion for rural white residents in 1948 exceeded by 5 percentage points or more the same figure for urban nonwhite residents.

Note.—The discussion in the preceding sections on person in attendance has been based on tabulated data for registered births. If allowance is made for underregistration, the proportion of births occurring in hospitals is slightly lowered. It is estimated that 83.2 percent of total births (registered and unregistered combined) were delivered in hospitals.<sup>26</sup> This is the general order of magnitude of the differences in each year beginning with 1935. The slopes of the trend lines (1935 through 1948) as determined by the two sets of percentages are very similar. Greater differences are found in the two percentages among nonwhites than among whites, and data corrected and uncorrected for underregistration in some States would probably also show larger differences. In 1948, the figures for the two race groups, taking into consideration estimates of unregistered births, were 89.2 percent for the white and 47.3 percent for the nonwhite races. These are 1.2 and 5.6 percentage points below the comparable figures based on registered births.

Detailed statistics of births by type of attendant and place of residence are given in table 1, Part II. White and nonwhite races are shown separately for those counties and urban places in which nonwhites formed 10 percent or more of the total population in 1940, or numbered 10,000 or more. Table 3 in this volume presents these data by place of occurrence, excluding the race breakdown.

<sup>26</sup>Percentages of registration completeness for births occurring in institutions and for births outside of institutions determined from the 1940 birth registration test (Vital Statistics—Special Reports, vol. 23, No. 8) were used to derive these estimates.

TABLE AY.—PERCENT OF LIVE BIRTHS OCCURRING IN HOSPITALS BY RACE; URBAN AND RURAL: UNITED STATES, EACH DIVISION AND STATE, 1948

(By place of residence)

| AREA                      | ALL RACES |       |       | WHITE |       |       | NONWHITES |       |       |
|---------------------------|-----------|-------|-------|-------|-------|-------|-----------|-------|-------|
|                           | Total     | Urban | Rural | Total | Urban | Rural | Total     | Urban | Rural |
| UNITED STATES-----        | 85.6      | 94.0  | 75.4  | 90.4  | 96.5  | 81.4  | 52.9      | 75.9  | 24.4  |
| GEOGRAPHIC DIVISIONS      |           |       |       |       |       |       |           |       |       |
| New England-----          | 97.1      | 98.3  | 93.6  | 97.1  | 98.4  | 93.6  | 95.9      | 96.3  | 88.7  |
| Middle Atlantic-----      | 95.3      | 97.4  | 88.9  | 95.6  | 97.9  | 89.1  | 92.8      | 93.7  | 80.7  |
| East North Central-----   | 94.3      | 96.6  | 89.6  | 95.1  | 97.9  | 89.9  | 93.6      | 84.4  | 69.3  |
| West North Central-----   | 92.1      | 96.8  | 87.0  | 92.5  | 97.3  | 87.5  | 90.5      | 86.7  | 60.5  |
| South Atlantic-----       | 69.3      | 86.5  | 56.9  | 82.6  | 95.9  | 72.9  | 86.6      | 62.7  | 18.6  |
| East South Central-----   | 57.5      | 80.3  | 45.2  | 68.8  | 92.6  | 57.6  | 25.6      | 46.9  | 15.1  |
| West South Central-----   | 74.7      | 84.4  | 65.3  | 80.7  | 87.1  | 72.5  | 50.1      | 71.1  | 50.9  |
| Mountain-----             | 90.5      | 94.5  | 86.0  | 91.0  | 94.6  | 86.6  | 80.9      | 90.8  | 76.5  |
| Pacific-----              | 98.1      | 98.6  | 97.1  | 98.3  | 98.8  | 97.5  | 95.7      | 96.2  | 93.1  |
| NEW ENGLAND               |           |       |       |       |       |       |           |       |       |
| Maine-----                | 90.2      | 96.9  | 86.0  | 90.2  | 96.9  | 86.0  | 90.9      | 95.5  | 81.8  |
| New Hampshire-----        | 98.3      | 99.5  | 96.6  | 98.3  | 99.5  | 96.6  | 94.1      | 92.9  | 100.0 |
| Vermont-----              | 91.6      | 97.8  | 87.9  | 91.6  | 97.8  | 87.9  | 100.0     | -     | 100.0 |
| Massachusetts-----        | 99.1      | 98.2  | 97.4  | 98.2  | 98.3  | 97.5  | 94.8      | 95.5  | 75.3  |
| Rhode Island-----         | 98.2      | 98.2  | 98.3  | 98.3  | 98.2  | 98.3  | 97.4      | 97.4  | 96.3  |
| Connecticut-----          | 98.8      | 99.0  | 98.5  | 98.9  | 99.0  | 98.5  | 97.0      | 97.1  | 95.8  |
| MIDDLE ATLANTIC           |           |       |       |       |       |       |           |       |       |
| New York-----             | 97.8      | 98.4  | 95.2  | 98.0  | 98.7  | 95.3  | 95.5      | 95.8  | 87.5  |
| New Jersey-----           | 96.8      | 97.4  | 94.7  | 97.4  | 97.9  | 96.5  | 90.8      | 82.7  | 80.0  |
| Pennsylvania-----         | 91.4      | 95.9  | 82.2  | 91.5  | 96.4  | 82.3  | 89.9      | 90.9  | 76.2  |
| EAST NORTH CENTRAL        |           |       |       |       |       |       |           |       |       |
| Ohio-----                 | 93.6      | 96.9  | 86.1  | 94.0  | 97.7  | 86.3  | 88.3      | 88.6  | 70.7  |
| Indiana-----              | 90.8      | 94.0  | 86.0  | 92.0  | 96.2  | 86.1  | 88.5      | 89.0  | 50.4  |
| Illinois-----             | 94.6      | 95.9  | 90.5  | 96.1  | 97.9  | 90.9  | 80.3      | 80.9  | 62.2  |
| Michigan-----             | 95.8      | 97.4  | 92.5  | 96.4  | 98.4  | 92.9  | 88.3      | 89.6  | 66.2  |
| Wisconsin-----            | 96.5      | 98.8  | 93.5  | 96.5  | 99.0  | 93.6  | 90.4      | 90.8  | 89.8  |
| WEST NORTH CENTRAL        |           |       |       |       |       |       |           |       |       |
| Minnesota-----            | 97.3      | 99.0  | 95.1  | 97.3  | 99.0  | 95.1  | 92.8      | 95.1  | 90.6  |
| Iowa-----                 | 95.4      | 98.4  | 92.6  | 95.4  | 98.5  | 92.6  | 93.5      | 95.5  | 70.0  |
| Missouri-----             | 82.5      | 95.4  | 67.4  | 82.9  | 94.3  | 68.7  | 77.6      | 87.2  | 26.7  |
| North Dakota-----         | 94.7      | 99.1  | 93.0  | 94.9  | 99.2  | 93.1  | 87.2      | 96.6  | 86.4  |
| South Dakota-----         | 93.3      | 97.6  | 90.9  | 93.7  | 97.6  | 91.4  | 84.3      | 93.8  | 84.0  |
| Nebraska-----             | 95.4      | 98.0  | 93.0  | 95.4  | 98.1  | 93.0  | 93.1      | 94.1  | 89.4  |
| Kansas-----               | 93.6      | 96.4  | 90.4  | 94.4  | 97.8  | 90.6  | 75.8      | 77.3  | 63.1  |
| SOUTH ATLANTIC            |           |       |       |       |       |       |           |       |       |
| Delaware-----             | 90.2      | 96.5  | 83.3  | 95.8  | 98.9  | 82.4  | 80.7      | 83.2  | 37.0  |
| Maryland-----             | 93.7      | 96.1  | 80.7  | 93.9  | 92.9  | 86.7  | 60.6      | 66.9  | 49.9  |
| District of Columbia----- | 98.8      | 98.8  | ...   | 99.7  | 99.7  | ...   | 97.5      | 97.5  | ...   |
| Virginia-----             | 69.9      | 86.4  | 58.3  | 80.0  | 96.2  | 70.4  | 36.5      | 58.7  | 22.6  |
| West Virginia-----        | 61.7      | 81.5  | 49.1  | 63.3  | 83.2  | 50.6  | 34.2      | 61.7  | 22.7  |
| North Carolina-----       | 68.9      | 87.0  | 58.5  | 82.3  | 96.8  | 76.0  | 33.9      | 64.0  | 22.5  |
| South Carolina-----       | 52.5      | 77.1  | 40.1  | 81.7  | 93.9  | 72.7  | 16.9      | 38.2  | 10.8  |
| Georgia-----              | 65.8      | 83.0  | 54.5  | 85.9  | 96.1  | 79.0  | 30.2      | 58.1  | 13.0  |
| Florida-----              | 76.7      | 84.9  | 65.6  | 90.9  | 97.4  | 82.0  | 39.3      | 52.2  | 21.2  |
| EAST SOUTH CENTRAL        |           |       |       |       |       |       |           |       |       |
| Kentucky-----             | 59.3      | 86.1  | 44.7  | 59.0  | 89.5  | 45.3  | 48.3      | 61.3  | 26.7  |
| Tennessee-----            | 68.6      | 85.3  | 57.2  | 73.5  | 93.5  | 62.0  | 45.6      | 61.8  | 23.1  |
| Alabama-----              | 56.6      | 77.0  | 44.8  | 74.5  | 93.6  | 63.4  | 26.1      | 48.7  | 13.0  |
| Mississippi-----          | 42.9      | 67.6  | 34.2  | 77.6  | 95.4  | 68.7  | 13.8      | 28.6  | 10.1  |
| WEST SOUTH CENTRAL        |           |       |       |       |       |       |           |       |       |
| Arkansas-----             | 59.5      | 81.8  | 49.2  | 72.9  | 92.2  | 63.3  | 18.4      | 42.5  | 9.5   |
| Louisiana-----            | 77.4      | 90.8  | 65.0  | 89.5  | 96.6  | 82.4  | 58.4      | 80.8  | 40.1  |
| Oklahoma-----             | 82.7      | 92.9  | 72.1  | 85.5  | 95.8  | 74.8  | 59.7      | 68.4  | 51.4  |
| Texas-----                | 75.4      | 81.2  | 65.7  | 76.7  | 82.8  | 71.6  | 53.4      | 69.3  | 29.0  |
| MOUNTAIN                  |           |       |       |       |       |       |           |       |       |
| Montana-----              | 97.8      | 99.2  | 96.4  | 98.3  | 99.3  | 97.3  | 88.0      | 94.4  | 87.4  |
| Idaho-----                | 98.1      | 98.9  | 97.4  | 98.1  | 98.9  | 97.4  | 94.7      | 98.3  | 93.3  |
| Wyoming-----              | 95.4      | 96.6  | 94.2  | 95.8  | 96.6  | 95.0  | 80.2      | 97.7  | 75.0  |
| Colorado-----             | 92.2      | 95.6  | 86.6  | 92.1  | 95.6  | 86.5  | 94.0      | 94.6  | 91.2  |
| New Mexico-----           | 66.6      | 79.5  | 57.0  | 66.5  | 79.2  | 56.3  | 68.8      | 89.6  | 64.1  |
| Arizona-----              | 90.0      | 91.9  | 87.2  | 91.4  | 92.3  | 90.0  | 78.6      | 85.8  | 75.5  |
| Utah-----                 | 98.1      | 98.9  | 96.9  | 98.1  | 98.9  | 96.9  | 95.4      | 95.8  | 95.1  |
| Nevada-----               | 97.9      | 99.1  | 96.6  | 98.8  | 99.7  | 97.9  | 85.0      | 89.0  | 82.6  |
| PACIFIC                   |           |       |       |       |       |       |           |       |       |
| Washington-----           | 98.8      | 99.4  | 97.7  | 98.8  | 99.4  | 97.8  | 97.6      | 99.7  | 92.5  |
| Oregon-----               | 98.8      | 99.6  | 97.9  | 98.9  | 99.6  | 98.0  | 96.0      | 97.9  | 93.8  |
| California-----           | 97.9      | 98.3  | 96.8  | 98.1  | 98.5  | 96.9  | 95.5      | 95.9  | 93.2  |

NOTE.—Each percent is obtained from the ratio between (a) number of resident births in each specified race and urban-rural group occurring in hospitals and (b) the total number of births in each race and urban-rural group. Percents are not additive.

## STILLBIRTH STATISTICS

## Definition and reporting of stillbirths

Differences in the definition of a stillbirth and in the completeness with which stillbirths are registered are two of the most important factors affecting the comparability of stillbirth statistics for the United States.

The United States definition of a stillbirth for registration purposes reads, "A fetus showing no evidence of life after complete birth (no action of heart, breathing, or movement of voluntary muscle), if the 20th week of gestation has been reached, should be registered as a stillbirth."<sup>27</sup>

State definitions of a stillbirth vary considerably not only with respect to the criteria for determining the absence of life but also as to the minimum gestation age<sup>28</sup> for which a still-

<sup>27</sup>Bureau of the Census, "Manual of the International List of Causes of Death and Joint Causes of Death," Government Printing Office, Washington, D. C., 1940.

<sup>28</sup>The difficulties in reckoning gestation age are discussed in a recent report, "Stillbirth Statistics by Period of Gestation: United States and Each State, 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 25, No. 17, 1947

birth report is required. In the great majority of States, the minimum gestation age is variously defined as "advanced to the fifth month," "reached the 20th week," "after at least 20 weeks," or "5 months (20 weeks) or more." New York City requires the reporting of any product of conception, while for three States the minimum gestation period ranges from 6 to 7 months.<sup>29</sup> Such differences have made it difficult to compile uniform stillbirth statistics for the United States.

Table AZ gives the number of stillbirths registered in each State by month of gestation for 1948. It will be noticed that while most cases conform to the State's definition, some stillbirths of less than the minimum gestation period requirement are reported. It will also be noticed that information on the important item of gestation age is lacking for 10,242, or 12.3 percent of the total. The number of stillbirths for which gestation age was not reported varied by State in 1948 from one or two in a few States to all cases in Massachusetts where the reporting of gestation age is not required.

As a step toward achieving a more uniform basis for the compilation of stillbirth data, stillbirths of less than 20 weeks

<sup>29</sup>Rhode Island requests that all products of conception be registered, but only certificates for stillbirths of six completed months of gestation are used for statistical purposes.

TABLE AZ.—STILLBIRTHS BY PERIOD OF GESTATION: UNITED STATES AND EACH STATE, 1948

(By place of occurrence)

| AREA                               | Total  | Under 1 month | 1 month | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months and over | Not stated |
|------------------------------------|--------|---------------|---------|----------|----------|----------|----------|----------|----------|----------|-------------------|------------|
| UNITED STATES                      | 85,021 | 81            | 1,654   | 3,994    | 2,315    | 2,159    | 6,402    | 7,480    | 9,013    | 8,471    | 31,250            | 10,242     |
| Alabama                            | 2,293  | -             | -       | 1        | -        | 18       | 150      | 214      | 258      | 218      | 1,102             | 332        |
| Arizona                            | 350    | -             | -       | -        | -        | 1        | 30       | 42       | 54       | 35       | 171               | 17         |
| Arkansas                           | 929    | -             | -       | -        | -        | 2        | 44       | 93       | 109      | 108      | 477               | 96         |
| California                         | 3,896  | -             | -       | 1        | 1        | 17       | 446      | 492      | 629      | 613      | 1,627             | 70         |
| Colorado                           | 569    | -             | -       | -        | -        | 8        | 44       | 60       | 70       | 58       | 239               | 80         |
| Connecticut <sup>1</sup>           | 611    | 1             | -       | -        | 1        | 14       | 26       | 49       | 66       | 102      | 276               | 56         |
| Delaware                           | 166    | -             | -       | -        | -        | 2        | 8        | 23       | 27       | 19       | 76                | 11         |
| District of Columbia               | 571    | -             | 1       | 4        | 1        | 3        | 35       | 68       | 67       | 72       | 256               | 64         |
| Florida                            | 1,480  | -             | -       | -        | 1        | 3        | 111      | 169      | 200      | 185      | 776               | 35         |
| Georgia                            | 2,454  | -             | -       | -        | 5        | 12       | 165      | 293      | 385      | 381      | 1,119             | 94         |
| Idaho <sup>2</sup>                 | 227    | -             | -       | -        | -        | 1        | 19       | 29       | 19       | 21       | 92                | 46         |
| Illinois                           | 3,270  | -             | -       | -        | 9        | 56       | 297      | 361      | 443      | 432      | 1,581             | 89         |
| Indiana                            | 1,547  | 1             | -       | -        | 2        | 16       | 107      | 152      | 191      | 186      | 784               | 108        |
| Iowa                               | 954    | -             | -       | -        | 1        | 13       | 67       | 89       | 122      | 102      | 453               | 87         |
| Kansas                             | 688    | -             | -       | -        | 3        | 9        | 41       | 69       | 87       | 81       | 273               | 125        |
| Kentucky                           | 1,469  | -             | -       | -        | 2        | 5        | 52       | 77       | 74       | 69       | 641               | 549        |
| Louisiana                          | 1,685  | -             | -       | -        | 2        | 14       | 140      | 201      | 323      | 295      | 870               | 40         |
| Maine                              | 366    | -             | -       | -        | -        | 1        | 27       | 33       | 53       | 51       | 199               | 2          |
| Maryland                           | 1,225  | 1             | 4       | 4        | 29       | 42       | 133      | 135      | 133      | 153      | 489               | 106        |
| Massachusetts                      | 1,904  | -             | -       | -        | -        | -        | -        | -        | -        | -        | -                 | 1,904      |
| Michigan                           | 3,102  | -             | -       | -        | 3        | 23       | 281      | 338      | 414      | 327      | 1,554             | 162        |
| Minnesota                          | 1,290  | -             | 2       | -        | -        | -        | 94       | 112      | 142      | 142      | 511               | 287        |
| Mississippi                        | 2,002  | -             | -       | -        | -        | 5        | 141      | 209      | 263      | 249      | 1,092             | 43         |
| Missouri                           | 1,916  | -             | -       | 1        | 12       | 63       | 216      | 212      | 221      | 212      | 946               | 15         |
| Montana                            | 231    | -             | -       | -        | -        | -        | 23       | 29       | 25       | 34       | 119               | 1          |
| Nebraska                           | 533    | -             | -       | -        | 1        | 8        | 55       | 55       | 60       | 69       | 237               | 48         |
| Nevada                             | 78     | -             | -       | -        | -        | 2        | 10       | 11       | 9        | 9        | 34                | 3          |
| New Hampshire                      | 247    | -             | 1       | -        | -        | 4        | 19       | 28       | 35       | 29       | 127               | 4          |
| New Jersey                         | 1,958  | -             | -       | 4        | 24       | 54       | 153      | 169      | 240      | 213      | 825               | 276        |
| New Mexico                         | 417    | -             | -       | -        | -        | 1        | 27       | 41       | 53       | 46       | 243               | 6          |
| New York (excluding New York City) | 2,778  | -             | -       | -        | 3        | 38       | 262      | 369      | 422      | 499      | 1,126             | 59         |
| New York City <sup>3</sup>         | 13,982 | 61            | 1,624   | 3,975    | 2,174    | 1,240    | 892      | 547      | 485      | 356      | 1,717             | 889        |
| North Carolina                     | 2,686  | -             | -       | 1        | 1        | 24       | 194      | 324      | 391      | 410      | 1,288             | 53         |
| North Dakota                       | 241    | -             | -       | -        | 1        | 4        | 22       | 18       | 22       | 28       | 116               | 30         |
| Ohio                               | 3,883  | -             | -       | 1        | 13       | 152      | 490      | 393      | 456      | 469      | 1,390             | 499        |
| Oklahoma                           | 928    | -             | 1       | 1        | 3        | 12       | 57       | 74       | 113      | 110      | 403               | 154        |
| Oregon                             | 527    | -             | -       | -        | -        | 5        | 52       | 49       | 77       | 88       | 207               | 49         |
| Pennsylvania                       | 4,765  | -             | -       | -        | 11       | 175      | 523      | 537      | 666      | 517      | 2,318             | 18         |
| Rhode Island <sup>4</sup>          | 285    | -             | -       | -        | -        | 1        | 7        | 29       | 41       | 31       | 172               | 4          |
| South Carolina                     | 1,635  | -             | -       | -        | -        | -        | 83       | 149      | 213      | 192      | 784               | 234        |
| South Dakota                       | 226    | -             | -       | -        | 3        | 6        | 17       | 12       | 31       | 27       | 101               | 29         |
| Tennessee                          | 1,818  | -             | -       | -        | -        | -        | 134      | 180      | 254      | 213      | 1,036             | 1          |
| Texas                              | 4,422  | -             | 2       | -        | 2        | 28       | 166      | 276      | 251      | 168      | 759               | 2,770      |
| Utah                               | 303    | -             | -       | -        | -        | 2        | 39       | 25       | 33       | 50       | 120               | 34         |
| Vermont <sup>5</sup>               | 169    | -             | -       | -        | -        | 3        | 9        | 11       | 21       | 24       | 86                | 15         |
| Virginia                           | 2,136  | -             | -       | 1        | 4        | 32       | 145      | 231      | 259      | 226      | 895               | 334        |
| Washington                         | 790    | -             | -       | -        | -        | 1        | 81       | 96       | 109      | 134      | 359               | 10         |
| West Virginia <sup>6</sup>         | 1,359  | -             | -       | -        | 2        | 13       | 123      | 128      | 137      | 132      | 555               | 267        |
| Wisconsin                          | 1,365  | -             | -       | -        | 1        | 5        | 134      | 151      | 220      | 246      | 595               | 13         |
| Wyoming                            | 126    | -             | -       | -        | -        | 1        | 11       | 7        | 21       | 18       | 54                | 14         |

<sup>1</sup>Requires reporting of stillbirths of not less than 28 weeks or measuring at least 13.8 inches.

<sup>2</sup>Minimum gestation period not specified.

<sup>3</sup>Requires reporting of any product of conception.

<sup>4</sup>Requests that all products of conception be registered, but only certificates for stillbirths of six completed months of gestation are used for statistical purposes.

<sup>5</sup>Minimum gestation period, 5 $\frac{1}{2}$  months.

<sup>6</sup>Requires reporting of stillbirths advanced to 5 months gestation or a total length of 10 inches.

or 5 months gestation are excluded from all tables in Part II of this volume and from tables BB, BC, VIII, and 10 in Part I. However, all stillbirths for which gestation age was not stated are included in these tables since it seems reasonable to assume, on the basis of reporting practice, that few are under 20 weeks or 5 months and that this small number would not justify distribution by age.

Stillbirth registration is far from complete. A recent study<sup>30</sup> conducted in New York City, where registration is probably more complete than for the country as a whole, indicates that of 2,045 fetal deaths 44 percent were not reported. The proportion not reported varied from 67 percent for those occurring in the first trimester of pregnancy to 14 percent for those occurring in the third trimester. Although little or no quantitative information is available regarding the extent of underregistration elsewhere, it is considered to be quite large and to vary with geographic area, with race, and with other characteristics of the population.

**Trend of the stillbirth ratio**

Stillbirth ratios by race are shown in table BA for the birth-registration States for the years 1922 through 1948. The ratios are computed for all stillbirths reported, regardless of gestation period, because data by period of gestation are not available for the birth-registration States for the years before 1942.

TABLE BA.—STILLBIRTH RATIOS BY RACE: BIRTH-REGISTRATION STATES, 1922-48

(Includes all stillbirths reported, regardless of stated period of gestation. Ratios per 1,000 live births in each specified group)

| YEAR | All races | White | Non-white | YEAR | All races | White | Non-white |
|------|-----------|-------|-----------|------|-----------|-------|-----------|
| 1948 | 23.5      | 20.9  | 41.3      | 1934 | 36.2      | 31.4  | 70.1      |
| 1947 | 23.7      | 21.1  | 44.2      | 1933 | 37.0      | 32.2  | 71.1      |
| 1946 | 25.6      | 23.2  | 44.2      | 1932 | 37.8      | 32.7  | 74.4      |
| 1945 | 26.6      | 24.1  | 44.6      | 1931 | 38.2      | 33.4  | 74.1      |
| 1944 | 27.0      | 24.5  | 45.4      | 1930 | 39.2      | 34.0  | 79.9      |
| 1943 | 26.7      | 24.2  | 46.2      | 1929 | 39.5      | 34.4  | 79.7      |
| 1942 | 28.2      | 25.5  | 49.3      | 1928 | 40.2      | 35.0  | 81.5      |
| 1941 | 29.9      | 26.5  | 54.0      | 1927 | 38.8      | 34.8  | 74.8      |
| 1940 | 31.3      | 27.7  | 56.7      | 1926 | 36.1      | 35.1  | 75.0      |
| 1939 | 32.0      | 28.2  | 59.0      | 1925 | 36.1      | 35.1  | 75.1      |
| 1938 | 32.1      | 28.1  | 61.1      | 1924 | 39.3      | 35.8  | 76.2      |
| 1937 | 33.4      | 29.2  | 63.2      | 1923 | 38.9      | 35.9  | 71.8      |
| 1936 | 34.4      | 29.9  | 66.9      | 1922 | 39.4      | 36.4  | 73.4      |
| 1935 | 35.8      | 31.1  | 68.7      |      |           |       |           |

NOTE.—Data relating to stillbirths were collected for 1918 but not for the years 1919 to 1921, inclusive.

The stillbirth ratio for the birth-registration States showed no significant change for nearly a decade, remaining at about 39 per 1,000 live births through 1930. Since then, the ratio has dropped 40 percent from 39.2 per 1,000 live births in 1930 to 23.5 in 1948. The relative decline has been somewhat greater for the nonwhite than for the white population. While the ratio for the white population declined 39 percent, from 34.0 in 1930 to 20.9 in 1948, the ratio for the nonwhite races decreased 48 percent, from 79.9 to 41.3. Although no data are available to show that completeness of stillbirth registration has improved since 1930, there is no reason to believe that it has decreased; nor would the possible decrease in the number of reportable stillbirths resulting from changes in State definitions appear sufficient to account for the observed decline in the stillbirth ratio. It is likely, therefore, that the decline in the stillbirth ratio since 1930 represents a real reduction in fetal loss.

<sup>30</sup>Baumgartner, Leona; Wallace, Helen M.; Landsberg, Eva; and Pessin, Vivian, "The Inadequacy of Routine Reporting of Fetal Deaths," as evidenced by a comparison of such reporting with maternity cases paid for under the Emergency Maternity and Infant Care (EMIC) Program, Amer. J. Public Health, vol. 39, No. 12, pp. 1549-1552, December 1949.

**Stillbirth ratios by State**

Table BB gives stillbirth ratios for 1948 by race for each State and geographic division by place of residence. These ratios, as noted previously, are computed only for stillbirths of 20 weeks or more gestation including the "Not stated" group. The ratios for the total population range from 13.3 per 1,000 live births for residents of South Dakota to 30.5 for

TABLE BB.—STILLBIRTH RATIOS BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1948

(By place of residence. Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births in each specified group)

| AREA                 | All races | White | Nonwhite |
|----------------------|-----------|-------|----------|
| UNITED STATES        | 20.6      | 18.3  | 36.5     |
| GEOGRAPHIC DIVISIONS |           |       |          |
| New England          | 17.8      | 17.6  | 28.0     |
| Middle Atlantic      | 22.5      | 21.0  | 40.4     |
| East North Central   | 18.5      | 17.7  | 30.1     |
| West North Central   | 17.3      | 16.5  | 37.0     |
| South Atlantic       | 25.2      | 19.4  | 39.2     |
| East South Central   | 24.2      | 19.1  | 37.4     |
| West South Central   | 22.1      | 18.6  | 36.5     |
| Mountain             | 16.7      | 16.2  | 27.9     |
| Pacific              | 15.6      | 15.1  | 22.4     |
| NEW ENGLAND          |           |       |          |
| Maine                | 16.6      | 16.7  | 0        |
| New Hampshire        | 18.7      | 18.5  | 117.6    |
| Vermont              | 18.7      | 18.7  | 0        |
| Massachusetts        | 19.4      | 19.1  | 31.3     |
| Rhode Island         | 17.3      | 17.0  | 28.8     |
| Connecticut          | 24.4      | 14.1  | 25.2     |
| MIDDLE ATLANTIC      |           |       |          |
| New York             | 25.2      | 22.9  | 50.4     |
| New Jersey           | 19.5      | 18.4  | 31.3     |
| Pennsylvania         | 20.2      | 19.4  | 30.3     |
| EAST NORTH CENTRAL   |           |       |          |
| Ohio                 | 20.0      | 18.9  | 33.0     |
| Indiana              | 16.4      | 15.5  | 33.3     |
| Illinois             | 17.8      | 16.9  | 28.1     |
| Michigan             | 20.0      | 19.0  | 31.5     |
| Wisconsin            | 16.7      | 16.6  | 28.0     |
| WEST NORTH CENTRAL   |           |       |          |
| Minnesota            | 17.7      | 17.5  | 41.3     |
| Iowa                 | 14.8      | 14.8  | 19.6     |
| Missouri             | 20.9      | 18.8  | 42.9     |
| North Dakota         | 14.3      | 14.0  | 27.3     |
| South Dakota         | 13.3      | 13.1  | 18.4     |
| Nebraska             | 16.8      | 16.6  | 26.4     |
| Kansas               | 16.0      | 15.4  | 29.3     |
| SOUTH ATLANTIC       |           |       |          |
| Delaware             | 21.8      | 18.9  | 36.8     |
| Maryland             | 22.5      | 18.8  | 36.7     |
| District of Columbia | 21.0      | 15.1  | 30.5     |
| Virginia             | 26.2      | 20.9  | 41.7     |
| West Virginia        | 25.7      | 24.8  | 41.6     |
| North Carolina       | 24.3      | 18.0  | 37.5     |
| South Carolina       | 28.2      | 17.8  | 40.9     |
| Georgia              | 26.1      | 19.0  | 38.7     |
| Florida              | 24.8      | 17.6  | 44.0     |
| EAST SOUTH CENTRAL   |           |       |          |
| Kentucky             | 19.0      | 18.4  | 27.7     |
| Tennessee            | 21.3      | 18.9  | 32.5     |
| Alabama              | 26.8      | 20.0  | 38.6     |
| Mississippi          | 30.5      | 19.5  | 39.8     |
| WEST SOUTH CENTRAL   |           |       |          |
| Arkansas             | 19.1      | 16.6  | 26.8     |
| Louisiana            | 25.5      | 17.1  | 38.8     |
| Oklahoma             | 18.8      | 17.2  | 31.3     |
| Texas                | 22.3      | 19.7  | 39.5     |
| MOUNTAIN             |           |       |          |
| Montana              | 15.7      | 15.3  | 22.7     |
| Idaho                | 13.9      | 13.9  | 19.3     |
| Wyoming              | 16.7      | 16.3  | 31.3     |
| Colorado             | 16.8      | 16.6  | 30.0     |
| New Mexico           | 20.7      | 20.4  | 24.4     |
| Arizona              | 17.6      | 15.6  | 32.9     |
| Utah                 | 14.4      | 14.2  | 24.3     |
| Nevada               | 19.5      | 19.1  | 24.4     |
| PACIFIC              |           |       |          |
| Washington           | 14.1      | 13.9  | 18.1     |
| Oregon               | 15.0      | 14.8  | 25.6     |
| California           | 16.0      | 15.5  | 22.7     |

residents of Mississippi. By geographic division, the ratios range from 15.6 for the Pacific States to 25.2 for the South Atlantic. In every geographic division, the ratio for the nonwhite races is higher than that for the white population. It is difficult, however, to interpret these geographic differences in the stillbirth ratio because of differences from State to State in registration completeness and in the definition of a stillbirth.

**Stillbirth ratios by age of mother and race**

In relation to the number of live births, stillbirths are much more frequent in the nonwhite than in the white population. The stillbirth ratio for the nonwhite population of the United States in 1948 was 36.5 per 1,000 live births. This was twice as high as the corresponding ratio (18.3) for the white population.

Table BC gives stillbirth ratios by age of mother and race for the United States in 1948. In both race groups, the stillbirth ratio is at a minimum among women in the age group 20-24 years and increases with increasing age of mother. At every age, the ratio for the nonwhite population is higher than that for the white population.

TABLE BC.—STILLBIRTH RATIOS BY AGE OF MOTHER AND RACE: UNITED STATES, 1948

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births in each specified group)

| AGE OF MOTHER               | All races | White | Nonwhite |
|-----------------------------|-----------|-------|----------|
| ALL AGES <sup>2</sup> ----- | 20.6      | 18.3  | 36.5     |
| Under 15 years-----         | 35.6      | 24.0  | 42.2     |
| 15-19 years-----            | 18.5      | 15.2  | 29.7     |
| 20-24 years-----            | 15.8      | 13.9  | 28.7     |
| 25-29 years-----            | 17.6      | 15.8  | 33.8     |
| 30-34 years-----            | 23.1      | 20.7  | 45.2     |
| 35-39 years-----            | 32.6      | 29.2  | 58.1     |
| 40-44 years-----            | 46.7      | 42.6  | 76.6     |
| 45 years and over-----      | 74.0      | 70.3  | 91.5     |

<sup>1</sup>Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

**MORTALITY STATISTICS**

A total of 1,444,337 deaths was registered in the United States in 1948. The crude death rate, based on the estimated population excluding armed forces overseas, was 9.9 per 1,000 population. This is the lowest crude death rate that has ever been recorded for the country. The previous low was 10.0 in 1946.

**Trend of the crude death rate**

Table BD gives the number of deaths and the crude death rates for the death-registration States for each year from 1900 through 1948. In 1900, the first year in which mortality statistics were collected on an annual basis for the registration area, the crude death rate was 17.2 per 1,000 estimated population. Since then the death rate has decreased approximately two-fifths. The decline has been fairly continuous, the only major interruption occurring in 1918, when the death rate rose to 18.1 as a result of the influenza pandemic. These figures are for an expanding geographic area, which increased from 10 States and the District of Columbia in 1900 to the entire United States in 1933. Each State with year of admission to the registration area, is listed in table BE.

In the absence of mortality data for the entire United States for the years before 1933, the crude death rates for the expanding registration area are frequently used as an index of the decline in mortality for the country as a whole. Their general downward trend is not misleading. Essentially the same trend is found in the crude death rates for the individual

States, shown in table II.

However, both the level and rate of change of the crude death rates for the expanding registration area have been influenced by changes in the composition of the population of

TABLE BD.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES, 1900-1948  
(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| YEAR      | Estimated midyear population of continental United States <sup>1</sup> | DEATH-REGISTRATION STATES                 |                                    |
|-----------|--|---|------------------------------------|
|           |  | Estimated midyear population <sup>2</sup> | Deaths<br>Number <sup>3</sup> Rate |
| 1948----- | 146,571,000  | 146,114,000                               | 1,444,337 9.9                      |
| 1947----- | 144,024,000  | 143,405,000                               | 1,445,370 10.1                     |
| 1946----- | 141,235,000  | 139,839,000                               | 1,395,617 10.0                     |
| 1945----- | 139,565,518  | 132,018,525                               | 1,401,719 10.6                     |
| 1944----- | 139,063,449  | 132,552,005                               | 1,411,358 10.8                     |
| 1943----- | 136,497,049  | 133,956,319                               | 1,459,544 10.9                     |
| 1942----- | 134,664,924  | 133,770,500                               | 1,385,187 10.4                     |
| 1941----- | 133,202,973  | 133,060,045                               | 1,397,642 10.5                     |
| 1940----- | 131,370,224  | 131,954,144                               | 1,417,269 10.7                     |
| 1939----- | 130,379,718  | 130,875,718                               | 1,387,897 10.6                     |
| 1938----- | 129,824,339  | 129,824,339                               | 1,381,391 10.6                     |
| 1937----- | 129,824,329  | 128,824,829                               | 1,450,427 11.3                     |
| 1936----- | 128,053,180  | 128,053,180                               | 1,479,228 11.6                     |
| 1935----- | 127,250,232  | 127,250,232                               | 1,392,752 10.9                     |
| 1934----- | 126,373,775  | 126,373,775                               | 1,398,903 11.1                     |
| 1933----- | 125,578,763  | 125,578,763                               | 1,342,106 10.7                     |
| 1932----- | 124,840,471  | 118,903,899                               | 1,283,269 10.9                     |
| 1931----- | 124,039,648  | 118,148,987                               | 1,307,273 11.1                     |
| 1930----- | 123,076,741  | 117,239,278                               | 1,327,240 11.3                     |
| 1929----- | 121,769,359  | 115,317,450                               | 1,368,757 11.9                     |
| 1928----- | 120,331,115  | 113,636,150                               | 1,361,887 12.0                     |
| 1927----- | 119,039,062  | 107,064,532                               | 1,211,627 11.3                     |
| 1926----- | 117,399,225  | 105,822,683                               | 1,257,256 12.1                     |
| 1925----- | 115,831,963  | 102,031,555                               | 1,191,808 11.7                     |
| 1924----- | 114,113,463  | 99,318,098                                | 1,151,076 11.6                     |
| 1923----- | 111,949,945  | 96,788,187                                | 1,174,065 12.1                     |
| 1922----- | 110,054,778  | 92,702,901                                | 1,083,952 11.7                     |
| 1921----- | 108,541,489  | 87,814,447                                | 1,009,673 11.5                     |
| 1920----- | 106,466,420  | 86,079,283                                | 1,118,070 13.0                     |
| 1919----- | 104,512,110  | 83,157,982                                | 1,072,263 12.9                     |
| 1918----- | 103,202,801  | 79,008,432                                | 1,430,079 18.1                     |
| 1917----- | 103,265,913  | 70,234,775                                | 981,239 14.0                       |
| 1916----- | 101,965,984  | 66,971,177                                | 924,971 13.8                       |
| 1915----- | 100,549,013  | 61,894,647                                | 815,500 13.2                       |
| 1914----- | 99,117,567   | 60,963,309                                | 810,914 13.3                       |
| 1913----- | 97,226,714   | 56,156,740                                | 802,909 13.6                       |
| 1912----- | 95,331,300   | 54,847,700                                | 745,771 13.6                       |
| 1911----- | 93,867,814   | 53,329,644                                | 749,918 13.9                       |
| 1910----- | 92,406,536   | 47,470,437                                | 696,856 14.7                       |
| 1909----- | 90,491,525   | 44,223,513                                | 630,057 14.2                       |
| 1908----- | 88,708,976   | 38,634,759                                | 587,245 14.7                       |
| 1907----- | 87,000,271   | 34,552,837                                | 550,245 15.9                       |
| 1906----- | 85,436,556   | 33,782,288                                | 531,005 15.7                       |
| 1905----- | 83,819,866   | 21,787,980                                | 345,863 15.9                       |
| 1904----- | 82,164,974   | 21,332,076                                | 349,855 16.4                       |
| 1903----- | 80,632,152   | 20,943,222                                | 327,285 15.6                       |
| 1902----- | 79,180,196   | 20,592,907                                | 318,636 15.5                       |
| 1901----- | 77,585,129   | 20,237,433                                | 332,203 16.4                       |
| 1900----- | 76,094,134   | 19,965,446                                | 343,217 17.2                       |

<sup>1</sup>For 1940-48, includes armed forces overseas.

<sup>2</sup>For 1940-48, excludes armed forces overseas.

<sup>3</sup>For 1940-48, excludes deaths among armed forces overseas.

TABLE BE.—YEAR IN WHICH EACH STATE WAS ADMITTED TO THE DEATH-REGISTRATION AREA

| YEAR | STATE                          | YEAR | STATE                       | YEAR | STATE                |
|------|--------------------------------|------|-----------------------------|------|----------------------|
| 1890 | Massachusetts                  | 1908 | Washington                  | 1919 | Florida              |
|      | New Jersey                     |      | Wisconsin                   |      | Mississippi          |
|      | Dist. of Columbia <sup>1</sup> | 1909 | Ohio                        | 1920 | Nebraska             |
| 1890 | Connecticut                    | 1910 | Minnesota                   | 1922 | Georgia <sup>2</sup> |
|      | Delaware <sup>2</sup>          |      | Montana                     |      | Idaho                |
|      | New Hampshire                  |      | North Carolina <sup>4</sup> |      | Wyoming              |
|      | New York                       |      | Utah                        | 1923 | Iowa                 |
|      | Rhode Island                   | 1911 | Kentucky                    | 1924 | North Dakota         |
|      | Vermont                        |      | Missouri                    | 1925 | Alabama              |
| 1900 | Maine                          | 1913 | Virginia                    |      | West Virginia        |
|      | Michigan                       | 1914 | Kansas                      | 1926 | Arizona              |
|      | Indiana                        | 1916 | South Carolina              | 1927 | Arkansas             |
| 1906 | California                     | 1917 | Tennessee                   | 1928 | Oklahoma             |
|      | Colorado                       | 1918 | Illinois                    | 1929 | Nevada               |
|      | Maryland                       |      | Louisiana                   |      | New Mexico           |
|      | Pennsylvania                   |      | Oregon                      | 1933 | Texas                |
|      | South Dakota <sup>3</sup>      |      |                             |      |                      |

<sup>1</sup>Included in States.

<sup>2</sup>Dropped from the registration area in 1900; readmitted in 1919.

<sup>3</sup>Dropped from the registration area in 1910; readmitted in 1930.

<sup>4</sup>Included only municipalities with populations of 1,000 or more in 1900 (about 16 percent of the total population); the remainder of the State was added to the area in 1916.

<sup>5</sup>Dropped from the registration area in 1925; readmitted in 1928.

the area. During the expansion period of the registration system, the population composition of the area changed frequently by the addition of States whose population varied in age and race distribution as well as in occupational and other characteristics. A second type of change in population composition was brought about by the decline in the birth and death rates, and by restrictions placed on immigration. As a consequence the average age of the population increased.

The influence of the population changes resulting from the growth of the death-registration States may be seen from a comparison of the crude death rates for the expanding area with those for a fixed group of States, the death registration States of 1900 (table BF). Although the trends for both the fixed and the expanding group of registration States are affected to some extent by the aging of the population in the respective areas, the differences between the two may be attributed chiefly to the changing composition of the expanding group of registration States. Since 1906, when 5 States were added to the original area, the rates for the expanding area have been lower than those for the States of 1900. The comparatively low death rates for some of the newly admitted States may have been due partly to less complete registration than in the States of 1900. It is also true that the majority of the newly admitted States were those with a younger population which would be expected to have lower crude death rates.

TABLE BF.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES OF 1900, 1900-1948  
(By place of occurrence. Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| YEAR | Estimated midyear population <sup>1</sup> | Deaths <sup>2</sup> | Crude death rate |
|------|---|---------------------|------------------|
| 1948 | 39,151,000                                | 410,068             | 10.5             |
| 1947 | 38,696,000                                | 410,439             | 10.6             |
| 1946 | 37,668,000                                | 399,454             | 10.6             |
| 1945 | 34,980,000                                | 400,827             | 11.5             |
| 1944 | 34,915,000                                | 401,104             | 11.5             |
| 1943 | 35,154,000                                | 424,163             | 12.1             |
| 1942 | 35,477,000                                | 394,767             | 11.1             |
| 1941 | 35,532,000                                | 391,877             | 11.0             |
| 1940 | 35,435,000                                | 394,650             | 11.1             |
| 1939 | 35,314,889                                | 391,329             | 11.1             |
| 1938 | 35,111,774                                | 386,121             | 11.0             |
| 1937 | 34,932,751                                | 403,351             | 11.5             |
| 1936 | 34,760,511                                | 405,605             | 11.7             |
| 1935 | 34,507,613                                | 398,861             | 11.3             |
| 1934 | 34,211,483                                | 390,206             | 11.4             |
| 1933 | 33,985,324                                | 384,733             | 11.3             |
| 1932 | 33,804,620                                | 383,305             | 11.3             |
| 1931 | 33,689,002                                | 383,830             | 11.4             |
| 1930 | 33,424,483                                | 385,970             | 11.5             |
| 1929 | 32,794,166                                | 406,954             | 12.4             |
| 1928 | 32,017,994                                | 398,826             | 12.5             |
| 1927 | 31,388,197                                | 374,441             | 11.9             |
| 1926 | 31,098,147                                | 400,729             | 12.9             |
| 1925 | 30,708,973                                | 379,877             | 12.4             |
| 1924 | 30,132,895                                | 368,739             | 12.2             |
| 1923 | 29,538,085                                | 380,174             | 12.9             |
| 1922 | 28,994,025                                | 364,935             | 12.6             |
| 1921 | 28,592,224                                | 347,855             | 12.2             |
| 1920 | 28,044,761                                | 388,608             | 13.9             |
| 1919 | 27,635,524                                | 374,615             | 13.6             |
| 1918 | 26,855,633                                | 518,578             | 19.2             |
| 1917 | 26,862,383                                | 403,506             | 15.0             |
| 1916 | 26,572,517                                | 397,698             | 15.0             |
| 1915 | 26,166,198                                | 373,706             | 14.3             |
| 1914 | 25,815,832                                | 371,441             | 14.4             |
| 1913 | 25,367,952                                | 372,895             | 14.7             |
| 1912 | 24,882,050                                | 363,619             | 14.8             |
| 1911 | 24,498,110                                | 388,087             | 15.0             |
| 1910 | 24,130,431                                | 377,015             | 15.6             |
| 1909 | 23,669,456                                | 353,578             | 14.9             |
| 1908 | 23,202,753                                | 351,163             | 15.1             |
| 1907 | 22,757,506                                | 366,658             | 16.1             |
| 1906 | 22,261,578                                | 353,908             | 15.9             |
| 1905 | 21,767,980                                | 345,883             | 15.9             |
| 1904 | 21,332,076                                | 349,655             | 16.4             |
| 1903 | 20,943,222                                | 327,295             | 15.6             |
| 1902 | 20,582,907                                | 318,636             | 15.5             |
| 1901 | 20,237,453                                | 332,203             | 16.4             |
| 1900 | 19,866,446                                | 343,217             | 17.2             |

<sup>1</sup>For 1940-48, excludes armed forces overseas.

<sup>2</sup>For 1940-48, exclusive of deaths among armed forces overseas.

The effect of the changing age structure of the population upon the crude death rates for the expanding group of registration States may be examined by comparing their trend with the trend in the rates adjusted for age (table BL). The rate of decline in the crude death rate for the period 1900 to 1917 was about three times greater than that for the period beginning with 1921. But, when the rates are adjusted for changes in the age composition of the population, the rates of decline in the death rates for the two periods are found to be nearly the same.<sup>31</sup>

Death rates for the period of World War II, which have been computed for the population present in the country, excluding the armed forces overseas, were influenced by the changes in population composition resulting from the withdrawal of young men for duty with the armed forces overseas. Thus, the crude rate became more heavily weighted by the higher mortality of the older age groups in the population. It will be noticed, however, that the total death rate, adjusted for age, declined regularly during the war and postwar years, excepting a rise in 1943 which was associated with an epidemic of influenza.

### Crude death rates by State

The crude death rate by State of residence in 1948 ranged from 7.6 per 1,000 population for Utah to 11.8 for residents of New Hampshire (table BG). In general, the higher rates were among residents of the New England, Middle Atlantic, and North Central Divisions and the lower rates in the Southern and Pacific.

Differences in the crude death rates for States reflect not only differences in mortality but also differences in the age, race, and sex composition of the population. For example, the relatively high death rates for some of the New England and Middle Atlantic States are associated with the older average age of persons living in these areas and therefore do not necessarily indicate less favorable mortality conditions. In addition, it may be assumed that differences in completeness of death registration are a factor in the geographic differences in the crude rates.

Between 1940 and 1948 the crude death rate declined in all except a few States. By geographic division, the percentage change in the rate varied from a decrease of 2.0 percent for the West North Central Division to a drop of 17.5 percent for the Pacific.

In interpreting the year-to-year changes in the crude death rates for the individual States since 1940, it should be kept in mind that the population of each State was affected by the mobilization of young men into the armed forces during the war years and by their demobilization in the latter part of 1945 and 1946. Furthermore, rapid changes occurred in the composition of State populations owing to the internal migration of civilians and of military personnel. It should be noted that a change in the method of estimating State populations may account for part of the differences between the crude death rates for 1947 and 1948.<sup>32</sup>

### Death rates by month

Table BH shows crude death rates by month for the United States for the 9 years 1940 through 1948. From this series of monthly rates it can be seen that the seasonal movement in the crude death rate is characterized by a swing from minimum rates in August and September to maximum rates in the

<sup>31</sup>For detailed analysis, see Moriyama, Iwao M., "Age-Adjusted Death Rates in the United States, 1900-1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 1, 1945.

<sup>32</sup>Bureau of the Census, "Current Population Reports, Population Estimates," Series P-25, No. 26, p. 2, 1949.

winter months. This cycle in the crude death rate for all causes roughly parallels the seasonal changes in the incidence of respiratory disease. The higher death rates for the winter months represent an excess in mortality from a number of causes of death, some of which is associated with an increased mortality from the respiratory diseases. The highest December death rate in the 9-year period, that for December 1943, was associated with an epidemic of influenza which reached its peak at the end of the month.

TABLE 10.—CRUDE DEATH RATES: UNITED STATES, EACH DIVISION AND STATE, 1940, 1947, AND 1948, AND PERCENTAGE CHANGE IN RATE, 1940 TO 1948

(By place of residence. Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 1,000 estimated total midyear population present in area)

| AREA                 | 1948 | 1947 | 1940 | Percentage change 1940 to 1948 |
|----------------------|------|------|------|--------------------------------|
| UNITED STATES        | 9.9  | 10.1 | 10.7 | -7.5                           |
| GEOGRAPHIC DIVISIONS |      |      |      |                                |
| New England          | 11.0 | 10.9 | 11.7 | -6.0                           |
| Middle Atlantic      | 10.7 | 10.8 | 11.2 | -4.5                           |
| East North Central   | 10.2 | 10.5 | 11.0 | -7.5                           |
| West North Central   | 10.0 | 10.3 | 10.2 | -2.0                           |
| South Atlantic       | 9.5  | 9.4  | 10.4 | -10.6                          |
| East South Central   | 9.4  | 9.6  | 10.4 | -9.6                           |
| West South Central   | 8.6  | 8.7  | 9.7  | -11.3                          |
| Mountain             | 9.5  | 9.9  | 10.1 | -5.9                           |
| Pacific              | 9.4  | 9.6  | 11.4 | -17.5                          |
| NEW ENGLAND          |      |      |      |                                |
| Maine                | 11.1 | 11.3 | 12.5 | -11.2                          |
| New Hampshire        | 11.8 | 11.6 | 12.7 | -7.1                           |
| Vermont              | 11.3 | 12.0 | 13.0 | -13.1                          |
| Massachusetts        | 11.3 | 11.2 | 11.9 | -5.0                           |
| Rhode Island         | 11.0 | 11.2 | 11.3 | -2.7                           |
| Connecticut          | 9.8  | 9.7  | 10.6 | -7.5                           |
| MIDDLE ATLANTIC      |      |      |      |                                |
| New York             | 11.1 | 11.1 | 11.1 | 0                              |
| New Jersey           | 10.1 | 10.4 | 11.0 | -8.2                           |
| Pennsylvania         | 10.4 | 10.5 | 11.3 | -8.0                           |
| EAST NORTH CENTRAL   |      |      |      |                                |
| Ohio                 | 10.3 | 10.7 | 11.4 | -9.6                           |
| Indiana              | 10.1 | 10.6 | 11.8 | -14.4                          |
| Illinois             | 10.9 | 11.2 | 11.3 | -3.5                           |
| Michigan             | 9.1  | 9.4  | 9.9  | -8.1                           |
| Wisconsin            | 9.9  | 10.2 | 10.0 | -1.0                           |
| WEST NORTH CENTRAL   |      |      |      |                                |
| Minnesota            | 9.3  | 9.6  | 9.4  | -1.1                           |
| Iowa                 | 10.0 | 10.2 | 10.3 | -2.9                           |
| Missouri             | 11.0 | 11.4 | 11.5 | -4.3                           |
| North Dakota         | 8.8  | 9.7  | 8.2  | +7.3                           |
| South Dakota         | 9.5  | 9.9  | 8.9  | +6.7                           |
| Nebraska             | 9.8  | 10.0 | 9.6  | +2.1                           |
| Kansas               | 9.8  | 9.7  | 10.3 | -4.9                           |
| SOUTH ATLANTIC       |      |      |      |                                |
| Delaware             | 11.4 | 11.5 | 12.2 | -6.6                           |
| Maryland             | 10.4 | 10.5 | 12.0 | -13.3                          |
| District of Columbia | 9.5  | 9.6  | 11.9 | -20.2                          |
| Virginia             | 9.5  | 9.7  | 10.9 | -12.8                          |
| West Virginia        | 9.2  | 9.1  | 9.2  | 0                              |
| North Carolina       | 7.9  | 8.2  | 8.9  | -11.2                          |
| South Carolina       | 9.1  | 8.8  | 10.7 | -15.0                          |
| Georgia              | 9.3  | 9.2  | 10.5 | -11.4                          |
| Florida              | 10.2 | 10.4 | 11.3 | -9.7                           |
| EAST SOUTH CENTRAL   |      |      |      |                                |
| Kentucky             | 9.8  | 10.2 | 10.5 | -6.7                           |
| Tennessee            | 9.1  | 9.2  | 10.0 | -9.0                           |
| Alabama              | 9.2  | 9.3  | 10.5 | -12.4                          |
| Mississippi          | 9.6  | 9.6  | 10.7 | -10.3                          |
| WEST SOUTH CENTRAL   |      |      |      |                                |
| Arkansas             | 7.9  | 7.9  | 8.8  | -10.2                          |
| Louisiana            | 9.1  | 9.2  | 10.8 | -15.7                          |
| Oklahoma             | 8.3  | 8.5  | 9.0  | -7.8                           |
| Texas                | 8.7  | 8.8  | 9.7  | -10.3                          |
| MOUNTAIN             |      |      |      |                                |
| Montana              | 11.5 | 11.8 | 10.3 | +11.7                          |
| Idaho                | 8.4  | 9.1  | 9.3  | -9.7                           |
| Wyoming              | 8.4  | 8.9  | 8.5  | -1.2                           |
| Colorado             | 10.5 | 11.0 | 10.8 | -2.8                           |
| New Mexico           | 9.8  | 10.0 | 10.2 | -3.9                           |
| Arizona              | 9.4  | 9.4  | 11.0 | -14.5                          |
| Utah                 | 7.6  | 7.8  | 8.7  | -12.6                          |
| Nevada               | 9.9  | 11.7 | 12.5 | -20.8                          |
| PACIFIC              |      |      |      |                                |
| Washington           | 8.0  | 9.3  | 11.5 | -21.7                          |
| Oregon               | 8.6  | 8.7  | 11.1 | -22.5                          |
| California           | 9.6  | 9.9  | 11.4 | -15.8                          |

TABLE 11.—DEATH RATES BY MONTH: UNITED STATES, 1940-48

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates on an annual basis per 1,000 estimated midyear population excluding armed forces overseas)

| MONTH     | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|-----------|------|------|------|------|------|------|------|------|------|
| TOTAL     | 9.9  | 10.1 | 10.0 | 10.6 | 10.6 | 10.9 | 10.4 | 10.5 | 10.7 |
| January   | 11.2 | 10.8 | 11.7 | 11.4 | 13.4 | 11.6 | 11.4 | 12.9 | 12.6 |
| February  | 11.1 | 10.8 | 11.2 | 11.4 | 11.4 | 11.7 | 11.3 | 12.0 | 12.5 |
| March     | 10.5 | 11.5 | 10.4 | 10.9 | 11.2 | 11.7 | 11.2 | 11.3 | 11.7 |
| April     | 9.9  | 10.6 | 10.0 | 10.5 | 10.9 | 11.2 | 10.6 | 10.6 | 11.0 |
| May       | 9.7  | 9.8  | 9.8  | 10.5 | 10.4 | 10.6 | 10.0 | 10.2 | 10.4 |
| June      | 9.5  | 9.6  | 9.6  | 10.3 | 10.1 | 10.5 | 9.7  | 10.1 | 10.0 |
| July      | 9.1  | 8.2  | 9.1  | 9.7  | 9.7  | 9.8  | 9.7  | 9.9  | 10.4 |
| August    | 9.3  | 9.4  | 8.8  | 9.6  | 9.4  | 9.5  | 9.1  | 9.4  | 9.3  |
| September | 8.8  | 9.0  | 8.2  | 8.6  | 9.4  | 9.5  | 9.4  | 9.3  | 9.5  |
| October   | 9.6  | 9.5  | 9.5  | 10.3 | 10.1 | 10.1 | 10.1 | 9.6  | 9.9  |
| November  | 9.6  | 10.1 | 9.8  | 10.5 | 10.5 | 10.4 | 10.4 | 10.3 | 10.4 |
| December  | 10.3 | 10.8 | 10.6 | 12.8 | 11.2 | 14.0 | 11.3 | 10.4 | 11.2 |

### Death rates by age, race, and sex

The great variation in mortality with age, race, and sex is evident in the data for 1948 shown in table BJ. Mortality is lowest in childhood and highest at the two extremes of the life span. From a comparatively high level in early infancy, the death rate drops sharply and remains comparatively low during childhood. Thereafter, the death rate rises, slowly during the young adult years, and more rapidly during middle and older age.

At every age throughout the life span, males are subject to a higher mortality than females. The proportionate dif-

TABLE 12.—DEATH RATES BY AGE, SEX, AND RACE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 1,000 estimated midyear population in each specified group, excluding armed forces overseas)

| AGE AND SEX       | All races | White | Nonwhite |
|-------------------|-----------|-------|----------|
| ALL AGES          | 9.9       | 9.7   | 11.3     |
| Male              | 11.3      | 11.2  | 12.6     |
| Female            | 8.5       | 8.3   | 10.0     |
| Under 1 year      | 35.0      | 32.2  | 56.5     |
| Male              | 39.4      | 36.4  | 63.1     |
| Female            | 30.4      | 27.8  | 49.9     |
| 1 to 4 years      | 1.6       | 1.5   | 2.4      |
| Male              | 1.7       | 1.6   | 2.6      |
| Female            | 1.4       | 1.3   | 2.3      |
| 5 to 14 years     | 0.7       | 0.6   | 0.9      |
| Male              | 0.8       | 0.8   | 0.9      |
| Female            | 0.5       | 0.5   | 0.8      |
| 15 to 24 years    | 1.4       | 1.2   | 2.9      |
| Male              | 1.8       | 1.6   | 3.1      |
| Female            | 1.1       | 0.8   | 2.7      |
| 25 to 34 years    | 2.0       | 1.6   | 4.8      |
| Male              | 2.4       | 2.0   | 5.4      |
| Female            | 1.6       | 1.3   | 4.3      |
| 35 to 44 years    | 4.0       | 3.4   | 9.3      |
| Male              | 4.8       | 4.2   | 10.3     |
| Female            | 3.2       | 2.6   | 8.4      |
| 45 to 54 years    | 9.0       | 8.1   | 18.5     |
| Male              | 11.4      | 10.4  | 21.1     |
| Female            | 6.8       | 5.8   | 16.0     |
| 55 to 64 years    | 19.4      | 18.3  | 32.4     |
| Male              | 24.2      | 23.3  | 36.1     |
| Female            | 14.5      | 13.4  | 28.6     |
| 65 to 74 years    | 44.0      | 43.2  | 58.0     |
| Male              | 52.1      | 51.5  | 60.5     |
| Female            | 36.4      | 35.4  | 51.1     |
| 75 to 84 years    | 96.3      | 97.9  | 73.0     |
| Male              | 107.0     | 106.7 | 84.2     |
| Female            | 87.1      | 86.8  | 62.7     |
| 85 years and over | 247.1     | 267.0 | 105.7    |
| Male              | 254.9     | 271.8 | 124.9    |
| Female            | 241.3     | 263.3 | 85.0     |

\*Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

ference in the death rates for the two sexes is greater for the white than for the nonwhite population. In 1948, the death rate for white males was 35 percent higher than the death rate for white females, while the corresponding difference between the death rates for the two sexes in the nonwhite population was 26 percent.

The death rates among nonwhite persons in 1948 exceeded the death rates for white persons in each of the age groups shown except those for ages 75 years and over, and was more than twice as high as the rate for white persons in the age range 15 to 54 years. The relative difference in the mortality of the two race groups is greater among females than among males.

The differing trends in mortality by age are evident in table X. This table gives death rates by age for the expanding area of the death-registration States from 1900 to 1948, inclusive. In this period, the death rate has declined at every age, the greatest relative decrease having occurred in the death rates for the younger ages, and the smallest in the rates for the older ages. Since 1900, the death rate for young children, 1-4 years of age, has decreased 92 percent, while the difference between the 1900 and 1948 death rates for persons in the age group 75-84 years is only 22 percent, and that for persons 85 years and over is 5 percent. Some year-to-year fluctuation is found in these series of death rates but, in general, the death rate for each age group has declined fairly

continuously. One major interruption is to be noted, that caused by the influenza epidemic of 1918. Here it is of interest to see that this epidemic had its greatest impact upon young adults. The death rate for the age group 15-24 years was more than twice as high in 1918 as in the preceding year. On the other hand, the death rates for infants and for older persons were less affected. In fact, the death rates for persons in the age groups 55 years and over declined slightly from the 1917 level.

The trends in the crude death rates by race and sex for the death-registration States are shown in table BK for the years 1900 through 1948. The corresponding age-adjusted death rates for the same period are given in table BL. Between 1900 and 1948, the age-adjusted death rate for white males declined 45 percent, while there was a decrease of 50 percent in the adjusted rate for nonwhite males. Somewhat greater reductions are seen in the age-adjusted rates for females of both race groups. Of particular interest is the widening differential in the death rates for males and females which appeared shortly after World War I. For example, in 1926, the age-adjusted death rate for males was little more than 14 percent higher than that for females. By 1948, the difference had increased to 41 percent.

TABLE BK.—DEATH RATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1948

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population in each specified group)

| YEAR              | ALL RACES  |      |        | WHITE      |      |        | NONWHITE   |      |        |
|-------------------|------------|------|--------|------------|------|--------|------------|------|--------|
|                   | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
|                   |            |      |        |            |      |        |            |      |        |
| 1948 <sup>1</sup> | 9.9        | 11.3 | 8.5    | 9.7        | 11.2 | 8.3    | 11.5       | 12.6 | 10.0   |
| 1947 <sup>1</sup> | 10.1       | 11.5 | 8.7    | 9.9        | 11.4 | 8.5    | 11.5       | 12.5 | 10.2   |
| 1946 <sup>1</sup> | 10.0       | 11.4 | 8.6    | 9.8        | 11.3 | 8.5    | 11.1       | 12.3 | 9.9    |
| 1945 <sup>1</sup> | 10.6       | 12.7 | 8.8    | 10.4       | 12.5 | 8.6    | 12.0       | 13.9 | 10.4   |
| 1944 <sup>1</sup> | 10.6       | 12.4 | 9.0    | 10.4       | 12.3 | 8.8    | 12.4       | 13.9 | 11.0   |
| 1943 <sup>1</sup> | 10.9       | 12.4 | 9.4    | 10.7       | 12.2 | 9.2    | 12.8       | 14.3 | 11.6   |
| 1942 <sup>1</sup> | 10.4       | 11.7 | 9.0    | 10.1       | 11.5 | 8.7    | 12.7       | 14.0 | 11.4   |
| 1941 <sup>1</sup> | 10.5       | 11.8 | 9.2    | 10.2       | 11.4 | 8.9    | 13.5       | 14.8 | 12.2   |
| 1940 <sup>1</sup> | 10.7       | 12.0 | 9.5    | 10.4       | 11.6 | 9.2    | 13.8       | 15.1 | 12.5   |
| 1939              | 10.6       | 11.7 | 9.5    | 10.3       | 11.3 | 9.2    | 13.5       | 14.7 | 12.4   |
| 1938              | 10.6       | 11.7 | 9.6    | 10.3       | 11.3 | 9.2    | 14.0       | 15.2 | 12.9   |
| 1937              | 11.3       | 12.5 | 10.0   | 10.6       | 12.0 | 9.6    | 14.9       | 16.4 | 13.4   |
| 1936              | 11.6       | 12.7 | 10.4   | 11.1       | 12.3 | 9.9    | 15.4       | 16.9 | 13.9   |
| 1935              | 10.9       | 12.0 | 9.9    | 10.6       | 11.6 | 9.5    | 14.3       | 15.6 | 13.0   |
| 1934              | 11.1       | 12.1 | 10.0   | 10.6       | 11.7 | 9.6    | 14.8       | 16.0 | 13.5   |
| 1933              | 10.7       | 11.6 | 8.7    | 10.3       | 11.2 | 9.3    | 14.1       | 15.1 | 13.1   |
| 1932              | 10.9       | 11.7 | 10.0   | 10.5       | 11.3 | 9.6    | 14.5       | 15.4 | 13.5   |
| 1931              | 11.1       | 12.0 | 10.1   | 10.6       | 11.5 | 9.6    | 15.5       | 16.5 | 14.5   |
| 1930              | 11.3       | 12.3 | 10.4   | 10.8       | 11.7 | 9.8    | 16.3       | 17.4 | 15.3   |
| 1929              | 11.9       | 12.8 | 11.0   | 11.3       | 12.2 | 10.4   | 16.9       | 18.0 | 15.8   |
| 1928              | 12.0       | 12.8 | 11.1   | 11.4       | 12.3 | 10.5   | 17.1       | 18.0 | 16.2   |
| 1927              | 11.5       | 12.1 | 10.5   | 10.8       | 11.6 | 10.0   | 16.4       | 17.2 | 15.6   |
| 1926              | 12.1       | 12.9 | 11.3   | 11.6       | 12.3 | 10.8   | 17.8       | 18.7 | 16.9   |
| 1925              | 11.7       | 12.4 | 10.9   | 11.1       | 11.9 | 10.4   | 17.4       | 18.2 | 16.6   |
| 1924              | 11.6       | 12.3 | 10.9   | 11.0       | 11.8 | 10.3   | 17.1       | 17.9 | 16.3   |
| 1923              | 12.1       | 12.7 | 11.5   | 11.7       | 12.3 | 11.0   | 16.5       | 17.0 | 16.0   |
| 1922              | 11.7       | 12.3 | 11.1   | 11.3       | 11.9 | 10.7   | 15.2       | 15.7 | 14.8   |
| 1921              | 11.5       | 11.9 | 11.0   | 11.1       | 11.6 | 10.6   | 15.5       | 15.7 | 15.4   |
| 1920              | 13.0       | 13.4 | 12.6   | 12.6       | 13.0 | 12.1   | 17.7       | 17.8 | 17.5   |
| 1919              | 12.9       | 13.5 | 12.5   | 12.4       | 13.0 | 11.8   | 17.9       | 18.1 | 17.8   |
| 1918              | 18.1       | 19.8 | 16.4   | 17.5       | 19.3 | 15.8   | 25.6       | 26.7 | 24.4   |
| 1917              | 14.0       | 15.0 | 12.9   | 13.5       | 14.6 | 12.4   | 20.4       | 21.4 | 19.4   |
| 1916              | 13.8       | 14.8 | 12.8   | 13.4       | 14.4 | 12.4   | 19.1       | 19.9 | 18.4   |
| 1915              | 13.2       | 14.0 | 12.3   | 12.9       | 13.7 | 12.0   | 20.2       | 20.8 | 19.5   |
| 1914              | 13.3       | 14.2 | 12.4   | 13.0       | 13.9 | 12.1   | 20.2       | 20.9 | 19.4   |
| 1913              | 13.8       | 14.6 | 12.8   | 13.5       | 14.5 | 12.5   | 20.3       | 21.0 | 19.6   |
| 1912              | 13.6       | 14.5 | 12.7   | 13.4       | 14.3 | 12.4   | 20.6       | 21.3 | 19.7   |
| 1911              | 13.9       | 14.7 | 13.0   | 13.7       | 14.5 | 12.8   | 21.5       | 21.9 | 20.6   |
| 1910              | 14.7       | 15.6 | 13.7   | 14.5       | 15.4 | 13.6   | 21.7       | 22.3 | 21.0   |
| 1909              | 14.2       | 15.1 | 13.4   | 14.0       | 14.9 | 13.2   | 21.8       | 22.3 | 21.2   |
| 1908              | 14.7       | 15.5 | 13.8   | 14.5       | 15.3 | 13.6   | 22.4       | 22.8 | 22.0   |
| 1907              | 15.9       | 17.0 | 14.8   | 15.7       | 16.8 | 14.5   | 24.3       | 25.0 | 23.5   |
| 1906              | 15.7       | 16.7 | 14.7   | 15.5       | 16.5 | 14.4   | 24.2       | 24.7 | 23.6   |
| 1905              | 15.9       | 16.7 | 15.0   | 15.7       | 16.5 | 14.8   | 25.5       | 26.8 | 24.3   |
| 1904              | 16.4       | 17.3 | 15.5   | 16.2       | 17.1 | 15.3   | 26.1       | 27.6 | 24.7   |
| 1903              | 15.6       | 16.4 | 14.8   | 15.4       | 16.2 | 14.6   | 24.5       | 25.5 | 23.4   |
| 1902              | 15.5       | 16.4 | 14.6   | 15.3       | 16.2 | 14.4   | 23.6       | 24.8 | 22.3   |
| 1901              | 16.4       | 17.3 | 15.6   | 16.2       | 17.1 | 15.4   | 24.3       | 25.6 | 23.1   |
| 1900              | 17.2       | 17.9 | 16.5   | 17.0       | 17.7 | 16.3   | 25.0       | 25.7 | 24.4   |

<sup>1</sup>Exclusive of deaths among armed forces overseas. Based on populations excluding armed forces overseas.

TABLE BL.—AGE-ADJUSTED DEATH RATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1948

(Rates per 1,000 population. Computed by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940)

| YEAR              | ALL RACES  |      |        | WHITE      |      |        | NONWHITE   |      |        |
|-------------------|------------|------|--------|------------|------|--------|------------|------|--------|
|                   | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
|                   |            |      |        |            |      |        |            |      |        |
| 1948 <sup>1</sup> | 9.0        | 10.6 | 7.5    | 8.6        | 10.2 | 7.1    | 12.8       | 14.3 | 11.4   |
| 1947 <sup>1</sup> | 9.1        | 10.7 | 7.7    | 8.8        | 10.4 | 7.3    | 12.8       | 14.1 | 11.6   |
| 1946 <sup>1</sup> | 9.3        | 10.8 | 7.8    | 8.9        | 10.4 | 7.5    | 12.7       | 14.0 | 11.5   |
| 1945 <sup>1</sup> | 9.6        | 11.2 | 8.1    | 9.2        | 10.8 | 7.7    | 13.5       | 15.0 | 12.2   |
| 1944 <sup>1</sup> | 9.8        | 11.4 | 8.4    | 9.4        | 10.9 | 7.9    | 14.1       | 15.4 | 12.9   |
| 1943 <sup>1</sup> | 10.3       | 11.7 | 8.8    | 9.8        | 11.3 | 8.5    | 14.7       | 15.9 | 13.6   |
| 1942 <sup>1</sup> | 10.0       | 11.4 | 8.6    | 9.5        | 10.9 | 8.1    | 14.7       | 16.0 | 13.4   |
| 1941 <sup>1</sup> | 10.3       | 11.7 | 8.9    | 9.8        | 11.2 | 8.3    | 15.7       | 17.1 | 14.4   |
| 1940 <sup>1</sup> | 10.7       | 12.1 | 9.4    | 10.2       | 11.6 | 8.8    | 16.2       | 17.5 | 14.9   |
| 1939              | 10.7       | 12.0 | 9.5    | 10.2       | 11.4 | 8.9    | 16.0       | 17.1 | 14.9   |
| 1938              | 10.9       | 12.1 | 9.7    | 10.3       | 11.5 | 9.1    | 16.6       | 17.7 | 15.5   |
| 1937              | 11.7       | 13.1 | 10.3   | 11.1       | 12.4 | 9.7    | 17.8       | 19.2 | 16.3   |
| 1936              | 12.2       | 13.5 | 10.8   | 11.5       | 12.8 | 10.1   | 18.5       | 20.1 | 17.0   |
| 1935              | 11.6       | 12.9 | 10.4   | 11.1       | 12.3 | 9.8    | 17.3       | 18.5 | 16.1   |
| 1934              | 11.9       | 13.1 | 10.7   | 11.3       | 12.5 | 10.0   | 17.9       | 19.0 | 16.7   |
| 1933              | 11.6       | 12.7 | 10.5   | 11.0       | 12.2 | 9.9    | 17.2       | 18.1 | 16.4   |
| 1932              | 11.9       | 12.9 | 10.8   | 11.3       | 12.3 | 10.2   | 17.8       | 18.6 | 17.0   |
| 1931              | 12.1       | 13.2 | 11.0   | 11.4       | 12.5 | 10.3   | 19.0       | 19.9 | 18.1   |
| 1930              | 12.5       | 13.5 | 11.3   | 11.7       | 12.8 | 10.6   | 20.1       | 21.0 | 19.2   |
| 1929              | 13.2       | 14.2 | 12.1   | 12.4       | 13.5 | 11.4   | 21.0       | 21.9 | 20.0   |
| 1928              | 13.4       | 14.4 | 12.3   | 12.6       | 13.6 | 11.5   | 20.9       | 21.7 | 20.2   |
| 1927              | 12.6       | 13.5 | 11.6   | 11.9       | 12.8 | 10.9   | 19.8       | 20.4 | 19.3   |
| 1926              | 13.5       | 14.5 | 12.5   | 12.7       | 13.6 | 11.8   | 21.4       | 22.1 | 20.8   |
| 1925              | 13.0       | 13.8 | 12.2   | 12.3       | 13.2 | 11.4   | 20.9       | 21.4 | 20.4   |
| 1924              | 12.9       | 13.7 | 12.1   | 12.2       | 13.1 | 11.3   | 20.5       | 21.1 | 20.0   |
| 1923              | 13.5       | 14.2 | 12.8   | 12.9       | 13.7 | 12.1   | 19.8       | 20.0 | 19.7   |
| 1922              | 13.0       | 13.7 | 12.4   | 12.6       | 13.3 | 11.8   | 18.3       | 19.4 | 18.4   |
| 1921              | 12.7       | 13.2 | 12.1   | 12.2       | 12.7 | 11.6   | 18.2       | 19.0 | 18.6   |
| 1920              | 14.2       | 14.7 | 13.8   | 13.7       | 14.2 | 13.1   | 20.6       | 20.4 | 21.0   |
| 1919              | 14.0       | 14.6 | 13.4   | 13.4       | 14.1 | 12.8   | 20.5       | 20.3 | 20.8   |
| 1918              | 19.0       | 20.9 | 17.3   | 18.4       | 20.2 | 16.6   | 28.0       | 28.9 | 27.1   |
| 1917              | 15.3       | 16.5 | 14.0   | 14.7       | 16.0 | 13.4   | 23.4       | 24.1 | 22.7   |
| 1916              | 15.1       | 16.2 | 13.9   | 14.7       | 15.8 | 13.4   | 22.2       | 22.6 | 21.6   |
| 1915              | 14.4       | 15.4 | 13.4   | 14.1       | 15.1 | 13.0   | 23.1       | 23.5 | 22.6   |
| 1914              | 14.5       | 15.6 | 13.4   | 14.1       | 15.2 | 13.0   | 22.6       | 23.3 | 21.9   |
| 1913              | 15.0       | 16.1 | 13.7   | 14.6       | 15.8 | 13.4   | 22.7       | 23.5 | 22.0   |
| 1912              | 14.8       | 16.0 | 13.7   | 14.6       | 15.7 | 13.4   | 23.1       | 24.0 | 22.2   |
| 1911              | 15.2       | 16.2 | 14.1   | 14.9       | 15.9 | 13.8   | 23.7       | 24.4 | 22.9   |
| 1910              | 15.8       | 16.9 | 14.6   | 15.6       | 16.7 | 14.4   | 24.1       | 24.8 | 23.2   |
| 1909              | 15.3       | 16.3 | 14.2   | 15.0       | 16.1 | 14.0   | 24.1       | 24.6 | 23.3   |
| 1908              | 15.8       | 16.8 | 14.6   | 15.5       | 16.6 | 14.4   | 24.7       | 25.3 | 24.1   |
| 1907              | 17.1       | 18.4 | 15.7   | 16.8       | 18.2 | 15.4   | 26.6       | 27.5 | 25.7   |
| 1906              | 16.7       | 17.9 | 15.4   | 16.4       | 17.6 | 15.1   | 26.2       | 27.0 | 25.5   |
| 1905              | 16.7       | 17.8 | 15.7   | 16.5       | 17.6 | 15.4   | 28.3       | 29.7 | 26.9   |
| 1904              | 17.3       | 18.4 | 16.2   | 17.1       | 18.1 | 16.0   | 29.1       | 30.7 | 27.4   |
| 1903              | 16.5       | 17.4 | 15.5   | 16.2       | 17.2 | 15.3   | 27.2       | 28.5 | 25.9   |
| 1902              | 16.2       | 17.2 | 15.1   | 16.0       | 17.0 | 14.9   | 25.9       | 27.5 | 24.5   |
| 1901              | 17.2       | 18.2 | 16.2   | 17.0       | 18.0 | 16.0   | 26.9       | 28.4 | 25.5   |
| 1900              | 17.8       | 18.6 | 17.0   | 17.6       | 18.4 | 16.8   | 27.8       | 28.7 | 27.1   |

<sup>1</sup>The age-specific rates used in computing the age-adjusted rates are exclusive of deaths among armed forces overseas and are based on populations excluding armed forces overseas.

## Trend of death rates for selected causes of death

Table XI gives death rates for selected causes of death for the expanding area of the death-registration States for the years 1900 to 1948, inclusive. The most striking features to be found in these data are the great reductions in the mortality from the infectious diseases and the rise in mortality from the so-called degenerative diseases, or diseases of the older ages.

The three leading causes of death in 1900 were pneumonia (all forms) and influenza; tuberculosis; and diarrhea, enteritis, and ulceration of the intestines. By 1948, pneumonia and influenza had dropped to sixth place and tuberculosis to seventh place in the ranking of causes of death; and diarrhea, enteritis, and ulceration of the intestines had diminished to relatively minor importance as a cause of death.

The death rate for pneumonia and influenza declined from 202.2 per 100,000 population in 1900 to 38.7 in 1948. The decline in the rate has been marked by epidemic rises, the greatest occurring in 1918, when the death rate for this cause rose to 588.5. The decline in the rate has been particularly rapid since 1937, the total percentage decrease in the rate in the last 11 years being greater than in the preceding 38 years.

The death rate for tuberculosis declined from 194.4 per 100,000 population in 1900 to 30.0 in 1948. The almost continuous decline in the tuberculosis death rate was interrupted by a temporary rise in the period 1917 and 1918 which was associated, at least in part, with the influenza pandemic. From a high rate of 149.8 in 1918, there was a sharp decline to 97.6 in 1921, and since then the course of the tuberculosis death rate has been steadily downward.

The most striking reductions have occurred in the death rates for such causes as diarrhea, enteritis, and ulceration of the intestines; and typhoid and paratyphoid fever. The death rate for diarrhea and enteritis declined 96 percent, from 142.7 per 100,000 population in 1900 to 5.6 and 6.0 in 1947 and 1948, respectively. In the same period the death rate for typhoid and paratyphoid fever dropped 99 percent, from 31.3 in 1900 to 0.2 in 1948.

The decline in the mortality rates for the infectious diseases can be attributed in large measure to advances in public health and medical practice. Since the turn of the century great strides have been made in environmental sanitation, particularly with regard to the protection of milk and water supplies and to the disposal of domestic and industrial wastes; in immunization; in the development of diagnostic aids; and in the surgical and medical treatment of disease. Perhaps the most important contribution to the public health in recent years is the use of sulfonamides and antibiotics in the treatment of infections. These therapeutic agents have been effective, not only in reducing the mortality from pneumonia but also in hastening the decline in the death rates for other causes, such as appendicitis and puerperal septicemia.

The decline in the death rates for the infectious diseases has had a marked effect upon the total crude death rate. But this effect has been partially offset by the increase in the crude rates for such causes as diseases of the heart, cancer and other malignant tumors, diabetes, and motor-vehicle accidents.

The three leading causes of death, in recent years, have been diseases of the heart, cancer, and intracranial lesions of vascular origin. These were followed in 1948 by nephritis, accidents other than motor-vehicle accidents, pneumonia and influenza, tuberculosis, premature birth, diabetes, and motor-vehicle accidents.

From the table it will be seen that the crude death rate for diseases of the heart increased from 137.4 per 100,000 population in 1900 to 322.7 in 1948. In the same period, the crude death rate for cancer rose from 64.0 to 134.9; and the rate for diabetes, from 11.0 to 26.4.

Several factors have contributed to the rise in the crude death rates for these causes. The prevention of deaths from diseases of infancy and childhood, the decline in the birth rate (before World War II), and the virtual cessation of immigration, have resulted in a population with a larger proportion of persons in the older age groups. This change in the age composition of the population has tended to increase the crude death rates for diseases associated primarily with the older ages. Also, the increase in the proportion of deaths occurring in hospitals and the development of improved diagnostic techniques and facilities have undoubtedly led to an increase in the number of instances in which heart disease, cancer, and certain other conditions are recognized and certified as causes of death.

Changes in the terminology and detail in which causes of death are reported on the death certificate and in the procedure for selecting a single cause for statistical tabulation have also affected the trend in the crude death rate for diseases of the heart. However, a recent study<sup>33</sup> of mortality trends for heart diseases has shown that, in the age groups where the death rate for heart disease has been increasing, there has been a compensatory decrease in the death rates for associated causes, such as intracranial lesions of vascular origin, chronic nephritis, and arteriosclerosis and high blood pressure, and that no upward trend is apparent for these causes considered together as a group.

A combination of factors has been described as contributing to the upward trend in the death rate for diabetes.<sup>34</sup> Diabetes is frequently reported on the death certificate in the space for "Other conditions" which might have contributed to the risk of dying but which were not related to the immediate or direct cause of death. According to the present method of selecting a single cause for statistical tabulation, no distinction is made between diseases or conditions so reported and those in the sequence of events leading to the immediate cause of death. Because of the priority weight which is given to diabetes in selecting the primary cause, and because of the increase in the proportion of death certificates returning two or more causes, diabetes has had an increasingly better opportunity to enter the primary cause statistics.

Deaths from motor-vehicle accidents were first tabulated separately for 1906. The death rate for this cause rose rapidly from 0.4 per 100,000 population in 1906 to 30.8 in 1937 and 30.0 in 1941. With gasoline rationing and other wartime restrictions, the rate dropped to 17.8 in 1943. Although the rate rose again after the removal of wartime restrictions on driving, it has remained below the prewar level.

In contrast to the trend in the death rate for motor-vehicle accidents, the death rate for other accidents has declined since the early 1900's. Almost all of the decline occurred in the period between 1913 and 1932. In 1948, the death rate was 45.0 per 100,000 population as compared with 80.9 in 1913 and 47.7 in 1932.

## Death rates for selected causes of death, by age

The age-specific death rates for all causes are summations of the rates for the individual causes of death. As may be seen from table BM, each cause has its characteristic age distribution, and the probability of dying from a specific cause differs with age. In general, the various causes may be grouped

<sup>33</sup>Woolsey, Theodore D., and Moriyama, Iwao M., "Statistical Studies of Heart Diseases, II. Important Factors in Heart Disease Mortality Trends," Public Health Reports, vol. 63, No. 39, pp. 1247-1273, September 24, 1948.

<sup>34</sup>For a detailed discussion, see Moriyama, Iwao M., "Is Diabetes Mortality Increasing?" Public Health Reports, vol. 63, No. 41, pp. 1334-1339, October 8, 1948.

# INTRODUCTION

TABLE EM.—DEATH RATES FOR SELECTED CAUSES, BY AGE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population in each specified group, excluding armed forces overseas. Numbers after causes of death are International list numbers, 1958 revision)

| CAUSE OF DEATH   | All ages <sup>1</sup>     | Under          | 1 to 4         | 5 to        | 15 to        | 25 to        | 35 to        | 45 to        | 55 to          | 65 to          | 75 to          | 85 years        |
|--|---------------------------|----------------|----------------|-------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|-----------------|
|  |                           | 1 year         | years          | 14 years    | 24 years     | 34 years     | 44 years     | 54 years     | 64 years       | 74 years       | 84 years       | and over        |
| <b>ALL CAUSES</b> -----  | <b>988.5</b>              | <b>3,490.3</b> | <b>158.7</b>   | <b>66.3</b> | <b>142.4</b> | <b>197.7</b> | <b>397.6</b> | <b>904.8</b> | <b>1,935.6</b> | <b>4,403.5</b> | <b>9,633.6</b> | <b>24,709.4</b> |
| Typhoid and paratyphoid fever-----   | 1.2                       | 0.2            | 0.1            | 0.1         | 0.1          | 0.1          | 0.2          | 0.1          | 0.2            | 0.4            | 0.3            | 0.4             |
| Cerebrospinal (meningococcus) meningitis-----                                | 6                         | 0.6            | 2.3            | 0.5         | 0.3          | 0.1          | 0.2          | 0.3          | 0.2            | 0.2            | 0.4            | 0.2             |
| Scarlet fever-----   | 8                         | 0.0            | 0.1            | 0.1         | 0.0          | 0.0          | 0.0          | 0            | 0.0            | 0.0            | 0              | 0               |
| Whooping cough-----  | 9                         | 0.8            | 25.0           | 2.3         | 0.1          | 0.0          | 0            | 0            | 0              | 0              | 0.1            | 0.2             |
| Diphtheria-----  | 10                        | 0.4            | 1.5            | 2.6         | 0.7          | 0.1          | 0.0          | 0.2          | 0.2            | 0.1            | 0.1            | 0               |
| Tuberculosis (all forms)-----  | 13-22                     | 30.0           | 10.0           | 6.9         | 2.1          | 17.3         | 28.5         | 37.1         | 48.0           | 59.2           | 74.0           | 76.1            |
| Tuberculosis of respiratory system, etc.*-----                               | 13                        | 27.7           | 4.2            | 2.3         | 1.2          | 15.8         | 26.6         | 34.9         | 45.7           | 56.3           | 69.9           | 72.1            |
| Tuberculosis (other forms)-----  | 14-22                     | 2.3            | 5.9            | 4.5         | 0.9          | 1.5          | 1.9          | 2.2          | 2.3            | 2.9            | 4.1            | 4.0             |
| Dysentery-----   | 27                        | 0.7            | 19.2           | 1.3         | 0.1          | 0.1          | 0.1          | 0.1          | 0.1            | 0.3            | 0.8            | 1.9             |
| Malaria-----   | 28                        | 0.1            | 0.3            | 0.1         | 0.0          | 0.0          | 0.1          | 0.1          | 0.1            | 0.2            | 0.5            | 0.7             |
| Syphilis-----  | 30                        | 8.0            | 13.5           | 0.1         | 0.1          | 0.5          | 1.8          | 6.9          | 15.6           | 24.9           | 30.9           | 27.7            |
| Measles-----   | 35                        | 0.6            | 5.7            | 3.4         | 0.9          | 0.1          | 0.1          | 0.0          | 0.0            | 0.2            | 0.1            | 0.7             |
| Poliomyelitis, poliomyelitis (acute)-----                                    | 36                        | 1.3            | 2.6            | 2.9         | 2.7          | 1.8          | 1.3          | 0.4          | 0.1            | 0              | 0              | 0               |
| <b>Cancer and other malignant tumors</b> -----                               | <b>45-55</b>              | <b>134.9</b>   | <b>3.5</b>     | <b>5.4</b>  | <b>3.1</b>   | <b>5.6</b>   | <b>16.8</b>  | <b>59.8</b>  | <b>171.8</b>   | <b>378.9</b>   | <b>734.7</b>   | <b>1,203.6</b>  |
| Cancer of the digestive organs and peritoneum-----                           | 46                        | 58.2           | 0.3            | 0.5         | 0.3          | 1.0          | 4.0          | 16.5         | 60.0           | 162.2          | 359.6          | 608.5           |
| Cancer of female genital organs-----   | 48-49                     | 15.9           | 0              | 0.1         | 0.1          | 0.7          | 3.9          | 14.4         | 31.2           | 46.6           | 65.4           | 81.2            |
| Cancer of the breast-----  | 50                        | 13.1           | 0              | 0.0         | 0.0          | 0.1          | 2.0          | 10.4         | 24.2           | 35.8           | 57.9           | 89.4            |
| Cancer (other sites)-----  | 45, 47, 51-55             | 47.6           | 3.2            | 4.9         | 2.7          | 3.9          | 6.9          | 18.9         | 56.5           | 124.1          | 251.9          | 424.5           |
| Acute rheumatic fever-----   | 58                        | 0.6            | 0.3            | 0.5         | 1.3          | 0.6          | 0.4          | 0.5          | 0.4            | 0.4            | 0.5            | 1.4             |
| Diabetes mellitus-----   | 61                        | 26.4           | 0.6            | 0.4         | 0.7          | 1.4          | 2.5          | 5.4          | 20.1           | 76.3           | 161.8          | 273.0           |
| Thyroidal goiter-----  | 63                        | 1.4            | 0              | 0           | 0.0          | 0.1          | 0.4          | 0.9          | 2.0            | 4.0            | 7.6            | 7.2             |
| Pellagra (except alcoholic)-----   | 69                        | 0.4            | 0.0            | 0.0         | 0            | 0.0          | 0.1          | 0.1          | 0.3            | 0.7            | 2.5            | 6.0             |
| Alcoholism (ethyldism)-----  | 77                        | 1.7            | 0.0            | 0.0         | 0.0          | 0.2          | 1.0          | 3.4          | 4.0            | 3.6            | 3.0            | 1.6             |
| Intracranial lesions of vascular origin-----                                 | 83                        | 89.7           | 5.7            | 1.5         | 0.8          | 1.6          | 4.5          | 18.6         | 67.7           | 178.8          | 515.3          | 1,282.0         |
| Diseases of the heart-----   | 90-95                     | 322.7          | 4.0            | 2.2         | 3.6          | 8.5          | 20.8         | 85.4         | 291.8          | 725.9          | 1,790.8        | 4,041.5         |
| Chronic rheumatic diseases of the heart-----                                 | 90a, 92b, c, 93c, 95b     | 15.9           | 0.0            | 0.4         | 2.3          | 4.4          | 7.6          | 14.6         | 22.8           | 31.9           | 55.3           | 116.0           |
| Diseases of coronary arteries and angina pectoris-----                       | 94                        | 109.9          | 0.6            | 0.1         | 0.1          | 1.1          | 5.5          | 36.1         | 141.4          | 323.5          | 632.0          | 995.3           |
| Diseases of the heart (other forms) 90b, 91, 92a, d, e, 93a, b, d, e, 95a, c | 96-99                     | 196.9          | 3.4            | 1.7         | 1.2          | 3.1          | 7.7          | 32.7         | 127.5          | 370.5          | 1,105.6        | 2,980.1         |
| Arteriosclerosis and high blood pressure*-----                               | 102                       | 18.9           | 0              | 0           | 0.0          | 0.1          | 0.3          | 1.3          | 4.1            | 14.4           | 76.8           | 364.0           |
| Pneumonia (all forms) and influenza-----                                     | 107-109, 33               | 39.7           | 399.4          | 24.2        | 3.8          | 4.2          | 5.6          | 12.4         | 23.6           | 45.8           | 116.7          | 349.6           |
| Bronchopneumonia*-----   | 107                       | 19.0           | 246.3          | 13.3        | 1.7          | 1.5          | 1.9          | 4.0          | 7.6            | 17.5           | 51.1           | 180.2           |
| Lobar pneumonia-----   | 108                       | 12.3           | 65.7           | 4.9         | 1.1          | 1.7          | 2.5          | 6.0          | 12.0           | 20.8           | 46.3           | 110.5           |
| Pneumonia (unspecified)-----   | 109                       | 3.9            | 58.4           | 3.4         | 0.5          | 0.5          | 0.6          | 1.3          | 2.0            | 3.7            | 9.3            | 26.0            |
| Influenza-----   | 33                        | 3.5            | 29.0           | 2.6         | 0.5          | 0.5          | 0.6          | 1.0          | 2.0            | 3.8            | 10.0           | 33.0            |
| Ulcer of stomach or duodenum-----  | 117                       | 6.0            | 1.3            | 0.1         | 0.0          | 0.2          | 1.1          | 3.9          | 10.1           | 18.1           | 28.9           | 35.2            |
| Diarrhea, enteritis, etc.*-----  | 119, 120                  | 6.0            | 195.4          | 7.1         | 0.5          | 0.5          | 0.7          | 0.9          | 1.2            | 1.6            | 3.4            | 8.9             |
| Appendicitis-----  | 121                       | 2.9            | 0.8            | 1.8         | 1.6          | 1.6          | 1.4          | 2.2          | 3.5            | 6.0            | 8.6            | 11.5            |
| Hernia and intestinal obstruction-----                                       | 122                       | 8.9            | 14.1           | 1.6         | 0.5          | 0.8          | 1.4          | 3.4          | 6.9            | 13.9           | 32.5           | 68.4            |
| Cirrhosis of the liver-----  | 124                       | 11.3           | 0.8            | 0.3         | 0.1          | 0.4          | 2.5          | 11.2         | 23.4           | 32.9           | 43.5           | 53.6            |
| Biliary calculi, etc.*-----  | 126, 127                  | 4.3            | 0.2            | 0.1         | 0.0          | 0.1          | 0.5          | 1.9          | 5.1            | 12.0           | 23.2           | 40.5            |
| Nephritis-----   | 130-132                   | 53.0           | 3.2            | 2.2         | 1.9          | 4.4          | 7.3          | 18.8         | 44.9           | 97.2           | 264.4          | 708.4           |
| Diseases of the prostate-----  | 137                       | 4.6            | 0              | 0           | 0            | 0.0          | 0.0          | 0.8          | 5.8            | 29.4           | 90.1           | 216.1           |
| Diseases of pregnancy, etc.*-----  | 140-150                   | 2.8            | 0              | 0           | 0.1          | 5.6          | 7.4          | 5.3          | 0.2            | 0              | 0              | 0               |
| Puerperal septicemia-----  | 140, 142a, 145A, 147      | 0.8            | 0              | 0           | 0.0          | 1.7          | 2.3          | 1.4          | 0.1            | 0              | 0              | 0               |
| Puerperal toxemia-----   | 141a, c, 144, 148         | 0.8            | 0              | 0           | 0.0          | 2.0          | 1.7          | 1.4          | 0.0            | 0              | 0              | 0               |
| Hemorrhage, trauma or shock*-----  | 141b, 142b, 143, 146, 149 | 0.9            | 0              | 0           | 0.0          | 1.4          | 2.7          | 2.0          | 0.1            | 0              | 0              | 0               |
| Other puerperal causes-----  | 141d, e, f, 145B, 150     | 0.3            | 0              | 0           | 0.0          | 0.5          | 0.7          | 0.5          | 0.0            | 0              | 0              | 0               |
| <b>Congenital malformations</b> -----  | <b>157</b>                | <b>13.2</b>    | <b>487.7</b>   | <b>12.6</b> | <b>2.5</b>   | <b>1.7</b>   | <b>1.3</b>   | <b>1.3</b>   | <b>1.2</b>     | <b>1.1</b>     | <b>0.8</b>     | <b>0.8</b>      |
| <b>Diseases peculiar to first year of life</b> -----                         | <b>158-161</b>            | <b>42.1</b>    | <b>1,902.4</b> | ...         | ...          | ...          | ...          | ...          | ...            | ...            | ...            | ...             |
| Premature birth-----   | 158                       | 26.7           | 1,208.2        | ...         | ...          | ...          | ...          | ...          | ...            | ...            | ...            | ...             |
| Other diseases peculiar to first year of life-----                           | 159, 160, 161             | 15.4           | 694.2          | ...         | ...          | ...          | ...          | ...          | ...            | ...            | ...            | ...             |
| <b>Suicide</b> -----   | <b>163, 164</b>           | <b>11.2</b>    | <b>4.7</b>     | <b>0</b>    | <b>0</b>     | <b>4.7</b>   | <b>9.0</b>   | <b>14.7</b>  | <b>20.8</b>    | <b>25.5</b>    | <b>28.8</b>    | <b>30.8</b>     |
| <b>Homicide</b> -----  | <b>165-168</b>            | <b>5.8</b>     | <b>4.0</b>     | <b>0.5</b>  | <b>0.6</b>   | <b>7.0</b>   | <b>10.7</b>  | <b>9.9</b>   | <b>5.8</b>     | <b>4.0</b>     | <b>3.8</b>     | <b>3.1</b>      |
| <b>Accidental deaths</b> -----   | <b>169-195</b>            | <b>67.1</b>    | <b>109.3</b>   | <b>41.2</b> | <b>24.6</b>  | <b>55.4</b>  | <b>45.2</b>  | <b>48.2</b>  | <b>56.6</b>    | <b>77.9</b>    | <b>150.7</b>   | <b>418.9</b>    |
| Motor-vehicle accidents-----   | 170                       | 22.1           | 5.8            | 12.2        | 9.8          | 31.8         | 21.0         | 18.9         | 20.9           | 27.8           | 42.4           | 56.7            |
| Other accidents-----   | 169, 171-195              | 45.0           | 102.6          | 29.0        | 14.8         | 23.7         | 24.2         | 29.3         | 35.7           | 50.1           | 108.3          | 362.2           |
| <b>Sensility, ill-defined and unknown causes</b> -----                       | <b>162, 199, 200</b>      | <b>18.7</b>    | <b>119.0</b>   | <b>4.2</b>  | <b>0.8</b>   | <b>1.6</b>   | <b>2.7</b>   | <b>5.8</b>   | <b>12.4</b>    | <b>21.1</b>    | <b>56.7</b>    | <b>189.9</b>    |
| <b>All other causes</b> -----  | <b>157</b>                | <b>54.7</b>    | <b>160.0</b>   | <b>30.6</b> | <b>12.0</b>  | <b>15.5</b>  | <b>22.0</b>  | <b>37.1</b>  | <b>60.6</b>    | <b>104.5</b>   | <b>192.1</b>   | <b>356.4</b>    |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

in a number of broad categories; infant causes, such as premature birth and congenital malformations; childhood causes, as for example, whooping cough and measles; causes of the adult years of which tuberculosis is an example; and diseases of the older ages, such as heart disease or cancer.

As a result of the general level of their rates as well as their characteristic age distribution, different causes play a predominant role in the mortality of each age group. In infancy, the leading causes of death in 1948 were premature birth, congenital malformations, and pneumonia and influenza. In childhood, accidents, and pneumonia and influenza are the chief hazards. Among young adults, between 15 and 34 years, motor-vehicle accidents, other accidents, and tuberculosis alternate with one another as the three leading causes of death. At older ages, these are replaced by diseases of the heart, cancer, and intracranial lesions of vascular origin.

## Maternal mortality

Maternal mortality rates by race are given in table BN for the expanding area of the birth-registration States for the

years 1915 to 1948, inclusive. Three main periods may be distinguished in the series of rates for the two race groups combined. In the first period, from 1915 through 1929, excepting the high points recorded for 1918 and 1920, the ma-

TABLE BN.—MATERNAL MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-48

(Deaths from diseases of pregnancy, childbirth, and the puerperium per 1,000 live births in each specified group)

| YEAR      | All races |           |       | White     |      |           | Non-white |           |  |
|-----------|-----------|-----------|-------|-----------|------|-----------|-----------|-----------|--|
|           | YEAR      | All races | White | Non-white | YEAR | All races | White     | Non-white |  |
| 1948----- | 1.2       | 0.9       | 3.0   | 1951----- | 6.6  | 6.0       | 11.1      |           |  |
| 1947----- | 1.3       | 1.1       | 3.3   | 1950----- | 6.7  | 6.1       | 11.7      |           |  |
| 1946----- | 1.6       | 1.3       | 3.6   | 1929----- | 7.0  | 6.3       | 12.0      |           |  |
| 1945----- | 2.1       | 1.7       | 4.5   | 1928----- | 6.9  | 6.3       | 12.1      |           |  |
| 1944----- | 2.3       | 1.9       | 5.1   | 1927----- | 6.5  | 5.9       | 11.3      |           |  |
| 1943----- | 2.5       | 2.1       | 5.1   | 1926----- | 6.6  | 6.2       | 10.7      |           |  |
| 1942----- | 2.6       | 2.2       | 5.4   | 1925----- | 6.5  | 6.0       | 11.6      |           |  |
| 1941----- | 3.2       | 2.7       | 6.8   | 1924----- | 6.6  | 6.1       | 11.8      |           |  |
| 1940----- | 3.8       | 3.2       | 7.7   | 1923----- | 6.7  | 6.3       | 10.9      |           |  |
| 1939----- | 4.0       | 3.5       | 7.6   | 1922----- | 6.6  | 6.3       | 10.7      |           |  |
| 1938----- | 4.4       | 3.8       | 8.5   | 1921----- | 6.8  | 6.4       | 10.8      |           |  |
| 1937----- | 4.9       | 4.4       | 8.6   | 1920----- | 8.0  | 7.6       | 12.8      |           |  |
| 1936----- | 5.7       | 5.1       | 9.7   | 1919----- | 7.4  | 7.0       | 12.4      |           |  |
| 1935----- | 5.8       | 5.3       | 9.5   | 1918----- | 9.2  | 8.9       | 13.9      |           |  |
| 1934----- | 5.9       | 5.4       | 9.0   | 1917----- | 6.6  | 6.3       | 11.8      |           |  |
| 1933----- | 6.2       | 5.6       | 9.7   | 1916----- | 6.2  | 6.1       | 11.8      |           |  |
| 1932----- | 6.3       | 5.8       | 9.8   | 1915----- | 6.1  | 6.0       | 10.6      |           |  |

ternal mortality rate remained at almost the same level. In the second period, the rate declined at an average annual rate of about 3 percent from 7.0 per 1,000 live births in 1929 to 5.7 in 1936. Since then, the maternal mortality rate has declined more rapidly to 1.2 per 1,000 live births in 1948.

Since 1936, the maternal mortality rate for white women has declined faster than that for nonwhite women, so that there has been a widening of the racial differential in mortality risk associated with childbirth. The maternal mortality rate for the nonwhite races in 1948 was 3.0 per 1,000 live births, a figure more than three times as high as the rate for the white race.

The maternal mortality rates by age for 1948, given in table BO, illustrate the variation in the risk of maternal death with age. The maternal mortality rate is high at the two extremes of the childbearing ages and lowest in the age group 20-24 years.

TABLE BO.—MATERNAL DEATHS AND MATERNAL MORTALITY RATES, BY AGE: UNITED STATES, 1948

(Deaths from diseases of pregnancy, childbirth, and the puerperium. Rates per 1,000 live births in each specified group)

| AGE OF MOTHER            | Number | Rate |
|--------------------------|--------|------|
| TOTAL <sup>1</sup> ..... | 4,122  | 1.2  |
| Under 15 years.....      | 18     | 3.7  |
| 15-19 years.....         | 435    | 1.0  |
| 20-24 years.....         | 854    | 0.7  |
| 25-29 years.....         | 869    | 0.9  |
| 30-34 years.....         | 944    | 1.5  |
| 35-39 years.....         | 772    | 2.7  |
| 40-44 years.....         | 316    | 4.2  |
| 45 years and over.....   | 33     | 6.3  |

<sup>1</sup>Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

### INFANT MORTALITY STATISTICS

There were 113,169 deaths of infants under 1 year of age registered in the United States in 1948. The corresponding infant mortality rate was 32.0 per 1,000 live births. This is the lowest infant mortality rate that has been recorded for the country in the history of the birth-registration area.

#### Infant mortality trend

Table BP gives the infant mortality rates for the expanding area of the birth-registration States for the years 1915 to 1948, inclusive. In 1915, when the birth-registration area was established, the infant mortality rate was 99.9 per 1,000 live births. Since then the rate has declined almost continuously to less than a third of its former value.

Table BP also gives infant mortality rates for the white and Negro races and for the other nonwhite races. The infant mortality rates for both white and Negro infants have declined consistently since 1915 and at approximately the same rate. On the other hand the infant mortality rate for the other nonwhite races followed a very irregular course until 1933. This last group, however, is quite heterogeneous, including American Indians, Chinese, and Japanese. During the expansion period of the birth-registration area, the addition of new States frequently changed the representation of these race groups in the population of the expanding area. These changes may account for the wide swing in the infant mortality rate for the other nonwhite races between 1916 and 1930.

#### Adjustment of infant mortality rates

The infant mortality rates given in table BP have been computed by the conventional method in which the infant deaths occurring in a specified period are related to the number of

live births occurring during the same period. Rates computed in this way are influenced by changes in the number of births and will not be comparable if the birth rate is fluctuating widely. The deaths under 1 year of age occurring during any calendar year are deaths not only of infants born during that year but also of infants born during parts of the previous year. Therefore, if the birth rate is declining rapidly, the infant mortality rate will be too high because deaths for some of the births of the last year are related to a lesser number of births this year. Conversely, if the birth rate is increasing, the infant mortality rate will be too low.

TABLE BP.—INFANT MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-48  
(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births in each specified group)

| YEAR      | All races | White | NONWHITE |       |       |
|-----------|-----------|-------|----------|-------|-------|
|           |           |       | Total    | Negro | Other |
| 1948..... | 32.0      | 29.9  | 46.5     | 45.7  | 63.1  |
| 1947..... | 32.2      | 30.1  | 48.5     | 47.7  | 65.7  |
| 1946..... | 33.8      | 31.8  | 49.5     | 48.8  | 65.4  |
| 1945..... | 30.3      | 35.6  | 57.0     | 56.2  | 74.5  |
| 1944..... | 39.8      | 36.9  | 60.3     | 59.3  | 80.8  |
| 1943..... | 40.4      | 37.5  | 62.5     | 61.5  | 84.6  |
| 1942..... | 40.4      | 37.3  | 64.6     | 64.2  | 74.1  |
| 1941..... | 45.3      | 41.2  | 74.8     | 74.1  | 89.8  |
| 1940..... | 47.0      | 45.2  | 73.8     | 72.9  | 91.0  |
| 1939..... | 48.0      | 44.5  | 74.2     | 73.2  | 97.2  |
| 1938..... | 51.0      | 47.1  | 79.1     | 77.9  | 102.4 |
| 1937..... | 54.4      | 50.3  | 83.2     | 82.0  | 109.9 |
| 1936..... | 57.1      | 52.9  | 87.6     | 86.1  | 120.0 |
| 1935..... | 55.7      | 51.9  | 83.2     | 81.9  | 110.8 |
| 1934..... | 60.1      | 54.5  | 94.4     | 91.0  | 114.5 |
| 1933..... | 58.1      | 52.8  | 91.3     | 85.4  | 127.5 |
| 1932..... | 57.6      | 53.3  | 86.2     | 84.1  | 105.5 |
| 1931..... | 61.6      | 57.4  | 93.1     | 92.7  | 117.8 |
| 1930..... | 64.5      | 60.1  | 99.9     | 99.5  | 141.1 |
| 1929..... | 67.6      | 63.2  | 102.2    | 101.5 | 119.3 |
| 1928..... | 68.7      | 64.0  | 106.2    | 105.9 | 111.8 |
| 1927..... | 84.6      | 80.6  | 100.1    | 99.9  | 103.4 |
| 1926..... | 73.5      | 70.0  | 111.8    | 112.1 | 106.9 |
| 1925..... | 71.7      | 68.3  | 110.8    | 112.0 | 95.6  |
| 1924..... | 70.8      | 66.8  | 112.9    | 114.1 | 95.0  |
| 1923..... | 77.1      | 73.5  | 117.4    | 119.9 | 85.8  |
| 1922..... | 76.2      | 73.2  | 110.0    | 111.7 | 89.9  |
| 1921..... | 75.6      | 72.5  | 108.5    | 110.7 | 78.8  |
| 1920..... | 85.8      | 82.1  | 131.7    | 135.6 | 89.6  |
| 1919..... | 86.6      | 83.0  | 130.5    | 134.3 | 88.2  |
| 1918..... | 100.9     | 97.4  | 161.2    | 162.5 | 126.4 |
| 1917..... | 93.8      | 90.5  | 148.4    | 148.6 | 142.5 |
| 1916..... | 101.0     | 99.0  | 184.9    | 184.3 | 204.8 |
| 1915..... | 99.9      | 98.6  | 181.2    | 180.6 | 196.2 |

An approximate correction for this error can be made by allocating the deaths of infants occurring during a given year to the year in which the infants were born and computing the rate in two parts. The deaths of infants born during the given year are related to the number of births for the same year and the deaths of those born during the previous year are related to the births for that year. The two ratios are then added to obtain the annual rate. Table BQ gives the infant mortality rates, adjusted for the changing numbers of births, for the United States from 1934 to 1948. These may be compared with the unadjusted, or conventionally computed rates, shown in table BP. Because of the rising birth rate, the conventional

TABLE BQ.—INFANT MORTALITY RATES ADJUSTED FOR CHANGING NUMBERS OF BIRTHS: UNITED STATES, 1934-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Adjustment made by allocating infant deaths to year of birth)

| YEAR      | Adjusted rate | YEAR      | Adjusted rate |
|-----------|---------------|-----------|---------------|
| 1948..... | 31.3          | 1940..... | 47.4          |
| 1947..... | 32.8          | 1939..... | 48.0          |
| 1946..... | 34.6          | 1938..... | 51.4          |
| 1945..... | 36.1          |           |               |
| 1944..... | 39.4          | 1937..... | 54.7          |
| 1943..... | 40.7          | 1936..... | 57.1          |
| 1942..... | 41.2          | 1935..... | 55.7          |
| 1941..... | 45.9          | 1934..... | 60.6          |

rate for 1947 (32.2 per 1,000 live births) is somewhat low in comparison with the adjusted rate (32.8). On the other hand, as a result of the subsequent decline in the birth rate, the conventional rate for 1948 is somewhat high, 32.0, as compared with the adjusted rate of 31.8. As may be seen, the errors introduced into the annual rates by changes in the numbers of births are comparatively small and are not sufficient to invalidate the use of unadjusted rates for such purposes as describing the long-term trend of infant mortality. But they may be of significance in the interpretation of changes in mortality risk from one year to the next. For example, between 1947 and 1948 there was an apparent decrease of only 0.6 percent in infant mortality, as measured by the conventional rates. If correction is made, however, for the decline in the number of births between 1947 and 1948, the decrease in infant mortality is found to be 3.0 percent or appreciably greater.

Monthly infant mortality rates, computed by conventional methods, are likewise influenced by changes in the number of births. Seasonal changes alone are sufficient to introduce considerable bias into the monthly rates and serious distortion may be caused by a secular change such as the postwar rise in the birth rate. Approximate correction for this error can be made by allocating the infant deaths occurring during a given month to the month in which the infants were born and relating them to the births for that month.

**Infant mortality by month**

Table BR gives infant mortality rates by month for the United States for the 9 years 1940 through 1948. The rates are adjusted for the changing numbers of births and length of month.

The seasonal movement in the infant mortality rates for these years is characterized by comparatively high rates in the winter months, and by low rates in the summer months. In 1948, the infant mortality rates swung from a seasonal high of 36.2 per 1,000 live births in January to a low of 28.7 in September, and then rose to 32.7 in December.

TABLE BR.—INFANT MORTALITY RATES BY MONTH: UNITED STATES, 1940-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births, adjusted for changing numbers of births and length of month)

| MONTH              | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|--------------------|------|------|------|------|------|------|------|------|------|
| TOTAL <sup>1</sup> | 31.8 | 32.8 | 34.6 | 36.1 | 39.4 | 40.7 | 41.2 | 45.9 | 47.4 |
| January            | 36.2 | 36.7 | 39.7 | 41.3 | 43.7 | 44.5 | 47.4 | 57.4 | 56.1 |
| February           | 34.8 | 35.1 | 39.5 | 43.1 | 40.3 | 43.8 | 47.4 | 52.4 | 52.1 |
| March              | 32.2 | 34.7 | 36.7 | 39.8 | 41.8 | 44.0 | 45.3 | 50.3 | 49.5 |
| April              | 31.7 | 32.8 | 37.0 | 36.9 | 40.9 | 39.4 | 42.1 | 45.2 | 46.8 |
| May                | 32.7 | 31.3 | 36.1 | 36.2 | 39.1 | 38.1 | 40.6 | 43.6 | 45.5 |
| June               | 32.2 | 29.9 | 36.5 | 36.5 | 39.3 | 38.7 | 39.9 | 43.5 | 44.0 |
| July               | 29.7 | 29.1 | 33.5 | 34.4 | 37.3 | 38.1 | 40.0 | 43.8 | 44.4 |
| August             | 30.2 | 29.9 | 32.4 | 37.1 | 37.1 | 37.8 | 37.8 | 42.1 | 41.7 |
| September          | 28.7 | 29.5 | 31.2 | 37.2 | 38.1 | 36.2 | 38.3 | 41.7 | 41.7 |
| October            | 31.0 | 29.6 | 32.1 | 35.9 | 39.7 | 37.3 | 38.1 | 44.3 | 44.4 |
| November           | 31.1 | 31.4 | 32.7 | 36.4 | 37.8 | 39.8 | 38.4 | 44.0 | 49.1 |
| December           | 32.7 | 34.3 | 35.4 | 41.1 | 39.4 | 44.3 | 42.2 | 43.2 | 55.1 |

<sup>1</sup>Annual rate adjusted by allocation of infant deaths to year of birth. Monthly rates adjusted by the Registrar-General's method.

**Infant mortality rates for geographic areas**

Table BS shows infant mortality rates by race for urban and rural areas of the United States in 1948. These figures are by place of residence.

For both race groups, in 1948, the infant mortality rate was somewhat higher for rural areas than for urban. Within the urban population, an inverse association is also apparent between population size of place and infant mortality. For all races, the infant mortality rate ranges from a high of 36.0

per 1,000 live births for the small urban places of 2,500 to 10,000 population to a low of 28.9 for the large cities with populations of 100,000 or more.

TABLE BS.—DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY RACE; URBAN AND RURAL: UNITED STATES, 1948

(By place of residence. Exclusive of stillbirths. Rates per 1,000 live births in each specified group)

| AREA                   | NUMBER    |        |          | RATE      |       |          |
|------------------------|-----------|--------|----------|-----------|-------|----------|
|                        | All races | White  | Nonwhite | All races | White | Nonwhite |
| UNITED STATES--        | 113,169   | 92,034 | 21,135   | 32.0      | 29.9  | 46.5     |
| Urban-----             | 65,418    | 53,944 | 11,474   | 31.2      | 29.3  | 45.6     |
| Places of:             |           |        |          |           |       |          |
| 100,000 or more-----   | 28,436    | 22,183 | 6,253    | 28.9      | 26.6  | 41.6     |
| 25,000 to 100,000----- | 15,393    | 11,278 | 2,115    | 31.4      | 29.4  | 48.9     |
| 10,000 to 25,000-----  | 9,836     | 8,474  | 1,362    | 32.6      | 30.9  | 49.7     |
| 2,500 to 10,000-----   | 13,753    | 12,009 | 1,744    | 36.0      | 34.3  | 56.3     |
| Rural-----             | 47,751    | 38,090 | 9,661    | 33.1      | 30.8  | 47.6     |

The infant mortality rates for each State and geographic division in 1948 are given in table BT by place of residence. The infant mortality rates for the individual States ranged from 24.3 per 1,000 live births for Connecticut to 70.1 for New Mexico. The infant mortality rates for a quarter of the States were lower than 27.5; the rates for half the States fell within the range of 27.5 to 37.8, while for the remaining 12 States the rates were higher. Although the rates for the individual States within the several geographic divisions varied considerably, in general, the lower rates were in the New England, Middle Atlantic, North Central, and Pacific Divisions and the higher rates in the Mountain, South Central, and South Atlantic.

The comparability of infant mortality statistics for different areas or population groups is limited by certain sources of error. One important source is incomplete registration of infant deaths. Little quantitative information is available as to the extent of underregistration, but it is known to vary by State and, in general, to be greater in rural than in urban areas, and also greater for the nonwhite than for the white population. Misstatements of usual residence also enter into the statistics owing to a tendency on the part of some rural residents to give the neighboring urban center as the usual place of residence. Such errors probably have little effect on figures for a State, but may seriously affect data classified by population size of place, causing an overstatement of the number of resident deaths for cities, especially the smaller cities, and an understatement for the surrounding rural areas. Since these considerations apply also to natality data, the error is more or less compensated in the infant mortality rate or ratio of infant deaths to live births. It may be assumed, however, that the rate is affected to some extent, since it is unlikely that the relative error would be exactly the same for both infant deaths and live births.

**Infant mortality by age, race, and sex**

Table BU gives infant mortality rates by age for the birth-registration States for every fifth year beginning with 1915 and for each year from 1946 through 1948. Since 1915, when the birth-registration area was established, the total infant mortality rate has declined 68 percent. All age groups have shared in this reduction but in differing degrees. Mortality has declined much more rapidly among infants surviving the first few days of life than it has among the newborn. Since 1915, the mortality rates for infants past the first week of life have declined by amounts varying from 73 percent for infants 7 to 13 days of age to 88 percent for infants 9 to 11 months old. In contrast, the mortality rates for infants under 1 week have declined by smaller amounts varying from 29 percent for infants under 1 day to 58 percent for infants in the age

group 3 to 6 days. Consequently deaths in early infancy have come to form an increasing proportion of the total infant mortality. Since 1915, the proportion of infant deaths occurring under 1 week of age has nearly doubled, increasing from 30 to 59 percent.

The distribution of infant mortality by age, race, and sex in 1948 is shown in table BW. The mortality among nonwhite infants is much higher than that among white infants, the relative differences being greater after the first few days of

life than in the period immediately following birth. The infant mortality rate for all nonwhite infants under 1 year was 46.5 per 1,000 live births as compared with 29.9 for white infants.

The infant mortality among males is also considerably higher than that among females. In 1948, the mortality rate for all males under 1 year was 35.9 per 1,000 live births, while the rate for female infants was 27.9. The sex difference in infant mortality is relatively greater in the first few months of life than in later infancy.

From inspection of the rates by age, it is apparent that mortality among infants is much higher in the first day of life than in any succeeding age group. The mortality of infants under 1 day of age was a third of the total infant mortality in 1948.

However, these rates, computed for unequal age intervals, are better adapted for showing the proportionate distribution of infant mortality by age than the differences in the risk of mortality with age. A more comparable measure of the risk of mortality among infants of various ages is provided by the rates shown in table BY. These rates have been adjusted to an annual basis so that the rate for a particular age group is the number of infants per 1,000 who would die in a year if they were exposed throughout that period to the mortality prevailing in that age group.<sup>35</sup> The rates in excess of 1,000 seen for the two youngest age groups indicate that if the rate of dying in these two groups were to continue, no infants would survive the first 365 days of life.

TABLE BT.—INFANT MORTALITY RATES BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1948

(By place of residence. Exclusive of stillbirths. Deaths under 1 year per 1,000 live births in each specified group)

| AREA                 | All races | White | Nonwhite |
|----------------------|-----------|-------|----------|
| UNITED STATES        | 32.0      | 29.9  | 46.5     |
| GEOGRAPHIC DIVISIONS |           |       |          |
| New England          | 27.1      | 26.8  | 41.2     |
| Middle Atlantic      | 27.6      | 26.2  | 43.4     |
| East North Central   | 29.1      | 28.0  | 44.0     |
| West North Central   | 28.1      | 27.2  | 53.0     |
| South Atlantic       | 35.5      | 31.2  | 46.2     |
| East South Central   | 38.3      | 36.0  | 44.3     |
| West South Central   | 40.6      | 38.3  | 50.2     |
| Mountain             | 42.3      | 38.9  | 116.4    |
| Pacific              | 28.1      | 27.6  | 35.6     |
| NEW ENGLAND          |           |       |          |
| Maine                | 32.0      | 31.9  | 90.9     |
| New Hampshire        | 29.1      | 29.1  | 0        |
| Vermont              | 28.9      | 28.9  | 0        |
| Massachusetts        | 26.8      | 26.5  | 44.4     |
| Rhode Island         | 26.3      | 26.1  | 36.1     |
| Connecticut          | 24.5      | 23.8  | 37.8     |
| MIDDLE ATLANTIC      |           |       |          |
| New York             | 27.3      | 26.0  | 42.5     |
| New Jersey           | 26.5      | 24.7  | 45.2     |
| Pennsylvania         | 28.4      | 27.2  | 43.7     |
| EAST NORTH CENTRAL   |           |       |          |
| Ohio                 | 30.5      | 28.4  | 45.4     |
| Indiana              | 29.8      | 28.6  | 52.4     |
| Illinois             | 27.7      | 26.1  | 43.1     |
| Michigan             | 30.0      | 29.2  | 39.5     |
| Wisconsin            | 26.3      | 25.9  | 55.1     |
| WEST NORTH CENTRAL   |           |       |          |
| Minnesota            | 26.9      | 26.4  | 80.0     |
| Iowa                 | 26.6      | 26.6  | 29.4     |
| Missouri             | 30.3      | 28.6  | 46.7     |
| North Dakota         | 29.4      | 28.0  | 90.2     |
| South Dakota         | 32.0      | 29.1  | 96.5     |
| Nebraska             | 26.8      | 26.1  | 57.3     |
| Kansas               | 26.9      | 26.4  | 40.1     |
| SOUTH ATLANTIC       |           |       |          |
| Delaware             | 29.5      | 25.5  | 50.6     |
| Maryland             | 28.8      | 25.7  | 40.1     |
| District of Columbia | 25.5      | 22.7  | 30.0     |
| Virginia             | 38.5      | 34.0  | 51.7     |
| West Virginia        | 40.2      | 40.1  | 42.3     |
| North Carolina       | 35.3      | 29.5  | 47.6     |
| South Carolina       | 40.4      | 32.2  | 50.2     |
| Georgia              | 34.2      | 28.4  | 44.5     |
| Florida              | 35.3      | 31.3  | 45.7     |
| EAST SOUTH CENTRAL   |           |       |          |
| Kentucky             | 38.8      | 38.2  | 48.4     |
| Tennessee            | 37.7      | 35.8  | 46.6     |
| Alabama              | 37.8      | 38.9  | 46.2     |
| Mississippi          | 37.9      | 34.1  | 41.1     |
| WEST SOUTH CENTRAL   |           |       |          |
| Arkansas             | 28.4      | 26.7  | 33.4     |
| Louisiana            | 37.9      | 28.6  | 52.5     |
| Oklahoma             | 34.4      | 31.6  | 56.3     |
| Texas                | 46.2      | 45.0  | 54.1     |
| MOUNTAIN             |           |       |          |
| Montana              | 30.7      | 28.4  | 71.9     |
| Idaho                | 29.8      | 29.5  | 58.0     |
| Wyoming              | 39.5      | 36.7  | 143.8    |
| Colorado             | 38.4      | 38.1  | 52.9     |
| New Mexico           | 70.1      | 63.2  | 165.2    |
| Arizona              | 56.4      | 46.6  | 134.3    |
| Utah                 | 27.4      | 26.7  | 89.9     |
| Nevada               | 39.8      | 38.3  | 61.0     |
| PACIFIC              |           |       |          |
| Washington           | 27.5      | 26.8  | 50.0     |
| Oregon               | 25.5      | 24.9  | 57.6     |
| California           | 28.6      | 28.2  | 33.6     |

TABLE BU.—INFANT MORTALITY RATES BY AGE: BIRTH-REGISTRATION STATES FOR SELECTED YEARS

(Exclusive of stillbirths. Rates per 1,000 live births)

| AGE            | 1948 | 1947 | 1946 | 1945 | 1940 | 1935 | 1930 | 1925 | 1920 | 1915 |
|----------------|------|------|------|------|------|------|------|------|------|------|
| Under 1 year   | 32.0 | 32.2 | 33.8 | 38.3 | 47.0 | 55.7 | 64.6 | 71.7 | 85.8 | 99.9 |
| Under 1 day    | 10.7 | 10.7 | 11.4 | 11.2 | 13.9 | 15.0 | 15.0 | 15.0 | 14.8 | 15.0 |
| 1 day          | 3.4  | 3.4  | 3.5  | 3.3  | 3.7  | 4.2  | 4.2  | 4.2  | 4.6  | 4.9  |
| 2 days         | 2.1  | 2.1  | 2.2  | 2.1  | 2.2  | 2.4  | 2.9  | 3.2  | 3.4  | 3.5  |
| 3 to 6 days    | 2.8  | 3.0  | 3.0  | 3.1  | 3.6  | 4.4  | 5.1  | 5.8  | 6.4  | 6.7  |
| 7 to 15 days   | 1.6  | 1.7  | 1.9  | 2.1  | 2.4  | 3.1  | 3.9  | 4.4  | 5.4  | 6.0  |
| 14 to 20 days  | 0.9  | 1.0  | 1.1  | 1.3  | 1.6  | 2.0  | 2.5  | 2.9  | 3.8  | 4.6  |
| 21 to 29 days  | 0.8  | 0.9  | 0.9  | 1.2  | 1.4  | 1.8  | 2.1  | 2.3  | 3.1  | 3.7  |
| Under 1 month  | 22.2 | 22.8 | 24.0 | 24.3 | 28.8 | 32.4 | 35.7 | 37.8 | 41.5 | 44.4 |
| 1 month        | 2.0  | 2.0  | 2.2  | 2.8  | 3.5  | 4.4  | 5.3  | 5.8  | 7.3  | 9.0  |
| 2 months       | 1.6  | 1.6  | 1.6  | 2.2  | 2.9  | 3.5  | 4.2  | 4.6  | 5.7  | 7.6  |
| 3 to 5 months  | 3.2  | 3.0  | 3.0  | 4.5  | 5.9  | 7.1  | 8.8  | 10.3 | 13.1 | 16.9 |
| 6 to 8 months  | 1.8  | 1.7  | 1.8  | 2.7  | 3.6  | 4.8  | 6.2  | 7.4  | 10.0 | 12.5 |
| 9 to 11 months | 1.1  | 1.0  | 1.1  | 1.6  | 2.4  | 3.5  | 4.6  | 5.8  | 8.3  | 9.5  |

TABLE BW.—INFANT MORTALITY RATES BY DETAILED AGE, RACE, AND SEX: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births in each specified group)

| AGE           | ALL RACES  |      |        | WHITE      |      |        | NONWHITE   |      |        |
|---------------|------------|------|--------|------------|------|--------|------------|------|--------|
|               | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
| Under 1 year  | 32.0       | 35.9 | 27.9   | 29.9       | 33.7 | 25.9   | 46.5       | 51.4 | 41.4   |
| Under 1 day   | 10.7       | 12.1 | 9.1    | 10.3       | 11.8 | 8.8    | 12.9       | 14.6 | 11.2   |
| 1 day         | 3.4        | 3.9  | 2.9    | 3.3        | 3.8  | 2.8    | 3.9        | 4.3  | 3.5    |
| 2 days        | 2.1        | 2.5  | 1.7    | 2.1        | 2.4  | 1.7    | 2.5        | 2.9  | 2.2    |
| 3-6 days      | 2.8        | 3.2  | 2.3    | 2.6        | 3.0  | 2.1    | 4.0        | 4.5  | 3.5    |
| 7-15 days     | 1.6        | 1.7  | 1.4    | 1.4        | 1.5  | 1.3    | 2.7        | 2.9  | 2.6    |
| 14-20 days    | 0.9        | 1.0  | 0.8    | 0.8        | 0.9  | 0.7    | 1.6        | 1.6  | 1.5    |
| 21-29 days    | 0.8        | 0.9  | 0.7    | 0.7        | 0.8  | 0.6    | 1.4        | 1.6  | 1.2    |
| Under 1 month | 22.2       | 25.2 | 19.0   | 21.2       | 24.2 | 18.0   | 29.1       | 32.4 | 25.8   |
| 1 month       | 2.0        | 2.2  | 1.7    | 1.8        | 2.0  | 1.5    | 3.5        | 3.8  | 3.1    |
| 2 months      | 1.6        | 1.6  | 1.4    | 1.4        | 1.6  | 1.2    | 2.9        | 3.3  | 2.5    |
| 3 months      | 1.3        | 1.4  | 1.2    | 1.2        | 1.2  | 1.1    | 2.5        | 2.8  | 2.2    |
| 4 months      | 1.1        | 1.1  | 1.0    | 0.9        | 1.0  | 0.9    | 1.9        | 2.1  | 1.8    |
| 5 months      | 0.9        | 0.9  | 0.8    | 0.8        | 0.8  | 0.7    | 1.5        | 1.7  | 1.4    |
| 6 months      | 0.7        | 0.8  | 0.7    | 0.6        | 0.7  | 0.6    | 1.3        | 1.5  | 1.1    |
| 7 months      | 0.6        | 0.6  | 0.5    | 0.5        | 0.5  | 0.5    | 1.0        | 1.0  | 1.0    |
| 8 months      | 0.5        | 0.5  | 0.5    | 0.5        | 0.5  | 0.5    | 0.9        | 0.9  | 0.9    |
| 9 months      | 0.4        | 0.5  | 0.4    | 0.4        | 0.4  | 0.4    | 0.8        | 0.8  | 0.7    |
| 10 months     | 0.4        | 0.4  | 0.3    | 0.3        | 0.3  | 0.3    | 0.5        | 0.5  | 0.5    |
| 11 months     | 0.3        | 0.3  | 0.3    | 0.3        | 0.3  | 0.3    | 0.5        | 0.6  | 0.5    |

<sup>35</sup>For a discussion of the importance of this adjustment, see Collins, Selwyn D., "Illness Among Infants With Comparative Mortality Data," Public Health Reports, vol. 63, No. 20, pp. 637-662, May 14, 1948.

TABLE BY.—INFANT MORTALITY RATES BY DETAILED AGE, ADJUSTED TO AN ANNUAL BASIS: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births)

| AGE                | Rate adjusted to an annual basis | AGE            | Rate adjusted to an annual basis |
|--------------------|----------------------------------|----------------|----------------------------------|
| UNDER 1 YEAR-----  | 32.0                             | 2 months-----  | 19.4                             |
| Under 1 day-----   | 3,898.5                          | 3 months-----  | 15.9                             |
| 1 day-----         | 1,235.7                          | 4 months-----  | 12.7                             |
| 2 days-----        | 772.8                            | 5 months-----  | 10.3                             |
| 3 to 6 days-----   | 252.6                            | 6 months-----  | 8.8                              |
| 7 to 13 days-----  | 81.3                             | 7 months-----  | 6.9                              |
| 14 to 20 days----- | 49.6                             | 8 months-----  | 6.3                              |
| 21 to 29 days----- | 32.8                             | 9 months-----  | 5.3                              |
| Under 1 month----- | 270.7                            | 10 months----- | 4.2                              |
| 1 month-----       | 23.9                             | 11 months----- | 3.9                              |

Infant mortality by cause of death

Infant mortality rates for selected causes are presented in table BZ for the years 1935, 1940, and 1945 through 1948. The major features of this table are the predominance of premature birth as a cause of infant deaths, the decline between 1935 and 1948 in the mortality from the infectious diseases, and the relatively small change in the infant mortality rates for congenital malformations and accidents.

The five leading causes of death among infants in 1948 were premature birth; congenital malformations; pneumonia and influenza; injury at birth; and diarrhea, enteritis, and ulceration of the intestines. Together these causes accounted for 76 percent of all infant deaths for the year.

TABLE BZ.—INFANT MORTALITY RATES FOR SELECTED CAUSES: UNITED STATES, 1935, 1940, 1945-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

| CAUSE OF DEATH   | 1948 | 1947 | 1946 | 1945 | 1940 | 1935 |
|--|------|------|------|------|------|------|
| ALL CAUSES-----  | 32.0 | 32.2 | 33.8 | 33.3 | 47.0 | 55.7 |
| Cerebrospinal (meningococcus) meningitis-----6                 | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  |
| Scarlet fever-----9  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  |
| Whooping cough-----9   | 0.2  | 0.4  | 0.3  | 0.5  | 0.9  | 1.4  |
| Diphtheria (infection by C. diphtheriae)-----10                | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  |
| Tuberculosis (all forms)-----13-22                             | 0.1  | 0.1  | 0.1  | 0.2  | 0.2  | 0.3  |
| Tuberculosis of the respiratory system, etc.*-----13           | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  | 0.1  |
| Tuberculosis of the meninges, etc.*-----14                     | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  |
| Tuberculosis (other forms)-----15-22                           | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  |
| Dysentery-----27   | 0.2  | 0.1  | 0.1  | 0.3  | 0.4  | 0.4  |
| Malaria-----28   | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.2  |
| Syphilis-----30  | 0.1  | 0.1  | 0.2  | 0.3  | 0.5  | 0.7  |
| Measles-----35   | 0.1  | 0.0  | 0.1  | 0.0  | 0.1  | 0.4  |
| Diseases of the thymus gland-----54                            | 0.2  | 0.3  | 0.3  | 0.4  | 0.4  | 0.5  |
| Meningitis (not due to meningococcus)-----61                   | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | 0.3  |
| Intracranial lesions of vascular origin-----63                 | 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | 0.1  |
| Convulsions-----66   | 0.1  | 0.1  | 0.1  | 0.1  | 0.2  | 0.3  |
| Diseases of the ear and mastoid process-----69                 | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  | 0.3  |
| Diseases of the heart-----90-95                                | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  | 0.2  |
| Pneumonia (all forms) and influenza-107-109,35                 | 3.7  | 3.8  | 3.8  | 5.3  | 7.4  | 9.2  |
| Bronchopneumonia, etc.*-----107                                | 2.3  | 2.2  | 2.3  | 3.1  | 4.3  | 5.5  |
| Lobar pneumonia-----108  | 0.8  | 0.8  | 0.7  | 0.9  | 1.4  | 1.6  |
| Pneumonia (unspecified)-----109                                | 0.5  | 0.5  | 0.5  | 0.7  | 0.6  | 0.5  |
| Influenza-----35   | 0.3  | 0.3  | 0.4  | 0.6  | 1.1  | 1.5  |
| Other diseases of respiratory system-----104-106,110-114       | 0.3  | 0.3  | 0.3  | 0.4  | 0.5  | 0.6  |
| Ulcer of stomach or duodenum-----117                           | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Diarrhea, enteritis, etc.*-----119                             | 1.8  | 1.5  | 1.7  | 3.0  | 3.5  | 4.9  |
| Intestinal obstruction-----122b                                | 0.1  | 0.2  | 0.1  | 0.2  | 0.3  | 0.4  |
| Other diseases of digestive system-----115,116,118,121,123-129 | 0.1  | 0.1  | 0.1  | 0.2  | 0.4  | 0.6  |
| Nephritis-----130,131  | 0.0  | 0.0  | 0.0  | 0.0  | 0.1  | 0.1  |
| Congenital malformations-----157                               | 4.5  | 4.6  | 4.5  | 5.0  | 4.7  | 4.8  |
| Diseases peculiar to first year of life-158-161                | 17.4 | 17.7 | 18.8 | 18.6 | 21.9 | 23.8 |
| Congenital debility-----158                                    | 0.5  | 0.5  | 0.5  | 0.8  | 1.2  | 1.7  |
| Premature birth-----159  | 11.1 | 11.1 | 12.1 | 11.6 | 13.7 | 15.4 |
| Injury at birth-----160  | 3.4  | 3.5  | 3.6  | 3.6  | 4.5  | 4.5  |
| Other diseases peculiar to the first year-161                  | 2.4  | 2.6  | 2.5  | 2.6  | 2.5  | 2.2  |
| Aphyxia (cause not specified), atelectasis-----161a            | 1.5  | 1.6  | 1.5  | 1.5  | 1.3  | 1.0  |
| Infection of the umbilicus, etc.*-----161b,c                   | 0.9  | 1.0  | 1.1  | 1.2  | 1.2  | 1.3  |
| Homicide-----165-168   | 0.0  | 0.0  | 0.0  | 0.1  | 0.0  | 0.1  |
| Accidental deaths-----169-195                                  | 1.0  | 1.0  | 0.9  | 1.0  | 1.1  | 1.0  |
| Accidental mechanical suffocation-----182                      | 0.4  | 0.4  | 0.4  | 0.5  | 0.5  | 0.4  |
| Other accidental deaths-----169-181,183-195                    | 0.5  | 0.5  | 0.5  | 0.5  | 0.6  | 0.6  |
| Ill-defined and unknown causes-----199,200                     | 1.1  | 1.1  | 1.3  | 1.6  | 2.4  | 3.4  |
| All other causes-----  | 0.6  | 0.6  | 0.6  | 0.8  | 1.1  | 1.6  |

\*Refer to International List for complete title, table IX.

The infant mortality rates for these five causes in 1948 are shown in table CA. It will be seen that premature birth, congenital malformations, and injury at birth take their greatest toll in early infancy. Nearly all deaths in 1948 from premature birth, and injury at birth, and two-thirds of the deaths from congenital malformations occurred within the first month of life. On the other hand, deaths from pneumonia and influenza, and from diarrhea and enteritis are more frequent in later infancy, the greater number occurring among infants 1 month of age and over.

TABLE CA.—INFANT MORTALITY RATES FOR THE FIVE LEADING CAUSES, BY AGE: UNITED STATES, 1948

(Exclusive of stillbirths. Rates per 1,000 live births. Numbers under causes of death are International List numbers, 1938 revision)

| AGE                 | All causes | Pre-mature birth (159) | Congenital mal-formations (157) | Pneu-monia and influenza (107-109,35) | Injury at birth (160) | Diarrhea, enteritis, and ulceration of intestines (119) |
|---------------------|------------|------------------------|---------------------------------|---------------------------------------|-----------------------|---|
| TOTAL-----          | 32.0       | 11.1                   | 4.5                             | 3.7                                   | 3.4                   | 1.8   |
| Under 1 month-----  | 22.2       | 10.8                   | 2.9                             | 0.8                                   | 3.4                   | 0.3   |
| Under 1 day-----    | 10.7       | 6.3                    | 1.0                             | 0.0                                   | 1.9                   | 0.0   |
| 1 to 6 days-----    | 8.2        | 3.7                    | 1.2                             | 0.3                                   | 1.4                   | 0.0   |
| 1 to 3 weeks-----   | 5.3        | 0.9                    | 0.8                             | 0.5                                   | 0.1                   | 0.3   |
| 1 to 11 months----- | 9.8        | 0.2                    | 1.6                             | 2.8                                   | 0.1                   | 1.5   |
| 1 to 5 months-----  | 6.9        | 0.2                    | 1.1                             | 2.0                                   | 0.0                   | 1.0   |
| 6 to 11 months----- | 3.0        | 0.0                    | 0.4                             | 0.8                                   | 0.0                   | 0.5   |

DEATHS IN INSTITUTIONS

A total of 48.1 percent of the deaths registered in the United States in 1948 was reported as occurring in hospitals or institutions. In 1937, when annual data of this type first became available, 36.7 percent of all deaths were reported as occurring in institutions. Since then the proportion of deaths occurring in hospitals and institutions has increased steadily (table CB).

The term institution as used here includes all types of hospitals, sanatoria, and nursing and convalescent homes. It also includes resident institutions, such as homes for the aged, schools and colleges, penal establishments, and mental institutions.

TABLE CB.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES, 1937-48

(Exclusive of stillbirths)

| YEAR      | Total | In institution | Not in institution |
|-----------|-------|----------------|--------------------|
| 1948----- | 100.0 | 48.1           | 51.9               |
| 1947----- | 100.0 | 47.2           | 52.8               |
| 1946----- | 100.0 | 46.9           | 53.1               |
| 1945----- | 100.0 | 46.3           | 53.7               |
| 1944----- | 100.0 | 45.4           | 54.6               |
| 1943----- | 100.0 | 44.1           | 55.9               |
| 1942----- | 100.0 | 42.3           | 57.7               |
| 1941----- | 100.0 | 40.8           | 59.2               |
| 1940----- | 100.0 | 39.0           | 61.0               |
| 1939----- | 100.0 | 37.7           | 62.3               |
| 1938----- | 100.0 | 37.0           | 63.0               |
| 1937----- | 100.0 | 36.7           | 63.3               |

NOTE.—Data for 1940-48 exclude deaths among armed forces overseas.

Table CC shows the number of deaths in 1948 occurring in institutions according to type of service of the institution. For the most part, deaths classified as occurring in institutions take place in general hospitals. Of the total number of deaths in 1948, 38.2 percent occurred in general hospitals, 2.9 percent in other nonresident hospitals and institutions, 3.2 percent in mental institutions, and 2.5 percent in other resident institutions. (The remaining 51.9 percent occurred outside a hospital or institution.) In a small percentage of the cases, the type of service of the institution in which death occurred was not stated.

TABLE CC.—NUMBER AND PERCENTAGE DISTRIBUTION OF DEATHS IN INSTITUTIONS, BY TYPE OF SERVICE: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

| TYPE OF SERVICE                              | Number of deaths | Percent of total deaths |
|--|------------------|-------------------------|
| TOTAL-----                                   | 1,444,337        | 100.0                   |
| Not in institutions-----                     | 749,995          | 51.9                    |
| In institutions-----                         | 694,342          | 48.1                    |
| TYPE OF SERVICE:                             |                  |                         |
| Nonresident institutions-----                | 595,411          | 41.1                    |
| General hospitals-----                       | 551,824          | 38.2                    |
| Maternity hospitals-----                     | 2,246            | 0.2                     |
| Children's hospitals-----                    | 3,759            | 0.3                     |
| Tuberculosis hospitals-----                  | 14,063           | 1.0                     |
| Special and other nonresident hospitals----- | 8,446            | 0.6                     |
| Convalescent, etc., homes-----               | 12,255           | 0.8                     |
| Other nonresident institutions-----          | 618              | 0.1                     |
| Resident institutions-----                   | 82,518           | 5.7                     |
| Mental institutions-----                     | 46,506           | 3.2                     |
| Other resident institutions-----             | 36,012           | 2.5                     |
| Not stated-----                              | 18,415           | 1.3                     |

Table CD shows for each State, the proportion of the deaths among its residents which occurred in hospitals or institutions in 1948. The proportion ranged from 30.2 percent for residents of Mississippi to 60.3 percent for residents of Washington

TABLE CD.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES AND EACH STATE, 1948

(By place of residence. Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | Total | In institution | Not in institution |
|---------------------------|-------|----------------|--------------------|
| UNITED STATES-----        | 100.0 | 48.1           | 51.9               |
| Alabama-----              | 100.0 | 31.4           | 68.6               |
| Arizona-----              | 100.0 | 55.5           | 44.5               |
| Arkansas-----             | 100.0 | 34.1           | 65.9               |
| California-----           | 100.0 | 57.5           | 42.5               |
| Colorado-----             | 100.0 | 57.8           | 42.2               |
| Connecticut-----          | 100.0 | 53.3           | 46.7               |
| Delaware-----             | 100.0 | 48.4           | 51.6               |
| District of Columbia----- | 100.0 | 60.9           | 39.1               |
| Florida-----              | 100.0 | 47.0           | 53.0               |
| Georgia-----              | 100.0 | 35.7           | 64.3               |
| Idaho-----                | 100.0 | 51.6           | 48.4               |
| Illinois-----             | 100.0 | 53.7           | 46.3               |
| Indiana-----              | 100.0 | 42.7           | 57.3               |
| Iowa-----                 | 100.0 | 49.5           | 50.5               |
| Kansas-----               | 100.0 | 47.8           | 52.2               |
| Kentucky-----             | 100.0 | 34.1           | 65.9               |
| Louisiana-----            | 100.0 | 42.2           | 57.8               |
| Maine-----                | 100.0 | 43.0           | 57.0               |
| Maryland-----             | 100.0 | 43.3           | 56.7               |
| Massachusetts-----        | 100.0 | 51.6           | 48.4               |
| Michigan-----             | 100.0 | 51.5           | 48.5               |
| Minnesota-----            | 100.0 | 55.9           | 44.1               |
| Mississippi-----          | 100.0 | 30.2           | 69.8               |
| Missouri-----             | 100.0 | 46.6           | 53.4               |
| Montana-----              | 100.0 | 58.9           | 41.1               |
| Nebraska-----             | 100.0 | 49.1           | 50.9               |
| Nevada-----               | 100.0 | 59.7           | 40.3               |
| New Hampshire-----        | 100.0 | 52.9           | 47.1               |
| New Jersey-----           | 100.0 | 50.2           | 49.8               |
| New Mexico-----           | 100.0 | 44.6           | 55.4               |
| New York-----             | 100.0 | 55.7           | 44.3               |
| North Carolina-----       | 100.0 | 38.3           | 61.7               |
| North Dakota-----         | 100.0 | 56.9           | 43.1               |
| Ohio-----                 | 100.0 | 46.4           | 53.6               |
| Oklahoma-----             | 100.0 | 42.8           | 57.2               |
| Oregon-----               | 100.0 | 54.6           | 45.4               |
| Pennsylvania-----         | 100.0 | 47.1           | 52.9               |
| Rhode Island-----         | 100.0 | 47.3           | 52.7               |
| South Carolina-----       | 100.0 | 34.7           | 65.3               |
| South Dakota-----         | 100.0 | 53.2           | 46.8               |
| Tennessee-----            | 100.0 | 36.2           | 63.8               |
| Texas-----                | 100.0 | 40.1           | 59.9               |
| Utah-----                 | 100.0 | 48.2           | 51.8               |
| Vermont-----              | 100.0 | 46.7           | 53.3               |
| Virginia-----             | 100.0 | 39.6           | 60.4               |
| Washington-----           | 100.0 | 60.3           | 39.7               |
| West Virginia-----        | 100.0 | 37.6           | 62.4               |
| Wisconsin-----            | 100.0 | 53.4           | 46.6               |
| Wyoming-----              | 100.0 | 60.2           | 39.8               |

and 60.9 for the District of Columbia. In general, the proportion was low for residents of Southern States and comparatively high for those of the Mountain and Pacific States.

LIFE TABLES

The rates of mortality during a specific period may be summarized by the life table method to obtain measures of comparative longevity. The basis of these measures is a closed cohort for each of the population groups under examination which is assumed to be subject throughout life to the mortality rates of that period. For example, table CE presents life tables separately for whites and nonwhites by sex, each of the four tables showing the progress of a cohort starting with 100,000 live births and subject throughout life to the mortality rates of the year 1948.

The most usual measure of the comparative longevity of different populations is the average duration of life, also called the expectation of life at birth. This is the average number of years lived by the members of the life table cohort. In table CE, the average duration of life appears, in each case, opposite age 0 in the column which gives the average remaining lifetime. These values indicate that females, on the average, live longer than males, and white persons longer than nonwhites.

There is, however, some objection to the use of the average duration of life as a standard of comparison because the method of calculating it gives great weight to the relatively large number of deaths occurring in the first year of life. This influence may be entirely eliminated by considering instead the average lifetime remaining to those members of the cohort surviving to age 1, or, in other words, the expectation of life at age 1. As a result of this change the differences between these various groups are somewhat reduced; however, white females still live, on the average, 5.5 years longer than white males, and 8.5 years longer than nonwhite females, while white males live 7.4 years longer than nonwhite males.

Another possible standard for comparing the longevity of different populations is provided by the median length of life, or "probable lifetime," which is the age at which half of the original members of the cohort have died. When the life table cohort starts with 100,000 births, this would be the age at which there are just 50,000 survivors. In other words, it is the age to which an infant born alive has just an even chance of surviving. In computing this median length of life the deaths in the age group in which the median age lies are assumed to be evenly distributed. Thus, from table CE the median length of life on the basis of 1948 mortality rates for white males is determined to be 70.1 years, for white females 75.8 years, for nonwhite males 61.4 years, and for nonwhite females 65.5 years. It is evident that the median length of life is longer than the average duration of life for all groups.

Still another measure of comparative longevity is the number of persons surviving to stated ages in a cohort of, say, 100,000 live births. For example, it is of some interest to examine the proportion of survivors to ages 20 and 65, since these ages may be taken as representing, respectively, the attainment of manhood or womanhood, and the retirement age prescribed by the Social Security Act. At age 20 the ratio of nonwhite male to white male survivors in the 1948 life tables is 97 percent, while at age 65 the ratio is 69 percent. This marked difference indicates the cumulative effect of higher mortality among nonwhite males in the intervening years. For white and nonwhite females the corresponding ratios are 97 percent and 68 percent.

Life tables have been prepared at 10-year intervals for the United States since 1900. Each of these is based on a census of population and deaths in the 3-year period containing the census year. Selected values from these tables are shown in

table CF together with corresponding figures from life tables for the single years 1945, 1947, and 1948. In using these values it must be remembered that since the area covered at each period was limited by the size of the death-registration area these values are not strictly comparable. This cause of variation could at most account for only a small part of the spectacular improvement which is shown in a comparison of the values for white persons; however, since there is thought to be a more serious question of comparability with regard to nonwhites, no values have been shown for this group for periods prior to the completion of the death-registration area in the United States.

In the 48 years between 1900 and 1948, the average duration of life has increased by 17.3 years for white males and 19.9 years for white females, while the proportion reaching age 65 has increased by 59 percent for white males and 73 percent for white females. The improvement in the average remaining lifetime becomes progressively less at older ages, but the recent values even at relatively old ages are substantially higher than in the earliest period. In addition, it is evident that the relative increase over this period has been

greater for white females than white males at the older ages. Over the relatively short period from 1930 to 1948 the improvement of about 11 years in the average duration of life for nonwhite males and about 13 years for nonwhite females is striking.

**Explanation of the columns of the life table**

*Column 1—Age interval (x to x+n).*—The age interval, shown in column 1, is the interval between the two exact ages indicated. For instance, "20-25" means the 5-year interval between the twentieth birthday and the twenty-fifth.

*Column 2—Proportion dying ( $nq_x$ ).*—This column shows the proportion dying during the indicated age interval among those alive on the birthday which marks the beginning of the interval. For example, the proportion dying in the age interval 20-25 for white males is 0.0092. In other words, if the age-specific mortality rates prevailing in 1948 should continue in effect over a 5-year period, then, out of every 1,000 white males alive and exactly 20 years old at the beginning of the period, 9.2 would die before reaching their

TABLE CE.—ABRIDGED LIFE TABLES FOR FOUR RACE-SEX GROUPS IN THE UNITED STATES: 1948

| AGE INTERVAL         | PROPORTION DYING | OF 100,000 BORN ALIVE                      |                                  | STATIONARY POPULATION |  | AVERAGE REMAINING LIFETIME | AGE INTERVAL            | PROPORTION DYING | OF 100,000 BORN ALIVE  |  | STATIONARY POPULATION            |                     | AVERAGE REMAINING LIFETIME |
|----------------------|------------------|--|----------------------------------|-----------------------|--|----------------------------|-------------------------|------------------|--|--|----------------------------------|---------------------|----------------------------|
|                      |                  | Number living at beginning of age interval | Number dying during age interval | In the age interval   | In this and all subsequent age intervals |                            |                         |                  | Average number of years of life remaining at beginning of age interval | Number living at beginning of age interval | Number dying during age interval | In the age interval |                            |
| (1)                  | (2)              | (3)  | (4)                              | (5)                   | (6)                                      | (7)                        | (1)                     | (2)              | (3)  | (4)  | (5)                              | (6)                 | (7)                        |
| <i>x to x+n</i>      | $nq_x$           | $l_x$                                      | $n^d_x$                          | $n^l_x$               | $T_x$                                    | $e_x$                      | <i>x to x+n</i>         | $nq_x$           | $l_x$  | $n^d_x$                                    | $n^l_x$                          | $T_x$               | $e_x$                      |
| <b>WHITE MALES</b>   |                  |  |                                  |                       |  |                            | <b>NONWHITE MALES</b>   |                  |  |  |                                  |                     |                            |
| 0-1                  | 0.0354           | 100,000                                    | 3,540                            | 97,062                | 8,549,427                                | 65.6                       | 0-1                     | 0.0521           | 100,000  | 5,210                                      | 95,627                           | 5,806,239           | 58.1                       |
| 1-5                  | .0064            | 96,660                                     | 619                              | 384,824               | 6,452,365                                | 66.8                       | 1-5                     | .0106            | 94,790   | 1,005                                      | 375,849                          | 5,710,612           | 60.2                       |
| 5-10                 | .0038            | 96,041                                     | 365                              | 479,187               | 6,087,541                                | 63.2                       | 5-10                    | .0044            | 93,785   | 413  | 467,668                          | 5,334,763           | 56.9                       |
| 10-15                | .0038            | 95,676                                     | 364                              | 477,527               | 5,588,344                                | 58.4                       | 10-15                   | .0050            | 93,372   | 467  | 465,711                          | 4,867,085           | 52.1                       |
| 15-20                | .0069            | 95,312                                     | 648                              | 475,073               | 5,110,817                                | 53.6                       | 15-20                   | .0116            | 92,905   | 1,076                                      | 462,015                          | 4,401,384           | 47.4                       |
| 20-25                | .0092            | 94,664                                     | 871                              | 471,199               | 4,635,744                                | 49.0                       | 20-25                   | .0190            | 91,827   | 1,745                                      | 455,009                          | 3,939,369           | 42.9                       |
| 25-30                | .0091            | 93,793                                     | 854                              | 466,886               | 4,164,545                                | 44.4                       | 25-30                   | .0240            | 90,082   | 2,162                                      | 445,112                          | 3,484,560           | 38.7                       |
| 30-35                | .0112            | 92,939                                     | 1,041                            | 462,222               | 3,697,659                                | 39.8                       | 30-35                   | .0285            | 87,920   | 2,506                                      | 433,439                          | 3,038,248           | 34.6                       |
| 35-40                | .0161            | 91,898                                     | 1,480                            | 456,027               | 3,235,437                                | 35.2                       | 35-40                   | .0427            | 85,434   | 3,647                                      | 418,103                          | 2,605,809           | 30.5                       |
| 40-45                | .0254            | 90,418                                     | 2,297                            | 446,740               | 2,779,410                                | 30.7                       | 40-45                   | .0593            | 81,767   | 4,849                                      | 396,935                          | 2,187,706           | 26.8                       |
| 45-50                | .0392            | 88,121                                     | 3,454                            | 432,540               | 2,332,670                                | 26.5                       | 45-50                   | .0816            | 76,918   | 6,277                                      | 369,237                          | 1,790,771           | 23.3                       |
| 50-55                | .0633            | 84,667                                     | 5,359                            | 410,708               | 1,900,130                                | 22.4                       | 50-55                   | .1201            | 70,641   | 8,484                                      | 332,274                          | 1,421,534           | 20.1                       |
| 55-60                | .0909            | 79,308                                     | 7,209                            | 379,411               | 1,489,459                                | 18.8                       | 55-60                   | .1511            | 62,157   | 9,392                                      | 287,454                          | 1,089,260           | 17.5                       |
| 60-65                | .1331            | 72,099                                     | 9,596                            | 337,407               | 1,110,011                                | 15.4                       | 60-65                   | .1843            | 52,765   | 9,725                                      | 239,503                          | 801,806             | 15.2                       |
| 65-70                | .1968            | 62,503                                     | 12,301                           | 282,642               | 772,604                                  | 12.4                       | 65-70                   | .2476            | 43,040   | 10,657                                     | 189,497                          | 562,303             | 13.1                       |
| 70-75                | .2730            | 50,202                                     | 13,705                           | 217,328               | 489,962                                  | 9.8                        | 70-75                   | .2923            | 32,383   | 9,466                                      | 138,178                          | 373,806             | 11.5                       |
| 75-80                | .3728            | 36,497                                     | 13,606                           | 147,947               | 272,634                                  | 7.5                        | 75-80                   | .3331            | 22,917   | 7,634                                      | 95,374                           | 235,628             | 10.3                       |
| 80-85                | .5006            | 22,891                                     | 11,459                           | 85,875                | 124,887                                  | 5.4                        | 80-85                   | .3354            | 15,283   | 5,126                                      | 63,162                           | 140,254             | 9.2                        |
| 85 and over          | 1.0000           | 11,432                                     | 11,432                           | 40,812                | 40,812                                   | 3.6                        | 85 and over             | 1.0000           | 10,157   | 10,157                                     | 77,092                           | 77,092              | 7.6                        |
| <b>WHITE FEMALES</b> |                  |  |                                  |                       |  |                            | <b>NONWHITE FEMALES</b> |                  |  |  |                                  |                     |                            |
| 0-1                  | 0.0257           | 100,000                                    | 2,570                            | 97,633                | 7,103,723                                | 71.0                       | 0-1                     | 0.0420           | 100,000  | 4,200                                      | 96,639                           | 6,249,767           | 62.5                       |
| 1-5                  | .0053            | 97,430                                     | 516                              | 398,163               | 7,005,890                                | 71.9                       | 1-5                     | .0096            | 95,800   | 920  | 380,273                          | 6,153,129           | 64.2                       |
| 5-10                 | .0026            | 96,914                                     | 252                              | 493,843               | 6,617,727                                | 68.3                       | 5-10                    | .0039            | 94,880   | 370  | 475,267                          | 5,772,955           | 60.8                       |
| 10-15                | .0023            | 96,662                                     | 222                              | 492,794               | 6,133,884                                | 63.5                       | 10-15                   | .0045            | 94,510   | 426  | 471,506                          | 5,299,586           | 56.1                       |
| 15-20                | .0036            | 96,440                                     | 347                              | 491,429               | 5,651,090                                | 58.6                       | 15-20                   | .0103            | 94,085   | 969  | 468,246                          | 4,826,082           | 51.3                       |
| 20-25                | .0046            | 96,093                                     | 442                              | 479,437               | 5,169,661                                | 53.8                       | 20-25                   | .0162            | 93,116   | 1,508                                      | 461,958                          | 4,359,836           | 46.8                       |
| 25-30                | .0065            | 95,681                                     | 626                              | 477,016               | 4,690,224                                | 49.0                       | 25-30                   | .0192            | 91,608   | 1,759                                      | 453,697                          | 3,897,978           | 42.5                       |
| 30-35                | .0072            | 95,125                                     | 685                              | 474,007               | 4,213,208                                | 44.3                       | 30-35                   | .0230            | 89,849   | 2,067                                      | 444,184                          | 3,444,181           | 38.3                       |
| 35-40                | .0108            | 94,440                                     | 1,020                            | 463,800               | 3,739,201                                | 39.6                       | 35-40                   | .0337            | 87,762   | 2,934                                      | 431,230                          | 2,999,997           | 34.2                       |
| 40-45                | .0156            | 93,420                                     | 1,457                            | 463,717               | 3,269,401                                | 35.0                       | 40-45                   | .0467            | 84,646   | 3,953                                      | 413,556                          | 2,566,767           | 30.3                       |
| 45-50                | .0227            | 91,963                                     | 2,098                            | 454,977               | 2,805,684                                | 30.5                       | 45-50                   | .0659            | 80,695   | 5,318                                      | 390,492                          | 2,155,211           | 26.7                       |
| 50-55                | .0349            | 89,875                                     | 3,137                            | 442,080               | 2,380,707                                | 26.2                       | 50-55                   | .0905            | 75,377   | 6,922                                      | 360,147                          | 1,764,719           | 23.4                       |
| 55-60                | .0517            | 86,738                                     | 4,484                            | 423,274               | 1,908,627                                | 22.0                       | 55-60                   | .1131            | 68,555   | 7,754                                      | 323,630                          | 1,404,572           | 20.5                       |
| 60-65                | .0799            | 82,254                                     | 6,572                            | 396,914               | 1,438,353                                | 18.1                       | 60-65                   | .1586            | 60,801   | 9,643                                      | 279,720                          | 1,080,962           | 17.8                       |
| 65-70                | .1311            | 73,682                                     | 9,922                            | 355,048               | 1,089,439                                | 14.4                       | 65-70                   | .2246            | 51,158   | 11,490                                     | 227,001                          | 801,042             | 15.7                       |
| 70-75                | .2028            | 65,760                                     | 13,336                           | 296,937               | 734,380                                  | 11.2                       | 70-75                   | .2366            | 39,668   | 9,385                                      | 174,822                          | 574,041             | 14.5                       |
| 75-80                | .3007            | 52,424                                     | 15,764                           | 223,022               | 437,454                                  | 8.3                        | 75-80                   | .2524            | 30,283   | 7,734                                      | 131,974                          | 399,219             | 12.5                       |
| 80-85                | .4527            | 36,660                                     | 16,596                           | 139,995               | 214,432                                  | 5.8                        | 80-85                   | .2701            | 22,549   | 6,090                                      | 87,224                           | 267,245             | 11.9                       |
| 85 and over          | 1.0000           | 20,064                                     | 20,064                           | 74,437                | 74,437                                   | 3.7                        | 85 and over             | 1.0000           | 16,459   | 16,459                                     | 170,021                          | 170,021             | 10.3                       |

twenty-fifth birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

**Column 3—Number living ( $l_x$ ).**—This column shows the number of persons who would survive to the exact age marking the beginning of each age interval out of a cohort of 100,000 live births, among whom the proportions dying in each age interval throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,660 will complete the first year of life and enter the second; 96,041

will begin the sixth year; 94,664 will reach age 20; and 11,432 will live to age 85.

**Column 4—Number dying ( $n d_x$ ).**—This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 white males born alive 3,340 die in the first year of life, 619 in the succeeding 4 years, 871 in the 5-year period between exact ages 20 and 25, and 11,432 die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

**Columns 5 and 6—Stationary population ( $T_x$  and  $T_x$ ).**—Suppose that a

TABLE CF.—LIFE TABLE VALUES FOR SELECTED SPECIFIC AGES BY RACE AND SEX AT 5-YEAR INTERVALS 1900-1941, 1945, 1947, AND 1948 FOR THE UNITED STATES DEATH-REGISTRATION STATES

| RACE, SEX, AND AGE     | NUMBER OF SURVIVORS OUT OF 100,000 BORN ALIVE ( $l_x$ ) |                |                |                   |                                |                                |                                |                                      | AVERAGE NUMBER OF YEARS OF LIFE REMAINING ( $e_x$ ) |                |                |                   |                                |                                |                                |                                      |
|------------------------|---|----------------|----------------|-------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------------|---|----------------|----------------|-------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------------|
|                        | 1948<br>(U.S.)  | 1947<br>(U.S.) | 1945<br>(U.S.) | 1939-41<br>(U.S.) | 1929-31 <sup>1</sup><br>(U.S.) | 1919-21<br>(D.R.S.<br>of 1920) | 1909-11<br>(D.R.S.<br>of 1900) | 1900-<br>1902<br>(D.R.S.<br>of 1900) | 1948<br>(U.S.)                                      | 1947<br>(U.S.) | 1945<br>(U.S.) | 1939-41<br>(U.S.) | 1929-31 <sup>1</sup><br>(U.S.) | 1919-21<br>(D.R.S.<br>of 1920) | 1909-11<br>(D.R.S.<br>of 1900) | 1900-<br>1902<br>(D.R.S.<br>of 1900) |
| <b>WHITE MALE</b>      |   |                |                |                   |                                |                                |                                |                                      |   |                |                |                   |                                |                                |                                |                                      |
| 0-----                 | 100,000   | 100,000        | 100,000        | 100,000           | 100,000                        | 100,000                        | 100,000                        | 100,000                              | 65.5  | 65.2           | 64.4           | 62.81             | 59.12                          | 56.34                          | 50.23                          | 48.23                                |
| 1-----                 | 96,560  | 96,550         | 96,020         | 95,188            | 93,768                         | 91,975                         | 87,674                         | 86,655                               | 66.8  | 66.5           | 66.1           | 64.99             | 62.04                          | 60.24                          | 56.26                          | 54.61                                |
| 5-----                 | 96,041  | 95,932         | 95,281         | 94,150            | 91,738                         | 88,842                         | 82,972                         | 80,864                               | 63.2  | 62.9           | 62.6           | 61.68             | 59.38                          | 58.31                          | 55.37                          | 54.43                                |
| 10-----                | 95,676  | 95,558         | 94,805         | 93,601            | 90,810                         | 87,530                         | 81,519                         | 79,109                               | 58.4  | 58.1           | 57.9           | 57.03             | 54.96                          | 54.15                          | 51.32                          | 50.59                                |
| 15-----                | 95,312  | 95,185         | 94,321         | 93,089            | 90,074                         | 86,546                         | 80,549                         | 78,037                               | 53.6  | 53.4           | 53.2           | 52.33             | 50.39                          | 49.74                          | 46.91                          | 46.25                                |
| 20-----                | 94,664  | 94,509         | 93,595         | 92,293            | 88,904                         | 84,997                         | 79,116                         | 76,376                               | 49.0  | 48.7           | 48.6           | 47.76             | 46.02                          | 45.60                          | 42.19                          | 42.19                                |
| 25-----                | 93,783  | 93,611         | 92,706         | 91,241            | 87,371                         | 83,061                         | 77,047                         | 73,907                               | 44.4  | 44.2           | 44.0           | 43.29             | 41.78                          | 41.60                          | 38.79                          | 38.52                                |
| 30-----                | 92,939  | 92,694         | 91,760         | 90,092            | 85,707                         | 80,888                         | 74,810                         | 71,219                               | 39.8  | 39.6           | 39.5           | 38.80             | 37.54                          | 37.65                          | 34.87                          | 34.88                                |
| 35-----                | 91,688  | 91,609         | 90,576         | 88,715            | 85,612                         | 78,441                         | 72,106                         | 68,245                               | 35.2  | 35.0           | 34.9           | 34.36             | 33.33                          | 33.74                          | 31.08                          | 31.29                                |
| 40-----                | 90,418  | 90,061         | 88,900         | 86,680            | 81,457                         | 75,733                         | 69,848                         | 64,954                               | 30.7  | 30.6           | 30.6           | 30.03             | 29.32                          | 29.86                          | 27.43                          | 27.74                                |
| 45-----                | 88,121  | 87,701         | 86,455         | 84,285            | 78,345                         | 72,696                         | 65,115                         | 61,369                               | 26.5  | 26.3           | 26.3           | 25.87             | 25.28                          | 26.00                          | 23.86                          | 24.21                                |
| 50-----                | 84,667  | 84,158         | 82,815         | 80,521            | 74,289                         | 69,107                         | 60,741                         | 57,274                               | 22.4  | 22.3           | 22.4           | 21.96             | 21.51                          | 22.22                          | 20.39                          | 20.76                                |
| 55-----                | 79,308  | 78,783         | 77,498         | 75,156            | 68,981                         | 64,574                         | 55,622                         | 52,491                               | 18.8  | 18.7           | 18.7           | 18.34             | 17.97                          | 18.59                          | 17.05                          | 17.42                                |
| 60-----                | 72,089  | 71,477         | 70,229         | 67,787            | 61,933                         | 58,498                         | 48,987                         | 46,452                               | 15.4  | 15.3           | 15.4           | 15.05             | 14.72                          | 15.25                          | 13.98                          | 14.35                                |
| 65-----                | 62,503  | 61,782         | 60,580         | 58,305            | 52,964                         | 50,663                         | 40,862                         | 39,245                               | 12.4  | 12.3           | 12.4           | 12.07             | 11.77                          | 12.21                          | 11.25                          | 11.51                                |
| 70-----                | 50,202  | 49,516         | 48,688         | 46,739            | 41,880                         | 40,873                         | 31,527                         | 30,640                               | 9.8   | 9.7            | 9.9            | 9.42              | 9.20                           | 9.51                           | 8.83                           | 9.03                                 |
| 75-----                | 36,497  | 35,981         | 35,508         | 33,404            | 29,471                         | 29,205                         | 21,585                         | 21,387                               | 7.5   | 7.4            | 7.6            | 7.17              | 7.02                           | 7.30                           | 6.75                           | 6.84                                 |
| <b>WHITE FEMALE</b>    |   |                |                |                   |                                |                                |                                |                                      |   |                |                |                   |                                |                                |                                |                                      |
| 0-----                 | 100,000   | 100,000        | 100,000        | 100,000           | 100,000                        | 100,000                        | 100,000                        | 100,000                              | 71.0  | 70.5           | 69.5           | 67.29             | 62.67                          | 58.53                          | 53.62                          | 51.08                                |
| 1-----                 | 97,430  | 97,350         | 96,900         | 96,211            | 95,037                         | 93,608                         | 89,774                         | 88,953                               | 71.9  | 71.5           | 70.8           | 68.93             | 64.93                          | 61.51                          | 58.69                          | 56.39                                |
| 5-----                 | 96,914  | 96,834         | 96,270         | 95,309            | 93,216                         | 90,721                         | 85,349                         | 83,426                               | 68.3  | 67.8           | 67.2           | 65.57             | 62.17                          | 59.43                          | 57.67                          | 56.03                                |
| 10-----                | 96,622  | 96,573         | 95,933         | 94,890            | 92,466                         | 89,564                         | 83,979                         | 81,723                               | 63.5  | 63.0           | 62.4           | 60.85             | 57.65                          | 55.17                          | 53.57                          | 52.15                                |
| 15-----                | 96,440  | 96,341         | 95,626         | 94,534            | 91,894                         | 88,712                         | 83,093                         | 80,680                               | 58.6  | 58.2           | 57.6           | 56.07             | 53.00                          | 50.67                          | 49.12                          | 47.79                                |
| 20-----                | 96,095  | 95,985         | 95,196         | 93,984            | 90,959                         | 87,281                         | 81,750                         | 78,978                               | 53.8  | 53.4           | 52.9           | 51.39             | 48.52                          | 46.46                          | 44.88                          | 43.77                                |
| 25-----                | 95,681  | 95,476         | 94,615         | 93,228            | 89,524                         | 85,163                         | 79,885                         | 76,588                               | 49.0  | 48.6           | 48.2           | 46.78             | 44.25                          | 42.55                          | 40.88                          | 40.05                                |
| 30-----                | 95,125  | 94,894         | 93,924         | 92,320            | 87,972                         | 82,740                         | 77,676                         | 73,887                               | 44.3  | 43.9           | 43.5           | 42.21             | 39.99                          | 38.72                          | 36.96                          | 36.42                                |
| 35-----                | 94,440  | 94,115         | 93,022         | 91,211            | 86,248                         | 80,206                         | 75,200                         | 70,971                               | 39.6  | 39.3           | 38.9           | 37.70             | 35.73                          | 34.86                          | 33.09                          | 32.82                                |
| 40-----                | 93,420  | 93,042         | 91,785         | 89,805            | 84,256                         | 77,624                         | 72,425                         | 67,935                               | 35.0  | 34.7           | 34.4           | 33.25             | 31.52                          | 30.94                          | 29.26                          | 29.17                                |
| 45-----                | 91,963  | 91,525         | 90,151         | 87,920            | 81,780                         | 74,871                         | 69,341                         | 64,677                               | 30.5  | 30.2           | 30.0           | 28.90             | 27.39                          | 26.98                          | 25.45                          | 25.51                                |
| 50-----                | 89,675  | 89,301         | 87,744         | 85,267            | 78,572                         | 71,547                         | 65,629                         | 61,005                               | 26.2  | 25.9           | 25.7           | 24.72             | 23.41                          | 23.12                          | 21.74                          | 21.89                                |
| 55-----                | 86,738  | 86,505         | 84,366         | 81,520            | 74,321                         | 67,323                         | 61,053                         | 56,509                               | 22.0  | 21.8           | 21.7           | 20.73             | 19.60                          | 19.40                          | 18.18                          | 18.43                                |
| 60-----                | 82,284  | 81,464         | 79,566         | 76,200            | 68,462                         | 61,704                         | 54,900                         | 50,752                               | 18.1  | 17.8           | 17.8           | 17.00             | 16.05                          | 15.93                          | 14.92                          | 15.23                                |
| 65-----                | 75,682  | 74,678         | 72,532         | 68,701            | 60,499                         | 54,299                         | 47,066                         | 43,806                               | 14.4  | 14.2           | 14.3           | 13.56             | 12.81                          | 12.75                          | 11.97                          | 12.23                                |
| 70-----                | 65,760  | 64,589         | 62,348         | 58,363            | 49,932                         | 44,638                         | 37,482                         | 35,206                               | 11.2  | 11.0           | 11.2           | 10.50             | 9.98                           | 9.94                           | 9.38                           | 9.59                                 |
| 75-----                | 52,424  | 51,142         | 49,318         | 44,685            | 37,024                         | 32,777                         | 26,569                         | 25,362                               | 8.3   | 8.3            | 8.4            | 7.92              | 7.56                           | 7.62                           | 7.20                           | 7.33                                 |
| <b>NONWHITE MALE</b>   |   |                |                |                   |                                |                                |                                |                                      |   |                |                |                   |                                |                                |                                |                                      |
| 0-----                 | 100,000   | 100,000        | 100,000        | 100,000           | 100,000                        | -----                          | -----                          | -----                                | 58.1  | 57.9           | 56.1           | 52.33             | 47.55                          | -----                          | -----                          | -----                                |
| 1-----                 | 94,790  | 94,550         | 93,670         | 91,696            | 81,268                         | -----                          | -----                          | -----                                | 60.2  | 60.3           | 58.8           | 56.05             | 51.08                          | -----                          | -----                          | -----                                |
| 5-----                 | 93,785  | 93,529         | 92,490         | 89,920            | 88,412                         | -----                          | -----                          | -----                                | 56.9  | 56.8           | 55.6           | 53.13             | 48.69                          | -----                          | -----                          | -----                                |
| 10-----                | 93,372  | 93,089         | 91,981         | 89,211            | 87,311                         | -----                          | -----                          | -----                                | 52.1  | 52.2           | 50.9           | 48.54             | 44.27                          | -----                          | -----                          | -----                                |
| 15-----                | 92,905  | 92,530         | 91,337         | 88,417            | 86,152                         | -----                          | -----                          | -----                                | 47.4  | 47.5           | 46.2           | 43.95             | 39.63                          | -----                          | -----                          | -----                                |
| 20-----                | 91,827  | 91,336         | 90,040         | 86,770            | 85,621                         | -----                          | -----                          | -----                                | 42.9  | 43.1           | 41.8           | 39.74             | 35.95                          | -----                          | -----                          | -----                                |
| 25-----                | 90,082  | 89,418         | 87,870         | 84,055            | 79,516                         | -----                          | -----                          | -----                                | 38.7  | 38.9           | 37.8           | 35.94             | 32.67                          | -----                          | -----                          | -----                                |
| 30-----                | 87,920  | 87,165         | 85,374         | 80,865            | 75,083                         | -----                          | -----                          | -----                                | 34.6  | 34.9           | 33.8           | 32.25             | 29.45                          | -----                          | -----                          | -----                                |
| 35-----                | 85,414  | 84,638         | 82,389         | 77,185            | 70,049                         | -----                          | -----                          | -----                                | 30.5  | 30.8           | 30.0           | 28.67             | 26.39                          | -----                          | -----                          | -----                                |
| 40-----                | 81,767  | 81,032         | 78,242         | 72,830            | 64,710                         | -----                          | -----                          | -----                                | 26.8  | 27.1           | 26.4           | 25.23             | 23.56                          | -----                          | -----                          | -----                                |
| 45-----                | 76,918  | 76,421         | 73,501         | 67,534            | 58,432                         | -----                          | -----                          | -----                                | 23.5  | 23.6           | 22.9           | 22.02             | 20.59                          | -----                          | -----                          | -----                                |
| 50-----                | 70,641  | 70,162         | 67,092         | 60,766            | 51,748                         | -----                          | -----                          | -----                                | 20.1  | 20.5           | 19.9           | 19.18             | 17.82                          | -----                          | -----                          | -----                                |
| 55-----                | 62,157  | 61,823         | 59,175         | 52,067            | 44,436                         | -----                          | -----                          | -----                                | 17.5  | 17.9           | 17.2           | 16.67             | 15.46                          | -----                          | -----                          | -----                                |
| 60-----                | 52,765  | 52,844         | 50,630         | 44,370            | 36,790                         | -----                          | -----                          | -----                                | 15.2  | 15.5           | 14.7           | 14.39             | 13.15                          | -----                          | -----                          | -----                                |
| 65-----                | 43,040  | 43,526         | 41,856         | 35,912            | 29,514                         | -----                          | -----                          | -----                                | 13.1  | 13.3           | 12.2           | 12.18             | 10.87                          | -----                          | -----                          | -----                                |
| 70-----                | 32,583  | 33,282         | 32,175         | 27,688            | 21,741                         | -----                          | -----                          | -----                                | 11.5  | 11.6           | 10.2           | 10.06             | 8.78                           | -----                          | -----                          | -----                                |
| 75-----                | 22,917  | 23,763         | 23,263         | 19,765            | 14,413                         | -----                          | -----                          | -----                                | 10.3  | 10.2           | 8.1            | 8.09              | 6.99                           | -----                          | -----                          | -----                                |
| <b>NONWHITE FEMALE</b> |   |                |                |                   |                                |                                |                                |                                      |   |                |                |                   |                                |                                |                                |                                      |
| 0-----                 | 100,000   | 100,000        | 100,000        | 100,000           | 100,000                        | -----                          | -----                          | -----                                | 62.5  | 61.9           | 59.6           | 55.51             | 49.51                          | -----                          | -----                          | -----                                |
| 1-----                 | 95,800  | 95,510         | 94,910         | 93,518            | 92,796                         | -----                          | -----                          | -----                                | 64.2  | 63.8           | 61.8           | 56.47             | 52.33                          | -----                          | -----                          | -----                                |
| 5-----                 | 94,880  | 94,603         | 93,856         | 91,710            | 90,185                         | -----                          | -----                          | -----                                | 60.8  | 60.4           | 58.5           | 55.47             | 49.81                          | -----                          | -----                          | -----                                |
| 10-----                | 94,510  | 94,234         | 93,577         | 91,092            | 89,201                         | -----                          | -----                          | -----                                | 56.1  | 55.6           | 53.8           | 50.83             | 45.33                          | -----                          | -----                          | -----                                |
| 15-----                | 94,085  | 93,763         | 92,807         | 90,363            | 88,088                         | -----                          | -----                          | -----                                | 51.3  | 50.9           | 49.1           | 46.22             | 40.87                          | -----                          | -----                          | -----                                |
| 20-----                | 93,116  | 92,713         | 91,573         | 89,505            | 85,078                         | -----                          | -----                          | -----                                | 46.8  | 46.4           | 44.7           | 42.14             | 37.22                          | -----                          | -----                          | -----                                |
| 25-----                | 91,606  | 90,951         | 89,595         | 85,961            | 81,067                         | -----                          | -----                          | -----                                | 42.5  | 42.3           | 40.6           | 38.31             | 33.93                          | -----                          | -----                          | -----                                |
| 30-----                | 89,849  | 89,959         | 87,616         | 83,147            | 76,816                         | -----                          | -----                          | -----                                | 38.3  | 38.1           | 36.5           | 34.52             | 30.67                          | -----                          | -----                          | -----                                |
| 35-----                | 87,782  | 86,771         | 84,978         | 79,879            | 72,192                         | -----                          | -----                          | -----                                | 34.2  | 34.0           | 32.6           | 30.83             |                                |                                |                                |                                      |

group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each age interval throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population--stationary because in such a population the number of persons living in any given age group would never change. When an individual left the group, either by death or by growing older and entering the next higher age group, his place would immediately be taken by someone entering from the next lower age group. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday which marks the beginning of the age interval indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the age interval 20-25 is 471,199. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 471,199 persons between exact ages 20 and 25.

Column 6 shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,635,744 persons who have passed their twentieth birthday. The population at all ages 0 and above (in other words, the total population of the stationary community) would be 6,549,427. *Column 7—Average remaining lifetime ( $\bar{e}_x$ ).*—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 471,199 for white males in the age interval 20-25 is the total number of years lived between the twentieth and twenty-fifth birthdays by the 94,664 (column 3) who reach the twentieth birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,635,744) is the total number of years lived after attaining age 20 by the 94,664 reaching that age. This number of years divided by the number of persons (4,635,744 divided by 94,664) gives 49.0 years as the average remaining lifetime of white males at age 20.

Care must be exercised in drawing conclusions from the figures in column 7. Thus, observing that the average lifetime of white persons is greater than that of nonwhites, one should not conclude that the oldest ages reached by white persons necessarily exceed those attained by the most long-lived nonwhites. The difference in the average length of life is due to the fact that a greater proportion of nonwhites die before reaching old age. For example, the number surviving to age 65 out of 100,000 born alive is far greater among whites than among nonwhites; yet the average length of life remaining at age 65 is about the same for both groups.

## MARRIAGE STATISTICS

There were 1,811,155 marriages in the United States in 1948, representing a crude marriage rate of 12.4 per 1,000 estimated midyear population excluding the armed forces overseas. This total was 9.1 percent below the figure for 1947 of 1,991,878 marriages. The corresponding decrease in the crude marriage rate was 10.8 percent.

It should be noted that marriage totals for the United States for 1947 and for 1948 include marriage license data for 19 States.<sup>36</sup> For these States, figures on marriages were not available and the number of marriage licenses represented the nearest approximation to the number of marriages.<sup>37</sup>

### Marriages by State in 1948

Table CG shows the number of marriages and crude marriage rates by geographic division and by State for 1947 and for 1948. The data are tabulated by place of occurrence, since statistics on residence of brides and grooms are not available. The population base used in computing the crude marriage rates is the total estimated midyear population present in a given area for each year.<sup>38</sup> These crude rates are useful in tracing general trends and in comparing marriage rates with other crude vital statistics rates. Specific or adjusted marriage rates are not presently feasible, primarily owing to lack of detailed statistics on marriages for the Nation as a whole.<sup>39</sup>

There was a wide range in rates by geographic division for 1948, as well as for 1947. The crude marriage rate for 1948 in the Mountain Division (28.6) was three times that in the contiguous Pacific Division (9.4). In the remaining areas, rates were somewhat higher in the Southern than in the Northern Divisions, although the differential for these areas was not excessive.

As might be expected, the range of variation was considerably broader by State than by geographic division. In Nevada a marriage license rate of 319.3 was recorded for 1948, while in Tennessee the marriage rate was 4.8 in the same year. This striking contrast represents the extreme limits of the whole compass of marriage rates by State. Differences for some of the remaining States were less dramatic but nevertheless substantial. The second highest rate for 1948, 35.3 marriage licenses per 1,000 population in Arizona, was about five times the second lowest rate, 7.2 marriages per 1,000 population in Alabama. For 1948, there were 9 States with rates exceeding 20.0 per 1,000 population and 13 States with rates below 10.0 per 1,000 population.

It is probable that allocation of marriages to the resident State of the bride and groom would tend to minimize the great divergence in marriage rates by State. Such data, however, presuppose the complete registration and tabulation of marriages in a central office in each State. Up to this time, one-fourth of the States do not require that marriages be reported to a State office and several States maintaining central files

<sup>36</sup>See National Office of Vital Statistics, "Quarterly Marriage Report" and "Monthly Vital Statistics Bulletin," for data on number of marriage licenses by State; and "Monthly Marriage Report" for marriage licenses by major city areas.

<sup>37</sup>For a discussion of source of data, see p. V. For a comparison of marriages with marriage licenses, see "Provisional Marriage and Divorce Statistics, United States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 31, No. 16, 1949.

<sup>38</sup>For a discussion of "Population bases," see p. X.

<sup>39</sup>For available detailed statistics for a group of States, see "Marriage Statistics, Specified States, 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 35, No. 9, 1950.

on marriages do not code or tabulate for State of residence. The problem is further complicated by the additional factor that two States of residence may be represented in one marriage—one for the bride and another for the groom.

Although decreases in crude marriage rates for 1948 from comparable rates for 1947 were experienced throughout the United States (only 1 State recorded a slightly higher rate in 1948), decreases in 4 States were substantially in excess of

those prevailing generally. Each of the 4 States (Alabama, Delaware, Kansas, Montana) had passed a new or amendatory premarital law in the latter part of 1947 or in 1948. Furthermore, it was noted that most of the States with comparatively small decreases in marriages in 1948 were situated in the immediate vicinity of the 4 States with the newly enacted premarital legislation.

The evidence, though far from complete, seems to indicate

TABLE CO.—MARRIAGES AND DIVORCES, AND CRUDE RATES: UNITED STATES, EACH DIVISION AND STATE, 1947 AND 1948  
(By place of occurrence. Rates per 1,000 estimated total midyear population present in area)

| AREA                         | MARRIAGES            |                      |                   |                   | DIVORCES <sup>1</sup> |                      |                   |                   |
|------------------------------|----------------------|----------------------|-------------------|-------------------|-----------------------|----------------------|-------------------|-------------------|
|                              | Number               |                      | Rate              |                   | Number                |                      | Rate              |                   |
|                              | 1946                 | 1947                 | 1946              | 1947              | 1946                  | 1947                 | 1946              | 1947              |
| UNITED STATES                | 1,811,155            | 1,991,676            | 12.4              | 13.9              | <sup>2</sup> 408,000  | <sup>2</sup> 463,000 | <sup>2</sup> 2.8  | <sup>2</sup> 3.4  |
| <b>GEOGRAPHIC DIVISIONS:</b> |                      |                      |                   |                   |                       |                      |                   |                   |
| New England                  | 98,676               | 108,194              | 10.8              | 11.8              | 15,357                | 20,010               | 1.7               | 2.2               |
| Middle Atlantic              | 306,304              | 329,551              | 10.4              | 11.2              | -----                 | -----                | -----             | -----             |
| East North Central           | 335,149              | 367,653              | 11.2              | 12.6              | -----                 | -----                | -----             | -----             |
| West North Central           | 152,243              | 175,643              | 11.0              | 12.8              | 32,661                | 41,929               | 2.4               | 3.1               |
| South Atlantic               | 290,595              | 310,202              | 14.8              | 16.1              | -----                 | -----                | -----             | -----             |
| East South Central           | 154,119              | 180,604              | 13.9              | 17.5              | -----                 | -----                | -----             | -----             |
| West South Central           | 206,024              | 221,542              | 14.5              | 16.0              | -----                 | -----                | -----             | -----             |
| Mountain                     | 134,233              | 143,280              | 28.6              | 32.6              | -----                 | -----                | -----             | -----             |
| Pacific                      | 135,622              | 146,999              | 9.4               | 10.7              | 56,852                | 68,863               | 3.9               | 5.0               |
| <b>NEW ENGLAND:</b>          |                      |                      |                   |                   |                       |                      |                   |                   |
| Maine                        | 10,293               | 11,152               | 11.5              | 12.6              | 2,260                 | 2,929                | 2.5               | 3.3               |
| New Hampshire                | 6,427                | 9,266                | 16.1              | 17.4              | 1,260                 | 1,437                | 2.4               | 2.7               |
| Vermont                      | 3,689                | 4,340                | 10.7              | 11.9              | 520                   | 749                  | 1.4               | 2.0               |
| Massachusetts                | 45,940               | 49,603               | 9.9               | 10.7              | 7,653                 | 10,084               | 1.7               | 2.2               |
| Rhode Island                 | 6,716                | 9,337                | 11.7              | 12.5              | 817                   | 1,540                | 1.1               | 2.1               |
| Connecticut                  | 21,611               | 24,294               | 10.9              | 12.3              | 2,847                 | 3,271                | 1.4               | 1.7               |
| <b>MIDDLE ATLANTIC:</b>      |                      |                      |                   |                   |                       |                      |                   |                   |
| New York                     | 156,024              | 165,431              | 11.0              | 11.7              | -----                 | -----                | -----             | -----             |
| New Jersey                   | 51,913               | 55,602               | 10.9              | 12.1              | 6,931                 | 9,074                | 1.5               | 2.0               |
| Pennsylvania                 | 99,367               | 108,316              | 9.4               | 10.3              | 13,857                | 16,285               | 1.3               | 1.5               |
| <b>EAST NORTH CENTRAL:</b>   |                      |                      |                   |                   |                       |                      |                   |                   |
| Ohio                         | <sup>3</sup> 83,146  | 93,779               | <sup>3</sup> 10.6 | 12.2              | <sup>2</sup> 25,800   | 29,263               | <sup>2</sup> 3.3  | 3.8               |
| Indiana                      | <sup>3</sup> 54,397  | <sup>3</sup> 56,537  | <sup>3</sup> 13.9 | <sup>3</sup> 15.3 | -----                 | -----                | -----             | -----             |
| Illinois                     | <sup>3</sup> 101,051 | <sup>3</sup> 106,461 | <sup>3</sup> 12.1 | <sup>3</sup> 12.9 | -----                 | -----                | -----             | -----             |
| Michigan                     | 61,986               | 71,319               | 10.0              | 11.8              | 16,017                | 21,366               | 2.6               | 3.5               |
| Wisconsin                    | 32,579               | 35,557               | 9.9               | 11.0              | 5,075                 | 6,075                | 1.5               | 1.9               |
| <b>WEST NORTH CENTRAL:</b>   |                      |                      |                   |                   |                       |                      |                   |                   |
| Minnesota                    | <sup>3</sup> 33,085  | <sup>3</sup> 35,991  | <sup>3</sup> 11.3 | <sup>3</sup> 12.5 | 4,678                 | 5,705                | 1.6               | 2.0               |
| Iowa                         | 28,585               | 30,002               | 10.9              | 11.6              | 5,609                 | 6,743                | 2.1               | 2.6               |
| Missouri                     | <sup>3</sup> 42,534  | <sup>3</sup> 43,613  | <sup>3</sup> 10.9 | <sup>3</sup> 11.2 | <sup>2</sup> 12,200   | <sup>2</sup> 17,300  | <sup>2</sup> 3.1  | <sup>2</sup> 4.4  |
| North Dakota                 | 5,468                | 5,559                | 9.4               | 10.3              | 682                   | 835                  | 1.2               | 1.5               |
| South Dakota                 | 7,330                | 7,905                | 12.0              | 13.7              | 1,030                 | 1,240                | 1.7               | 2.1               |
| Nebraska                     | 14,938               | 14,726               | 11.6              | 11.5              | 2,752                 | 3,306                | 2.1               | 2.6               |
| Kansas                       | 20,283               | 37,847               | 10.7              | 19.7              | <sup>2</sup> 5,700    | <sup>2</sup> 6,800   | <sup>2</sup> 3.0  | <sup>2</sup> 3.5  |
| <b>SOUTH ATLANTIC:</b>       |                      |                      |                   |                   |                       |                      |                   |                   |
| Delaware                     | 2,662                | 5,161                | 8.9               | 17.7              | 415                   | 830                  | 1.4               | 2.9               |
| Maryland                     | <sup>3</sup> 56,177  | <sup>3</sup> 60,191  | <sup>3</sup> 26.1 | <sup>3</sup> 28.1 | 5,999                 | 6,658                | 2.8               | 3.1               |
| District of Columbia         | <sup>3</sup> 11,591  | <sup>3</sup> 12,775  | <sup>3</sup> 13.4 | <sup>3</sup> 14.8 | 1,955                 | 2,080                | 2.3               | 2.4               |
| Virginia                     | 37,423               | 40,350               | 12.3              | 13.5              | 7,081                 | 7,018                | 2.3               | 2.3               |
| West Virginia                | <sup>3</sup> 16,495  | <sup>3</sup> 18,655  | <sup>3</sup> 8.6  | <sup>3</sup> 9.9  | -----                 | -----                | -----             | -----             |
| North Carolina               | <sup>3</sup> 29,773  | <sup>3</sup> 32,049  | <sup>3</sup> 7.8  | <sup>3</sup> 8.7  | -----                 | <sup>2</sup> 7,000   | -----             | <sup>2</sup> 1.9  |
| South Carolina               | <sup>3</sup> 46,748  | <sup>3</sup> 48,357  | <sup>3</sup> 23.6 | <sup>3</sup> 24.8 | ( <sup>4</sup> )      | ( <sup>4</sup> )     | ( <sup>4</sup> )  | ( <sup>4</sup> )  |
| Georgia                      | <sup>3</sup> 68,206  | <sup>3</sup> 68,715  | <sup>3</sup> 21.5 | <sup>3</sup> 21.9 | -----                 | -----                | -----             | -----             |
| Florida                      | 21,510               | 23,959               | 6.9               | 10.3              | 18,015                | 20,919               | 7.4               | 9.0               |
| <b>EAST SOUTH CENTRAL:</b>   |                      |                      |                   |                   |                       |                      |                   |                   |
| Kentucky                     | <sup>3</sup> 64,232  | <sup>3</sup> 71,563  | <sup>3</sup> 22.5 | <sup>3</sup> 25.7 | -----                 | -----                | -----             | -----             |
| Tennessee                    | 15,316               | 17,232               | 4.8               | 5.6               | 8,292                 | 9,467                | 2.6               | 3.1               |
| Alabama                      | 20,926               | 46,425               | 7.2               | 16.4              | 9,699                 | 10,753               | 3.3               | 3.8               |
| Mississippi                  | 53,645               | 53,584               | 25.4              | 25.6              | 6,697                 | 7,004                | 3.2               | 3.3               |
| <b>WEST SOUTH CENTRAL:</b>   |                      |                      |                   |                   |                       |                      |                   |                   |
| Arkansas                     | <sup>3</sup> 43,490  | 43,652               | <sup>3</sup> 22.5 | 22.8              | 8,905                 | 9,578                | 4.6               | 5.0               |
| Louisiana                    | <sup>3</sup> 29,000  | <sup>3</sup> 32,909  | <sup>3</sup> 11.2 | <sup>3</sup> 12.9 | -----                 | -----                | -----             | -----             |
| Oklahoma                     | <sup>3</sup> 20,636  | <sup>3</sup> 21,133  | <sup>3</sup> 9.0  | <sup>3</sup> 9.3  | -----                 | -----                | -----             | -----             |
| Texas                        | <sup>3</sup> 112,898 | <sup>3</sup> 123,796 | <sup>3</sup> 15.3 | <sup>3</sup> 17.4 | 39,587                | 43,584               | 5.4               | 6.1               |
| <b>MOUNTAIN:</b>             |                      |                      |                   |                   |                       |                      |                   |                   |
| Montana                      | 7,131                | 9,769                | 14.0              | 20.0              | 2,090                 | 2,439                | 4.1               | 5.0               |
| Idaho                        | 8,334                | 8,029                | 14.3              | 13.3              | 3,190                 | <sup>2</sup> 5,400   | 5.4               | <sup>2</sup> 6.5  |
| Wyoming                      | 3,736                | 3,696                | 13.1              | 13.9              | 1,246                 | 1,468                | 4.4               | 5.5               |
| Colorado                     | <sup>3</sup> 14,009  | <sup>3</sup> 15,198  | <sup>3</sup> 11.7 | <sup>3</sup> 13.3 | -----                 | -----                | -----             | -----             |
| New Mexico                   | 16,492               | <sup>2</sup> 15,986  | 28.9              | <sup>2</sup> 29.2 | 2,631                 | 3,160                | 4.6               | 5.8               |
| Arizona                      | <sup>3</sup> 24,824  | <sup>3</sup> 25,101  | <sup>3</sup> 35.3 | <sup>3</sup> 39.0 | -----                 | <sup>2</sup> 2,400   | -----             | <sup>2</sup> 3.7  |
| Utah                         | 7,327                | <sup>3</sup> 7,985   | 10.9              | <sup>3</sup> 12.4 | 2,199                 | 2,927                | 3.3               | 4.6               |
| Nevada                       | <sup>3</sup> 52,360  | <sup>3</sup> 57,556  | <sup>3</sup> 19.3 | <sup>3</sup> 24.1 | <sup>2</sup> 11,000   | <sup>2</sup> 13,800  | <sup>2</sup> 67.1 | <sup>2</sup> 99.3 |
| <b>PACIFIC:</b>              |                      |                      |                   |                   |                       |                      |                   |                   |
| Washington                   | <sup>3</sup> 35,007  | <sup>3</sup> 39,639  | <sup>3</sup> 14.2 | <sup>3</sup> 16.8 | 8,105                 | <sup>2</sup> 11,000  | 3.3               | <sup>2</sup> 4.7  |
| Oregon                       | 12,373               | 12,881               | 7.5               | 8.3               | 6,405                 | 6,707                | 3.9               | 4.3               |
| California                   | 88,242               | 94,459               | 8.5               | 9.6               | 42,342                | 51,156               | 4.1               | 5.2               |

<sup>1</sup>Includes reported annulments.  
<sup>2</sup>Estimated.  
<sup>3</sup>Marriage licenses.  
<sup>4</sup>No divorces granted. Data on annulments not available.

that these diverging trends are attributable to the new legislation, which may have induced some couples to avoid its restrictions by traveling to other States for the purpose of contracting marriage. However, interpretation and analysis of this phenomenon would be greatly facilitated if tabulations of marriage data were available by State of residence.

An additional consideration in comparing crude marriage rates by State for 1948 with those for 1947 is the effect of changes in the size and composition of the population of each State for these years.

**Trend in marriage rates**

Table CH presents the number of marriages and the crude marriage rate for the United States for each year from 1867 through 1948.<sup>40</sup>

Over the 82-year period covered by these data, the crude marriage rate has been characterized by a period of relative stability up to the turn of the century and by subsequent periods of irregular fluctuations.

From 1900 through 1920, there was a well defined though gradual rise punctuated by fairly sizable though intermittent

<sup>40</sup>For history of surveys covering these years, see pp. VI-VII.

decreases scattered over the 21-year period. In this period the marriage rate rose from 9.3 in 1900 to 12.0 in 1920.

From 1920 to 1932 there was an almost uninterrupted decline terminating in an all-time low rate of 7.9 marriages per 1,000 population in 1932. From 1932 to 1946 there was an alternating but predominantly upward movement in marriage rates culminating in an all-time high rate of 16.4 for 1946. In the 2 years 1947 and 1948, the marriage rate has dropped 25 percent.

**DIVORCE STATISTICS**

An estimated total of 408,000 divorces in the United States in 1948 was 15.5 percent below the estimate for 1947. The crude divorce rate for 1948 was estimated at 2.8 per 1,000 estimated midyear population excluding the armed forces overseas, representing a decrease of 17.6 percent from the comparable figure for the previous year.

The total number of divorces in the United States was estimated from partial or complete figures reported by a varying number of States in each year, 1947 and 1948.<sup>41</sup>

<sup>41</sup>For a discussion of source of data, see p. V.

TABLE CH.—ESTIMATED MARRIAGES AND DIVORCES, AND CRUDE RATES: UNITED STATES, 1867-1948

(Rates per 1,000 estimated midyear population)

| YEAR      | Population <sup>1</sup> | Marriages <sup>2</sup> | Marriage rate | Population <sup>3</sup> | Divorces <sup>4</sup> | Divorce rate | YEAR      | Population <sup>1</sup> | Marriages <sup>2</sup> | Marriage rate | Population <sup>3</sup> | Divorces <sup>4</sup> | Divorce rate |
|-----------|-------------------------|------------------------|---------------|-------------------------|-----------------------|--------------|-----------|-------------------------|------------------------|---------------|-------------------------|-----------------------|--------------|
| 1948----- | 146,113,000             | 1,811,155              | 12.4          | 146,113,000             | 408,000               | 2.8          | 1907----- | 87,000,271              | 936,936                | 10.8          | 87,000,271              | 76,571                | 0.9          |
| 1947----- | 143,405,000             | 1,931,878              | 13.5          | 143,405,000             | 485,000               | 3.4          | 1906----- | 85,436,556              | 895,000                | 10.5          | 85,436,556              | 72,062                | 0.8          |
| 1946----- | 139,899,000             | 2,281,045              | 16.4          | 141,235,000             | 610,000               | 4.3          | 1905----- | 83,819,666              | 842,000                | 10.0          | 83,819,666              | 67,976                | 0.8          |
| 1945----- | 132,018,525             | 1,612,992              | 12.2          | 139,585,518             | 485,000               | 3.5          | 1904----- | 82,164,974              | 815,000                | 9.9           | 82,164,974              | 66,189                | 0.8          |
| 1944----- | 132,552,005             | 1,452,394              | 11.0          | 138,083,449             | 400,000               | 2.9          | 1903----- | 80,632,152              | 818,000                | 10.1          | 80,632,152              | 64,925                | 0.8          |
| 1943----- | 133,966,319             | 1,577,050              | 11.8          | 136,497,049             | 359,600               | 2.6          | 1902----- | 79,160,196              | 776,000                | 9.8           | 79,160,196              | 61,480                | 0.8          |
| 1942----- | 133,770,500             | 1,772,132              | 13.2          | 134,664,924             | 321,000               | 2.4          | 1901----- | 77,585,128              | 742,000                | 9.6           | 77,585,128              | 60,984                | 0.8          |
| 1941----- | 133,060,045             | 1,696,999              | 12.7          | 133,202,875             | 295,000               | 2.2          | 1900----- | 76,094,134              | 709,000                | 9.3           | 76,094,134              | 55,751                | 0.7          |
| 1940----- | 131,854,144             | 1,595,879              | 12.1          | 131,970,224             | 264,000               | 2.0          | 1899----- | 74,798,612              | 675,000                | 9.0           | 74,798,612              | 51,437                | 0.7          |
| 1939----- | 130,879,718             | 1,405,633              | 10.7          | 130,879,718             | 251,000               | 1.9          | 1898----- | 73,493,926              | 647,000                | 8.8           | 73,493,926              | 47,849                | 0.7          |
| 1938----- | 129,824,939             | 1,330,780              | 10.3          | 129,824,939             | 244,000               | 1.9          | 1897----- | 72,189,240              | 643,000                | 8.9           | 72,189,240              | 44,699                | 0.6          |
| 1937----- | 128,624,829             | 1,451,296              | 11.3          | 128,624,829             | 249,000               | 1.9          | 1896----- | 70,864,554              | 635,000                | 9.0           | 70,864,554              | 42,937                | 0.6          |
| 1936----- | 129,053,180             | 1,369,000              | 10.7          | 129,053,180             | 235,000               | 1.8          | 1895----- | 69,579,668              | 620,000                | 8.9           | 69,579,668              | 40,387                | 0.6          |
| 1935----- | 127,250,232             | 1,327,000              | 10.4          | 127,250,232             | 218,000               | 1.7          | 1894----- | 68,275,182              | 588,000                | 8.6           | 68,275,182              | 37,568                | 0.6          |
| 1934----- | 126,373,773             | 1,302,000              | 10.3          | 126,373,773             | 204,000               | 1.6          | 1893----- | 66,970,496              | 601,000                | 9.0           | 66,970,496              | 37,468                | 0.6          |
| 1933----- | 125,578,763             | 1,098,000              | 8.7           | 125,578,763             | 185,000               | 1.3          | 1892----- | 65,665,810              | 601,000                | 9.2           | 65,665,810              | 36,579                | 0.6          |
| 1932----- | 124,840,471             | 981,905                | 7.9           | 124,840,471             | 164,241               | 1.3          | 1891----- | 64,361,124              | 592,000                | 9.2           | 64,361,124              | 35,540                | 0.6          |
| 1931----- | 124,039,648             | 1,060,814              | 8.6           | 124,039,648             | 188,003               | 1.5          | 1890----- | 63,056,438              | 570,000                | 9.0           | 63,056,438              | 33,461                | 0.5          |
| 1930----- | 123,076,741             | 1,126,856              | 9.2           | 123,076,741             | 195,961               | 1.6          | 1889----- | 61,775,121              | 563,000                | 9.1           | 61,775,121              | 31,735                | 0.5          |
| 1929----- | 121,769,939             | 1,232,533              | 10.1          | 121,769,939             | 205,878               | 1.7          | 1888----- | 60,495,927              | 535,000                | 8.8           | 60,495,927              | 28,669                | 0.5          |
| 1928----- | 120,501,115             | 1,182,497              | 9.8           | 120,501,115             | 200,176               | 1.7          | 1887----- | 59,216,733              | 513,000                | 8.7           | 59,216,733              | 27,919                | 0.5          |
| 1927----- | 119,038,062             | 1,221,053              | 10.1          | 119,038,062             | 196,292               | 1.6          | 1886----- | 57,937,540              | 534,000                | 9.2           | 57,937,540              | 25,535                | 0.4          |
| 1926----- | 117,399,225             | 1,202,574              | 10.2          | 117,399,225             | 194,678               | 1.6          | 1885----- | 56,658,347              | 507,000                | 8.9           | 56,658,347              | 25,472                | 0.4          |
| 1925----- | 115,831,963             | 1,288,334              | 10.3          | 115,831,963             | 175,449               | 1.5          | 1884----- | 55,379,154              | 485,000                | 8.8           | 55,379,154              | 22,894                | 0.4          |
| 1924----- | 114,113,463             | 1,184,574              | 10.4          | 114,113,463             | 170,952               | 1.5          | 1883----- | 54,099,961              | 501,000                | 9.3           | 54,099,961              | 23,198                | 0.4          |
| 1923----- | 111,949,945             | 1,229,784              | 11.0          | 111,949,945             | 165,096               | 1.5          | 1882----- | 52,820,768              | 484,000                | 9.2           | 52,820,768              | 22,112                | 0.4          |
| 1922----- | 110,054,778             | 1,134,151              | 10.3          | 110,054,778             | 148,815               | 1.4          | 1881----- | 51,541,575              | 464,000                | 9.0           | 51,541,575              | 20,762                | 0.4          |
| 1921----- | 108,541,489             | 1,163,883              | 10.7          | 108,541,489             | 159,580               | 1.5          | 1880----- | 50,262,382              | 453,000                | 9.0           | 50,262,382              | 19,663                | 0.4          |
| 1920----- | 106,466,430             | 1,274,476              | 12.0          | 106,466,420             | 170,505               | 1.6          | 1879----- | 49,008,194              | 438,000                | 8.9           | 49,008,194              | 17,088                | 0.3          |
| 1919----- | 104,512,110             | 1,150,186              | 11.0          | 105,062,747             | 141,527               | 1.3          | 1878----- | 48,174,461              | 423,000                | 8.8           | 48,174,461              | 16,089                | 0.3          |
| 1918----- | 103,202,601             | 1,000,109              | 9.7           | 104,549,886             | 116,254               | 1.1          | 1877----- | 47,140,727              | 411,000                | 8.7           | 47,140,727              | 15,687                | 0.3          |
| 1917----- | 103,265,813             | 1,144,200              | 11.1          | 103,413,743             | 121,564               | 1.2          | 1876----- | 46,106,994              | 405,000                | 8.8           | 46,106,994              | 14,800                | 0.3          |
| 1916----- | 101,965,984             | 1,075,775              | 10.6          | 101,965,984             | 114,000               | 1.1          | 1875----- | 45,073,260              | 409,000                | 9.1           | 45,073,260              | 14,212                | 0.3          |
| 1915----- | 100,549,013             | 1,007,585              | 10.0          | 100,549,013             | 104,289               | 1.0          | 1874----- | 44,039,527              | 385,000                | 8.7           | 44,039,527              | 13,989                | 0.3          |
| 1914----- | 99,117,567              | 1,025,032              | 10.3          | 99,117,567              | 100,584               | 1.0          | 1873----- | 43,005,794              | 396,000                | 9.0           | 43,005,794              | 13,156                | 0.3          |
| 1913----- | 97,226,614              | 1,021,338              | 10.5          | 97,226,614              | 81,307                | 0.9          | 1872----- | 41,972,060              | 378,000                | 9.0           | 41,972,060              | 12,380                | 0.3          |
| 1912----- | 95,331,300              | 1,004,602              | 10.5          | 95,331,300              | 94,318                | 1.0          | 1871----- | 40,938,327              | 359,000                | 8.8           | 40,938,327              | 11,586                | 0.3          |
| 1911----- | 93,867,814              | 955,287                | 10.2          | 93,867,814              | 89,219                | 1.0          | 1870----- | 39,904,593              | 352,000                | 8.8           | 39,904,593              | 10,962                | 0.3          |
| 1910----- | 92,406,536              | 948,166                | 10.3          | 92,406,536              | 83,045                | 0.9          | 1869----- | 39,050,729              | 348,000                | 8.9           | 39,050,729              | 10,939                | 0.3          |
| 1909----- | 90,431,525              | 897,354                | 9.9           | 90,431,525              | 79,671                | 0.9          | 1868----- | 38,213,216              | 345,000                | 9.0           | 38,213,216              | 10,150                | 0.3          |
| 1908----- | 88,708,976              | 867,461                | 9.7           | 88,708,976              | 76,852                | 0.9          | 1867----- | 37,375,703              | 357,000                | 9.6           | 37,375,703              | 9,937                 | 0.3          |

<sup>1</sup>For 1917-19 and 1940-48, excludes armed forces overseas.

<sup>2</sup>For source of data, see table C.

<sup>3</sup>For 1917-19 and 1940-46, includes armed forces overseas; for 1947 and 1948, excludes armed forces overseas.

<sup>4</sup>Includes reported annulments. For source of data, see table C.

## Divorces by State in 1948

Table CG shows the number of divorces and crude divorce rates for 3 geographic divisions and for 39 States in 1947 and 37 States in 1948. Annulments are included in the individual State totals if reported. The population base used in computing the crude divorce rates is the total estimated midyear population present in a given area for each year.<sup>42</sup> These crude rates are useful in tracing general trends and in comparing divorce rates with other crude vital statistics rates. Specific or adjusted divorce rates are not presently feasible, primarily owing to lack of detailed statistics on divorces.

The data are presented by place of occurrence since information on usual residence of parties to a divorce is not obtainable. In the strictly legal sense, a divorce may be granted only in the State where one or both parties to a divorce have a legally recognized domicile. However, residence requirements for divorce purposes differ widely among the States, and an examination of the data reveals that divorce rates tend to be higher in States in which the laws provide for a residence period of short duration.

Crude divorce rates by State decreased generally in 1948 compared with 1947 figures, except in 1 State (Virginia) where no change in rates occurred. The number of divorces in the same years also decreased, except in Virginia where a slight rise was noted. However, there were several instances of marked differences in percentage declines of rates by State compared with percentage changes in frequencies by State. In 2 States (Idaho and Nevada) percentage changes in rates for 1948 from 1947 were more than one and a half times the percentage changes in numbers of divorces for the same years. In both States there were unusually large increases in the State populations for 1948. As pointed out by the Bureau of the Census, "a small portion of the difference...."<sup>43</sup> in population estimates for 1948 compared with 1947 may be attributed to the Bureau's change in its estimating procedures. Hence, considerable care should be taken in interpreting changes in divorce rates by State for 1948 compared with those for 1947.

<sup>42</sup>For a discussion of "Population bases," see p. X.

<sup>43</sup>Bureau of the Census, "Current Population Reports—Population Estimates," Series P-25, No. 26, 1949.

## Trend in divorce rates

The number of divorces and crude divorce rates per 1,000 estimated midyear population excluding the armed forces overseas for the United States for each year from 1867 through 1948 are presented in table CH.<sup>44</sup>

There was a steady and almost uninterrupted rise in divorce rates over the 82-year period covered. Except in 9 fairly scattered years, the divorce rate for each year either equaled or exceeded the rate for the previous year. Until 1913, any changes in the divorce rate were small and consistently upward, raising the rate from 0.3 divorces per 1,000 population in 1867 to 1.0 in 1911 and 1912. The year 1913 was the first in which the divorce rate failed to at least equal the rate for the preceding year. Decreases in subsequent years were short-lived, and by 1944 the divorce rate had climbed in a series of upward movements, none of which exceeded 0.3, to a total of 2.9 divorces per 1,000 population. Changes in both directions starting with 1945 were more abrupt than in previous years. In 1946, the divorce rate reached a peak of 4.3 and in 1948 receded one-third from the peak rate to a rate of 2.8 divorces per 1,000 population.

## Marriage-divorce ratio

The number of marriages occurring in a single year divided by the number of divorces in the same year, or the marriage-divorce ratio, is frequently assumed to represent the proportion of marriages ending in divorce in a single year. Although this assumption is fallacious, changes in the marriage-divorce ratio over the 82-year period covered do indicate that in previous years there was a much larger relative increase in divorces than in marriages.

Thus, it may be computed from the data in table CH that the marriage-divorce ratio in 1867 was 36 marriages to 1 divorce. In 1900, the ratio was 13 to 1; in 1945, it was 3 to 1; and in each year 1946 through 1948, 4 to 1.

<sup>44</sup>For history of surveys covering these years, see pp. VI-VII.

STANDARD CERTIFICATES OF LIVE BIRTH, DEATH, AND STILLBIRTH

The standard certificates of live birth, death, and stillbirth in effect in 1948 were officially recommended in January 1939. While the official certificates adopted by the various States do not follow the standard certificates in every detail, they do correspond in most cases very closely with both the form and

content of the standard certificates.

The standard certificates are reproduced here in the belief that many users of vital statistics data will wish to study the documents which are the basic sources of national vital statistics tabulations.

|  |  |   |  |   |
|--|--|---|--|---|
| FEDERAL SECURITY AGENCY<br>PUBLIC HEALTH SERVICE   |  | <b>STANDARD CERTIFICATE OF LIVE BIRTH</b>   |  | State File No. _____<br>Registrar's No. _____ |
| State of _____   |  |   |  |   |
| <b>1. PLACE OF BIRTH:</b><br>(a) County _____<br>(b) City or town _____<br><small>(If outside city or town limits, write RURAL)</small><br>(c) Name of hospital or institution: _____<br><small>(If not in hospital or institution, give street number or location)</small><br>(d) Mother's stay before delivery: _____<br>In hospital or institution _____ In this community _____<br><small>(Specify whether years, months, or days)</small> |  | <b>2. USUAL RESIDENCE OF MOTHER:</b><br>(a) State _____<br>(b) County _____<br>(c) City or town _____<br><small>(If outside city or town limits, write RURAL)</small><br>(d) Street No. _____<br><small>(If rural, give location)</small>   |  |   |
| <b>3. Full name of child</b> _____<br><b>5. Sex:</b> _____   |  | <b>6. Twin or triplet:</b> _____<br>If so—born 1st, 2d, or 3d _____   | <b>4. Date of birth</b> _____<br><small>(Month) (Day) (Year)</small><br><b>7. Number months of pregnancy</b> _____<br><b>8. Is mother married?</b> _____ |   |
| <b>FATHER OF CHILD</b>   |  | <b>MOTHER OF CHILD</b>  |  |   |
| <b>9. Full name</b> _____<br><b>10. Color or race</b> _____ <b>11. Age at time of this birth</b> _____ yrs.<br><b>12. Birthplace</b> _____<br><small>(City, town, or county) (State or foreign country)</small><br><b>13. Usual occupation</b> _____<br><b>14. Industry or business</b> _____  |  | <b>15. Full maiden name</b> _____<br><b>16. Color or race</b> _____ <b>17. Age at time of this birth</b> _____ yrs.<br><b>18. Birthplace</b> _____<br><small>(City, town, or county) (State or foreign country)</small><br><b>19. Usual occupation</b> _____<br><b>20. Industry or business</b> _____<br><b>22. Mother's mailing address for registration notice:</b> _____ |  |   |
| <b>21. Children born to this mother:</b><br>(a) How many other children of this mother are now living? _____<br>(b) How many other children were born alive but are now dead? _____<br>(c) How many children were born dead? _____   |  | <b>23. I hereby certify that I attended the birth of this child who was born alive at the hour of _____ m. on the date above stated and that the information given was furnished by _____ related to this child as _____</b><br>_____<br>_____  |  |   |
| <b>24. Date received by local registrar</b> _____<br><b>25. Registrar's own signature</b> _____<br><b>26. Date on which given name added</b> _____ by _____<br><small>(Registrar)</small>  |  | _____<br>Attendant's own signature _____<br>M. D., midwife, or other _____ Date signed _____<br>Address _____   |  |   |

VITAL STATISTICS OF THE UNITED STATES

FEDERAL SECURITY AGENCY  
PUBLIC HEALTH SERVICE

STANDARD CERTIFICATE OF DEATH

State File No. \_\_\_\_\_

Registrar's No. \_\_\_\_\_

State of \_\_\_\_\_

1. PLACE OF DEATH:

(a) County \_\_\_\_\_  
(b) City or town \_\_\_\_\_  
(If outside city or town limits, write RURAL)  
(c) Name of hospital or institution: \_\_\_\_\_  
(d) Length of stay: In hospital or institution \_\_\_\_\_  
(If not in hospital or institution, write street number or location)  
In this community \_\_\_\_\_ (Specify whether years, months or days)

2. USUAL RESIDENCE OF DECEASED:

(a) State \_\_\_\_\_ (b) County \_\_\_\_\_  
(c) City or town \_\_\_\_\_  
(If outside city or town limits, write RURAL)  
(d) Street No. \_\_\_\_\_  
(If rural, give location)  
(e) If foreign born, how long in U. S. A.? \_\_\_\_\_ years.

3. (a) FULL NAME \_\_\_\_\_

3. (b) If veteran, name war \_\_\_\_\_ 3. (c) Social Security No. \_\_\_\_\_  
4. Sex \_\_\_\_\_ 5. Color or race \_\_\_\_\_ 6. (a) Single, widowed, married, divorced \_\_\_\_\_  
6. (b) Name of husband or wife \_\_\_\_\_ 6. (c) Age of husband or wife if alive \_\_\_\_\_ years

7. Birth date of deceased \_\_\_\_\_  
(Month) (Day) (Year)  
8. AGE: Years \_\_\_\_\_ Months \_\_\_\_\_ Days \_\_\_\_\_ If less than one day \_\_\_\_\_ hr. \_\_\_\_\_ min.

9. Birthplace \_\_\_\_\_  
(City, town, or county) (State or foreign country)  
10. Usual occupation \_\_\_\_\_  
11. Industry or business \_\_\_\_\_  
12. Name \_\_\_\_\_  
13. Birthplace \_\_\_\_\_  
(City, town, or county) (State or foreign country)  
14. Maiden name \_\_\_\_\_  
15. Birthplace \_\_\_\_\_  
(City, town, or county) (State or foreign country)

16. (a) Informant's own signature \_\_\_\_\_  
(b) Address \_\_\_\_\_  
17. (a) \_\_\_\_\_ (b) Date thereof \_\_\_\_\_  
(Burial, cremation, or removal) (Month) (Day) (Year)  
(c) Place; burial or cremation \_\_\_\_\_  
18. (a) Signature of funeral director \_\_\_\_\_  
(b) Address \_\_\_\_\_  
19. (a) \_\_\_\_\_ (b) \_\_\_\_\_  
(Date received local registrar) (Registrar's signature)

MEDICAL CERTIFICATION

20. Date of death: Month \_\_\_\_\_ day \_\_\_\_\_  
year \_\_\_\_\_ hour \_\_\_\_\_ minute \_\_\_\_\_  
21. I hereby certify that I attended the deceased from \_\_\_\_\_, 19\_\_\_\_, to \_\_\_\_\_, 19\_\_\_\_:  
that I last saw h\_\_\_\_\_ alive on \_\_\_\_\_, 19\_\_\_\_:  
and that death occurred on the date and hour stated above.

Immediate cause of death \_\_\_\_\_  
Due to \_\_\_\_\_  
Due to \_\_\_\_\_  
Other conditions \_\_\_\_\_  
(Include pregnancy within 3 months of death)  
Major findings:  
Of operations \_\_\_\_\_  
Of autopsy \_\_\_\_\_

Duration \_\_\_\_\_  
PHYSICIAN \_\_\_\_\_  
Underline the cause to which death should be charged statistically.

22. If death was due to external causes, fill in the following:  
(a) Accident, suicide, or homicide (specify) \_\_\_\_\_  
(b) Date of occurrence \_\_\_\_\_  
(c) Where did injury occur? \_\_\_\_\_  
(City or town) (County) (State)  
(d) Did injury occur in or about home, on farm, in industrial place, in public place? \_\_\_\_\_  
While at work? \_\_\_\_\_ (e) Means of injury \_\_\_\_\_  
23. Signature \_\_\_\_\_ (M. D. or other) \_\_\_\_\_  
Address \_\_\_\_\_ Date signed \_\_\_\_\_

FEDERAL SECURITY AGENCY  
PUBLIC HEALTH SERVICE

**STANDARD CERTIFICATE OF STILLBIRTH**

State File No. \_\_\_\_\_

Registrar's No. \_\_\_\_\_

State of \_\_\_\_\_

**1. PLACE OF STILLBIRTH:**

(a) County \_\_\_\_\_  
 (b) City or town \_\_\_\_\_  
(If outside city or town limits, write RURAL)  
 (c) Name of hospital or institution: \_\_\_\_\_  
(If not in hospital or institution give street number or location)  
 (d) Mother's stay before delivery in hospital or institution \_\_\_\_\_  
(Specify whether years, months, or days)

**2. USUAL RESIDENCE OF MOTHER:**

(a) State \_\_\_\_\_  
 (b) County \_\_\_\_\_  
 (c) City or town \_\_\_\_\_  
(If outside city or town limits, write RURAL)  
 (d) Street No. \_\_\_\_\_  
(If rural, give location)

3. Full name of child \_\_\_\_\_

4. Date of birth \_\_\_\_\_  
(Month) (Day) (Year)

5. Sex: \_\_\_\_\_

6. Twin or triplet \_\_\_\_\_

If so—born 1st, 2d, or 3d \_\_\_\_\_

7. Number months of pregnancy \_\_\_\_\_

8. Is mother married? \_\_\_\_\_

**FATHER OF CHILD**

9. Full name \_\_\_\_\_  
 10. Color or race \_\_\_\_\_  
 11. Age at time of this birth \_\_\_\_\_ yrs.  
 12. Birthplace \_\_\_\_\_  
(City, town, or county) (State or foreign country)  
 13. Usual occupation \_\_\_\_\_  
 14. Industry or business \_\_\_\_\_

**MOTHER OF CHILD**

15. Full maiden name \_\_\_\_\_  
 16. Color or race \_\_\_\_\_  
 17. Age at time of this birth \_\_\_\_\_ yrs.  
 18. Birthplace \_\_\_\_\_  
(City, town, or county) (State or foreign country)  
 19. Usual occupation \_\_\_\_\_  
 20. Industry or business \_\_\_\_\_

**21. Children born to this mother:**

(a) How many children of this mother are now living? \_\_\_\_\_  
 (b) How many children were born alive but are now dead? \_\_\_\_\_  
 (c) How many other children were born dead? \_\_\_\_\_

**22. Mother's usual mailing address**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

23. Did child die before labor? \_\_\_\_\_ During labor? \_\_\_\_\_

24. Pregnancy, complications of \_\_\_\_\_

25. Labor: (a) Complications of \_\_\_\_\_  
 (b) Induced? \_\_\_\_\_

26 (a) Was there an operation for delivery? \_\_\_\_\_  
(Yes or no)  
 (b) State all operations, if any \_\_\_\_\_

(c) Did child die before operation? \_\_\_\_\_ or during operation? \_\_\_\_\_

**27. Cause of stillbirth (state only morbid conditions causing fetal death. Do not use such terms as prematurity, asphyxia, etc.):**

(a) Fetal causes \_\_\_\_\_  
 (b) Maternal causes \_\_\_\_\_

28. I hereby certify that I attended the birth of this child who was born dead at the hour of \_\_\_\_\_ m. on the date above stated.

Signature \_\_\_\_\_  
(Specify if M. D., midwife, or other)

Address \_\_\_\_\_

29 (a) Informant \_\_\_\_\_  
 (b) Address \_\_\_\_\_

30 (a) Burial, cremation, or removal \_\_\_\_\_ (b) Date \_\_\_\_\_  
(Month, day, year)

(c) Place of burial or cremation \_\_\_\_\_

31 (a) Signature of funeral director \_\_\_\_\_  
 (b) Address \_\_\_\_\_

32 (a) Statement of local registrar or coroner if physician was not present at stillbirth \_\_\_\_\_

(b) Signature \_\_\_\_\_ Title \_\_\_\_\_

33. Date filed with local registrar \_\_\_\_\_

34. Registrar's own signature \_\_\_\_\_

| Tabulation number | AREA                                | GEOGRAPHIC LOCATION |           |   |           |  |           | CAUSE OF DEATH  |  |                          |                            |             |                      |
|-------------------|-------------------------------------|---------------------|-----------|---|-----------|--|-----------|-----------------|--|--------------------------|----------------------------|-------------|----------------------|
|                   |                                     | State               |           | Each urban place of 10,000+. Totals by county for urban places under 10,000 and rural areas |           | Population groups  |           | Resident status | Detailed International List with letter sub-division | Selected List (abridged) | Selected List (unabridged) | Infant List | Selected Infant List |
|                   |                                     | Occurrence          | Residence | Occurrence  | Residence | Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural |           |                 |  |                          |                            |             |                      |
|                   |                                     |                     |           |   |           | Occurrence   | Residence |                 |  |                          |                            |             |                      |
| *1a               | Each State                          | X                   |           | X   |           | X  |           | X <sup>1</sup>  |  | a                        |                            |             |                      |
| *1b               | Each State (nonresidents only)      |                     | X         |   | X         |  | X         | X <sup>2</sup>  |  | a                        |                            |             |                      |
| *2                | Each State                          | X                   | X         |   |           |  |           | X <sup>3</sup>  | X  |                          |                            |             |                      |
| *3                | Each State (infants)                |                     | X         |   |           |  |           | a               |  |                          |                            | X           |                      |
| 4                 | United States (infants under 1 day) |                     |           |   |           |  |           |                 |  |                          |                            |             | a                    |
| 5                 | Each urban place of 100,000+        |                     | X         |   |           |  |           |                 |  |                          | X                          |             |                      |

\*Data available in summary punched cards.

<sup>1</sup>Residents, nonresidents (intrastate and interstate).

<sup>2</sup>Intrastate and interstate nonresidents.

**NATALITY**

| Tabulation number | AREA                           | GEOGRAPHIC LOCATION |           |   |           |  |           |              | AGE             |  |   | RACE  |                  |                     |  |                                  |                                |
|-------------------|--------------------------------|---------------------|-----------|---|-----------|--|-----------|--------------|-----------------|--|---|---|------------------|---------------------|--|----------------------------------|--------------------------------|
|                   |                                | State               |           | Each urban place of 10,000+. Totals by county for urban places under 10,000 and rural areas |           | Population groups  |           | Urban, rural | Resident status | Mother                                   |   | Father  | White, non-white | White, Negro, other | White, Negro, Indian, Chinese, Japanese, other | Indian, Chinese, Japanese, other | Negro, Indian, other non-white |
|                   |                                | Occurrence          | Residence | Occurrence  | Residence | Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural |           |              |                 | Under 15, single units of age not stated | 10-49 by 5-year age groups, 50+, and not stated | 10-54 by 5-year age groups, 55+, and not stated |                  |                     |  |                                  |                                |
|                   |                                |                     |           |   |           | Occurrence   | Residence |              |                 |  |   |   |                  |                     |  |                                  |                                |
| *1a               | Each State                     | X                   |           | X   |           | X  |           |              | X <sup>1</sup>  |  |   | a, b  |                  |                     |  |                                  |                                |
| *1b               | Each State (nonresidents only) |                     | X         |   | X         |  | X         |              | X <sup>2</sup>  |  |   | a, b  |                  |                     |  |                                  |                                |
| *2a               | Each State                     | X                   |           |   |           |  | a         |              | X <sup>1</sup>  | X  |   | b   | X                |                     | c  |                                  |                                |
| *2b               | Each State (nonresidents only) |                     | X         |   |           |  | a         |              | X               |  |   | b   | X                |                     | c  |                                  |                                |
| 3                 | Each State (nonresidents only) | X                   | a         |   |           |  |           |              |                 |  |   |   |                  |                     |  |                                  |                                |
| 4                 | Each State (plural births)     |                     | X         |   |           |  |           |              |                 |  |   |   | a                |                     |  |                                  |                                |
| 5                 | United States (plural births)  |                     |           |   |           |  |           |              |                 |  |   | a   |                  |                     |  |                                  |                                |

\*Data available in summary punched cards.

<sup>1</sup>Residents, nonresidents (intrastate and interstate).

<sup>2</sup>Legitimacy not reported for the following States: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, Oklahoma, South Carolina, and Wyoming.

**STILLBIRTH**

|    |   |   |   |   |  |   |  |   |                |   |  |   |   |   |  |  |   |
|----|---|---|---|---|--|---|--|---|----------------|---|--|---|---|---|--|--|---|
| 1a | Each State and New York City <sup>1</sup> | X |   |   |  |   |  |   |                |   |  | X |   |   |  |  |   |
| 1b | Each State and New York City              | X |   |   |  |   |  | a |                |   |  | X |   |   |  |  |   |
| 2  | Each State                                | X | a |   |  |   |  |   | b <sup>3</sup> |   |  |   |   |   |  |  |   |
| *3 | Each State                                |   | X | X |  | X |  |   | X <sup>2</sup> |   |  |   | a |   |  |  |   |
| *4 | United States                             |   |   |   |  | X |  |   |                | X |  |   |   | X |  |  |   |
| 5  | Each urban place of 100,000+              | X |   |   |  |   |  |   |                |   |  |   | a |   |  |  |   |
| 6  | Each State                                |   | X |   |  |   |  |   |                | X |  | X |   |   |  |  | a |
| 7  | United States                             |   |   |   |  |   |  |   |                | a |  |   |   |   |  |  |   |

\*Data available in summary punched cards.

<sup>1</sup>Includes all stillbirth cards; all other tabulations include only stillbirth cards for which period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

<sup>2</sup>Period of gestation not reported for Massachusetts.

<sup>3</sup>Residents, nonresidents (intrastate and interstate).

<sup>4</sup>Legitimacy not reported for the following States: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, Oklahoma, South Carolina, and Wyoming.

<sup>5</sup>Number of children not reported for Massachusetts.

NOTES.—The National Office of Vital Statistics tabulates a large volume of statistical material. Since only the tabulations that seem most important or of general interest can be published, only a fraction of the data available is ever printed. Nevertheless, the unpublished data are available to research workers and to many others having specialized interests.

The above tabular index is printed here for the use of those persons who may need certain statistical data which have not been published. It is relatively simple and describes completely all of the mortality, natality, and stillbirth tabulations made by the National Office of Vital Statistics for 1948.

In the tabular outline of mortality statistics for 1948 (see table), it may be seen that the column headings show all of the different classifications of subject matter used in the general body of data being described. Each tabulation is described separately in each row. The stub of the table shows the basis of tabulation and the number

**TABULATIONS**  
**TABULATIONS**

| AGE  |              |                                  |   |                                     | RACE             |                     |  | Sex | Month of death | INSTITUTION   |                 |                 | Tabulation number |
|--|--------------|----------------------------------|---|-------------------------------------|------------------|---------------------|--|-----|----------------|---|-----------------|-----------------|-------------------|
| Under 1 year, single years to 4, 5-year age groups to 93, 100+, and not stated | Under 1 year | Under 1 year and 1 year and over | Under 1 day; 1, 2, 3-6, 7-13, 14-20, 21-25 days; 1 mo., 2 mos., ... 11 mos. | 1 hour, 2, ... 23 hours, not stated | White, non-white | White, Negro, other | White, Negro, Indian, Chinese, Japanese, other |     |                | Not in institution, resident and nonresident institutions | Type of service | Type of control |                   |
|  | b            | c                                |   |                                     | b,d,e            |                     |  | d   |                | e   | f               |                 | *1a               |
|  | b            | c                                |   |                                     | b,d,e            |                     |  | d   |                | e   | f               |                 | *1b               |
| a  |              |                                  |   |                                     |                  |                     | X  | X   | b              |   | c               | d               | *2                |
|  |              |                                  | X   |                                     |                  | X                   |  | b   | c              |   | d               |                 | *3                |
|  |              |                                  |   | X                                   | X                |                     |  | X   |                |   |                 |                 | 4                 |
| a  |              |                                  |   |                                     | X                |                     |  | X   | b              |   | c               | d               | 5                 |

<sup>2</sup>Residents (including intrastate nonresidents); interstate nonresidents.

**TABULATIONS**

| NATIVITY     |        |        | Sex of child | Month of birth | Person in attendance | Period of gestation | Legitimate, illegitimate, not stated | NUMBER OF CHILDREN           |                              |                              |                              | Previous stillbirth, no previous stillbirth | PLURAL BIRTHS     |                         | Tabulation number |
|--------------|--------|--------|--------------|----------------|----------------------|---------------------|--------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|-------------------|-------------------------|-------------------|
| White mother | Mother | Father |              |                |                      |                     |                                      | Born alive                   |                              | Ever born                    |                              |   | Number born alive | Number and sex of mates |                   |
|              |        |        |              |                |                      |                     |                                      | 1, 2, 3, ... 17+, not stated | 1, 2, 3, ... 11+, not stated | 1, 2, 3, ... 20+, not stated | 1, 2, 3, ... 17+, not stated |   |                   |                         |                   |
|              |        |        |              |                | a                    |                     | b <sup>2</sup>                       |                              |                              |                              |                              |   |                   |                         | *1a               |
|              |        |        |              |                | a                    |                     | b <sup>2</sup>                       |                              |                              |                              |                              |   |                   |                         | *1b               |
| X            |        | d      | X            | e              |                      |                     | f <sup>2</sup>                       | g <sup>2</sup>               |                              |                              |                              |   |                   |                         | *2a               |
| X            |        | d      | X            | e              |                      |                     | f <sup>2</sup>                       | g <sup>2</sup>               |                              |                              |                              |   |                   |                         | *2b               |
|              |        |        |              |                |                      |                     |                                      |                              |                              |                              |                              |   |                   |                         | 3                 |
|              |        |        |              |                |                      |                     |                                      |                              |                              |                              |                              | X   | X                 |                         | 4                 |
|              |        |        |              |                |                      |                     |                                      |                              |                              |                              |                              |   |                   | X                       | 5                 |

<sup>1</sup>Intrastate and interstate nonresidents. for Massachusetts.

<sup>2</sup>Residents (including intrastate nonresidents); interstate nonresidents.

<sup>3</sup>Number of children not reported

**TABULATIONS**

|  |  |  |   |   |   |                |                |                |                |                |                |   |  |  |    |
|--|--|--|---|---|---|----------------|----------------|----------------|----------------|----------------|----------------|---|--|--|----|
|  |  |  | a |   |   | a <sup>2</sup> |                |                |                |                |                |   |  |  | 1a |
|  |  |  |   | b |   |                | d <sup>4</sup> |                |                |                |                |   |  |  | 1b |
|  |  |  |   |   |   |                |                |                |                |                |                |   |  |  | 2  |
|  |  |  |   | b | a |                |                |                |                |                |                |   |  |  | *3 |
|  |  |  | X |   |   |                |                |                |                | a <sup>5</sup> |                |   |  |  | *4 |
|  |  |  |   |   | a |                |                |                |                |                |                |   |  |  | 5  |
|  |  |  | X |   |   |                | b <sup>4</sup> | c <sup>5</sup> |                |                | d <sup>5</sup> |   |  |  | 6  |
|  |  |  |   |   |   |                |                |                | x <sup>5</sup> |                |                | X |  |  | 7  |

of the tabulation in which data are to be found. The stub also shows the scope of the tabulation under "area" which relates to the punch cards actually included in the tabulation. The notations in this column indicate whether the tabulation was made for each State or for the entire United States, for urban places having populations of 100,000 or more in each State, or for infant deaths only. In other words "area" designates the segment of the population for which the tabulation was made.

The many interrelations of data within this framework are shown by simple notations. In the horizontal rows for each tabulation, and under each subject-classification are placed the proper alphabetical notations which indicate the interrelations within the particular tabulation. Within each tabulation, subjects noted by X are cross-tabulated with each other and with all lettered subjects; for example, in mortality tabulation 3 (see table) infant deaths for each State (by place of residence) are tabulated by cause of death and the cause groups in turn are cross-tabulated by age and race. The resulting cause-age-race groups are then tabulated by population-size groups, by sex, by month of death, and by type of service in institution. However, the lettered subjects (population-size group, sex, month of death, and type of institution) are not cross-tabulated with each other.

The only exception to this general principle is the case where two or more lettered subjects are cross-tabulated with each other but are not crossed with other lettered subjects in the tabulation. In such cases, the same letter is used to indicate these subjects which are cross-tabulated. For example, in natality tabulation 1a race is cross-classified with attendant and legitimacy. However, attendant and legitimacy are not cross-classified with each other. All of the lettered subjects are cross-tabulated with place of occurrence, population-size group, and resident status, each of which is indicated by X.

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## **SUMMARY AND RATE TABLES**

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## VITAL STATISTICS OF THE UNITED STATES

TABLE I.—CRUDE BIRTH RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

| AREA   | 1915  | 1916  | 1917  | 1918  | 1919  | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 UNITED STATES (birth-registration States)- | 25.0  | 24.9  | 24.5  | 24.7  | 22.4  | 23.7  | 24.2  | 22.3  | 22.1  | 22.2  | 21.3  | 20.5  | 20.5  | 19.7  | 18.8  |
| GEOGRAPHIC DIVISIONS                         |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2 New England-----                           | 24.3  | 24.1  | 25.1  | 25.4  | ----- | ----- | 25.3  | 21.9  | 21.7  | 22.2  | 20.7  | 19.8  | 19.4  | 18.8  | 17.9  |
| 3 Middle Atlantic-----                       | ----- | ----- | ----- | ----- | ----- | ----- | 24.2  | 22.7  | 22.3  | 21.3  | 20.4  | 19.5  | 19.3  | 18.6  | 18.2  |
| 4 East North Central-----                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20.7  | 20.6  | 20.9  | 20.1  | 19.5  | 19.3  | 18.6  | 18.2  |
| 5 West North Central-----                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 22.9  | 21.6  |
| 6 South Atlantic-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 24.0  | 22.6  |
| 7 East South Central-----                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 8 West South Central-----                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 9 Mountain-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 10 Pacific-----                              | ----- | ----- | ----- | ----- | 17.5  | 19.1  | 19.2  | 18.3  | 18.4  | 18.7  | 17.6  | 16.6  | 16.1  | 15.4  | 14.6  |
| NEW ENGLAND                                  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 11 Maine-----                                | 20.9  | 20.7  | 21.4  | 22.1  | 20.3  | 22.5  | 22.9  | 22.6  | 22.5  | 23.5  | 22.0  | 20.7  | 20.5  | 20.7  | 19.9  |
| 12 New Hampshire-----                        | 22.6  | 21.7  | 21.4  | 21.9  | 19.8  | 22.4  | 22.6  | 21.7  | 20.5  | 22.1  | 20.5  | 18.9  | 18.9  | 18.5  | 17.5  |
| 13 Vermont-----                              | 21.8  | 21.6  | 20.3  | 21.3  | 20.0  | 21.0  | 22.3  | 21.2  | 20.7  | 20.9  | 21.1  | 20.1  | 19.7  | 19.7  | 18.7  |
| 14 Massachusetts-----                        | 25.2  | 25.1  | 25.6  | 25.9  | 23.2  | 23.6  | 23.3  | 21.9  | 22.0  | 22.3  | 20.7  | 19.9  | 19.5  | 18.7  | 17.5  |
| 15 Rhode Island-----                         | 23.3  | 24.5  | 25.2  | 25.7  | ----- | ----- | 23.0  | 22.2  | 22.0  | 22.4  | 21.2  | 20.0  | 20.3  | 19.2  | 18.0  |
| 16 Connecticut-----                          | 25.9  | 27.3  | 28.2  | 27.8  | 24.9  | 24.5  | 24.1  | 21.8  | 21.1  | 21.4  | 19.7  | 19.1  | 18.6  | 17.9  | 17.1  |
| MIDDLE ATLANTIC                              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 17 New York-----                             | 24.9  | 24.5  | 24.6  | 24.4  | 22.1  | 22.9  | 23.0  | 21.9  | 21.4  | 21.3  | 20.5  | 19.8  | 20.4  | 19.2  | 17.8  |
| 18 New Jersey-----                           | ----- | ----- | ----- | ----- | ----- | ----- | 23.7  | 22.1  | 21.5  | 21.5  | 20.2  | 19.3  | 18.7  | 17.7  | 17.1  |
| 19 Pennsylvania-----                         | 26.1  | 25.7  | 25.9  | 25.8  | 24.0  | 25.2  | 25.8  | 23.9  | 23.7  | 23.8  | 22.7  | 21.6  | 21.5  | 20.5  | 19.5  |
| EAST NORTH CENTRAL                           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20 Ohio-----                                 | ----- | ----- | 22.0  | 22.5  | 19.9  | 21.3  | 21.8  | 20.3  | 20.8  | 20.9  | 19.7  | 19.0  | 18.6  | 18.2  | 17.6  |
| 21 Indiana-----                              | ----- | ----- | 21.7  | 22.4  | 20.4  | 22.0  | 22.9  | 21.6  | 21.5  | 22.0  | 20.6  | 19.9  | 19.5  | 18.6  | 18.2  |
| 22 Illinois-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 19.3  | 18.7  | 19.0  | 18.5  | 18.1  | 17.8  | 17.1  | 16.9  |
| 23 Michigan-----                             | 24.7  | 25.9  | 25.8  | 26.0  | 23.4  | 24.9  | 24.9  | 22.9  | 22.9  | 23.3  | 22.9  | 22.2  | 21.8  | 21.0  | 20.7  |
| 24 Wisconsin-----                            | ----- | ----- | 22.9  | 23.4  | 21.1  | 21.9  | 22.7  | 21.0  | 21.0  | 21.6  | 20.0  | 19.2  | 19.7  | 19.6  | 18.9  |
| WEST NORTH CENTRAL                           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 25 Minnesota-----                            | 24.2  | 24.0  | 23.5  | 24.4  | 22.1  | 23.3  | 23.6  | 23.3  | 22.6  | 22.1  | 21.2  | 20.5  | 19.7  | 19.1  | 18.2  |
| 26 Iowa-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20.3  | 19.7  | 18.8  | 18.3  | 17.7  | 17.1  |
| 27 Missouri-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 18.6  | 17.6  | 16.9  |
| 28 North Dakota-----                         | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 22.2  | 22.5  | 22.9  | 22.4  | 22.5  | 21.7  |
| 29 South Dakota-----                         | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 30 Nebraska-----                             | ----- | ----- | ----- | ----- | ----- | 25.8  | 24.6  | 23.7  | 22.9  | 22.6  | 21.8  | 20.9  | 20.4  | 20.4  | 19.3  |
| 31 Kansas-----                               | ----- | ----- | 22.1  | 22.6  | 20.7  | 22.4  | 23.4  | 21.5  | 21.7  | 21.0  | 20.1  | 19.1  | 18.8  | 18.3  | 17.5  |
| SOUTH ATLANTIC                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 32 Delaware-----                             | ----- | ----- | ----- | ----- | ----- | ----- | 23.4  | 22.0  | 21.2  | 20.2  | 21.1  | 18.7  | 18.6  | 18.5  | 18.1  |
| 33 Maryland-----                             | ----- | 23.8  | 23.8  | 23.2  | 23.5  | 24.7  | 24.8  | 22.9  | 22.8  | 22.5  | 21.8  | 20.8  | 20.3  | 19.8  | 18.5  |
| 34 District of Columbia-----                 | 19.4  | 20.0  | 19.4  | 19.5  | 18.4  | 20.0  | 20.1  | 20.2  | 19.9  | 20.3  | 19.7  | 19.0  | 19.0  | 18.7  | 18.4  |
| 35 Virginia-----                             | ----- | 26.3  | 26.7  | 26.2  | 28.0  | 28.0  | 29.3  | 26.9  | 26.5  | 26.5  | 25.3  | 23.9  | 23.9  | 23.2  | 22.3  |
| 36 West Virginia-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 28.4  | 27.1  | 26.8  | 25.8  | 25.5  | 23.7  |
| 37 North Carolina-----                       | ----- | ----- | 30.0  | 29.9  | 29.1  | 31.5  | 33.4  | 30.3  | 30.5  | 30.9  | 28.9  | 27.8  | 27.5  | 26.2  | 24.6  |
| 38 South Carolina-----                       | ----- | ----- | ----- | ----- | 26.4  | 28.3  | 29.8  | 27.5  | 26.1  | 27.7  | ----- | ----- | ----- | 24.9  | 22.7  |
| 39 Georgia-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20.4  | 20.2  |
| 40 Florida-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 23.1  | 23.3  | 25.4  | 24.1  | 20.8  | 18.6  |
| EAST SOUTH CENTRAL                           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 41 Kentucky-----                             | ----- | ----- | 25.5  | 25.7  | 23.9  | 26.0  | 27.6  | 25.4  | 26.1  | 26.3  | 25.2  | 23.0  | 24.4  | 23.2  | 21.7  |
| 42 Tennessee-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 21.0  | 19.2  | 19.4  |
| 43 Alabama-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 25.9  | 24.1  | 23.8  |
| 44 Mississippi-----                          | ----- | ----- | ----- | ----- | ----- | ----- | 25.3  | 23.7  | 23.1  | 23.1  | 23.6  | 26.3  | 25.1  | 24.3  | 22.8  |
| WEST SOUTH CENTRAL                           |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 45 Arkansas-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 21.9  | 20.7  | 20.2  |
| 46 Louisiana-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 22.7  | 20.3  | 20.2  |
| 47 Oklahoma-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16.3  | 16.8  |
| 48 Texas-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| MOUNTAIN                                     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 49 Montana-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20.0  | 19.5  | 19.0  | 19.1  | 18.5  | 18.6  | 18.4  | 19.2  |
| 50 Idaho-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 21.1  | 20.5  | 20.2  | 20.4  | 19.8  | 19.7  |
| 51 Wyoming-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 25.0  | 23.4  | 24.3  | 22.4  | 20.2  | 20.4  | 19.8  | 19.8  |
| 52 Colorado-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 18.9  | 17.8  |
| 53 New Mexico-----                           | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 27.0  |
| 54 Arizona-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 20.8  | 20.6  | 21.2  | 20.3  | 20.3  |
| 55 Utah-----                                 | ----- | ----- | 30.7  | 33.1  | 29.2  | 31.2  | 31.9  | 29.7  | 28.8  | 29.1  | 28.2  | 26.6  | 25.7  | 25.7  | 24.4  |
| 56 Nevada-----                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 14.2  |
| PACIFIC                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 57 Washington-----                           | ----- | ----- | 18.2  | 19.2  | 18.8  | 19.7  | 19.4  | 17.9  | 17.6  | 17.3  | 16.6  | 15.8  | 15.2  | 14.9  | 14.6  |
| 58 Oregon-----                               | ----- | ----- | ----- | ----- | 17.5  | 19.0  | 19.4  | 18.4  | 18.0  | 18.3  | 17.5  | 16.3  | 15.8  | 15.0  | 14.0  |
| 59 California-----                           | ----- | ----- | ----- | ----- | 16.9  | 18.9  | 19.1  | 18.4  | 18.8  | 19.2  | 18.0  | 16.8  | 16.4  | 15.6  | 14.7  |

<sup>1</sup>Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 19.1 (1941); 21.5 (1942); 23.0 (1943); 22.1 (1944); 21.5 (1945); 23.8 (1946).

<sup>2</sup>Rates for all areas based on total population present in area.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

# SUMMARY AND RATE TABLES

## UNITED STATES, EACH DIVISION AND STATE, 1915-48

birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

| 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 <sup>1</sup> | 1941 <sup>1</sup> | 1942 <sup>2</sup> | 1943 <sup>3</sup> | 1944 <sup>4</sup> | 1945 <sup>5</sup> | 1946 <sup>6</sup> | 1947 <sup>7</sup> | 1948 <sup>8</sup> |    |
|------|------|------|------|------|------|------|------|------|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----|
| 18.9 | 18.0 | 17.4 | 16.6 | 17.2 | 16.9 | 16.7 | 17.1 | 17.6 | 17.3 | 17.9              | 18.9              | 20.9              | 21.5              | 20.2              | 19.6              | 23.3              | 25.8              | 24.2              | 1  |
| 17.8 | 16.8 | 16.3 | 15.2 | 15.3 | 15.0 | 14.7 | 14.7 | 14.8 | 15.0 | 15.7              | 17.0              | 20.3              | 21.8              | 19.9              | 19.3              | 21.7              | 23.9              | 21.8              | 2  |
| 18.0 | 16.8 | 16.0 | 14.9 | 14.8 | 14.8 | 14.6 | 14.7 | 15.0 | 14.7 | 15.3              | 16.6              | 19.5              | 20.3              | 18.6              | 18.6              | 21.1              | 23.1              | 21.2              | 3  |
| 18.2 | 16.8 | 15.9 | 15.0 | 15.5 | 15.7 | 15.8 | 16.3 | 17.0 | 16.4 | 17.0              | 18.4              | 21.1              | 21.7              | 20.1              | 19.6              | 22.8              | 25.0              | 23.5              | 4  |
| 21.8 | 21.0 | 21.3 | 20.1 | 21.0 | 20.5 | 19.9 | 20.5 | 20.6 | 20.4 | 20.8              | 22.0              | 23.8              | 26.4              | 26.0              | 25.3              | 26.8              | 29.0              | 27.4              | 5  |
| 22.6 | 21.8 | 22.0 | 20.6 | 21.8 | 21.4 | 20.8 | 21.2 | 21.9 | 21.2 | 21.8              | 22.5              | 24.6              | 26.9              | 26.5              | 25.4              | 27.9              | 29.9              | 28.2              | 6  |
| 21.3 | 20.4 | 19.6 | 18.3 | 19.5 | 18.7 | 18.2 | 18.7 | 19.6 | 19.2 | 20.0              | 21.6              | 22.9              | 25.4              | 25.7              | 23.9              | 25.5              | 27.0              | 25.9              | 7  |
| 14.7 | 14.0 | 13.3 | 12.7 | 13.2 | 13.2 | 13.6 | 14.6 | 15.4 | 15.3 | 16.2              | 17.3              | 20.7              | 23.0              | 22.1              | 21.6              | 23.3              | 24.9              | 23.0              | 8  |
| 20.3 | 20.3 | 20.0 | 18.6 | 19.3 | 19.1 | 18.5 | 18.3 | 18.2 | 17.8 | 17.9              | 18.9              | 21.3              | 23.7              | 22.5              | 20.9              | 25.3              | 26.6              | 24.2              | 9  |
| 17.9 | 16.6 | 16.6 | 15.5 | 16.6 | 16.3 | 16.1 | 16.0 | 16.3 | 16.2 | 17.3              | 17.9              | 19.9              | 21.2              | 19.3              | 18.6              | 22.8              | 25.6              | 24.4              | 10 |
| 19.3 | 18.6 | 16.9 | 17.2 | 18.5 | 18.5 | 18.1 | 17.8 | 17.7 | 17.8 | 18.7              | 19.4              | 20.2              | 22.3              | 20.8              | 20.2              | 22.7              | 25.5              | 24.8              | 11 |
| 17.3 | 16.4 | 16.1 | 14.8 | 14.8 | 14.4 | 14.0 | 14.0 | 13.8 | 14.5 | 15.4              | 16.5              | 19.9              | 21.3              | 19.4              | 19.0              | 21.2              | 23.4              | 23.1              | 12 |
| 17.8 | 16.6 | 16.5 | 15.3 | 15.3 | 15.1 | 14.8 | 14.8 | 15.2 | 14.9 | 15.3              | 16.6              | 20.5              | 21.7              | 20.4              | 20.2              | 22.7              | 24.8              | 23.1              | 13 |
| 17.2 | 15.8 | 14.6 | 13.8 | 13.6 | 13.5 | 13.5 | 13.7 | 14.2 | 13.9 | 14.8              | 16.6              | 20.7              | 22.2              | 19.6              | 19.1              | 21.3              | 22.7              | 20.7              | 14 |
| 17.1 | 16.1 | 15.4 | 14.4 | 14.1 | 13.9 | 13.6 | 13.8 | 14.1 | 13.9 | 14.7              | 15.9              | 18.8              | 19.7              | 18.4              | 18.6              | 20.9              | 22.8              | 21.3              | 15 |
| 16.8 | 15.5 | 14.9 | 13.6 | 13.3 | 13.3 | 13.2 | 13.3 | 13.7 | 13.6 | 14.1              | 16.0              | 19.5              | 20.1              | 18.3              | 18.6              | 20.9              | 22.3              | 19.9              | 16 |
| 19.5 | 18.4 | 17.2 | 16.1 | 16.4 | 16.5 | 16.4 | 16.6 | 16.8 | 16.4 | 16.7              | 17.7              | 20.3              | 21.2              | 19.1              | 18.6              | 21.4              | 23.6              | 21.7              | 17 |
| 17.7 | 16.1 | 15.1 | 14.1 | 14.7 | 14.8 | 15.1 | 15.7 | 16.4 | 15.8 | 16.6              | 18.3              | 21.1              | 21.4              | 19.5              | 19.3              | 22.7              | 25.7              | 23.7              | 18 |
| 18.3 | 17.1 | 16.1 | 15.2 | 15.7 | 15.8 | 16.0 | 16.5 | 17.7 | 17.1 | 18.0              | 19.0              | 21.1              | 21.6              | 20.9              | 20.0              | 23.1              | 25.2              | 23.7              | 19 |
| 16.8 | 15.5 | 14.5 | 14.0 | 14.3 | 14.4 | 14.4 | 14.7 | 15.6 | 15.0 | 15.6              | 17.1              | 19.7              | 20.5              | 18.9              | 18.4              | 21.6              | 22.9              | 21.7              | 20 |
| 20.5 | 19.0 | 17.9 | 16.9 | 17.5 | 18.1 | 18.1 | 18.4 | 19.2 | 18.3 | 18.8              | 20.3              | 23.3              | 23.6              | 21.4              | 20.8              | 23.7              | 26.5              | 24.8              | 21 |
| 19.3 | 18.3 | 17.7 | 16.7 | 17.0 | 17.2 | 17.2 | 17.4 | 17.8 | 17.4 | 17.5              | 18.3              | 21.1              | 21.9              | 21.0              | 20.9              | 23.6              | 25.7              | 24.5              | 22 |
| 18.4 | 18.0 | 17.7 | 16.8 | 17.2 | 17.1 | 17.6 | 17.7 | 18.3 | 18.2 | 19.0              | 19.5              | 21.6              | 22.2              | 21.5              | 20.7              | 23.8              | 26.1              | 24.8              | 23 |
| 17.3 | 17.0 | 16.3 | 16.0 | 17.0 | 16.4 | 17.1 | 17.0 | 17.4 | 17.4 | 17.9              | 18.6              | 19.9              | 20.2              | 20.1              | 19.1              | 22.4              | 25.1              | 23.6              | 24 |
| 17.1 | 16.5 | 16.2 | 15.4 | 15.9 | 15.4 | 15.0 | 15.2 | 15.7 | 15.6 | 16.4              | 17.4              | 18.9              | 20.4              | 19.7              | 19.1              | 21.7              | 23.7              | 22.3              | 25 |
| 21.7 | 21.3 | 21.1 | 19.9 | 22.0 | 20.8 | 20.8 | 19.6 | 20.4 | 20.5 | 20.9              | 21.9              | 23.2              | 24.9              | 26.8              | 26.1              | 28.9              | 32.1              | 28.8              | 26 |
| 19.6 | 19.3 | 19.1 | 18.6 | 19.3 | 19.1 | 19.3 | 19.1 | 18.2 | 18.0 | 18.2              | 19.2              | 21.0              | 23.4              | 24.3              | 23.7              | 25.8              | 28.2              | 26.7              | 27 |
| 17.9 | 17.4 | 16.8 | 16.4 | 17.4 | 16.3 | 16.1 | 15.8 | 16.1 | 16.0 | 16.0              | 17.0              | 18.7              | 20.5              | 20.9              | 20.5              | 21.9              | 24.9              | 24.2              | 28 |
| 18.7 | 17.5 | 17.5 | 15.8 | 16.0 | 16.1 | 15.5 | 17.2 | 17.2 | 16.7 | 17.2              | 18.8              | 21.3              | 24.2              | 22.9              | 22.9              | 24.9              | 27.1              | 24.7              | 29 |
| 18.5 | 17.4 | 17.2 | 16.2 | 16.0 | 15.8 | 15.3 | 15.8 | 16.4 | 15.8 | 16.6              | 18.5              | 21.5              | 23.3              | 22.1              | 21.7              | 23.5              | 25.7              | 23.8              | 30 |
| 19.2 | 18.5 | 19.8 | 18.8 | 17.9 | 17.8 | 18.6 | 20.0 | 20.3 | 21.3 | 22.7              | 24.3              | 26.9              | 28.4              | 27.6              | 28.0              | 32.0              | 33.1              | 31.8              | 31 |
| 22.5 | 21.3 | 21.8 | 20.3 | 20.5 | 19.9 | 19.5 | 19.6 | 19.9 | 19.6 | 20.6              | 21.7              | 23.4              | 25.8              | 25.0              | 24.0              | 25.0              | 27.4              | 26.0              | 32 |
| 24.0 | 22.3 | 21.7 | 20.1 | 22.7 | 22.5 | 21.9 | 22.7 | 22.7 | 22.0 | 22.0              | 22.9              | 23.4              | 24.3              | 24.1              | 23.0              | 26.8              | 29.5              | 27.7              | 33 |
| 24.2 | 23.3 | 23.9 | 22.7 | 23.7 | 23.3 | 22.4 | 23.0 | 22.4 | 22.4 | 22.5              | 23.5              | 25.2              | 27.7              | 27.1              | 26.5              | 28.1              | 30.7              | 28.9              | 34 |
| 23.1 | 22.2 | 23.2 | 22.3 | 24.3 | 22.1 | 21.3 | 21.9 | 22.0 | 22.6 | 23.5              | 25.0              | 25.8              | 29.7              | 29.4              | 27.3              | 28.6              | 30.3              | 28.3              | 35 |
| 20.8 | 21.0 | 21.5 | 20.4 | 21.5 | 21.1 | 20.4 | 20.9 | 20.7 | 20.7 | 21.0              | 22.0              | 24.0              | 27.1              | 26.8              | 26.4              | 28.0              | 30.4              | 29.2              | 36 |
| 18.4 | 18.1 | 18.0 | 16.5 | 16.9 | 17.4 | 17.0 | 17.3 | 17.6 | 17.6 | 17.8              | 19.1              | 20.7              | 25.3              | 26.9              | 26.0              | 25.4              | 26.4              | 25.0              | 37 |
| 22.6 | 21.7 | 22.5 | 20.8 | 22.4 | 21.4 | 20.5 | 20.5 | 22.3 | 21.5 | 22.3              | 22.6              | 24.4              | 25.1              | 25.1              | 24.0              | 26.8              | 28.7              | 27.0              | 38 |
| 20.1 | 19.7 | 19.4 | 18.3 | 18.9 | 19.1 | 18.2 | 18.6 | 19.0 | 18.6 | 19.0              | 20.5              | 22.9              | 25.6              | 25.3              | 24.1              | 26.6              | 28.6              | 26.5              | 39 |
| 24.0 | 23.5 | 23.4 | 21.9 | 23.2 | 22.4 | 21.5 | 22.0 | 22.0 | 21.7 | 22.3              | 23.0              | 25.7              | 28.9              | 28.1              | 27.3              | 29.4              | 30.7              | 29.2              | 40 |
| 24.0 | 22.5 | 22.9 | 21.5 | 23.0 | 23.1 | 23.5 | 24.7 | 25.0 | 23.8 | 24.1              | 24.4              | 25.8              | 28.4              | 27.9              | 26.6              | 30.3              | 31.6              | 31.1              | 41 |
| 22.1 | 22.1 | 20.3 | 19.4 | 19.8 | 18.7 | 17.6 | 18.4 | 19.2 | 18.2 | 19.7              | 21.0              | 22.6              | 23.9              | 23.5              | 22.5              | 24.2              | 25.7              | 24.9              | 42 |
| 20.4 | 20.3 | 19.9 | 18.0 | 19.2 | 18.7 | 19.2 | 20.1 | 21.2 | 20.8 | 21.6              | 22.8              | 24.6              | 26.8              | 26.8              | 25.2              | 27.7              | 29.3              | 28.2              | 43 |
| 17.7 | 18.0 | 17.1 | 18.2 | 19.8 | 18.3 | 17.7 | 17.8 | 19.0 | 18.6 | 19.3              | 22.3              | 22.5              | 22.7              | 23.8              | 20.4              | 21.7              | 23.2              | 21.7              | 44 |
| 18.5 | 18.0 | 17.0 | 16.8 | 18.6 | 18.8 | 19.1 | 18.7 | 19.3 | 19.1 | 19.8              | 21.2              | 22.4              | 26.2              | 26.4              | 25.0              | 26.4              | 27.8              | 26.6              | 45 |
| 20.6 | 20.2 | 19.4 | 18.9 | 20.4 | 20.2 | 21.2 | 21.0 | 22.4 | 21.5 | 22.1              | 22.5              | 22.4              | 24.7              | 25.2              | 24.0              | 26.0              | 30.2              | 26.7              | 46 |
| 19.8 | 19.8 | 18.6 | 18.4 | 19.8 | 18.6 | 20.0 | 18.7 | 20.2 | 19.8 | 20.1              | 20.0              | 20.9              | 22.9              | 23.6              | 22.3              | 22.8              | 27.0              | 25.6              | 47 |
| 18.1 | 17.7 | 16.8 | 16.3 | 17.0 | 17.9 | 17.1 | 18.1 | 18.8 | 18.6 | 18.7              | 18.8              | 21.3              | 23.3              | 24.0              | 23.9              | 27.2              | 29.1              | 28.0              | 48 |
| 28.4 | 28.2 | 28.0 | 27.3 | 27.6 | 27.7 | 26.3 | 27.5 | 27.8 | 27.2 | 27.5              | 27.5              | 27.1              | 31.5              | 34.4              | 33.8              | 35.4              | 37.5              | 36.1              | 49 |
| 23.7 | 21.1 | 18.9 | 17.8 | 18.4 | 19.5 | 20.1 | 21.9 | 22.4 | 22.2 | 23.3              | 22.9              | 24.3              | 29.1              | 29.6              | 27.9              | 28.6              | 30.3              | 28.1              | 50 |
| 25.4 | 23.4 | 23.1 | 22.8 | 24.1 | 24.1 | 23.8 | 24.0 | 24.8 | 24.0 | 24.5              | 24.3              | 27.6              | 30.4              | 29.5              | 28.2              | 29.7              | 34.3              | 31.3              | 51 |
| 14.5 | 12.9 | 13.1 | 14.0 | 14.5 | 14.1 | 13.9 | 16.8 | 17.9 | 18.0 | 18.4              | 18.6              | 22.0              | 25.0              | 27.2              | 28.2              | 25.9              | 30.1              | 22.8              | 52 |
| 14.7 | 14.0 | 13.7 | 13.3 | 14.2 | 14.0 | 14.4 | 15.1 | 15.9 | 15.6 | 16.2              | 17.4              | 21.5              | 23.9              | 22.6              | 22.1              | 23.9              | 25.2              | 23.1              | 53 |
| 14.1 | 13.7 | 13.2 | 12.5 | 13.3 | 13.2 | 13.6 | 14.8 | 15.3 | 15.5 | 16.2              | 16.9              | 19.8              | 21.9              | 19.3              | 18.7              | 21.2              | 23.5              | 21.5              | 54 |
| 14.8 | 14.0 | 13.3 | 12.6 | 12.9 | 13.0 | 13.3 | 14.5 | 15.3 | 15.3 | 16.2              | 17.3              | 20.6              | 23.0              | 22.4              | 21.9              | 23.5              | 25.0              | 23.3              | 55 |

## VITAL STATISTICS OF THE UNITED STATES

TABLE II.—CRUDE DEATH RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

| AREA   | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | 1920  | 1921  |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 UNITED STATES (death-registration States)----- | 17.2  | 16.4  | 15.5  | 15.6  | 16.4  | 15.9  | 15.7  | 15.9  | 14.7  | 14.2  | 14.7  | 13.9  | 13.6  | 13.8  | 13.3  | 13.2  | 13.8  | 14.0  | 18.1  | 12.9  | 13.0  | 11.5  |       |
| GEOGRAPHIC DIVISIONS                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2 New England-----                               | 18.2  | 16.9  | 16.2  | 16.7  | 16.3  | 16.6  | 16.4  | 16.9  | 15.7  | 15.5  | 16.3  | 15.7  | 15.2  | 15.2  | 14.8  | 14.7  | 15.4  | 15.4  | 20.6  | 13.9  | 14.1  | 12.4  |       |
| 3 Middle Atlantic-----                           | ----- | ----- | ----- | ----- | ----- | ----- | 16.5  | 16.6  | 15.5  | 15.2  | 15.8  | 15.0  | 14.6  | 14.9  | 14.5  | 14.4  | 15.1  | 15.1  | 20.4  | 13.6  | 13.8  | 12.3  |       |
| 4 East North Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.7  | 12.3  | 12.7  | 11.1  |
| 5 West North Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6 South Atlantic-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 7 East South Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 8 West South Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 9 Mountain-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 10 Pacific-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.5  | 12.7  | 12.5  | 11.5  |
| NEW ENGLAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 11 Maine-----                                    | 17.1  | 16.1  | 15.4  | 15.8  | 16.3  | 15.9  | 15.9  | 16.3  | 15.6  | 15.5  | 17.1  | 16.0  | 15.5  | 15.2  | 15.5  | 15.5  | 15.7  | 15.0  | 19.2  | 14.7  | 15.4  | 14.0  |       |
| 12 New Hampshire-----                            | 18.5  | 16.9  | 16.3  | 17.7  | 16.7  | 17.2  | 18.1  | 17.6  | 16.7  | 16.8  | 17.3  | 17.1  | 16.4  | 17.0  | 16.2  | 16.0  | 16.1  | 16.7  | 21.9  | 14.7  | 15.2  | 13.6  |       |
| 13 Vermont-----                                  | 16.5  | 16.5  | 14.9  | 16.1  | 15.8  | 16.8  | 16.5  | 16.1  | 15.9  | 15.7  | 16.0  | 15.8  | 15.1  | 15.8  | 15.0  | 14.8  | 15.8  | 14.6  | 19.5  | 14.5  | 15.7  | 14.1  |       |
| 14 Massachusetts-----                            | 18.4  | 17.3  | 16.6  | 16.7  | 16.3  | 16.7  | 16.2  | 16.9  | 15.8  | 15.4  | 16.1  | 15.7  | 15.2  | 15.1  | 14.5  | 14.3  | 15.1  | 15.2  | 21.3  | 13.8  | 13.8  | 12.1  |       |
| 15 Rhode Island-----                             | 20.4  | 18.0  | 17.7  | 18.0  | 17.2  | 17.1  | 17.4  | 17.0  | 15.9  | 15.6  | 17.1  | 15.6  | 15.3  | 15.1  | 14.6  | 15.0  | 15.9  | 15.8  | 20.6  | 14.1  | 14.2  | 12.3  |       |
| 16 Connecticut-----                              | 16.0  | 16.0  | 15.1  | 15.9  | 15.7  | 16.1  | 16.2  | 16.5  | 14.9  | 15.0  | 15.6  | 15.3  | 14.7  | 14.7  | 14.8  | 14.5  | 15.6  | 15.7  | 20.6  | 13.4  | 13.6  | 11.4  |       |
| MIDDLE ATLANTIC                                  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 17 New York-----                                 | 18.2  | 17.6  | 16.4  | 16.4  | 17.9  | 17.0  | 17.3  | 15.9  | 15.7  | 16.2  | 15.7  | 15.2  | 15.4  | 15.2  | 15.1  | 15.4  | 15.4  | 19.5  | 14.0  | 14.1  | 12.5  | ----- |       |
| 18 New Jersey-----                               | 17.7  | 16.8  | 16.4  | 16.2  | 17.3  | 15.8  | 15.9  | 16.1  | 14.8  | 14.6  | 15.5  | 14.8  | 14.2  | 14.4  | 14.3  | 14.0  | 15.1  | 14.7  | 20.7  | 13.0  | 12.9  | 11.5  |       |
| 19 Pennsylvania-----                             | ----- | ----- | ----- | ----- | ----- | 16.1  | 16.0  | 15.2  | 14.7  | 15.5  | 14.2  | 14.0  | 14.5  | 13.9  | 13.8  | 14.7  | 15.0  | 22.2  | 13.4  | 13.8  | 12.4  | ----- |       |
| EAST NORTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20 Ohio-----                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12.9  | 13.7  | 13.2  | 13.4  | 13.7  | 12.7  | 12.6  | 13.8  | 14.0  | 16.9  | 12.8  | 12.8  | 11.3  |       |
| 21 Indiana-----                                  | 14.2  | 13.8  | 12.8  | 12.3  | 13.7  | 13.1  | 12.7  | 12.8  | 12.7  | 12.9  | 13.4  | 12.8  | 12.8  | 13.0  | 12.6  | 12.3  | 13.2  | 13.7  | 16.1  | 12.8  | 13.4  | 11.6  |       |
| 22 Illinois-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16.4  | 12.1  | 12.4  | 10.7  |       |
| 23 Michigan-----                                 | 14.0  | 13.4  | 12.7  | 13.2  | 13.6  | 13.4  | 14.1  | 13.5  | 13.4  | 13.1  | 14.1  | 13.0  | 12.9  | 13.2  | 12.5  | 12.4  | 13.7  | 13.7  | 15.5  | 12.7  | 13.8  | 11.4  |       |
| 24 Wisconsin-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 11.8  | 11.8  | 12.0  | 11.4  | 11.2  | 11.4  | 10.9  | 10.5  | 11.6  | 11.5  | 13.5  | 10.8  | 11.1  | 10.1  |
| WEST NORTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 25 Minnesota-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.9  | 10.4  | 9.5   | 10.4  | 10.5  | 10.0  | 10.5  | 10.3  | 13.7  | 10.6  | 10.7  | 9.4   |       |
| 26 Iowa-----                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 27 Missouri-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.1  | 12.6  | 12.2  | 11.9  | 11.7  | 12.5  | 13.2  | 16.1  | 11.9  | 12.5  | 10.8  |       |
| 28 North Dakota-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 29 South Dakota-----                             | ----- | ----- | ----- | ----- | ----- | ----- | 6.6   | 9.3   | 9.4   | 8.7   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 30 Nebraska-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.0  | 9.2   |       |
| 31 Kansas-----                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.5  | 10.8  | 11.6  | 11.9  | 15.4  | 10.9  | 11.5  | 10.2  |       |
| SOUTH ATLANTIC                                   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 32 Delaware-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 15.6  | 14.9  | 13.7  |       |
| 33 Maryland-----                                 | ----- | ----- | ----- | ----- | ----- | 16.0  | 16.5  | 15.9  | 15.5  | 16.0  | 15.6  | 15.2  | 15.7  | 15.3  | 15.2  | 15.9  | 16.5  | 22.9  | 15.2  | 14.6  | 13.4  | ----- |       |
| 34 District of Columbia-----                     | 22.3  | 21.3  | 19.9  | 20.1  | 20.6  | 20.1  | 20.2  | 20.0  | 19.1  | 19.0  | 19.5  | 18.3  | 18.4  | 16.8  | 15.9  | 16.0  | 18.1  | 17.4  | 22.9  | 14.3  | 14.7  | 13.6  |       |
| 35 Virginia-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.6  | 13.4  | 13.4  | 13.9  | 13.7  | 18.6  | 13.5  | 13.0  | 11.9  |       |
| 36 West Virginia-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 37 North Carolina-----                           | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12.5  | 13.4  | 17.0  | 12.2  | 12.6  | 11.1  |       |
| 38 South Carolina-----                           | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.6  | 14.2  | 19.5  | 13.7  | 14.1  | 12.0  |       |
| 39 Georgia-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 40 Florida-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.2  | 13.2  | 11.8  |       |
| EAST SOUTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 41 Kentucky-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.1  | 12.7  | 12.9  | 12.7  | 12.1  | 12.5  | 13.6  | 16.8  | 12.7  | 11.8  | 10.5  |       |
| 42 Tennessee-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 13.2  | 16.3  | 12.4  | 12.2  | 10.6  |       |
| 43 Alabama-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 44 Mississippi-----                              | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12.7  | 12.2  | 10.9  |       |
| WEST SOUTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 45 Arkansas-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 46 Louisiana-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 16.5  | 13.1  | 11.9  | 10.9  |
| 47 Oklahoma-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 48 Texas-----                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| MOUNTAIN   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 49 Montana-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.5  | 10.1  | 9.9   | 11.6  | 10.7  | 10.6  | 11.9  | 13.1  | 18.0  | 10.8  | 9.7   | 8.6   |       |
| 50 Idaho-----                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 51 Wyoming-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 52 Colorado-----                                 | ----- | ----- | ----- | ----- | ----- | 13.8  | 13.1  | 14.4  | 14.2  | 13.8  | 13.1  | 12.0  | 12.2  | 12.0  | 12.2  | 11.1  | 11.9  | 19.5  | 12.9  | 14.6  | 12.4  | ----- |       |
| 53 New Mexico-----                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 54 Arizona-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| 55 Utah-----                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 10.6  | 10.2  | 9.8   | 10.8  | 9.9   | 9.7   | 10.3  | 10.4  | 14.2  | 11.0  | 11.5  | 10.5  |       |
| 56 Nevada-----                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |       |
| PACIFIC  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 57 Washington-----                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 9.3   | 9.8   | 10.0  | 9.3   | 8.6   | 9.4   | 9.3   | 9.6   | 9.4   | 9.5   | 13.2  | 10.8  | 11.0  | 9.4   |       |
| 58 Oregon-----                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 12.8  | 11.5  | 11.7  | 10.4  |
| 59 California-----                               | ----- | ----- | ----- | ----- | ----- | 14.5  | 15.1  | 14.5  | 13.6  | 13.5  | 13.4  | 13.8  | 13.7  | 12.8  | 13.0  | 13.0  | 13.3  | 17.7  |       |       |       |       |       |

# SUMMARY AND RATE TABLES

## UNITED STATES, EACH DIVISION AND STATE, 1900-1948

death-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

| 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940 <sup>1</sup> | 1941 <sup>1</sup> | 1942 <sup>1</sup> | 1943 <sup>1</sup> | 1944 <sup>1</sup> | 1945 <sup>1</sup> | 1946 <sup>1</sup> | 1947 <sup>1</sup> | 1948 <sup>1</sup> |       |    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|----|
| 11.7  | 12.1  | 11.6  | 11.7  | 12.1  | 11.3  | 12.0  | 11.9  | 11.3  | 11.1  | 10.9  | 10.7  | 11.1  | 10.9  | 11.6  | 11.3  | 10.6  | 10.6  | 10.7              | 10.5              | 10.4              | 10.9              | 10.6              | 10.6              | 10.0              | 10.1              | 9.9               | 1     |    |
| 13.0  | 13.2  | 12.3  | 12.6  | 12.9  | 11.9  | 12.3  | 12.6  | 11.9  | 11.6  | 11.8  | 12.0  | 11.8  | 11.7  | 12.0  | 12.0  | 11.5  | 11.6  | 11.7              | 11.6              | 11.6              | 12.7              | 12.1              | 11.8              | 11.1              | 10.9              | 11.0              | 2     |    |
| 12.6  | 13.0  | 12.3  | 12.9  | 12.9  | 11.9  | 12.5  | 12.3  | 11.5  | 11.5  | 11.2  | 11.1  | 11.2  | 11.1  | 11.4  | 11.3  | 10.9  | 11.0  | 11.1              | 11.0              | 11.3              | 12.3              | 11.8              | 11.8              | 10.7              | 10.8              | 10.7              | 3     |    |
| 11.1  | 11.8  | 11.0  | 11.3  | 11.8  | 11.1  | 11.9  | 11.8  | 11.1  | 11.0  | 10.9  | 10.5  | 11.1  | 11.0  | 11.7  | 11.5  | 10.7  | 10.8  | 10.9              | 10.7              | 10.8              | 11.5              | 11.1              | 11.1              | 10.4              | 10.4              | 10.1              | 4     |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 5  |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 6  |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 7  |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 8  |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 9  |
| 12.2  | 11.8  | 11.8  | 11.5  | 11.5  | 11.5  | 11.9  | 11.5  | 11.4  | 11.3  | 11.2  | 11.2  | 11.2  | 11.6  | 12.0  | 12.1  | 11.3  | 11.2  | 11.4              | 10.9              | 10.8              | 10.8              | 10.5              | 10.2              | 10.0              | 10.1              | 10.1              | 9.7   | 10 |
| 14.7  | 14.9  | 13.7  | 13.6  | 14.3  | 13.6  | 13.8  | 14.2  | 13.9  | 13.1  | 13.3  | 13.7  | 13.4  | 13.4  | 13.4  | 13.7  | 12.6  | 12.8  | 12.5              | 12.4              | 12.5              | 13.5              | 12.8              | 12.4              | 11.6              | 11.3              | 11.1              | 11    |    |
| 14.5  | 14.9  | 13.9  | 14.3  | 14.5  | 13.6  | 13.8  | 14.0  | 13.6  | 12.7  | 13.5  | 13.7  | 13.5  | 13.7  | 13.5  | 13.7  | 12.6  | 12.8  | 12.7              | 12.7              | 12.4              | 11.5              | 13.3              | 13.4              | 12.5              | 12.0              | 11.7              | 11.8  | 12 |
| 14.6  | 15.1  | 13.7  | 14.5  | 14.6  | 13.7  | 13.7  | 14.7  | 15.0  | 12.5  | 13.3  | 13.9  | 13.7  | 13.9  | 14.0  | 12.9  | 12.7  | 12.7  | 12.8              | 12.2              | 12.2              | 13.9              | 13.4              | 12.1              | 11.7              | 10.9              | 11.1              | 13    |    |
| 12.7  | 12.9  | 12.0  | 12.5  | 12.6  | 11.7  | 12.1  | 12.3  | 11.6  | 11.6  | 11.9  | 11.7  | 11.7  | 11.8  | 11.8  | 12.0  | 11.2  | 11.6  | 11.9              | 11.7              | 12.0              | 13.0              | 12.5              | 12.3              | 11.4              | 11.2              | 11.4              | 14    |    |
| 12.7  | 13.1  | 12.5  | 12.1  | 12.9  | 11.7  | 13.4  | 13.0  | 11.7  | 11.7  | 11.9  | 11.7  | 11.4  | 11.6  | 11.8  | 12.0  | 11.9  | 11.1  | 11.2              | 11.1              | 11.4              | 12.2              | 11.0              | 10.9              | 10.8              | 11.2              | 10.9              | 15    |    |
| 12.2  | 12.2  | 11.5  | 11.7  | 12.0  | 10.8  | 11.4  | 11.5  | 10.7  | 10.7  | 10.4  | 10.7  | 10.7  | 10.7  | 10.8  | 10.8  | 10.5  | 10.5  | 10.5              | 10.5              | 10.3              | 11.3              | 10.7              | 10.6              | 9.9               | 9.6               | 9.8               | 16    |    |
| 13.1  | 13.1  | 12.8  | 12.7  | 13.4  | 12.6  | 13.1  | 12.7  | 11.7  | 11.7  | 11.4  | 11.4  | 11.3  | 11.2  | 11.5  | 11.5  | 10.9  | 11.1  | 11.1              | 11.1              | 11.4              | 12.6              | 11.9              | 12.0              | 11.1              | 11.1              | 11.1              | 17    |    |
| 11.9  | 12.0  | 11.4  | 11.5  | 11.9  | 10.8  | 11.3  | 11.6  | 10.7  | 10.8  | 10.4  | 10.6  | 10.7  | 10.6  | 11.0  | 11.0  | 10.7  | 10.6  | 10.9              | 10.9              | 11.0              | 11.9              | 11.3              | 11.4              | 10.1              | 10.3              | 10.0              | 18    |    |
| 12.3  | 13.2  | 12.1  | 12.2  | 12.6  | 11.4  | 12.2  | 12.1  | 11.5  | 11.5  | 11.2  | 10.8  | 11.2  | 11.1  | 11.6  | 11.8  | 10.8  | 11.0  | 11.2              | 11.0              | 11.2              | 12.1              | 11.7              | 11.6              | 10.5              | 10.5              | 10.4              | 19    |    |
| 11.2  | 12.1  | 11.1  | 11.4  | 12.1  | 11.2  | 12.1  | 12.3  | 11.4  | 11.3  | 11.3  | 10.8  | 11.3  | 11.3  | 11.8  | 11.7  | 10.9  | 11.1  | 11.4              | 11.3              | 11.3              | 12.2              | 11.7              | 11.4              | 10.4              | 10.7              | 10.3              | 20    |    |
| 12.0  | 12.8  | 12.0  | 12.4  | 12.7  | 11.8  | 12.6  | 12.7  | 12.1  | 11.9  | 11.8  | 11.4  | 12.2  | 11.8  | 12.6  | 12.1  | 11.5  | 11.6  | 11.8              | 11.4              | 11.3              | 11.6              | 11.2              | 11.3              | 10.3              | 10.5              | 10.1              | 21    |    |
| 10.9  | 11.6  | 10.7  | 11.2  | 11.5  | 11.0  | 11.9  | 11.5  | 10.9  | 11.2  | 10.8  | 10.7  | 11.3  | 11.0  | 11.9  | 11.2  | 10.8  | 10.8  | 11.0              | 11.2              | 10.8              | 11.0              | 11.8              | 11.5              | 11.8              | 11.1              | 11.0              | 22    |    |
| 11.1  | 12.1  | 11.2  | 11.4  | 12.2  | 11.0  | 11.7  | 11.7  | 10.7  | 10.2  | 10.4  | 10.2  | 10.5  | 10.6  | 11.2  | 10.8  | 10.0  | 10.1  | 9.9               | 9.9               | 9.9               | 10.5              | 10.5              | 10.9              | 9.4               | 9.4               | 9.1               | 23    |    |
| 9.9   | 10.4  | 10.0  | 10.3  | 10.4  | 10.1  | 10.9  | 10.7  | 10.4  | 10.1  | 10.1  | 9.8   | 10.0  | 10.1  | 10.9  | 10.4  | 10.0  | 10.1  | 10.1              | 10.1              | 9.8               | 10.2              | 10.8              | 10.7              | 10.9              | 10.2              | 9.9               | 24    |    |
| 9.6   | 10.2  | 9.7   | 10.0  | 10.1  | 9.5   | 10.0  | 10.0  | 10.0  | 9.8   | 9.8   | 9.6   | 10.0  | 9.8   | 10.6  | 9.9   | 9.6   | 9.7   | 9.6               | 9.5               | 9.6               | 10.4              | 10.3              | 10.4              | 9.8               | 9.8               | 9.5               | 25    |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 26 |
| 11.2  | 12.2  | 11.5  | 11.7  | 12.0  | 11.4  | 12.6  | 12.2  | 11.8  | 12.0  | 11.8  | 11.4  | 12.5  | 11.6  | 13.1  | 12.0  | 11.4  | 11.3  | 11.5              | 11.2              | 10.8              | 11.7              | 11.6              | 11.9              | 11.1              | 11.5              | 11.0              | 27    |    |
| ----- | ----- | 7.6   | 7.8   | 8.2   | 7.9   | 8.3   | 8.0   | 7.9   | 7.6   | 7.7   | 8.2   | 8.9   | 8.9   | 8.7   | 8.4   | 8.1   | 8.5   | 8.2               | 6.6               | 6.3               | 9.6               | 9.9               | 10.0              | 9.3               | 9.5               | 8.7               | 28    |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 29 |
| 9.5   | 9.6   | 9.3   | 9.3   | 9.3   | 9.1   | 10.0  | 9.7   | 8.5   | 8.5   | 8.3   | 8.9   | 9.5   | 9.4   | 9.4   | 9.8   | 9.4   | 9.1   | 8.4               | 8.6               | 8.5               | 8.8               | 9.1               | 9.8               | 10.3              | 9.9               | 9.9               | 30    |    |
| 10.5  | 10.9  | 9.9   | 10.2  | 10.4  | 10.1  | 11.3  | 10.4  | 10.4  | 9.9   | 10.4  | 10.5  | 10.7  | 10.9  | 11.6  | 10.3  | 10.1  | 10.1  | 10.4              | 10.3              | 10.1              | 10.6              | 10.2              | 10.3              | 10.1              | 9.6               | 10.0              | 9.8   | 31 |
| 14.1  | 15.0  | 13.8  | 14.1  | 15.3  | 13.1  | 13.7  | 13.3  | 13.6  | 13.6  | 13.0  | 13.4  | 13.4  | 12.8  | 13.1  | 13.0  | 12.4  | 12.1  | 12.1              | 11.9              | 12.3              | 12.9              | 12.3              | 12.1              | 11.6              | 11.6              | 11.6              | 32    |    |
| 13.4  | 14.5  | 13.6  | 13.9  | 14.4  | 13.2  | 13.5  | 13.5  | 13.2  | 13.1  | 12.5  | 12.2  | 12.3  | 12.3  | 12.6  | 12.6  | 11.8  | 11.6  | 12.0              | 11.5              | 11.3              | 12.1              | 11.4              | 11.6              | 10.4              | 10.7              | 10.6              | 33    |    |
| 14.0  | 15.7  | 14.4  | 15.2  | 15.8  | 14.7  | 15.1  | 15.4  | 15.1  | 15.3  | 15.3  | 14.9  | 14.0  | 14.5  | 14.2  | 12.5  | 12.6  | 12.7  | 11.3              | 10.9              | 10.8              | 10.8              | 10.2              | 10.2              | 9.8               | 9.7               | 9.7               | 34    |    |
| 11.9  | 12.7  | 12.0  | 12.1  | 12.7  | 11.8  | 12.4  | 12.9  | 12.5  | 12.1  | 11.6  | 11.3  | 12.0  | 11.7  | 12.3  | 11.7  | 11.0  | 10.6  | 10.9              | 10.9              | 9.6               | 9.7               | 9.3               | 9.7               | 9.4               | 9.7               | 9.5               | 35    |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 36 |
| 11.4  | 11.6  | 11.7  | 11.2  | 11.7  | 10.9  | 11.7  | 11.8  | 10.5  | 10.0  | 10.0  | 9.2   | 9.8   | 9.9   | 10.7  | 10.3  | 9.5   | 9.3   | 9.2               | 9.3               | 9.0               | 9.7               | 9.7               | 9.7               | 8.9               | 9.2               | 9.3               | 37    |    |
| 12.3  | 12.2  | 13.4  | 12.8  | 13.6  | 12.5  | 14.0  | 13.3  | 12.9  | 11.3  | 11.3  | 9.5   | 9.2   | 10.5  | 9.9   | 10.5  | 9.9   | 9.7   | 9.0               | 8.7               | 8.1               | 8.2               | 8.2               | 8.3               | 7.9               | 8.2               | 7.9               | 38    |    |
| 10.4  | 11.4  | 11.9  | ----- | ----- | ----- | 12.4  | 12.2  | 12.1  | 11.2  | 10.8  | 10.7  | 11.1  | 10.7  | 11.7  | 11.1  | 11.6  | 11.1  | 11.1              | 10.2              | 10.7              | 10.4              | 9.1               | 9.4               | 8.8               | 8.6               | 8.8               | 39    |    |
| 12.0  | 12.9  | 13.7  | 13.3  | 14.7  | 12.8  | 13.2  | 12.6  | 12.4  | 12.1  | 12.0  | 12.1  | 12.8  | 12.4  | 12.7  | 12.3  | 11.9  | 11.6  | 12.0              | 11.4              | 10.4              | 10.6              | 10.7              | 10.3              | 10.8              | 10.9              | 10.7              | 40    |    |
| 10.8  | 11.8  | 10.6  | 11.3  | 11.8  | 10.7  | 11.8  | 11.9  | 11.3  | 11.0  | 11.0  | 10.7  | 11.3  | 10.9  | 11.9  | 11.3  | 10.6  | 10.5  | 10.4              | 10.7              | 10.0              | 10.4              | 10.5              | 10.6              | 9.9               | 10.1              | 9.7               | 41    |    |
| 10.6  | 11.6  | 11.2  | 11.0  | 12.3  | 11.1  | 12.0  | 12.1  | 11.5  | 10.8  | 10.6  | 10.3  | 10.9  | 10.8  | 11.7  | 10.8  | 10.4  | 10.0  | 10.2              | 9.8               | 9.4               | 10.4              | 10.5              | 10.2              | 9.5               | 9.5               | 9.4               | 42    |    |
| 10.6  | 11.0  | 11.2  | 11.6  | 12.3  | 11.8  | 13.1  | 12.9  | 11.0  | 10.6  | 10.3  | 10.0  | 10.7  | 10.3  | 11.1  | 11.0  | 10.5  | 10.0  | 10.5              | 10.2              | 9.2               | 9.4               | 9.5               | 9.4               | 8.7               | 9.2               | 9.1               | 43    |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 44 |
| 11.1  | 11.8  | 12.6  | ----- | ----- | 10.0  | 10.8  | 10.5  | 10.2  | 9.6   | 8.8   | 9.0   | 8.9   | 8.5   | 9.7   | 9.6   | 8.8   | 8.5   | 8.7               | 8.3               | 8.0               | 8.2               | 7.7               | 7.9               | 7.5               | 7.8               | 7.7               | 45    |    |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 46 |
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | -----             | ----- | 47 |
| 9.4   | 9.1   | 9.2   | 9.7   | 10.2  | 10.1  | 10.7  | 10.9  | 10.1  | 9.8   | 9.9   | 9.8   | 10.5  | 11.6  | 11.5  | 11.2  | 10.4  | 10.7  | 10.2              | 10.1              | 10.4              | 11.4              | 12.3              | 12.1              | 11.6              | 11.7              | 11.4              | 48    |    |
| 8.5   | 7.6   | 8.7   | 7.8   | 8.8   | 9.5   | 9.3   | 9.1   | 9.4   | 8.9   | 8.8   | 8.9   | 9.5   | 9.7   | 10.4  | 9.6   | 9.0   | 9.2   | 9.2               | 8.5               | 8.8               | 8.7               | 8.3               | 8.7               | 8.6               | 8.9               | 8.2               | 49    |    |
| 9.3   | 10.3  | 9.6   | 8.9   | 8.8   | 9.0   | 9.9   | 9.0   | 9.2   | 8.9   | 9.0   | 8.6   | 9.1   | 9.7   | 10.1  | 10.1  | 9.1   | 8.9   | 8.4               | 8.2               | 7.6               | 8.2               | 8.6               | 8.8               | 8.3               | 9.0               | 8.4               | 50    |    |
| 13.7  | 12.5  | 12.4  | 12.3  | 12.1  | 12.7  | 13.9  | 12.8  |       |       |       |       |       |       |       |       |       |       |                   |                   |                   |                   |                   |                   |                   |                   |                   |       |    |

## VITAL STATISTICS OF THE UNITED STATES

TABLE III.—INFANT MORTALITY RATES BY PLACE OF OCCURRENCE:

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. For each State, rates are shown from the year of its admission to the

| AREA   | 1915  | 1916  | 1917  | 1918  | 1919  | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 UNITED STATES (birth-registration States)----- | 95.9  | 101.0 | 93.8  | 100.9 | 86.6  | 85.8  | 75.6  | 76.2  | 77.1  | 70.8  | 71.7  | 73.3  | 64.6  | 88.7  | 67.6  |
| GEOGRAPHIC DIVISIONS                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 2 New England-----                               | 103.9 | 102.5 | 97.5  | 110.9 | ----- | ----- | 78.7  | 80.9  | 80.9  | 71.1  | 73.5  | 74.6  | 65.8  | 64.7  | 65.4  |
| 3 Middle Atlantic-----                           | ----- | ----- | ----- | ----- | ----- | ----- | 80.4  | 81.8  | 79.6  | 73.2  | 73.8  | 75.4  | 63.6  | 67.9  | 64.6  |
| 4 East North Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 72.8  | 76.7  | 68.5  | 71.1  | 73.1  | 63.1  | 65.2  | 64.4  |
| 5 West North Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 80.2  | 78.6  |
| 6 South Atlantic-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 65.6  | 74.6  | 73.4  |
| 7 East South Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 8 West South Central-----                        | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 9 Mountain-----                                  | ----- | ----- | ----- | ----- | 67.4  | 70.7  | 61.8  | 67.3  | 67.6  | 63.3  | 64.1  | 60.2  | 58.2  | 57.7  | 90.1  |
| 10 Pacific-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 58.7  |
| NEW ENGLAND                                      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 11 Maine-----                                    | 105.4 | 108.2 | 93.3  | 101.2 | 90.6  | 101.6 | 88.0  | 86.5  | 88.5  | 80.8  | 76.3  | 80.0  | 80.0  | 72.5  | 77.4  |
| 12 New Hampshire-----                            | 109.6 | 114.7 | 109.6 | 113.5 | 93.1  | 88.0  | 86.7  | 79.8  | 93.2  | 79.5  | 76.2  | 78.7  | 69.2  | 69.4  | 66.2  |
| 13 Vermont-----                                  | 85.5  | 93.1  | 85.0  | 93.0  | 85.5  | 96.2  | 77.8  | 73.1  | 76.0  | 70.2  | 72.4  | 72.0  | 69.8  | 65.2  | 65.8  |
| 14 Massachusetts-----                            | 101.0 | 100.2 | 97.9  | 112.7 | 88.1  | 90.9  | 76.0  | 81.2  | 77.8  | 67.6  | 73.0  | 73.1  | 64.5  | 64.3  | 61.8  |
| 15 Rhode Island-----                             | 120.3 | 111.2 | 107.5 | 125.6 | ----- | ----- | 92.7  | 85.2  | 94.3  | 79.9  | 72.8  | 82.0  | 66.5  | 67.2  | 72.0  |
| 16 Connecticut-----                              | 107.1 | 101.3 | 93.8  | 107.2 | 86.3  | 91.9  | 73.1  | 77.3  | 76.5  | 68.7  | 73.3  | 72.1  | 58.8  | 58.6  | 64.4  |
| MIDDLE ATLANTIC                                  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 17 New York-----                                 | 99.3  | 94.1  | 91.4  | 96.8  | 83.6  | 86.3  | 75.4  | 77.0  | 72.1  | 69.2  | 67.6  | 70.5  | 59.4  | 65.0  | 60.8  |
| 18 New Jersey-----                               | ----- | ----- | ----- | ----- | ----- | ----- | 74.1  | 78.6  | 71.6  | 70.0  | 68.9  | 70.1  | 61.3  | 65.2  | 60.1  |
| 19 Pennsylvania-----                             | 109.8 | 114.2 | 111.0 | 128.5 | 100.0 | 97.1  | 87.7  | 88.2  | 90.4  | 78.5  | 82.0  | 82.4  | 69.0  | 72.1  | 70.5  |
| EAST NORTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 20 Ohio-----                                     | ----- | ----- | 92.1  | 94.1  | 89.6  | 82.9  | 75.1  | 71.7  | 74.7  | 66.6  | 69.6  | 75.9  | 61.8  | 66.1  | 68.8  |
| 21 Indiana-----                                  | ----- | ----- | 85.8  | 87.0  | 79.0  | 81.8  | 71.2  | 67.4  | 71.0  | 65.2  | 67.9  | 72.4  | 58.8  | 62.5  | 63.6  |
| 22 Illinois-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 76.1  | 81.9  | 71.0  | 72.5  | 69.4  | 64.4  | 64.2  | 61.4  |
| 23 Michigan-----                                 | 86.0  | 96.1  | 88.3  | 89.1  | 89.7  | 91.7  | 78.6  | 74.5  | 80.3  | 72.3  | 75.3  | 77.2  | 67.7  | 69.4  | 66.4  |
| 24 Wisconsin-----                                | ----- | ----- | 77.8  | 79.0  | 79.6  | 76.5  | 72.1  | 70.8  | 69.9  | 64.7  | 67.2  | 69.1  | 59.1  | 61.4  | 59.6  |
| WEST NORTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 25 Minnesota-----                                | 70.2  | 69.7  | 67.4  | 70.9  | 67.0  | 66.4  | 58.8  | 57.9  | 61.7  | 56.7  | 60.3  | 57.6  | 51.9  | 53.6  | 51.2  |
| 26 Iowa-----                                     | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 54.9  | 56.0  | 58.7  | 55.5  | 53.0  | 52.6  |
| 27 Missouri-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 59.7  | 59.7  | 65.6  | 62.1  |
| 28 North Dakota-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 66.7  | 71.6  | 69.2  | 63.4  | 59.5  | 67.2  |
| 29 South Dakota-----                             | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 30 Nebraska-----                                 | ----- | ----- | ----- | ----- | ----- | 64.2  | 58.6  | 56.7  | 57.3  | 55.3  | 57.7  | 59.2  | 51.2  | 52.8  | 51.7  |
| 31 Kansas-----                                   | ----- | ----- | 77.5  | 79.5  | 69.7  | 73.1  | 62.5  | 64.8  | 62.9  | 59.0  | 61.7  | 65.3  | 55.3  | 59.0  | 57.6  |
| SOUTH ATLANTIC                                   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 32 Delaware-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | 97.6  | 100.2 | 104.0 | 95.0  | 90.5  | 93.4  | 70.6  | 78.4  | 81.2  |
| 33 Maryland-----                                 | ----- | 121.0 | 119.9 | 140.4 | 105.4 | 104.1 | 93.6  | 94.1  | 94.6  | 86.2  | 90.0  | 87.1  | 81.5  | 79.6  | 79.9  |
| 34 District of Columbia-----                     | 111.1 | 106.0 | 97.4  | 111.6 | 85.3  | 91.0  | 83.5  | 84.9  | 91.8  | 76.0  | 87.4  | 85.0  | 67.6  | 65.1  | 70.7  |
| 35 Virginia-----                                 | ----- | ----- | 97.8  | 102.9 | 91.0  | 85.6  | 78.7  | 76.8  | 84.0  | 77.6  | 80.8  | 83.7  | 75.5  | 75.9  | 78.8  |
| 36 West Virginia-----                            | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 79.8  | 81.8  | 71.9  | 70.1  | 77.6  |
| 37 North Carolina-----                           | ----- | ----- | 99.6  | 101.8 | 84.3  | 84.9  | 75.0  | 79.5  | 81.0  | 82.3  | 78.8  | 82.3  | 79.1  | 85.7  | 79.1  |
| 38 South Carolina-----                           | ----- | ----- | ----- | ----- | 113.1 | 115.8 | 96.1  | 92.9  | 96.3  | 101.6 | ----- | ----- | ----- | 96.5  | 81.0  |
| 39 Georgia-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 81.6  | 76.3  |
| 40 Florida-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 81.8  | 74.2  | 74.8  | 67.4  | 67.1  | 85.5  |
| EAST SOUTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 41 Kentucky-----                                 | ----- | ----- | 87.1  | 93.3  | 81.6  | 73.1  | 61.9  | 69.2  | 71.6  | 64.6  | 70.5  | 75.5  | 61.0  | 69.6  | 70.9  |
| 42 Tennessee-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 71.1  | 80.9  | 77.1  |
| 43 Alabama-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 64.4  | 75.0  | 73.6  |
| 44 Mississippi-----                              | ----- | ----- | ----- | ----- | ----- | ----- | 68.4  | 68.0  | 68.1  | 71.3  | 68.5  | 70.0  | 66.8  | 73.8  | 72.1  |
| WEST SOUTH CENTRAL                               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 45 Arkansas-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 60.9  | 66.9  | 58.1  |
| 46 Louisiana-----                                | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 77.4  | 78.4  | 74.0  |
| 47 Oklahoma-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 69.0  | 70.2  |
| 48 Texas-----                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| MOUNTAIN   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 49 Montana-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 70.2  | 71.5  | 66.9  | 70.9  | 76.9  | 66.4  | 61.4  | 64.0  |
| 50 Idaho-----                                    | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 63.0  | 50.0  | 59.0  | 55.3  |
| 51 Wyoming-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 78.6  | 79.6  | 64.3  | 63.9  | 75.9  | 68.9  | 67.8  | 70.3  |
| 52 Colorado-----                                 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 89.4  | 91.4  |
| 53 New Mexico-----                               | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 145.5 |
| 54 Arizona-----                                  | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 121.2 | 130.1 | 141.5 | 133.3 |
| 55 Utah-----                                     | ----- | ----- | 69.4  | 64.0  | 71.0  | 71.4  | 72.8  | 69.0  | 59.1  | 64.4  | 55.8  | 74.8  | 54.3  | 58.9  | 59.1  |
| 56 Nevada-----                                   | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 67.2  |
| PACIFIC  |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 57 Washington-----                               | ----- | ----- | 69.3  | 68.9  | 63.1  | 66.4  | 55.5  | 61.7  | 56.5  | 56.2  | 56.4  | 56.4  | 49.8  | 48.1  | 49.0  |
| 58 Oregon-----                                   | ----- | ----- | ----- | ----- | 62.7  | 61.8  | 50.9  | 58.5  | 57.3  | 53.6  | 51.1  | 52.5  | 47.5  | 46.6  | 47.9  |
| 59 California-----                               | ----- | ----- | ----- | ----- | 70.5  | 74.4  | 66.5  | 71.1  | 73.0  | 67.1  | 68.7  | 62.7  | 62.3  | 62.2  | 63.2  |

<sup>1</sup>By place of residence.

# SUMMARY AND RATE TABLES

## UNITED STATES, EACH DIVISION AND STATE, 1915-48

birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

| 1930  | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940 | 1941 | 1942 <sup>1</sup> | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 |    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------------------|------|------|------|------|------|------|----|
| 64.6  | 61.6  | 57.6  | 58.1  | 60.1  | 55.7  | 57.1  | 54.4  | 51.0  | 48.0  | 47.0 | 45.3 | 40.4              | 40.4 | 39.6 | 38.3 | 33.8 | 32.2 | 32.0 | 1  |
| 61.5  | 57.4  | 54.7  | 53.7  | 53.0  | 49.4  | 48.6  | 46.8  | 42.5  | 39.8  | 39.3 | 36.8 | 34.1              | 35.8 | 35.1 | 33.1 | 31.8 | 28.7 | 27.1 | 2  |
| 62.1  | 61.0  | 55.2  | 52.5  | 52.8  | 46.9  | 48.3  | 46.4  | 42.6  | 41.7  | 39.9 | 36.5 | 34.1              | 34.8 | 35.7 | 34.2 | 30.5 | 29.3 | 27.6 | 3  |
| 58.8  | 57.8  | 54.4  | 50.7  | 52.9  | 48.1  | 49.4  | 46.7  | 42.6  | 40.6  | 39.1 | 37.7 | 35.4              | 37.0 | 35.6 | 34.5 | 31.2 | 29.9 | 29.1 | 4  |
| 78.0  | 73.9  | 50.3  | 51.9  | 53.1  | 50.0  | 49.9  | 47.3  | 43.6  | 40.3  | 39.3 | 39.0 | 34.8              | 35.4 | 34.3 | 32.7 | 31.0 | 29.9 | 28.2 | 5  |
| 70.2  | 82.7  | 68.4  | 68.0  | 74.8  | 67.7  | 70.8  | 51.7  | 65.8  | 58.0  | 57.1 | 60.6 | 50.4              | 47.8 | 46.6 | 44.5 | 37.8 | 35.5 | 35.4 | 6  |
| 88.3  | 82.0  | 82.7  | 63.9  | 67.8  | 60.1  | 65.2  | 60.4  | 60.6  | 55.7  | 55.9 | 67.2 | 48.1              | 46.5 | 45.5 | 44.9 | 38.5 | 36.9 | 36.2 | 7  |
| 59.8  | 53.6  | 50.0  | 67.6  | 66.5  | 64.4  | 66.4  | 66.4  | 60.6  | 60.2  | 61.1 | 53.7 | 48.6              | 46.7 | 46.0 | 44.2 | 37.7 | 37.6 | 40.7 | 8  |
|       |       |       | 76.1  | 74.5  | 77.5  | 77.7  | 74.7  | 86.3  | 83.7  | 61.7 | 58.7 | 54.3              | 51.5 | 50.4 | 51.9 | 42.1 | 39.7 | 42.0 | 9  |
|       |       |       | 49.3  | 48.6  | 47.8  | 50.6  | 49.8  | 42.3  | 40.6  | 38.0 | 35.7 | 34.1              | 34.3 | 34.1 | 32.5 | 30.8 | 28.7 | 28.0 | 10 |
| 75.7  | 71.5  | 63.1  | 66.3  | 70.6  | 63.0  | 64.1  | 65.3  | 56.2  | 52.4  | 53.5 | 51.2 | 48.1              | 51.4 | 46.6 | 46.2 | 41.0 | 35.7 | 32.4 | 11 |
| 61.4  | 57.3  | 58.9  | 55.9  | 60.7  | 53.9  | 46.2  | 49.1  | 47.6  | 45.8  | 40.0 | 36.5 | 35.8              | 43.4 | 36.5 | 34.7 | 30.4 | 29.7 | 27.8 | 12 |
| 64.8  | 59.9  | 65.2  | 53.0  | 52.6  | 46.6  | 58.0  | 49.5  | 48.4  | 45.6  | 45.0 | 43.9 | 41.7              | 39.7 | 41.6 | 34.4 | 34.2 | 30.7 | 28.5 | 13 |
| 60.1  | 54.5  | 52.8  | 52.0  | 49.0  | 48.3  | 46.5  | 44.1  | 39.9  | 37.0  | 37.5 | 33.3 | 32.0              | 34.8 | 33.4 | 32.1 | 32.0 | 28.4 | 27.1 | 14 |
| 61.8  | 60.8  | 57.2  | 55.5  | 53.9  | 47.2  | 48.2  | 47.6  | 45.8  | 39.4  | 38.2 | 35.8 | 39.5              | 43.3 | 36.5 | 29.7 | 29.4 | 28.2 | 25.8 | 15 |
| 56.0  | 53.8  | 48.4  | 48.4  | 48.8  | 42.7  | 42.0  | 40.4  | 36.3  | 35.9  | 34.1 | 31.1 | 29.2              | 29.4 | 30.7 | 29.6 | 28.0 | 25.4 | 24.4 | 16 |
| 58.8  | 57.4  | 52.8  | 53.6  | 51.9  | 48.0  | 47.0  | 45.1  | 40.6  | 39.3  | 37.2 | 33.1 | 31.9              | 32.9 | 32.9 | 32.0 | 29.2 | 28.3 | 27.4 | 17 |
| 56.5  | 56.8  | 50.2  | 46.3  | 49.1  | 46.2  | 44.3  | 39.4  | 39.5  | 38.7  | 35.6 | 36.2 | 31.1              | 33.9 | 34.5 | 32.6 | 28.8 | 28.1 | 26.5 | 18 |
| 68.0  | 66.7  | 60.0  | 53.4  | 55.0  | 50.8  | 51.2  | 50.3  | 45.9  | 45.6  | 44.7 | 40.7 | 38.2              | 37.6 | 39.9 | 37.9 | 32.6 | 31.0 | 28.4 | 19 |
| 60.7  | 80.0  | 58.5  | 52.7  | 53.7  | 50.4  | 51.2  | 49.6  | 43.3  | 42.9  | 41.4 | 40.8 | 37.0              | 39.3 | 38.8 | 36.5 | 31.3 | 29.5 | 30.5 | 20 |
| 57.7  | 57.6  | 54.7  | 53.0  | 56.5  | 50.8  | 50.7  | 49.7  | 42.5  | 39.5  | 41.9 | 39.8 | 36.6              | 40.0 | 34.6 | 36.1 | 31.5 | 30.5 | 29.7 | 21 |
| 55.8  | 58.6  | 52.8  | 49.0  | 52.8  | 45.9  | 46.8  | 43.1  | 40.9  | 38.0  | 35.3 | 34.0 | 33.1              | 33.1 | 32.4 | 31.8 | 30.3 | 28.8 | 27.6 | 22 |
| 62.7  | 57.0  | 54.0  | 50.5  | 52.0  | 47.7  | 50.7  | 47.9  | 44.6  | 41.9  | 40.7 | 36.7 | 37.2              | 38.3 | 39.1 | 35.9 | 32.8 | 31.5 | 30.0 | 23 |
| 55.7  | 53.1  | 50.4  | 48.5  | 49.4  | 46.0  | 47.7  | 43.4  | 41.8  | 40.2  | 37.2 | 35.1 | 32.0              | 35.1 | 32.1 | 31.4 | 30.2 | 29.6 | 26.5 | 24 |
| 52.5  | 50.6  | 47.2  | 47.6  | 47.2  | 44.7  | 44.4  | 40.8  | 38.8  | 35.8  | 33.3 | 34.5 | 29.6              | 31.2 | 31.8 | 31.5 | 28.7 | 28.9 | 27.0 | 25 |
| 53.9  | 49.0  | 47.9  | 48.3  | 50.6  | 47.1  | 48.2  | 44.2  | 40.5  | 38.8  | 36.7 | 36.5 | 33.5              | 34.1 | 33.5 | 30.1 | 30.4 | 29.7 | 26.7 | 26 |
| 58.6  | 62.8  | 57.2  | 55.4  | 63.1  | 56.9  | 57.9  | 56.5  | 51.5  | 45.1  | 46.9 | 46.5 | 39.0              | 40.1 | 37.5 | 37.7 | 33.4 | 32.5 | 30.3 | 27 |
| 61.7  | 58.8  | 55.5  | 60.0  | 57.3  | 59.4  | 49.7  | 52.4  | 49.8  | 49.0  | 45.1 | 37.8 | 36.5              | 35.4 | 36.3 | 30.4 | 34.2 | 30.9 | 29.4 | 28 |
| 49.4  | 48.8  | 43.4  | 49.3  | 45.5  | 41.2  | 44.1  | 42.1  | 36.4  | 36.5  | 35.7 | 34.4 | 33.4              | 35.6 | 32.9 | 28.6 | 30.2 | 28.0 | 27.5 | 30 |
| 52.6  | 47.9  | 48.1  | 53.5  | 48.5  | 50.3  | 51.8  | 44.4  | 45.0  | 39.4  | 38.1 | 37.6 | 35.5              | 33.9 | 33.5 | 33.0 | 30.4 | 28.8 | 27.0 | 31 |
| 78.5  | 81.7  | 67.1  | 60.4  | 61.4  | 66.4  | 64.5  | 63.8  | 52.8  | 44.0  | 48.9 | 43.0 | 47.0              | 46.1 | 47.9 | 37.8 | 29.0 | 29.8 | 28.2 | 32 |
| 75.3  | 80.5  | 69.0  | 65.8  | 70.4  | 62.0  | 69.1  | 61.5  | 55.7  | 50.3  | 49.6 | 52.6 | 43.9              | 44.8 | 42.9 | 39.9 | 34.4 | 32.2 | 29.8 | 33 |
| 70.8  | 67.0  | 72.9  | 67.2  | 65.3  | 59.4  | 72.4  | 60.8  | 48.1  | 47.7  | 47.0 | 50.8 | 50.8              | 41.0 | 39.3 | 40.3 | 35.5 | 30.9 | 23.9 | 34 |
| 77.3  | 76.3  | 67.2  | 68.5  | 72.6  | 69.6  | 73.8  | 69.7  | 66.2  | 60.9  | 59.3 | 66.9 | 52.5              | 48.5 | 48.3 | 48.6 | 39.8 | 36.9 | 39.4 | 35 |
| 81.0  | 77.2  | 75.0  | 69.2  | 67.4  | 60.6  | 71.2  | 61.8  | 62.3  | 54.7  | 53.9 | 61.1 | 53.0              | 52.7 | 52.4 | 52.7 | 41.0 | 38.0 | 40.7 | 36 |
| 78.6  | 72.9  | 66.5  | 66.0  | 71.9  | 68.8  | 68.9  | 65.5  | 68.6  | 59.2  | 57.4 | 59.8 | 48.3              | 46.6 | 45.1 | 45.0 | 37.3 | 34.8 | 35.2 | 37 |
| 88.7  | 81.0  | 77.2  | 78.2  | 85.0  | 79.3  | 80.8  | 75.6  | 80.3  | 66.2  | 68.1 | 75.0 | 58.7              | 55.1 | 54.8 | 49.8 | 41.4 | 39.5 | 40.0 | 38 |
| 77.4  | 68.3  | 64.4  | 66.7  | 78.9  | 68.3  | 70.0  | 61.7  | 67.7  | 58.4  | 57.9 | 58.2 | 49.3              | 46.4 | 44.9 | 42.3 | 35.5 | 34.3 | 34.3 | 39 |
| 64.2  | 63.9  | 61.1  | 62.9  | 68.2  | 61.9  | 59.4  | 59.8  | 57.9  | 56.4  | 53.6 | 52.6 | 47.7              | 45.0 | 42.8 | 41.1 | 38.3 | 36.9 | 34.3 | 40 |
| 65.4  | 65.0  | 63.3  | 58.1  | 64.9  | 58.7  | 66.8  | 59.1  | 61.3  | 52.6  | 52.8 | 58.8 | 48.4              | 49.7 | 46.8 | 46.9 | 39.5 | 37.0 | 39.2 | 41 |
| 75.7  | 67.6  | 67.6  | 69.3  | 73.7  | 64.0  | 68.5  | 61.1  | 63.5  | 53.9  | 54.7 | 55.3 | 46.4              | 45.1 | 46.1 | 48.1 | 39.5 | 37.0 | 38.5 | 42 |
| 72.1  | 61.4  | 60.9  | 65.1  | 67.8  | 62.8  | 66.8  | 62.4  | 60.8  | 59.9  | 61.4 | 59.5 | 50.1              | 44.9 | 45.3 | 43.8 | 37.8 | 37.4 | 38.0 | 43 |
| 67.7  | 55.9  | 53.6  | 63.6  | 64.8  | 53.9  | 58.2  | 58.9  | 58.7  | 56.2  | 54.3 | 54.7 | 47.3              | 46.7 | 43.6 | 40.3 | 36.7 | 36.2 | 37.0 | 44 |
| 51.5  | 49.0  | 45.3  | 54.4  | 54.1  | 47.1  | 50.9  | 54.5  | 51.4  | 46.0  | 45.7 | 44.0 | 39.7              | 35.8 | 35.2 | 30.8 | 27.0 | 28.8 | 27.6 | 45 |
| 78.2  | 65.9  | 64.8  | 70.1  | 69.1  | 69.4  | 71.9  | 65.6  | 67.1  | 63.0  | 64.2 | 57.8 | 48.2              | 44.9 | 46.2 | 43.4 | 37.4 | 37.4 | 39.3 | 46 |
| 60.7  | 51.5  | 50.0  | 56.4  | 60.5  | 54.6  | 60.0  | 56.6  | 49.0  | 49.7  | 49.7 | 47.5 | 41.4              | 41.7 | 40.2 | 39.3 | 32.6 | 32.0 | 33.9 | 47 |
|       |       |       | 75.5  | 71.9  | 71.7  | 71.2  | 73.9  | 65.1  | 67.0  | 68.6 | 56.9 | 53.6              | 51.7 | 50.9 | 49.3 | 42.0 | 41.3 | 46.4 | 48 |
| 58.5  | 60.5  | 51.4  | 51.5  | 53.5  | 60.0  | 57.0  | 50.5  | 45.5  | 49.0  | 46.2 | 37.2 | 33.7              | 39.0 | 36.1 | 34.4 | 35.0 | 32.4 | 31.0 | 49 |
| 57.1  | 55.9  | 43.4  | 47.2  | 50.3  | 51.0  | 51.4  | 43.7  | 44.6  | 45.9  | 42.3 | 34.5 | 36.2              | 31.3 | 33.0 | 33.8 | 32.3 | 28.8 | 29.6 | 50 |
| 69.3  | 66.8  | 57.0  | 54.7  | 53.0  | 51.1  | 57.6  | 55.6  | 51.8  | 45.5  | 46.3 | 43.8 | 45.1              | 37.4 | 39.0 | 40.6 | 33.2 | 33.9 | 36.9 | 51 |
| 94.3  | 81.0  | 71.5  | 68.9  | 72.7  | 72.7  | 74.1  | 73.5  | 60.2  | 54.8  | 59.8 | 52.2 | 49.7              | 49.9 | 49.8 | 49.4 | 40.2 | 37.2 | 39.3 | 52 |
| 145.4 | 134.4 | 119.4 | 136.1 | 126.3 | 129.3 | 121.8 | 123.7 | 109.7 | 109.0 | 99.6 | 95.4 | 97.9              | 89.3 | 85.2 | 95.7 | 76.3 | 65.5 | 68.3 | 53 |
| 116.6 | 109.6 | 95.9  | 111.4 | 103.5 | 111.7 | 119.6 | 120.7 | 99.8  | 94.3  | 84.3 | 88.3 | 80.1              | 69.4 | 63.2 | 64.4 | 41.5 | 50.6 | 55.9 | 54 |
| 57.4  | 51.4  | 44.2  | 47.6  | 49.2  | 49.3  | 52.7  | 41.4  | 46.9  | 39.5  | 40.6 | 29.9 | 33.0              | 31.2 | 33.6 | 31.3 | 27.2 | 25.5 | 27.9 | 55 |
| 66.3  | 74.4  | 69.8  | 73.2  | 59.3  | 71.0  | 69.8  | 40.2  | 47.7  | 44.8  | 51.9 | 42.2 | 57.2              | 49.8 | 44.6 | 40.9 | 40.1 | 32.9 | 38.9 | 56 |
| 48.7  | 48.3  | 45.2  | 38.8  | 43.2  | 45.2  | 45.4  | 39.9  | 38.7  | 36.8  | 35.7 | 35.0 | 33.1              | 34.9 | 34.1 | 33.9 | 33.0 | 27.7 | 27.1 | 57 |
| 50.0  | 43.7  | 41.3  | 40.3  | 39.8  | 41.2  | 44.3  | 41.5  | 39.2  | 35.5  | 32.9 | 30.7 | 30.5              | 29.9 | 30.4 | 29.8 | 27.5 | 25.0 | 25.8 | 58 |
| 58.7  | 56.7  | 52.7  | 53.7  | 51.7  | 49.6  | 53.1  | 53.8  | 43.7  | 42.4  | 39.4 | 36.7 | 34.8              | 34.7 | 34.7 | 32.6 | 30.7 | 29.4 | 28.5 | 59 |

## VITAL STATISTICS OF THE UNITED STATES

TABLE IV.—STILLBIRTH RATIOS BY PLACE OF OCCURRENCE:

(Includes all reported stillbirths, regardless of stated period of gestation. Ratios per 1,000 live births. For each State, ratios are shown from 1922 or from the  
became a part

|    | AREA   | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 |
|----|--|------|------|------|------|------|------|------|------|------|------|------|------|
| 1  | UNITED STATES (birth-registration States)----- | 39.4 | 38.9 | 39.3 | 39.1 | 38.1 | 38.8 | 40.2 | 39.5 | 39.2 | 38.2 | 37.8 | 37.0 |
|    | GEOGRAPHIC DIVISIONS                           |      |      |      |      |      |      |      |      |      |      |      |      |
| 2  | New England-----                               | 37.4 | 37.7 | 37.2 | 36.7 | 36.5 | 36.0 | 35.0 | 33.8 | 33.9 | 33.3 | 33.2 | 32.7 |
| 3  | Middle Atlantic-----                           | 40.9 | 41.1 | 41.0 | 39.7 | 40.2 | 39.5 | 40.5 | 38.7 | 38.6 | 39.0 | 38.7 | 38.9 |
| 4  | East North Central-----                        | 36.7 | 36.4 | 36.1 | 35.3 | 35.5 | 35.0 | 35.2 | 34.7 | 34.0 | 33.2 | 31.7 | 31.0 |
| 5  | West North Central-----                        |      |      |      |      |      |      |      |      |      |      | 31.8 | 29.7 |
| 6  | South Atlantic-----                            |      |      |      |      |      |      | 53.9 | 53.7 | 54.2 | 51.5 | 51.8 | 49.4 |
| 7  | East South Central-----                        |      |      |      |      |      | 45.7 | 45.6 | 45.8 | 46.2 | 43.0 | 42.4 | 43.5 |
| 8  | West South Central-----                        |      |      |      |      |      |      |      |      |      |      |      | 58.1 |
| 9  | Mountain-----                                  |      |      |      |      |      |      |      | 28.4 | 27.9 | 27.8 | 28.1 | 27.2 |
| 10 | Pacific-----                                   | 30.6 | 29.9 | 29.7 | 28.5 | 29.2 | 27.6 | 28.3 | 28.4 | 27.9 | 28.1 | 26.6 | 25.7 |
|    | NEW ENGLAND                                    |      |      |      |      |      |      |      |      |      |      |      |      |
| 11 | Maine-----                                     | 44.9 | 42.5 | 40.4 | 39.6 | 40.7 | 39.2 | 40.2 | 38.9 | 35.7 | 36.6 | 33.9 | 37.0 |
| 12 | New Hampshire-----                             | 41.9 | 45.9 | 41.4 | 41.4 | 40.2 | 42.9 | 38.6 | 37.5 | 41.7 | 40.2 | 38.4 | 36.3 |
| 13 | Vermont-----                                   | 29.6 | 31.7 | 33.3 | 30.1 | 31.8 | 31.0 | 29.5 | 29.3 | 28.1 | 27.9 | 30.5 | 31.3 |
| 14 | Massachusetts-----                             | 36.5 | 37.3 | 37.9 | 36.2 | 35.6 | 35.8 | 35.4 | 33.8 | 34.9 | 34.8 | 34.0 | 33.9 |
| 15 | Rhode Island-----                              | 37.8 | 34.1 | 33.2 | 34.7 | 36.3 | 34.6 | 35.6 | 34.5 | 33.9 | 32.3 | 34.2 | 28.1 |
| 16 | Connecticut-----                               | 35.7 | 37.0 | 34.6 | 37.6 | 36.6 | 34.4 | 31.8 | 30.6 | 29.1 | 27.1 | 28.9 | 27.6 |
|    | MIDDLE ATLANTIC                                |      |      |      |      |      |      |      |      |      |      |      |      |
| 17 | New York-----                                  | 42.5 | 42.7 | 43.7 | 41.9 | 42.4 | 41.3 | 42.8 | 40.9 | 40.9 | 41.5 | 41.6 | 42.7 |
| 18 | New Jersey-----                                | 40.6 | 42.5 | 40.8 | 39.9 | 40.8 | 41.4 | 40.1 | 39.7 | 38.0 | 39.3 | 37.4 | 36.2 |
| 19 | Pennsylvania-----                              | 39.2 | 38.9 | 38.4 | 37.3 | 37.7 | 36.8 | 38.0 | 36.0 | 36.2 | 35.9 | 35.7 | 35.3 |
|    | EAST NORTH CENTRAL                             |      |      |      |      |      |      |      |      |      |      |      |      |
| 20 | Ohio-----                                      | 39.4 | 38.9 | 37.9 | 37.8 | 37.7 | 37.5 | 37.0 | 37.2 | 36.0 | 34.7 | 33.9 | 32.8 |
| 21 | Indiana-----                                   | 30.7 | 31.0 | 31.8 | 31.4 | 30.6 | 31.1 | 31.1 | 29.4 | 29.6 | 29.1 | 28.6 | 26.9 |
| 22 | Illinois-----                                  | 36.0 | 39.1 | 38.6 | 36.1 | 36.4 | 35.1 | 36.1 | 34.6 | 33.6 | 34.3 | 30.9 | 29.8 |
| 23 | Michigan-----                                  | 44.1 | 39.1 | 37.7 | 37.0 | 38.3 | 38.3 | 37.8 | 37.8 | 36.9 | 35.5 | 34.7 | 34.4 |
| 24 | Wisconsin-----                                 | 27.3 | 26.7 | 28.3 | 29.7 | 28.9 | 28.3 | 29.2 | 29.9 | 29.9 | 26.3 | 27.4 | 28.7 |
|    | WEST NORTH CENTRAL                             |      |      |      |      |      |      |      |      |      |      |      |      |
| 25 | Minnesota-----                                 | 30.1 | 30.6 | 30.7 | 30.3 | 31.5 | 29.7 | 29.5 | 29.5 | 29.2 | 29.9 | 28.7 | 27.2 |
| 26 | Iowa-----                                      |      |      | 33.7 | 32.6 | 27.6 | 28.7 | 26.6 | 30.6 | 31.4 | 31.8 | 31.6 | 29.3 |
| 27 | Missouri-----                                  |      |      |      |      |      | 45.6 | 44.7 | 43.8 | 43.1 | 41.9 | 41.3 | 37.9 |
| 28 | North Dakota-----                              |      |      | 29.9 | 25.5 | 27.2 | 29.0 | 28.8 | 28.5 | 27.8 | 28.2 | 25.8 | 27.9 |
| 29 | South Dakota-----                              |      |      |      |      |      |      |      |      |      |      | 23.6 | 22.2 |
| 30 | Nebraska-----                                  | 30.7 | 30.2 | 30.1 | 30.6 | 32.7 | 31.9 | 31.7 | 30.1 | 27.7 | 28.8 | 27.5 | 26.5 |
| 31 | Kansas-----                                    | 35.0 | 32.4 | 29.2 | 32.4 | 33.4 | 32.2 | 32.9 | 33.7 | 31.1 | 29.0 | 28.2 | 26.2 |
|    | SOUTH ATLANTIC                                 |      |      |      |      |      |      |      |      |      |      |      |      |
| 32 | Delaware-----                                  | 39.3 | 36.1 | 43.7 | 40.0 | 44.8 | 39.0 | 34.1 | 41.8 | 43.4 | 41.1 | 33.8 | 39.0 |
| 33 | Maryland-----                                  | 72.2 | 68.7 | 70.5 | 67.6 | 68.4 | 72.1 | 69.7 | 71.9 | 69.2 | 66.4 | 64.4 | 64.6 |
| 34 | District of Columbia-----                      | 54.5 | 52.0 | 48.7 | 48.8 | 49.8 | 49.5 | 48.6 | 47.8 | 49.7 | 46.0 | 43.0 | 43.5 |
| 35 | Virginia-----                                  | 44.3 | 44.3 | 46.2 | 42.8 | 44.1 | 43.0 | 44.2 | 44.4 | 45.2 | 44.8 | 44.4 | 42.9 |
| 36 | West Virginia-----                             |      |      |      | 38.4 | 38.1 | 38.2 | 38.5 | 39.0 | 37.2 | 38.8 | 36.9 | 37.3 |
| 37 | North Carolina-----                            | 42.2 | 40.9 | 43.0 | 46.4 | 44.9 | 42.8 | 48.4 | 47.1 | 46.8 | 45.3 | 46.7 | 41.4 |
| 38 | South Carolina-----                            | 62.4 | 58.4 | 63.6 |      |      |      | 67.6 | 67.2 | 65.6 | 62.0 | 63.9 | 58.9 |
| 39 | Georgia-----                                   |      |      |      |      |      |      | 58.5 | 60.0 | 62.5 | 59.6 | 60.4 | 57.4 |
| 40 | Florida-----                                   |      |      | 69.8 | 69.4 | 65.7 | 66.6 | 67.5 | 63.4 | 64.9 | 56.3 | 56.6 | 56.6 |
|    | EAST SOUTH CENTRAL                             |      |      |      |      |      |      |      |      |      |      |      |      |
| 41 | Kentucky-----                                  | 35.7 | 31.5 | 33.3 | 33.2 | 31.5 | 32.7 | 31.1 | 32.1 | 34.1 | 35.5 | 33.8 | 35.9 |
| 42 | Tennessee-----                                 |      |      |      |      |      | 40.8 | 42.8 | 44.1 | 49.9 | 42.1 | 39.9 | 42.7 |
| 43 | Alabama-----                                   |      |      |      |      |      | 49.2 | 52.0 | 53.0 | 52.7 | 48.9 | 49.1 | 47.4 |
| 44 | Mississippi-----                               | 54.4 | 53.7 | 52.7 | 53.8 | 51.8 | 53.2 | 57.7 | 54.5 | 48.6 | 45.6 | 47.3 | 48.5 |
|    | WEST SOUTH CENTRAL                             |      |      |      |      |      |      |      |      |      |      |      |      |
| 45 | Arkansas-----                                  |      |      |      |      |      | 46.0 | 45.9 | 43.3 | 43.2 | 38.9 | 39.8 | 38.9 |
| 46 | Louisiana-----                                 |      |      |      |      |      | 55.9 | 58.4 | 53.4 | 52.3 | 49.5 | 50.5 | 50.2 |
| 47 | Oklahoma-----                                  |      |      |      |      |      |      | 30.8 | 33.8 | 30.2 | 24.4 | 25.7 | 25.8 |
| 48 | Texas-----                                     |      |      |      |      |      |      |      |      |      |      |      | 38.4 |
|    | MOUNTAIN                                       |      |      |      |      |      |      |      |      |      |      |      |      |
| 49 | Montana-----                                   | 30.2 | 29.3 | 30.7 | 33.5 | 31.8 | 32.0 | 34.2 | 28.9 | 28.7 | 32.1 | 27.9 | 26.2 |
| 50 | Idaho-----                                     |      |      |      |      | 26.3 | 24.0 | 25.5 | 26.3 | 22.2 | 19.8 | 27.0 | 23.6 |
| 51 | Wyoming-----                                   | 34.7 | 33.3 | 34.4 | 30.2 | 31.2 | 29.3 | 28.5 | 22.6 | 30.0 | 26.0 | 26.4 | 20.0 |
| 52 | Colorado-----                                  |      |      |      |      |      |      | 30.2 | 35.2 | 31.7 | 30.8 | 31.7 | 31.8 |
| 53 | New Mexico-----                                |      |      |      |      |      |      |      | 26.0 | 30.5 | 27.9 | 31.4 | 29.3 |
| 54 | Arizona-----                                   |      |      |      |      | 29.2 | 30.1 | 27.6 | 29.6 | 28.8 | 31.1 | 25.3 | 30.5 |
| 55 | Utah-----                                      | 25.5 | 23.4 | 23.3 | 24.8 | 23.5 | 23.6 | 23.3 | 22.5 | 21.9 | 23.0 | 20.6 | 21.4 |
| 56 | Nevada-----                                    |      |      |      |      |      |      |      | 32.8 | 28.5 | 33.5 | 47.6 | 31.0 |
|    | PACIFIC  |      |      |      |      |      |      |      |      |      |      |      |      |
| 57 | Washington-----                                | 28.8 | 26.9 | 28.0 | 27.0 | 30.0 | 27.9 | 27.7 | 25.2 | 26.1 | 26.8 | 24.8 | 21.4 |
| 58 | Oregon-----                                    | 31.3 | 32.4 | 31.6 | 30.5 | 31.9 | 30.4 | 28.8 | 31.2 | 28.5 | 27.2 | 25.1 | 26.6 |
| 59 | California-----                                | 31.1 | 30.4 | 29.9 | 28.6 | 28.5 | 27.0 | 28.4 | 28.9 | 28.3 | 28.6 | 27.3 | 26.8 |

NOTE.—In table VIII and text tables in Part I, and tables 11 through 16 in Part II, 1948, where specified, figures include only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

# SUMMARY AND RATE TABLES

## UNITED STATES, EACH DIVISION AND STATE, 1922-48

year of its admission to the birth-registration area; for each geographic division, ratios are shown from 1922 or from the year when the division, as a whole, of the area)

| 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 |    |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|
| 36.2 | 35.8 | 34.4 | 33.4 | 32.1 | 32.0 | 31.3 | 29.9 | 28.2 | 26.7 | 27.0 | 26.6 | 25.6 | 23.7 | 23.5 | 1  |
| 30.9 | 30.0 | 28.9 | 28.4 | 27.3 | 26.6 | 25.8 | 23.7 | 23.3 | 21.6 | 21.5 | 20.9 | 20.3 | 17.9 | 17.9 | 2  |
| 38.1 | 36.0 | 35.5 | 34.6 | 33.8 | 32.9 | 32.2 | 30.5 | 29.3 | 27.3 | 26.6 | 26.2 | 25.5 | 23.9 | 23.6 | 3  |
| 30.0 | 29.4 | 27.8 | 27.1 | 25.9 | 25.3 | 25.0 | 23.7 | 22.9 | 22.8 | 23.1 | 22.4 | 21.5 | 19.6 | 18.2 | 4  |
| 29.6 | 30.0 | 28.1 | 28.9 | 26.9 | 25.0 | 25.0 | 24.3 | 24.3 | 23.5 | 21.4 | 21.1 | 20.2 | 18.0 | 17.8 | 5  |
| 49.1 | 49.4 | 47.3 | 46.2 | 43.9 | 41.3 | 39.7 | 37.5 | 35.3 | 32.4 | 31.2 | 29.6 | 28.3 | 26.2 | 25.4 | 6  |
| 42.1 | 42.4 | 41.7 | 41.0 | 39.4 | 38.8 | 37.1 | 34.4 | 30.8 | 29.3 | 27.7 | 27.4 | 25.8 | 25.2 | 24.3 | 7  |
| 37.3 | 36.4 | 36.6 | 35.3 | 33.8 | 34.1 | 31.0 | 29.9 | 26.2 | 26.6 | 25.8 | 25.5 | 24.0 | 22.8 | 22.2 | 8  |
| 26.6 | 25.4 | 25.9 | 23.9 | 23.7 | 23.1 | 22.7 | 22.0 | 21.1 | 20.4 | 20.2 | 20.4 | 20.4 | 18.4 | 16.9 | 9  |
| 23.8 | 23.6 | 22.7 | 21.9 | 20.6 | 20.3 | 19.3 | 18.8 | 18.1 | 17.2 | 18.1 | 18.2 | 18.2 | 16.3 | 15.7 | 10 |
| 35.3 | 33.6 | 30.8 | 32.9 | 34.5 | 30.4 | 29.4 | 26.6 | 25.1 | 17.2 | 15.7 | 17.9 | 16.9 | 16.8 | 16.9 | 11 |
| 30.8 | 34.1 | 29.7 | 31.3 | 31.3 | 27.6 | 24.8 | 25.6 | 26.9 | 17.1 | 25.2 | 22.6 | 20.8 | 20.8 | 19.3 | 12 |
| 32.9 | 28.7 | 28.4 | 30.4 | 26.7 | 27.5 | 25.8 | 20.4 | 23.2 | 26.6 | 24.4 | 20.8 | 22.4 | 18.7 | 18.6 | 13 |
| 30.9 | 30.2 | 29.5 | 28.1 | 27.1 | 27.5 | 26.8 | 24.6 | 24.6 | 23.4 | 23.2 | 22.9 | 22.4 | 19.3 | 19.4 | 14 |
| 28.9 | 28.7 | 28.6 | 31.3 | 27.1 | 25.4 | 28.3 | 25.7 | 22.1 | 23.4 | 22.9 | 20.0 | 19.3 | 16.5 | 16.6 | 15 |
| 28.1 | 26.4 | 25.3 | 23.2 | 22.1 | 21.9 | 20.2 | 19.1 | 19.2 | 19.2 | 18.5 | 17.5 | 15.9 | 14.9 | 14.8 | 16 |
| 41.2 | 39.7 | 39.6 | 38.0 | 38.3 | 47.8 | 51.9 | 53.3 | 51.4 | 49.7 | 53.8 | 54.6 | 54.7 | 50.9 | 55.4 | 17 |
| 36.2 | 34.1 | 33.5 | 30.9 | 29.8 | 28.1 | 26.1 | 25.9 | 24.9 | 24.5 | 23.8 | 24.8 | 22.5 | 22.2 | 20.7 | 18 |
| 35.1 | 32.3 | 31.6 | 31.8 | 29.9 | 29.7 | 28.6 | 25.3 | 24.6 | 22.8 | 25.1 | 24.6 | 22.5 | 21.0 | 21.0 | 19 |
| 32.7 | 31.9 | 29.8 | 28.8 | 27.5 | 27.0 | 25.9 | 24.8 | 25.2 | 23.7 | 25.2 | 24.7 | 24.2 | 21.1 | 20.9 | 20 |
| 26.7 | 27.0 | 23.8 | 24.0 | 21.4 | 22.1 | 23.0 | 20.8 | 20.4 | 20.5 | 20.7 | 19.8 | 19.0 | 17.6 | 16.6 | 21 |
| 30.2 | 29.6 | 27.6 | 26.5 | 26.2 | 25.3 | 25.6 | 23.7 | 21.9 | 21.9 | 22.1 | 21.7 | 20.9 | 18.9 | 18.0 | 22 |
| 31.3 | 31.1 | 30.0 | 29.6 | 28.3 | 27.1 | 26.0 | 26.0 | 24.7 | 25.4 | 25.0 | 24.1 | 22.7 | 21.1 | 20.1 | 23 |
| 25.4 | 23.8 | 24.3 | 23.8 | 23.0 | 21.9 | 22.0 | 19.9 | 19.1 | 20.3 | 20.2 | 18.9 | 17.6 | 17.3 | 16.9 | 24 |
| 28.2 | 27.5 | 26.2 | 24.6 | 24.9 | 24.3 | 21.5 | 22.0 | 22.0 | 20.3 | 19.3 | 21.1 | 20.0 | 17.3 | 17.8 | 25 |
| 26.9 | 26.9 | 27.1 | 25.6 | 25.4 | 23.5 | 22.5 | 21.5 | 20.5 | 20.3 | 19.9 | 19.5 | 18.5 | 15.8 | 15.2 | 26 |
| 38.4 | 36.5 | 36.0 | 34.7 | 35.0 | 31.3 | 32.4 | 32.4 | 30.6 | 26.0 | 26.3 | 24.6 | 24.7 | 22.0 | 22.0 | 27 |
| 24.0 | 25.6 | 27.0 | 24.0 | 21.2 | 22.9 | 22.2 | 19.7 | 17.1 | 18.6 | 21.1 | 19.1 | 18.1 | 16.8 | 14.4 | 28 |
| 25.4 | 26.6 | 20.7 | 20.6 | 22.2 | 20.4 | 18.8 | 17.4 | 19.0 | 16.3 | 18.0 | 16.7 | 15.8 | 15.9 | 13.8 | 29 |
| 25.5 | 27.6 | 22.2 | 23.2 | 22.9 | 20.2 | 23.1 | 21.2 | 21.9 | 19.9 | 20.4 | 18.7 | 18.6 | 17.2 | 17.1 | 30 |
| 26.5 | 27.3 | 26.2 | 23.7 | 23.5 | 22.4 | 24.7 | 21.6 | 20.7 | 18.8 | 19.1 | 19.4 | 17.4 | 16.2 | 16.4 | 31 |
| 35.9 | 36.7 | 36.5 | 32.8 | 30.2 | 28.5 | 23.9 | 27.7 | 23.7 | 29.2 | 25.7 | 25.2 | 21.5 | 19.7 | 22.4 | 32 |
| 37.9 | 35.7 | 48.6 | 47.1 | 43.6 | 45.0 | 43.6 | 38.2 | 37.5 | 34.8 | 33.9 | 31.1 | 27.4 | 25.5 | 23.9 | 33 |
| 37.9 | 36.9 | 34.0 | 34.1 | 34.1 | 28.7 | 25.7 | 28.9 | 26.4 | 25.6 | 25.9 | 22.6 | 33.2 | 21.2 | 20.8 | 34 |
| 43.3 | 42.4 | 43.6 | 41.8 | 40.0 | 38.9 | 36.8 | 37.3 | 34.1 | 32.3 | 31.3 | 31.2 | 28.6 | 27.0 | 28.8 | 35 |
| 39.4 | 39.4 | 37.3 | 39.2 | 39.5 | 36.2 | 35.4 | 32.6 | 34.8 | 35.4 | 33.9 | 32.4 | 24.7 | 25.7 | 25.7 | 36 |
| 41.4 | 41.3 | 40.9 | 39.7 | 38.5 | 36.3 | 34.4 | 31.2 | 31.1 | 26.6 | 26.3 | 25.3 | 23.7 | 24.6 | 24.5 | 37 |
| 58.4 | 60.9 | 58.2 | 55.1 | 50.6 | 45.7 | 47.1 | 44.8 | 41.1 | 37.3 | 35.1 | 34.2 | 32.2 | 31.9 | 28.1 | 38 |
| 59.3 | 61.3 | 59.2 | 57.3 | 52.8 | 50.0 | 47.6 | 43.0 | 38.7 | 34.4 | 33.1 | 29.8 | 27.4 | 26.1 | 26.5 | 39 |
| 58.7 | 56.1 | 49.4 | 51.3 | 49.3 | 45.5 | 42.2 | 43.2 | 38.0 | 34.2 | 31.7 | 30.4 | 30.6 | 27.7 | 24.4 | 40 |
| 38.6 | 33.2 | 36.4 | 34.5 | 32.5 | 33.0 | 32.0 | 30.0 | 26.5 | 24.6 | 23.7 | 23.7 | 20.7 | 21.1 | 19.0 | 41 |
| 38.9 | 40.5 | 38.9 | 38.5 | 36.4 | 31.7 | 29.1 | 26.2 | 22.8 | 22.9 | 22.8 | 23.8 | 23.5 | 22.1 | 21.6 | 42 |
| 49.7 | 48.2 | 44.2 | 42.5 | 41.8 | 40.5 | 39.9 | 37.3 | 33.4 | 30.3 | 30.2 | 28.3 | 28.3 | 28.3 | 27.1 | 43 |
| 46.4 | 47.8 | 47.5 | 46.6 | 47.5 | 51.1 | 48.2 | 45.1 | 42.2 | 36.3 | 34.9 | 34.6 | 31.1 | 30.3 | 30.5 | 44 |
| 35.7 | 37.8 | 36.0 | 36.0 | 33.5 | 35.3 | 27.0 | 26.7 | 28.2 | 22.9 | 20.5 | 20.7 | 19.3 | 17.5 | 19.3 | 45 |
| 48.2 | 49.4 | 47.4 | 45.5 | 42.5 | 43.2 | 38.0 | 37.2 | 32.0 | 30.3 | 28.9 | 29.2 | 27.3 | 27.0 | 25.8 | 46 |
| 27.5 | 29.0 | 28.3 | 27.3 | 27.1 | 25.9 | 25.2 | 23.1 | 19.7 | 20.3 | 21.3 | 23.5 | 21.2 | 20.3 | 18.7 | 47 |
| 37.8 | 36.1 | 35.0 | 33.9 | 32.7 | 33.0 | 31.5 | 30.2 | 25.3 | 28.1 | 27.3 | 25.9 | 24.8 | 23.2 | 22.5 | 48 |
| 24.5 | 23.1 | 21.8 | 22.6 | 23.4 | 19.5 | 18.8 | 19.8 | 17.8 | 17.9 | 16.6 | 16.3 | 17.0 | 15.9 | 15.6 | 49 |
| 22.5 | 22.9 | 24.7 | 23.3 | 20.3 | 21.6 | 21.5 | 17.5 | 20.4 | 19.0 | 21.3 | 18.8 | 19.4 | 16.4 | 14.5 | 50 |
| 19.5 | 19.7 | 14.3 | 21.2 | 18.6 | 17.6 | 20.0 | 21.4 | 19.3 | 20.7 | 17.9 | 16.8 | 17.0 | 19.3 | 17.3 | 51 |
| 32.0 | 28.6 | 30.3 | 26.7 | 25.0 | 26.4 | 24.0 | 24.4 | 23.9 | 21.9 | 21.9 | 21.7 | 22.6 | 19.4 | 17.0 | 52 |
| 32.7 | 26.7 | 31.5 | 24.1 | 26.3 | 28.1 | 28.3 | 23.4 | 25.6 | 23.1 | 23.8 | 21.3 | 21.3 | 22.2 | 20.2 | 53 |
| 27.3 | 27.9 | 29.0 | 25.3 | 27.3 | 23.2 | 24.8 | 24.8 | 21.2 | 23.0 | 23.6 | 22.7 | 21.2 | 19.5 | 17.7 | 54 |
| 19.1 | 21.6 | 20.3 | 20.6 | 21.2 | 21.4 | 18.7 | 19.5 | 17.9 | 15.8 | 15.8 | 17.4 | 16.5 | 14.3 | 14.4 | 55 |
| 32.1 | 21.8 | 21.8 | 24.1 | 22.2 | 18.6 | 18.9 | 24.3 | 22.2 | 19.0 | 20.6 | 24.4 | 21.6 | 22.2 | 20.8 | 56 |
| 23.1 | 21.3 | 20.0 | 20.1 | 16.9 | 17.5 | 16.7 | 14.7 | 15.5 | 12.9 | 14.0 | 15.5 | 17.4 | 15.6 | 13.9 | 57 |
| 23.9 | 22.4 | 21.3 | 21.9 | 21.5 | 19.3 | 21.1 | 18.4 | 17.1 | 16.5 | 18.9 | 17.2 | 17.6 | 15.6 | 15.0 | 58 |
| 24.0 | 24.4 | 23.7 | 22.4 | 21.5 | 21.1 | 19.6 | 19.9 | 18.9 | 18.5 | 19.1 | 19.0 | 18.5 | 16.5 | 16.2 | 59 |

## VITAL STATISTICS OF THE UNITED STATES

TABLE V.—CRUDE BIRTH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-48

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| AREA                      | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 <sup>1</sup> | 1941 <sup>1</sup> | 1942 <sup>1</sup> | 1943 <sup>1</sup> | 1944 <sup>1</sup> | 1945 <sup>1</sup> | 1946 <sup>1</sup> | 1947 <sup>2</sup> | 1948 <sup>2</sup> |
|---------------------------|------|------|------|------|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| UNITED STATES-----        | 16.9 | 16.7 | 17.1 | 17.6 | 17.3 | 17.9              | 18.9              | 20.9              | 21.5              | 20.2              | 19.6              | 25.3              | 25.8              | 24.2              |
| GEOGRAPHIC DIVISIONS      |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| New England-----          | 15.0 | 14.7 | 14.7 | 14.8 | 15.0 | 15.7              | 17.0              | 20.3              | 21.9              | 20.0              | 19.4              | 21.8              | 23.9              | 21.9              |
| Middle Atlantic-----      | 14.8 | 14.6 | 14.7 | 15.0 | 14.7 | 15.3              | 16.6              | 19.4              | 20.4              | 18.8              | 18.8              | 21.1              | 23.1              | 21.3              |
| East North Central-----   | 15.7 | 15.8 | 16.3 | 17.1 | 16.4 | 17.1              | 18.5              | 21.2              | 21.8              | 20.5              | 19.8              | 22.9              | 25.1              | 23.6              |
| West North Central-----   | 16.6 | 16.8 | 16.6 | 17.0 | 16.9 | 17.4              | 18.2              | 19.9              | 21.0              | 20.7              | 20.0              | 22.5              | 24.6              | 23.6              |
| South Atlantic-----       | 20.5 | 19.9 | 20.5 | 20.6 | 20.4 | 20.8              | 22.0              | 23.7              | 26.3              | 25.7              | 24.9              | 26.6              | 28.7              | 27.2              |
| East South Central-----   | 21.4 | 20.8 | 21.2 | 21.9 | 21.2 | 21.8              | 22.5              | 24.6              | 26.8              | 26.4              | 25.2              | 27.7              | 29.7              | 28.1              |
| West South Central-----   | 18.7 | 18.2 | 18.7 | 19.6 | 19.2 | 20.1              | 21.7              | 22.9              | 25.4              | 25.8              | 24.1              | 25.7              | 27.2              | 26.0              |
| Mountain-----             | 20.5 | 20.5 | 21.0 | 21.8 | 21.4 | 21.8              | 21.8              | 23.2              | 25.6              | 26.0              | 25.5              | 28.0              | 31.1              | 28.9              |
| Pacific-----              | 13.2 | 13.6 | 14.6 | 15.4 | 15.3 | 16.2              | 17.3              | 20.8              | 23.2              | 22.3              | 21.6              | 23.3              | 24.8              | 22.9              |
| NEW ENGLAND               |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Maine-----                | 19.1 | 18.5 | 18.4 | 18.3 | 17.9 | 18.0              | 19.0              | 21.6              | 24.2              | 22.8              | 21.2              | 23.6              | 27.0              | 24.6              |
| New Hampshire-----        | 16.2 | 16.0 | 15.7 | 16.0 | 15.9 | 17.0              | 17.6              | 19.0              | 20.3              | 18.8              | 18.1              | 22.0              | 24.8              | 23.8              |
| Vermont-----              | 19.8 | 18.6 | 18.3 | 18.2 | 18.4 | 19.4              | 20.0              | 21.0              | 23.1              | 21.7              | 21.1              | 23.8              | 26.5              | 25.8              |
| Massachusetts-----        | 14.3 | 13.9 | 13.9 | 13.8 | 14.4 | 15.2              | 16.3              | 19.7              | 21.2              | 19.4              | 18.9              | 21.0              | 23.3              | 21.0              |
| Rhode Island-----         | 15.0 | 14.8 | 14.7 | 15.1 | 14.9 | 15.3              | 16.7              | 20.6              | 21.7              | 20.5              | 20.2              | 22.9              | 24.9              | 22.6              |
| Connecticut-----          | 13.6 | 13.6 | 13.8 | 14.4 | 14.1 | 15.0              | 16.9              | 21.2              | 22.6              | 20.0              | 19.5              | 21.7              | 23.1              | 21.2              |
| MIDDLE ATLANTIC           |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| New York-----             | 13.9 | 13.6 | 13.8 | 14.1 | 13.9 | 14.6              | 15.8              | 18.7              | 19.6              | 18.4              | 18.6              | 20.8              | 22.8              | 21.2              |
| New Jersey-----           | 13.5 | 13.4 | 13.6 | 13.9 | 13.9 | 14.4              | 16.3              | 19.9              | 20.7              | 18.9              | 19.3              | 21.5              | 23.0              | 20.5              |
| Pennsylvania-----         | 16.5 | 16.4 | 16.5 | 16.7 | 16.3 | 16.7              | 17.7              | 20.3              | 21.2              | 19.2              | 18.7              | 21.4              | 23.6              | 21.7              |
| EAST NORTH CENTRAL        |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Ohio-----                 | 14.8 | 15.1 | 15.7 | 16.4 | 15.8 | 16.6              | 18.3              | 21.0              | 21.5              | 19.7              | 19.4              | 22.7              | 25.7              | 23.8              |
| Indiana-----              | 15.7 | 16.0 | 16.5 | 17.6 | 17.1 | 18.0              | 18.9              | 21.0              | 21.6              | 20.8              | 19.9              | 23.0              | 25.1              | 23.6              |
| Illinois-----             | 14.5 | 14.5 | 14.9 | 15.8 | 15.1 | 15.8              | 17.4              | 20.0              | 20.8              | 19.3              | 18.9              | 22.1              | 23.3              | 22.1              |
| Michigan-----             | 18.1 | 18.1 | 18.4 | 19.2 | 18.3 | 18.8              | 20.3              | 23.3              | 23.7              | 21.5              | 20.9              | 23.8              | 26.5              | 24.9              |
| Wisconsin-----            | 17.2 | 17.2 | 17.5 | 17.8 | 17.4 | 17.5              | 18.3              | 21.1              | 21.9              | 21.2              | 21.1              | 23.7              | 25.9              | 24.7              |
| WEST NORTH CENTRAL        |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Minnesota-----            | 17.1 | 17.6 | 17.6 | 18.3 | 18.1 | 18.9              | 19.5              | 21.5              | 22.3              | 21.6              | 20.9              | 23.8              | 26.2              | 24.8              |
| Iowa-----                 | 16.3 | 17.0 | 16.9 | 17.3 | 17.2 | 17.7              | 18.3              | 19.6              | 20.0              | 19.9              | 18.9              | 22.0              | 24.6              | 23.2              |
| Missouri-----             | 15.3 | 14.9 | 15.1 | 15.5 | 15.5 | 16.2              | 17.2              | 18.5              | 19.9              | 19.2              | 18.6              | 21.1              | 23.1              | 21.9              |
| North Dakota-----         | 20.5 | 20.7 | 19.4 | 20.1 | 20.1 | 20.6              | 21.5              | 23.0              | 25.2              | 26.6              | 25.6              | 28.5              | 31.5              | 28.5              |
| South Dakota-----         | 19.2 | 19.5 | 18.3 | 18.4 | 18.7 | 18.9              | 20.0              | 21.6              | 23.7              | 24.8              | 24.4              | 26.5              | 28.6              | 26.8              |
| Nebraska-----             | 17.1 | 17.6 | 16.7 | 16.9 | 16.9 | 16.8              | 17.2              | 18.0              | 20.4              | 20.8              | 20.3              | 21.9              | 25.0              | 24.3              |
| Kansas-----               | 16.3 | 16.0 | 15.7 | 16.1 | 16.1 | 16.1              | 17.1              | 19.1              | 20.9              | 20.5              | 19.7              | 21.5              | 23.1              | 22.5              |
| SOUTH ATLANTIC            |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Delaware-----             | 15.9 | 15.4 | 17.2 | 17.0 | 16.4 | 17.0              | 18.7              | 21.3              | 23.9              | 22.8              | 22.8              | 24.3              | 26.5              | 24.2              |
| Maryland-----             | 16.3 | 15.9 | 16.5 | 17.3 | 16.8 | 17.8              | 20.0              | 23.3              | 25.2              | 23.6              | 22.9              | 24.6              | 26.5              | 24.8              |
| District of Columbia----- | 15.4 | 15.6 | 16.5 | 16.3 | 16.3 | 16.7              | 17.1              | 19.0              | 19.6              | 19.0              | 19.6              | 22.8              | 25.2              | 24.1              |
| Virginia-----             | 20.0 | 19.8 | 19.9 | 20.3 | 20.1 | 21.2              | 22.6              | 24.5              | 27.2              | 26.4              | 25.2              | 26.3              | 28.6              | 26.9              |
| West Virginia-----        | 22.6 | 22.0 | 22.8 | 22.9 | 22.1 | 22.1              | 23.0              | 23.4              | 24.4              | 24.1              | 23.1              | 26.6              | 29.3              | 27.4              |
| North Carolina-----       | 23.4 | 22.4 | 23.1 | 23.0 | 22.4 | 22.5              | 23.5              | 25.2              | 27.7              | 26.8              | 26.2              | 28.0              | 30.5              | 28.8              |
| South Carolina-----       | 22.1 | 21.3 | 21.9 | 22.0 | 22.7 | 23.7              | 25.1              | 26.0              | 29.9              | 29.6              | 27.5              | 28.8              | 30.5              | 29.1              |
| Georgia-----              | 21.1 | 20.4 | 20.8 | 20.7 | 20.6 | 21.0              | 21.9              | 23.9              | 26.8              | 26.7              | 26.3              | 27.7              | 30.3              | 29.3              |
| Florida-----              | 17.4 | 17.1 | 17.4 | 17.6 | 17.6 | 17.8              | 19.1              | 20.7              | 24.5              | 25.2              | 24.3              | 24.7              | 25.7              | 24.5              |
| EAST SOUTH CENTRAL        |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Kentucky-----             | 21.4 | 20.6 | 20.5 | 22.4 | 21.6 | 22.4              | 22.6              | 24.4              | 25.2              | 25.3              | 24.3              | 26.9              | 28.8              | 27.0              |
| Tennessee-----            | 19.1 | 18.1 | 18.5 | 19.0 | 18.5 | 18.8              | 20.3              | 22.5              | 25.0              | 24.5              | 23.5              | 25.8              | 28.0              | 25.8              |
| Alabama-----              | 22.5 | 21.6 | 22.0 | 22.1 | 21.8 | 22.3              | 23.0              | 25.9              | 29.1              | 28.3              | 26.9              | 28.8              | 31.1              | 29.4              |
| Mississippi-----          | 23.1 | 23.6 | 24.7 | 25.1 | 23.7 | 24.2              | 24.5              | 26.0              | 28.4              | 27.9              | 26.6              | 30.2              | 31.7              | 30.9              |
| WEST SOUTH CENTRAL        |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Arkansas-----             | 18.8 | 17.7 | 18.5 | 19.2 | 18.3 | 19.7              | 21.0              | 22.6              | 23.7              | 23.2              | 22.5              | 24.2              | 25.6              | 24.8              |
| Louisiana-----            | 18.6 | 19.2 | 20.1 | 21.1 | 20.8 | 21.5              | 22.8              | 24.5              | 26.8              | 26.8              | 25.2              | 27.7              | 29.3              | 28.3              |
| Oklahoma-----             | 18.4 | 17.7 | 17.8 | 19.1 | 18.7 | 19.4              | 22.5              | 22.7              | 22.6              | 23.8              | 20.5              | 22.1              | 23.5              | 22.0              |
| Texas-----                | 18.8 | 18.1 | 18.7 | 19.3 | 19.1 | 19.8              | 21.2              | 22.5              | 26.4              | 26.7              | 25.2              | 26.6              | 28.0              | 26.8              |
| MOUNTAIN                  |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Montana-----              | 18.7 | 19.3 | 19.0 | 19.7 | 19.9 | 20.6              | 20.8              | 22.2              | 23.9              | 24.4              | 24.0              | 27.0              | 30.9              | 29.4              |
| Idaho-----                | 20.4 | 21.4 | 21.1 | 22.5 | 21.5 | 22.3              | 22.4              | 22.0              | 24.6              | 25.0              | 23.9              | 26.4              | 31.0              | 27.5              |
| Wyoming-----              | 19.1 | 20.4 | 19.4 | 20.6 | 20.3 | 20.7              | 20.5              | 21.4              | 23.5              | 23.6              | 22.8              | 23.8              | 27.6              | 26.0              |
| Colorado-----             | 17.7 | 17.1 | 18.0 | 18.7 | 18.5 | 18.6              | 18.8              | 21.2              | 22.9              | 23.3              | 23.5              | 26.9              | 28.7              | 27.5              |
| New Mexico-----           | 28.0 | 26.5 | 27.6 | 27.9 | 27.2 | 27.6              | 27.4              | 26.9              | 30.5              | 32.9              | 32.6              | 35.1              | 37.2              | 35.9              |
| Arizona-----              | 19.7 | 20.4 | 22.2 | 22.6 | 22.4 | 22.8              | 21.8              | 22.7              | 26.1              | 26.6              | 25.2              | 27.7              | 29.7              | 27.3              |
| Utah-----                 | 23.7 | 23.3 | 23.5 | 24.3 | 23.5 | 24.1              | 23.9              | 27.1              | 29.1              | 28.2              | 27.4              | 29.3              | 33.9              | 30.9              |
| Nevada-----               | 14.8 | 15.1 | 17.3 | 18.4 | 18.6 | 18.8              | 18.8              | 22.3              | 24.0              | 25.0              | 24.6              | 25.1              | 29.1              | 22.5              |
| PACIFIC                   |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Washington-----           | 14.0 | 14.4 | 15.2 | 16.0 | 15.6 | 16.2              | 17.4              | 21.6              | 24.0              | 22.7              | 21.9              | 23.6              | 24.8              | 22.7              |
| Oregon-----               | 13.1 | 13.6 | 14.6 | 15.1 | 15.3 | 16.0              | 16.7              | 19.6              | 21.5              | 19.0              | 18.6              | 21.0              | 23.5              | 21.5              |
| California-----           | 13.0 | 13.4 | 14.5 | 15.4 | 15.3 | 16.2              | 17.4              | 20.8              | 23.3              | 22.7              | 22.0              | 23.6              | 25.1              | 23.2              |

<sup>1</sup>Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 19.1 (1941); 21.5 (1942); 23.0 (1943); 22.1 (1944); 21.5 (1945); 23.8 (1946).

<sup>2</sup>Rates for all areas based on total population present in area.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

# SUMMARY AND RATE TABLES

**TABLE VI.—CRUDE DEATH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-48**

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

| AREA                        | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 <sup>1</sup> | 1941 <sup>1</sup> | 1942 <sup>2</sup> | 1943 <sup>1</sup> | 1944 <sup>2</sup> | 1945 <sup>1</sup> | 1946 <sup>2</sup> | 1947 <sup>1</sup> | 1948 <sup>2</sup> |
|-----------------------------|------|------|------|------|------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| UNITED STATES               | 10.9 | 11.6 | 11.3 | 10.6 | 10.6 | 10.7              | 10.5              | 10.4              | 10.9              | 10.6              | 10.6              | 10.0              | 10.1              | 9.9               |
| <b>GEOGRAPHIC DIVISIONS</b> |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| New England                 | 11.8 | 12.0 | 12.0 | 11.5 | 11.6 | 11.7              | 11.6              | 11.6              | 12.7              | 12.2              | 11.9              | 11.1              | 10.9              | 11.0              |
| Middle Atlantic             | 11.1 | 11.5 | 11.5 | 10.9 | 11.0 | 11.2              | 11.1              | 11.3              | 12.4              | 11.8              | 11.8              | 10.8              | 10.8              | 10.7              |
| East North Central          | 11.0 | 11.8 | 11.3 | 10.7 | 10.9 | 11.0              | 10.8              | 10.8              | 11.6              | 11.2              | 11.2              | 10.4              | 10.5              | 10.2              |
| West North Central          | 10.5 | 11.4 | 10.6 | 10.1 | 10.2 | 10.2              | 10.2              | 10.0              | 10.8              | 10.7              | 10.8              | 10.1              | 10.3              | 10.0              |
| South Atlantic              | 11.2 | 11.8 | 11.2 | 10.7 | 10.2 | 10.4              | 10.1              | 9.4               | 9.7               | 9.5               | 9.5               | 9.1               | 9.4               | 8.3               |
| East South Central          | 10.6 | 11.6 | 11.1 | 10.5 | 10.2 | 10.4              | 10.2              | 9.5               | 9.6               | 9.8               | 9.8               | 9.3               | 9.6               | 8.4               |
| West South Central          | 9.7  | 10.5 | 10.3 | 9.5  | 9.4  | 9.7               | 9.3               | 8.9               | 8.9               | 8.9               | 8.7               | 8.4               | 8.7               | 8.6               |
| Mountain                    | 11.5 | 11.8 | 11.6 | 10.6 | 10.4 | 10.1              | 9.7               | 9.7               | 8.7               | 10.2              | 10.4              | 9.8               | 9.9               | 9.5               |
| Pacific                     | 11.6 | 11.9 | 12.0 | 11.2 | 11.1 | 11.4              | 10.8              | 10.8              | 10.7              | 10.4              | 10.2              | 9.9               | 9.6               | 8.4               |
| <b>NEW ENGLAND</b>          |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Maine                       | 13.4 | 13.7 | 13.8 | 12.6 | 12.8 | 12.5              | 12.4              | 12.6              | 13.6              | 12.9              | 12.5              | 11.7              | 11.3              | 11.1              |
| New Hampshire               | 13.6 | 13.4 | 13.7 | 13.3 | 13.0 | 12.7              | 12.3              | 11.6              | 13.3              | 13.3              | 12.5              | 11.9              | 11.6              | 11.8              |
| Vermont                     | 13.6 | 14.1 | 14.2 | 13.1 | 12.9 | 13.0              | 12.5              | 12.4              | 14.2              | 13.6              | 12.3              | 11.8              | 12.0              | 11.3              |
| Massachusetts               | 11.4 | 11.8 | 11.9 | 11.2 | 11.6 | 11.9              | 11.7              | 11.9              | 13.0              | 12.5              | 12.3              | 11.4              | 11.2              | 11.3              |
| Rhode Island                | 11.7 | 11.9 | 12.1 | 11.9 | 11.2 | 11.3              | 11.2              | 11.4              | 12.2              | 11.1              | 10.9              | 10.9              | 11.2              | 11.0              |
| Connecticut                 | 10.8 | 10.9 | 10.9 | 10.6 | 10.6 | 10.6              | 10.6              | 10.4              | 11.4              | 10.6              | 10.8              | 10.0              | 9.7               | 9.8               |
| <b>MIDDLE ATLANTIC</b>      |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| New York                    | 11.2 | 11.4 | 11.4 | 10.9 | 11.1 | 11.1              | 11.1              | 11.4              | 12.6              | 11.9              | 12.0              | 11.1              | 11.1              | 11.1              |
| New Jersey                  | 10.7 | 11.1 | 11.2 | 10.8 | 10.8 | 11.0              | 11.0              | 11.2              | 12.1              | 11.6              | 11.6              | 10.3              | 10.4              | 10.1              |
| Pennsylvania                | 11.2 | 11.7 | 11.9 | 10.9 | 11.0 | 11.3              | 11.0              | 11.3              | 12.2              | 11.8              | 11.7              | 10.6              | 10.5              | 10.4              |
| <b>EAST NORTH CENTRAL</b>   |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Ohio                        | 11.3 | 11.8 | 11.7 | 10.9 | 11.2 | 11.4              | 11.3              | 11.3              | 12.2              | 11.7              | 11.5              | 10.5              | 10.7              | 10.3              |
| Indiana                     | 11.9 | 12.7 | 12.1 | 11.4 | 11.7 | 11.8              | 11.5              | 11.2              | 11.7              | 11.3              | 11.4              | 10.4              | 10.6              | 10.1              |
| Illinois                    | 11.1 | 12.0 | 11.3 | 10.9 | 11.1 | 11.3              | 11.0              | 11.1              | 12.0              | 11.6              | 12.0              | 11.2              | 11.2              | 10.9              |
| Michigan                    | 10.6 | 11.2 | 10.8 | 10.0 | 10.1 | 9.9               | 9.9               | 9.9               | 10.6              | 10.1              | 9.9               | 9.4               | 9.4               | 9.1               |
| Wisconsin                   | 10.1 | 10.9 | 10.4 | 9.9  | 10.1 | 10.0              | 9.8               | 10.2              | 10.9              | 10.7              | 10.9              | 10.3              | 10.2              | 9.9               |
| <b>WEST NORTH CENTRAL</b>   |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Minnesota                   | 9.6  | 10.4 | 9.7  | 9.4  | 9.5  | 9.4               | 9.4               | 9.4               | 10.2              | 10.1              | 10.2              | 9.5               | 9.6               | 9.3               |
| Iowa                        | 10.5 | 11.4 | 10.7 | 10.3 | 10.3 | 10.3              | 10.2              | 10.1              | 10.9              | 11.0              | 10.8              | 10.1              | 10.2              | 10.0              |
| Missouri                    | 11.6 | 13.0 | 12.0 | 11.4 | 11.3 | 11.5              | 11.2              | 10.7              | 11.7              | 11.6              | 11.8              | 11.1              | 11.4              | 11.0              |
| North Dakota                | 8.9  | 8.7  | 8.6  | 8.2  | 8.4  | 8.2               | 8.6               | 8.3               | 3.7               | 10.0              | 10.0              | 9.5               | 9.7               | 8.8               |
| South Dakota                | 9.5  | 9.4  | 8.2  | 8.6  | 9.0  | 8.9               | 9.3               | 9.4               | 9.9               | 10.5              | 10.2              | 10.0              | 9.9               | 9.5               |
| Nebraska                    | 9.7  | 10.3 | 10.1 | 9.2  | 8.4  | 9.6               | 9.6               | 9.9               | 10.3              | 10.2              | 10.2              | 9.7               | 10.0              | 8.8               |
| Kansas                      | 10.8 | 11.7 | 10.4 | 10.1 | 10.1 | 10.3              | 10.3              | 10.0              | 10.5              | 10.2              | 10.3              | 9.6               | 9.7               | 8.8               |
| <b>SOUTH ATLANTIC</b>       |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Delaware                    | 12.7 | 13.1 | 12.9 | 12.4 | 12.0 | 12.2              | 11.9              | 12.3              | 12.8              | 12.2              | 12.0              | 11.5              | 11.5              | 11.4              |
| Maryland                    | 12.3 | 12.7 | 12.6 | 11.8 | 11.6 | 12.0              | 11.5              | 11.2              | 12.1              | 11.3              | 11.4              | 10.3              | 10.5              | 10.4              |
| District of Columbia        | 13.2 | 13.5 | 13.3 | 11.9 | 11.9 | 11.9              | 10.5              | 10.2              | 10.0              | 9.2               | 9.6               | 9.8               | 9.6               | 8.5               |
| Virginia                    | 11.7 | 12.4 | 11.8 | 11.1 | 10.7 | 10.9              | 11.0              | 9.7               | 9.7               | 9.4               | 9.8               | 9.4               | 9.7               | 8.5               |
| West Virginia               | 9.9  | 10.7 | 10.3 | 9.5  | 9.3  | 9.2               | 9.3               | 9.0               | 9.7               | 9.7               | 9.8               | 8.9               | 9.1               | 8.2               |
| North Carolina              | 9.9  | 10.4 | 9.8  | 9.6  | 9.0  | 8.9               | 8.7               | 8.0               | 8.1               | 8.2               | 8.2               | 7.8               | 8.2               | 7.9               |
| South Carolina              | 11.2 | 11.7 | 11.1 | 11.1 | 10.2 | 10.7              | 10.5              | 9.1               | 9.4               | 9.3               | 8.9               | 8.6               | 8.8               | 9.1               |
| Georgia                     | 11.4 | 12.4 | 11.3 | 10.9 | 10.2 | 10.5              | 9.9               | 9.1               | 9.5               | 9.4               | 9.4               | 8.8               | 9.2               | 9.3               |
| Florida                     | 11.8 | 12.2 | 11.7 | 11.3 | 11.0 | 11.3              | 10.6              | 9.9               | 10.1              | 10.3              | 9.9               | 10.3              | 10.4              | 10.2              |
| <b>EAST SOUTH CENTRAL</b>   |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Kentucky                    | 11.0 | 12.0 | 11.4 | 10.6 | 10.6 | 10.5              | 10.8              | 10.2              | 10.6              | 10.7              | 10.7              | 10.0              | 10.2              | 9.8               |
| Tennessee                   | 10.8 | 11.4 | 10.6 | 10.2 | 9.8  | 10.0              | 9.8               | 9.2               | 9.5               | 9.7               | 9.9               | 9.2               | 9.2               | 9.1               |
| Alabama                     | 10.3 | 11.2 | 11.0 | 10.5 | 10.1 | 10.5              | 10.2              | 9.3               | 9.4               | 9.5               | 9.5               | 8.8               | 9.3               | 9.2               |
| Mississippi                 | 10.3 | 11.6 | 11.5 | 10.7 | 10.5 | 10.7              | 10.0              | 9.1               | 9.0               | 9.2               | 9.1               | 9.4               | 9.6               | 9.6               |
| <b>WEST SOUTH CENTRAL</b>   |      |      |      |      |      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Arkansas                    | 8.6  | 9.9  | 9.9  | 8.9  | 8.5  | 8.8               | 8.4               | 8.2               | 8.3               | 7.9               | 8.0               | 7.6               | 7.9               | 7.9               |
| Louisiana                   | 10.5 | 11.4 | 10.9 | 10.7 | 10.4 | 10.6              | 9.7               | 9.2               | 9.4               | 9.4               | 9.2               | 8.7               | 9.2               | 9.1               |
| Oklahoma                    | 9.0  | 10.0 | 9.3  | 8.8  | 8.9  | 9.0               | 9.9               | 9.3               | 8.9               | 9.1               | 8.6               | 8.1               | 8.5               | 8.3               |
| Texas                       | 10.1 | 10.7 | 10.5 | 9.6  | 9.5  | 9.7               | 9.2               | 8.9               | 8.9               | 9.0               | 8.8               | 8.6               | 8.8               | 8.                |

## VITAL STATISTICS OF THE UNITED STATES

TABLE VII.—INFANT MORTALITY RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1939-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births)

| AREA                      | 1939  | 1940  | 1941 | 1942 | 1943 | 1944 | 1945  | 1946 | 1947 | 1948 |
|---------------------------|-------|-------|------|------|------|------|-------|------|------|------|
| UNITED STATES-----        | 48.0  | 47.0  | 45.3 | 40.4 | 40.4 | 39.8 | 38.3  | 33.8 | 32.2 | 32.0 |
| GEOGRAPHIC DIVISIONS      |       |       |      |      |      |      |       |      |      |      |
| New England-----          | 39.9  | 39.2  | 36.7 | 34.1 | 36.7 | 34.9 | 32.9  | 31.7 | 28.6 | 27.1 |
| Middle Atlantic-----      | 41.6  | 39.9  | 36.5 | 34.1 | 34.8 | 35.7 | 34.0  | 30.4 | 29.2 | 27.6 |
| East North Central-----   | 40.6  | 39.2  | 37.7 | 35.4 | 36.9 | 35.4 | 34.3  | 31.2 | 29.9 | 28.1 |
| West North Central-----   | 40.4  | 39.2  | 38.9 | 34.8 | 35.2 | 34.1 | 32.6  | 30.8 | 29.7 | 28.1 |
| South Atlantic-----       | 57.9  | 57.1  | 60.6 | 50.4 | 47.9 | 46.9 | 45.0  | 38.0 | 35.7 | 35.5 |
| East South Central-----   | 55.5  | 55.7  | 57.0 | 48.1 | 46.5 | 45.5 | 45.1  | 38.5 | 36.9 | 38.3 |
| West South Central-----   | 60.6  | 61.2  | 53.6 | 48.6 | 46.9 | 46.2 | 44.1  | 37.7 | 37.5 | 40.6 |
| Mountain-----             | 63.6  | 62.0  | 56.3 | 54.3 | 52.8 | 52.0 | 53.4  | 42.3 | 40.0 | 42.5 |
| Pacific-----              | 40.4  | 37.8  | 35.7 | 34.1 | 34.0 | 34.0 | 32.5  | 30.9 | 28.7 | 28.1 |
| NEW ENGLAND               |       |       |      |      |      |      |       |      |      |      |
| Maine-----                | 52.5  | 53.2  | 51.2 | 46.1 | 51.3 | 46.7 | 46.3  | 41.0 | 35.7 | 32.0 |
| New Hampshire-----        | 47.2  | 40.9  | 38.3 | 35.9 | 46.1 | 37.7 | 36.3  | 31.4 | 30.1 | 29.1 |
| Vermont-----              | 45.1  | 44.5  | 43.2 | 41.7 | 39.0 | 40.8 | 34.6  | 34.0 | 31.2 | 28.9 |
| Massachusetts-----        | 36.9  | 37.5  | 35.4 | 32.0 | 34.2 | 33.1 | 31.6  | 31.6 | 28.1 | 26.8 |
| Rhode Island-----         | 39.0  | 37.9  | 34.9 | 39.5 | 43.5 | 35.3 | 28.2  | 28.5 | 28.2 | 26.3 |
| Connecticut-----          | 38.8  | 34.0  | 30.6 | 29.2 | 29.8 | 30.7 | 29.9  | 27.8 | 25.2 | 24.3 |
| MIDDLE ATLANTIC           |       |       |      |      |      |      |       |      |      |      |
| New York-----             | 39.1  | 37.2  | 33.0 | 31.9 | 32.7 | 32.8 | 31.8  | 29.1 | 28.2 | 27.3 |
| New Jersey-----           | 38.3  | 35.5  | 35.8 | 31.1 | 33.7 | 34.0 | 32.0  | 28.5 | 27.9 | 26.5 |
| Pennsylvania-----         | 45.7  | 44.7  | 40.9 | 38.2 | 37.9 | 40.0 | 37.9  | 33.0 | 31.1 | 28.4 |
| EAST NORTH CENTRAL        |       |       |      |      |      |      |       |      |      |      |
| Ohio-----                 | 42.9  | 41.4  | 40.8 | 37.0 | 39.1 | 38.5 | 36.5  | 31.3 | 29.5 | 30.5 |
| Indiana-----              | 39.6  | 42.1  | 39.9 | 36.6 | 39.6 | 34.5 | 36.0  | 31.5 | 30.6 | 29.8 |
| Illinois-----             | 38.1  | 36.3  | 34.2 | 33.1 | 33.3 | 32.4 | 31.6  | 30.4 | 28.9 | 27.7 |
| Michigan-----             | 41.8  | 40.7  | 39.7 | 37.2 | 38.3 | 37.9 | 35.8  | 32.7 | 31.5 | 30.0 |
| Wisconsin-----            | 40.3  | 37.3  | 35.1 | 32.0 | 35.0 | 32.0 | 31.1  | 30.0 | 29.5 | 26.3 |
| WEST NORTH CENTRAL        |       |       |      |      |      |      |       |      |      |      |
| Minnesota-----            | 35.5  | 33.2  | 34.5 | 29.6 | 30.9 | 31.3 | 31.1  | 28.6 | 28.6 | 26.9 |
| Iowa-----                 | 38.8  | 36.5  | 36.3 | 33.5 | 34.0 | 33.1 | 30.3  | 29.9 | 28.5 | 26.6 |
| Missouri-----             | 45.3  | 46.9  | 46.3 | 39.0 | 40.3 | 37.6 | 37.5  | 33.0 | 32.5 | 30.3 |
| North Dakota-----         | 49.4  | 45.1  | 37.1 | 36.5 | 34.9 | 35.4 | 29.3  | 34.0 | 30.6 | 29.4 |
| South Dakota-----         | 40.9  | 38.7  | 41.3 | 36.2 | 35.7 | 34.9 | 31.1  | 29.6 | 30.9 | 32.0 |
| Nebraska-----             | 37.3  | 36.0  | 34.6 | 33.4 | 35.5 | 33.0 | 28.5  | 30.2 | 27.6 | 26.8 |
| Kansas-----               | 39.3  | 38.3  | 37.6 | 35.5 | 33.6 | 33.3 | 33.0  | 30.6 | 28.1 | 26.9 |
| SOUTH ATLANTIC            |       |       |      |      |      |      |       |      |      |      |
| Delaware-----             | 43.8  | 47.7  | 43.4 | 47.0 | 46.7 | 48.7 | 38.9  | 29.7 | 31.0 | 29.5 |
| Maryland-----             | 49.0  | 49.1  | 52.0 | 43.9 | 43.0 | 41.5 | 38.0  | 34.0 | 31.6 | 28.8 |
| District of Columbia----- | 53.3  | 49.3  | 57.7 | 50.8 | 47.6 | 44.8 | 48.3  | 41.2 | 31.9 | 25.5 |
| Virginia-----             | 59.7  | 56.5  | 64.9 | 52.5 | 47.1 | 47.1 | 47.4  | 36.7 | 36.6 | 38.5 |
| West Virginia-----        | 54.3  | 53.7  | 60.9 | 53.0 | 52.1 | 52.0 | 52.0  | 40.9 | 38.0 | 40.2 |
| North Carolina-----       | 59.1  | 57.6  | 59.7 | 48.3 | 46.7 | 45.4 | 43.3  | 37.2 | 34.9 | 35.3 |
| South Carolina-----       | 66.5  | 66.2  | 75.0 | 58.7 | 55.1 | 54.9 | 49.9  | 41.4 | 39.5 | 40.4 |
| Georgia-----              | 58.3  | 57.8  | 58.4 | 49.3 | 46.6 | 44.5 | 42.2  | 35.9 | 34.2 | 34.2 |
| Florida-----              | 56.0  | 53.8  | 52.9 | 47.7 | 46.7 | 45.5 | 43.8  | 39.4 | 38.2 | 35.3 |
| EAST SOUTH CENTRAL        |       |       |      |      |      |      |       |      |      |      |
| Kentucky-----             | 52.8  | 53.1  | 58.9 | 48.4 | 50.0 | 46.7 | 46.9  | 40.0 | 37.1 | 39.8 |
| Tennessee-----            | 52.7  | 53.5  | 54.3 | 46.4 | 44.8 | 45.5 | 47.7  | 38.5 | 36.3 | 37.7 |
| Alabama-----              | 59.8  | 61.5  | 59.4 | 50.1 | 44.8 | 45.5 | 44.7  | 37.8 | 37.5 | 37.8 |
| Mississippi-----          | 56.6  | 54.4  | 55.1 | 47.3 | 46.8 | 44.1 | 40.6  | 37.5 | 36.8 | 37.9 |
| WEST SOUTH CENTRAL        |       |       |      |      |      |      |       |      |      |      |
| Arkansas-----             | 46.5  | 47.0  | 44.7 | 39.7 | 37.4 | 34.7 | 31.7  | 28.3 | 29.5 | 28.4 |
| Louisiana-----            | 62.8  | 64.3  | 57.8 | 48.2 | 44.7 | 46.3 | 43.0  | 37.2 | 37.2 | 37.9 |
| Oklahoma-----             | 50.1  | 49.9  | 47.7 | 41.4 | 42.5 | 41.2 | 40.0  | 32.5 | 32.3 | 34.4 |
| Texas-----                | 67.6  | 68.3  | 56.6 | 53.6 | 51.4 | 50.4 | 48.8  | 41.7 | 41.1 | 46.2 |
| MOUNTAIN                  |       |       |      |      |      |      |       |      |      |      |
| Montana-----              | 48.9  | 46.5  | 37.9 | 33.7 | 38.7 | 36.1 | 34.2  | 34.8 | 32.1 | 30.7 |
| Idaho-----                | 46.8  | 42.9  | 35.8 | 36.2 | 32.0 | 34.0 | 35.0  | 32.9 | 29.4 | 29.8 |
| Wyoming-----              | 44.8  | 44.7  | 43.2 | 45.1 | 37.1 | 41.2 | 40.0  | 35.1 | 34.0 | 39.5 |
| Colorado-----             | 54.4  | 60.4  | 52.0 | 49.7 | 50.4 | 49.4 | 50.5  | 40.0 | 37.5 | 38.4 |
| New Mexico-----           | 109.1 | 100.6 | 97.5 | 97.9 | 91.6 | 89.1 | 100.8 | 78.2 | 67.9 | 70.1 |
| Arizona-----              | 93.4  | 85.5  | 90.0 | 80.1 | 76.7 | 68.8 | 68.7  | 41.5 | 50.8 | 56.4 |
| Utah-----                 | 39.5  | 40.4  | 29.7 | 33.0 | 31.4 | 33.9 | 31.1  | 27.2 | 25.1 | 27.4 |
| Nevada-----               | 44.0  | 51.7  | 42.3 | 57.2 | 52.2 | 50.2 | 46.3  | 39.6 | 33.2 | 39.8 |
| PACIFIC                   |       |       |      |      |      |      |       |      |      |      |
| Washington-----           | 36.8  | 35.2  | 34.7 | 33.1 | 34.8 | 33.8 | 34.5  | 33.4 | 28.1 | 27.5 |
| Oregon-----               | 34.8  | 33.2  | 30.7 | 30.5 | 30.0 | 30.5 | 28.7  | 27.7 | 24.7 | 25.5 |
| California-----           | 42.2  | 39.2  | 36.6 | 34.8 | 34.4 | 34.5 | 32.5  | 30.7 | 29.4 | 28.6 |

# SUMMARY AND RATE TABLES

**TABLE VIII.—STILLBIRTH RATIOS BY PLACE OF RESIDENCE, 1942-48: AND BY PLACE OF OCCURRENCE, 1944-48: UNITED STATES, EACH DIVISION AND STATE**

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. Ratios per 1,000 live births)

| AREA                        | PLACE OF RESIDENCE |      |       |      |      |      |      | PLACE OF OCCURRENCE <sup>1</sup> |      |      |      |      |
|-----------------------------|--------------------|------|-------|------|------|------|------|----------------------------------|------|------|------|------|
|                             | 1942               | 1943 | 1944  | 1945 | 1946 | 1947 | 1948 | 1944                             | 1945 | 1946 | 1947 | 1948 |
| <b>UNITED STATES</b>        | 25.6               | 24.5 | ----- | 23.9 | 22.8 | 21.1 | 20.6 | 24.5                             | 25.9 | 22.8 | 21.1 | 20.6 |
| <b>GEOGRAPHIC DIVISIONS</b> |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| New England                 | 23.2               | 21.5 | ----- | 20.8 | 20.2 | 17.9 | 17.8 | 21.4                             | 20.7 | 20.3 | 17.9 | 17.8 |
| Middle Atlantic             | 25.8               | 24.5 | ----- | 25.2 | 23.6 | 22.1 | 22.5 | 25.4                             | 25.3 | 23.6 | 22.1 | 22.5 |
| East North Central          | 22.5               | 22.6 | ----- | 22.1 | 21.4 | 19.3 | 16.5 | 22.9                             | 22.2 | 21.4 | 19.3 | 18.5 |
| West North Central          | 22.4               | 20.2 | ----- | 20.5 | 19.5 | 17.6 | 17.3 | 20.6                             | 20.6 | 19.6 | 17.7 | 17.4 |
| South Atlantic              | 34.3               | 31.6 | ----- | 29.1 | 27.6 | 25.9 | 25.2 | 30.4                             | 29.0 | 27.5 | 25.8 | 25.1 |
| East South Central          | 30.5               | 28.0 | ----- | 27.4 | 25.5 | 24.9 | 24.2 | 27.4                             | 27.1 | 25.5 | 25.0 | 24.2 |
| West South Central          | 26.0               | 26.8 | ----- | 25.3 | 24.1 | 22.6 | 22.1 | 25.7                             | 25.3 | 24.1 | 22.6 | 22.0 |
| Mountain                    | 21.0               | 20.4 | ----- | 20.6 | 19.5 | 18.2 | 16.7 | 20.1                             | 20.2 | 19.7 | 18.3 | 16.7 |
| Pacific                     | 18.0               | 17.1 | ----- | 18.0 | 18.1 | 16.2 | 15.6 | 18.0                             | 18.1 | 18.1 | 16.2 | 15.6 |
| <b>NEW ENGLAND</b>          |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Maine                       | 24.7               | 17.1 | ----- | 18.2 | 17.0 | 16.7 | 16.6 | 15.7                             | 17.9 | 17.1 | 16.6 | 16.8 |
| New Hampshire               | 25.9               | 17.8 | ----- | 17.9 | 22.0 | 20.7 | 18.7 | 24.7                             | 21.9 | 21.7 | 20.3 | 18.9 |
| Vermont                     | 24.1               | 25.6 | ----- | 22.0 | 22.6 | 18.0 | 18.7 | 24.1                             | 20.8 | 25.2 | 18.7 | 18.4 |
| Massachusetts               | 24.6               | 23.4 | ----- | 22.8 | 22.5 | 19.2 | 19.4 | 23.2                             | 22.3 | 22.5 | 19.3 | 19.4 |
| Rhode Island                | 22.6               | 23.5 | ----- | 20.5 | 19.5 | 16.5 | 17.3 | 22.9                             | 20.0 | 19.4 | 16.5 | 16.5 |
| Connecticut                 | 18.9               | 19.0 | ----- | 17.3 | 16.1 | 14.9 | 14.4 | 16.2                             | 17.1 | 16.0 | 14.7 | 14.4 |
| <b>MIDDLE ATLANTIC</b>      |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| New York                    | 28.0               | 26.7 | ----- | 27.0 | 25.8 | 23.8 | 25.2 | 27.2                             | 27.2 | 25.8 | 23.8 | 25.2 |
| New Jersey                  | 24.0               | 23.7 | ----- | 23.8 | 22.2 | 21.3 | 19.5 | 22.9                             | 24.1 | 22.1 | 21.3 | 19.8 |
| Pennsylvania                | 23.8               | 22.2 | ----- | 23.5 | 21.2 | 20.2 | 20.2 | 24.0                             | 25.4 | 21.2 | 20.2 | 20.1 |
| <b>EAST NORTH CENTRAL</b>   |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Ohio                        | 24.3               | 23.4 | ----- | 24.2 | 23.8 | 20.2 | 20.0 | 24.7                             | 24.4 | 23.8 | 20.3 | 20.0 |
| Indiana                     | 20.2               | 20.1 | ----- | 19.6 | 18.5 | 17.3 | 16.4 | 20.5                             | 19.6 | 18.7 | 17.5 | 18.4 |
| Illinois                    | 21.7               | 22.1 | ----- | 21.3 | 21.0 | 18.7 | 17.8 | 21.9                             | 21.4 | 20.9 | 18.6 | 17.7 |
| Michigan                    | 24.5               | 25.3 | ----- | 24.0 | 22.6 | 21.0 | 20.0 | 24.9                             | 24.0 | 22.5 | 21.0 | 20.0 |
| Wisconsin                   | 19.2               | 20.2 | ----- | 18.9 | 17.7 | 17.2 | 16.7 | 20.2                             | 16.9 | 17.7 | 17.2 | 16.8 |
| <b>WEST NORTH CENTRAL</b>   |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Minnesota                   | 21.6               | 20.2 | ----- | 20.9 | 19.8 | 17.2 | 17.7 | 19.2                             | 21.0 | 19.9 | 17.2 | 17.7 |
| Iowa                        | 20.2               | 19.9 | ----- | 19.6 | 18.2 | 15.6 | 14.9 | 19.8                             | 15.4 | 15.1 | 15.6 | 15.0 |
| Missouri                    | 27.1               | 22.8 | ----- | 23.6 | 22.5 | 21.0 | 20.9 | 24.5                             | 23.6 | 22.7 | 21.2 | 20.9 |
| North Dakota                | 17.4               | 17.7 | ----- | 19.1 | 17.3 | 17.3 | 14.3 | 20.8                             | 18.3 | 17.8 | 16.8 | 14.1 |
| South Dakota                | 19.6               | 16.2 | ----- | 15.5 | 16.4 | 15.3 | 13.3 | 18.0                             | 16.4 | 16.1 | 15.5 | 13.3 |
| Nebraska                    | 21.5               | 19.5 | ----- | 18.4 | 18.3 | 16.7 | 16.8 | 20.2                             | 18.5 | 18.3 | 17.0 | 16.9 |
| Kansas                      | 20.7               | 18.0 | ----- | 19.1 | 17.3 | 15.9 | 16.0 | 19.0                             | 19.1 | 17.5 | 15.9 | 16.1 |
| <b>SOUTH ATLANTIC</b>       |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Delaware                    | 24.4               | 29.1 | ----- | 24.7 | 20.7 | 19.3 | 21.8 | 25.0                             | 24.7 | 20.8 | 19.5 | 22.1 |
| Maryland                    | 29.3               | 27.8 | ----- | 26.9 | 25.3 | 24.1 | 22.5 | 28.6                             | 27.4 | 26.0 | 25.8 | 22.4 |
| District of Columbia        | 28.4               | 28.4 | ----- | 23.2 | 26.0 | 21.7 | 21.0 | 25.6                             | 22.5 | 23.3 | 21.2 | 20.5 |
| Virginia                    | 32.7               | 30.7 | ----- | 30.1 | 28.8 | 26.1 | 26.2 | 30.7                             | 30.6 | 29.6 | 26.4 | 26.4 |
| West Virginia               | 34.3               | 34.8 | ----- | 31.5 | 31.7 | 24.7 | 25.7 | 33.2                             | 32.0 | 31.6 | 24.4 | 25.4 |
| North Carolina              | 31.3               | 27.0 | ----- | 25.5 | 23.8 | 24.5 | 24.3 | 26.2                             | 25.2 | 24.4 | 24.4 | 24.3 |
| South Carolina              | 40.6               | 37.0 | ----- | 33.7 | 32.2 | 32.1 | 28.2 | 34.9                             | 33.9 | 32.3 | 31.8 | 28.1 |
| Georgia                     | 38.6               | 33.8 | ----- | 29.4 | 26.7 | 25.9 | 26.1 | 32.9                             | 28.5 | 26.7 | 25.8 | 26.3 |
| Florida                     | 37.8               | 34.8 | ----- | 31.4 | 29.8 | 27.6 | 24.8 | 31.6                             | 30.4 | 29.7 | 27.6 | 24.3 |
| <b>EAST SOUTH CENTRAL</b>   |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Kentucky                    | 26.7               | 24.6 | ----- | 23.8 | 20.9 | 21.2 | 19.0 | 23.7                             | 23.5 | 20.5 | 21.0 | 18.9 |
| Tennessee                   | 22.3               | 22.4 | ----- | 23.8 | 22.6 | 21.7 | 21.3 | 22.8                             | 23.8 | 22.8 | 22.1 | 21.6 |
| Alabama                     | 33.2               | 30.1 | ----- | 29.0 | 28.6 | 27.9 | 26.8 | 30.0                             | 28.0 | 28.7 | 27.8 | 26.9 |
| Mississippi                 | 41.0               | 35.7 | ----- | 34.0 | 30.5 | 29.8 | 30.5 | 34.0                             | 34.1 | 30.6 | 29.8 | 30.4 |
| <b>WEST SOUTH CENTRAL</b>   |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Arkansas                    | 27.5               | 23.2 | ----- | 20.6 | 19.5 | 17.8 | 19.1 | 20.4                             | 20.6 | 19.2 | 17.5 | 19.3 |
| Louisiana                   | 31.5               | 30.0 | ----- | 29.1 | 27.2 | 26.8 | 26.5 | 28.8                             | 29.1 | 27.2 | 26.9 | 25.8 |
| Oklahoma                    | 19.9               | 21.0 | ----- | 23.9 | 21.8 | 20.1 | 18.8 | 21.3                             | 23.5 | 21.6 | 19.9 | 18.3 |
| Texas                       | 25.2               | 27.9 | ----- | 25.5 | 24.9 | 23.0 | 22.3 | 27.1                             | 25.6 | 24.8 | 23.0 | 22.4 |
| <b>MOUNTAIN</b>             |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Montana                     | 17.6               | 18.6 | ----- | 17.4 | 17.4 | 15.8 | 15.7 | 16.6                             | 16.3 | 17.2 | 15.9 | 15.6 |
| Idaho                       | 20.3               | 17.9 | ----- | 17.4 | 18.2 | 16.4 | 13.9 | 20.9                             | 18.2 | 19.2 | 16.3 | 14.5 |
| Wyoming                     | 18.9               | 19.8 | ----- | 17.7 | 17.8 | 19.7 | 16.7 | 17.5                             | 16.8 | 17.7 | 19.0 | 17.2 |
| Colorado                    | 23.5               | 21.7 | ----- | 21.9 | 22.0 | 19.3 | 18.8 | 21.8                             | 21.7 | 22.1 | 19.3 | 16.7 |
| New Mexico                  | 23.6               | 23.4 | ----- | 24.3 | 21.0 | 22.0 | 20.7 | 21.1                             | 23.7 | 21.0 | 22.2 | 20.2 |
| Arizona                     | 22.5               | 25.0 | ----- | 23.4 | 20.2 | 19.7 | 17.8 | 25.6                             | 22.1 | 20.4 | 19.5 | 17.6 |
| Utah                        | 17.6               | 15.8 | ----- | 17.1 | 15.1 | 13.9 | 14.4 | 15.7                             | 17.2 | 16.2 | 14.3 | 14.4 |
| Nevada                      | 21.2               | 19.2 | ----- | 26.7 | 21.0 | 20.5 | 19.5 | 20.0                             | 24.1 | 20.6 | 21.5 | 20.3 |
| <b>PACIFIC</b>              |                    |      |       |      |      |      |      |                                  |      |      |      |      |
| Washington                  | 15.5               | 13.0 | ----- | 15.5 | 17.4 | 15.7 | 14.1 | 14.0                             | 15.4 | 17.0 | 15.5 | 13.8 |
| Oregon                      | 18.6               | 16.3 | ----- | 17.1 | 17.3 | 15.5 | 15.0 | 18.6                             | 17.2 | 17.3 | 15.5 | 14.8 |
| California                  | 18.2               | 18.3 | ----- | 18.7 | 18.4 | 16.3 | 16.0 | 19.0                             | 16.9 | 18.4 | 16.4 | 16.1 |

<sup>1</sup>These ratios differ from those shown in table IV which are computed for all reported stillbirths, regardless of period of gestation.

VITAL STATISTICS OF THE UNITED STATES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population excluding armed forces overseas. International List numbers are those of the International List of Causes of Death, 1939 revision, as adopted for use in the United States)

| Int. List No. | CAUSE OF DEATH   | NUMBER    |           | RATE  |         | Int. List No. | CAUSE OF DEATH  | NUMBER  |         | RATE  |       |
|---------------|--|-----------|-----------|-------|---------|---------------|---|---------|---------|-------|-------|
|               |  | 1946      | 1947      | 1946  | 1947    |               |   | 1946    | 1947    | 1946  | 1947  |
|               | ALL CAUSES-----  | 1,444,337 | 1,445,370 | 988.5 | 1,007.9 |               |   |         |         |       |       |
|               | I.—Infectious and parasitic diseases-----  | 75,016    | 80,155    | 50.0  | 55.9    |               | I.—Infectious and parasitic diseases—Continued                  |         |         |       |       |
|               | (Communicable diseases)  |           |           |       |         |               | Diseases due to spirochetes (30-32)—Continued                   |         |         |       |       |
|               | Diseases due to bacteria (1-26)  |           |           |       |         |               | Syphilis—Continued  |         |         |       |       |
| 1             | Typhoid fever-----   | 205       | 282       | 0.1   | 0.2     |               | (a) Locomotor ataxia (tabes dorsalis)-----                      | 375     | 453     | 0.3   | 0.3   |
| 2             | Paratyphoid fever-----   | 28        | 43        | 0.0   | 0.0     |               | (b) General paralysis of the insane-----                        | 2,913   | 3,537   | 2.0   | 2.5   |
| 3             | Plague-----  | -         | 1         | 0     | 0.0     |               | (c) Other syphilis of the central nervous system-----           | 1,152   | 1,243   | 0.8   | 0.9   |
| 4             | Cholera-----   | -         | -         | 0     | 0       |               | (d) Aneurysm of the aorta-----                                  | 3,639   | 3,465   | 2.5   | 2.4   |
| 5             | Undulant fever (brucellosis)-----  | 55        | 58        | 0.0   | 0.0     |               | (e) Other syphilis of the circulatory system-----               | 983     | 954     | 0.7   | 0.7   |
| 6             | Cerebrospinal (meningococcus) meningitis-----  | 873       | 917       | 0.6   | 0.6     |               | (f) Congenital syphilis-----                                    | 505     | 605     | 0.3   | 0.4   |
| 7             | Anthrax (infection by Bacillus anthracis)-----   | 5         | 3         | 0.0   | 0.0     | 51            | (g) Other and unspecified forms of syphilis-----                | 2,049   | 2,414   | 1.4   | 1.7   |
| 8             | Scarlet fever-----   | 68        | 107       | 0.0   | 0.1     | 52            | Relapsing fever-----  | 1       | 1       | 0.0   | 0.0   |
| 9             | Whooping cough-----  | 1,146     | 1,954     | 0.6   | 1.4     |               | Other diseases due to spirochetes-----                          | 370     | 415     | 0.3   | 0.3   |
| 10            | Diphtheria (infection by C. diphtheriae)-----  | 654       | 799       | 0.4   | 0.6     |               | (a) Spirochetosis icterohaemorrhagica (Weill's disease)-----    | 539     | 358     | 0.2   | 0.2   |
| 11            | Erysipelas-----  | 69        | 82        | 0.0   | 0.1     |               | (b) Other diseases due to spirochetes-----                      | 31      | 57      | 0.0   | 0.0   |
| 12            | Tetanus-----   | 506       | 511       | 0.3   | 0.4     |               | Diseases due to filtrable viruses (33-38)                       |         |         |       |       |
| 13-22         | Tuberculosis (all forms)-----  | 43,833    | 48,064    | 30.0  | 35.5    |               | Influenza (grippe)-----   | 5,068   | 7,664   | 3.5   | 5.3   |
| 13            | Tuberculosis of the respiratory system (including the bronchial and mediastinal lymph nodes)-----                      | 40,420    | 44,462    | 27.7  | 31.0    | 33            | (a) With respiratory complications specified-----               | 3,139   | 4,978   | 2.1   | 3.4   |
|               | (a) With mention of occupational disease of the lungs-----   | 704       | 667       | 0.5   | 0.5     | 34            | (b) Without respiratory complications specified-----            | 1,929   | 2,786   | 1.3   | 1.9   |
|               | (b) Without mention of occupational disease of the lungs-----  | 38,503    | 42,475    | 26.4  | 29.8    | 35            | Smallpox-----   | 5       | 5       | 0.0   | 0.0   |
|               | (c) Tuberculosis of unspecified site-----  | 1,213     | 1,320     | 0.9   | 0.9     | 36            | Measles-----  | 898     | 472     | 0.6   | 0.3   |
| 14            | Tuberculosis of the meninges and central nervous system-----   | 1,048     | 977       | 0.7   | 0.7     | 37            | Acute poliomyelitis and acute polioencephalitis-----            | 1,895   | 580     | 1.3   | 0.4   |
| 15            | Tuberculosis of the intestines and peritoneum-----   | 382       | 476       | 0.3   | 0.3     |               | Acute infectious encephalitis (lethargic)-----                  | 570     | 630     | 0.4   | 0.4   |
| 16            | Tuberculosis of the vertebral column-----  | 399       | 433       | 0.3   | 0.3     |               | (a) Acute infectious encephalitis (lethargic)-----              | 149     | 199     | 0.1   | 0.1   |
| 17            | Tuberculosis of the bones and joints (except vertebral column)-----  | 101       | 153       | 0.1   | 0.1     |               | (b) Sequelae of encephalitis lethargica-----                    | 250     | 213     | 0.2   | 0.1   |
|               | (a) Bones-----   | 48        | 78        | 0.0   | 0.1     |               | (c) Encephalitis lethargica (unqualified)-----                  | 171     | 218     | 0.1   | 0.2   |
|               | (b) Joints-----  | 53        | 75        | 0.0   | 0.1     | 38            | Other diseases due to filtrable viruses-----                    | 164     | 144     | 0.1   | 0.1   |
| 18            | Tuberculosis of the skin and subcutaneous cellular tissue-----   | 18        | 18        | 0.0   | 0.0     |               | (a) Yellow fever-----   | -       | 0       | 0     | 0     |
| 19            | Tuberculosis of the lymphatic system (except bronchial, mediastinal, mesenteric, and retroperitoneal lymph nodes)----- | 66        | 75        | 0.0   | 0.1     |               | (b) Rabies-----   | 24      | 26      | 0.0   | 0.0   |
| 20            | Tuberculosis of the genito-urinary system-----   | 327       | 358       | 0.2   | 0.2     |               | (c) Herpes zoster-----  | 14      | 18      | 0.0   | 0.0   |
| 21            | Tuberculosis of other organs-----  | 101       | 95        | 0.1   | 0.1     |               | (d) German measles-----   | 8       | 9       | 0.0   | 0.0   |
|               | (a) Tuberculosis of the adrenal glands-----  | 57        | 45        | 0.0   | 0.0     |               | (e) Chickenpox-----   | 107     | 88      | 0.1   | 0.1   |
|               | (b) Tuberculosis of other organs-----  | 44        | 48        | 0.0   | 0.0     |               | (f) Other diseases ascribed to viruses-----                     | 13      | 3       | 0.0   | 0.0   |
| 22            | Disseminated tuberculosis-----   | 971       | 1,017     | 0.7   | 0.7     | 39            | Diseases due to Rickettsia (39)                                 |         |         |       |       |
|               | (a) Acute (generalized) miliary tuberculosis-----  | 893       | 914       | 0.6   | 0.6     |               | Typhus fever and typhus-like diseases (due to Rickettsia)-----  | 177     | 224     | 0.1   | 0.2   |
|               | (b) Other and unspecified generalized tuberculosis-----  | 78        | 103       | 0.1   | 0.1     |               | (a) Exanthematic typhus (epidemic form)-----                    | -       | 0       | 0     | 0     |
| 23            | Leprosy-----   | 21        | 16        | 0.0   | 0.0     |               | (b) Endemic typhus fever-----                                   | 68      | 88      | 0.0   | 0.1   |
| 24            | Septicemia and purulent infection (nonpuerperal)-----  | 496       | 520       | 0.3   | 0.4     | 40            | (c) Rocky Mountain spotted fever-----                           | 94      | 105     | 0.1   | 0.1   |
|               | (a) Septicemia-----  | 453       | 466       | 0.3   | 0.3     | 41            | (d) Other typhus-like diseases-----                             | 15      | 31      | 0.0   | 0.0   |
|               | (b) Pyemia-----  | 9         | 19        | 0.0   | 0.0     | 42            | Diseases caused by helminths (40-42)                            |         |         |       |       |
|               | (c) Gas bacillus gangrene-----   | 25        | 32        | 0.0   | 0.0     |               | Ankylostomiasis-----  | 6       | 9       | 0.0   | 0.0   |
|               | (d) Generalized Bacillus coli infection-----   | 9         | 3         | 0.0   | 0.0     |               | Hydatid disease-----  | 12      | 15      | 0.0   | 0.0   |
| 25            | Gonococcus infection-----  | 71        | 108       | 0.0   | 0.1     | 43            | Other diseases caused by helminths-----                         | 54      | 51      | 0.0   | 0.0   |
| 26            | Other diseases due to bacteria (except dysentery)-----   | 46        | 58        | 0.0   | 0.0     |               | Diseases due to fungi (43)                                      |         |         |       |       |
|               | (a) Tuberculosis-----  | 46        | 58        | 0.0   | 0.0     |               | Mycoses-----  | 381     | 331     | 0.3   | 0.2   |
|               | (b) Other diseases due to bacteria-----  | -         | -         | 0     | 0       | 44            | Other infectious and parasitic diseases (44)                    |         |         |       |       |
|               | Dysentery (27)   |           |           |       |         |               | (Communicable diseases)   |         |         |       |       |
| 27            | Dysentery-----   | 1,078     | 869       | 0.7   | 0.6     |               | Other infectious and parasitic (communicable) diseases-----     | 2,467   | 2,300   | 1.7   | 1.6   |
|               | (a) Bacillary-----   | 564       | 273       | 0.2   | 0.2     |               | (a) Venereal diseases (except gonorrhoea and syphilis)-----     | 47      | 68      | 0.0   | 0.0   |
|               | (b) Amebic-----  | 113       | 155       | 0.1   | 0.1     |               | (b) Lymphogranulomatosis (Hodgkins disease)-----                | 2,347   | 2,163   | 1.6   | 1.5   |
|               | (c) Other and unspecified forms of dysentery-----  | 601       | 441       | 0.4   | 0.3     |               | (c) Mumps-----  | 58      | 47      | 0.0   | 0.0   |
|               | Diseases due to protozoa (28,29)   |           |           |       |         |               | (d) Other infectious and parasitic (communicable) diseases----- | 17      | 22      | 0.0   | 0.0   |
| 28            | Malaria-----   | 170       | 214       | 0.1   | 0.1     |               | II.—Cancer and other tumors-----                                | 202,386 | 185,594 | 138.5 | 136.4 |
|               | (a) Benign tertian malaria-----  | 9         | 12        | 0.0   | 0.0     | 45-55         | Cancer and other malignant tumors                               | 197,042 | 169,911 | 134.9 | 132.4 |
|               | (b) Quartan malaria-----   | 1         | 3         | 0.0   | 0.0     | 45            | Cancer of the buccal cavity and pharynx-----                    | 5,712   | 5,583   | 3.9   | 3.9   |
|               | (c) Malignant tertian (estivo-autumnal) malaria-----   | 11        | 12        | 0.0   | 0.0     |               | (a) Lip-----  | 568     | 598     | 0.4   | 0.4   |
|               | (d) Malaria (unspecified form)-----  | 149       | 187       | 0.1   | 0.1     |               | (b) Tongue-----   | 1,395   | 1,361   | 1.0   | 0.9   |
| 29            | Other diseases due to parasitic protozoa (except spirochetes)-----   | 38        | 37        | 0.0   | 0.0     |               | (c) Mouth-----  | 834     | 762     | 0.6   | 0.5   |
|               | Diseases due to spirochetes (30-32)  |           |           |       |         |               | (d) Jaw bone-----   | 820     | 896     | 0.6   | 0.6   |
| 30            | Syphilis-----  | 11,616    | 12,671    | 8.0   | 8.8     |               | (e) Unspecified parts of the buccal cavity-----                 | 101     | 98      | 0.1   | 0.1   |
|               |  |           |           |       |         |               | (f) Pharynx-----  | 1,994   | 1,848   | 1.4   | 1.3   |

# SUMMARY AND RATE TABLES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.

(See headnote on p. 14)

| Int. List No. | CAUSE OF DEATH   | NUMBER |        | RATE |      | Int. List No. | CAUSE OF DEATH  | NUMBER  |         | RATE |       |
|---------------|--|--------|--------|------|------|---------------|---|---------|---------|------|-------|
|               |  | 1948   | 1947   | 1948 | 1947 |               |   | 1948    | 1947    |      |       |
|               | <b>II.—Cancer and other tumors—Continued</b>   |        |        |      |      |               | <b>III.—Rheumatism, diseases of nutrition and of the endocrine glands, etc.—Continued</b> |         |         |      |       |
|               | Cancer and other malignant tumors—Continued  |        |        |      |      |               | Rheumatic diseases (58,59)—Con.   |         |         |      |       |
| 46            | Cancer of the digestive organs and peritoneum  | 85,056 | 83,121 | 58.2 | 58.0 | 59            | Chronic rheumatism and other rheumatic diseases   | 1,927   | 1,841   | 1.3  | 1.3   |
|               | (a) Esophagus  | 5,681  | 3,489  | 2.5  | 2.4  |               | (a) Rheumatoid arthritis  | 422     | 401     | 0.3  | 0.3   |
|               | (b) Stomach  | 26,215 | 25,967 | 17.9 | 18.1 |               | (b) Other chronic articular rheumatism  | 1,377   | 1,409   | 0.9  | 1.0   |
|               | (c) Duodenum   | 339    | 352    | 0.2  | 0.2  |               | (c) Other and unspecified forms of chronic rheumatism                                     | 28      | 31      | 0.0  | 0.0   |
|               | (d) Rectum and anus  | 10,834 | 10,428 | 7.4  | 7.3  |               | Diseases of nutrition and of the endocrine glands and other general diseases (60-65)      |         |         |      |       |
|               | (e) Intestines (except duodenum and rectum)  | 22,860 | 22,555 | 15.6 | 15.7 | 60            | Gout  | 3       | 6       | 0.0  | 0.0   |
|               | (f) Liver and biliary passages   | 10,598 | 10,572 | 7.3  | 7.4  | 61            | Diabetes mellitus   | 38,638  | 37,515  | 26.4 | 26.2  |
|               | (g) Pancreas   | 8,234  | 7,587  | 5.6  | 5.3  | 62            | Diseases of the pituitary gland   | 152     | 161     | 0.1  | 0.1   |
|               | (h) Mesentery and peritoneum   | 1,409  | 1,319  | 1.0  | 0.9  | 63            | Diseases of the thyroid and parathyroid glands  | 2,513   | 2,795   | 1.7  | 1.9   |
|               | (m) Other and unspecified sites  | 887    | 852    | 0.6  | 0.6  |               | (a) Simple goiter   | 136     | 146     | 0.1  | 0.1   |
| 47            | Cancer of the respiratory system   | 18,970 | 17,319 | 13.0 | 12.1 |               | (b) Exophthalmic goiter   | 1,976   | 2,243   | 1.4  | 1.6   |
|               | (a) Larynx   | 1,868  | 1,872  | 1.3  | 1.3  |               | (c) Myxedema and cretinism  | 320     | 320     | 0.2  | 0.2   |
|               | (b) Trachea  | 70     | 71     | 0.0  | 0.0  |               | (d) Other diseases of the thyroid glands  | 71      | 60      | 0.0  | 0.0   |
|               | (c) Bronchus   | 5,939  | 5,095  | 4.0  | 3.6  |               | (e) Diseases of the parathyroid glands  | 10      | 28      | 0.0  | 0.0   |
|               | (d) Lung   | 10,493 | 9,571  | 7.2  | 6.7  | 64            | Diseases of the thymus gland  | 828     | 1,092   | 0.6  | 0.8   |
|               | (e) Pleura   | 119    | 151    | 0.1  | 0.1  | 65            | Diseases of the adrenal glands (not specified as tuberculous)                             | 492     | 480     | 0.3  | 0.3   |
|               | (f) Mediastinum and unspecified sites  | 592    | 559    | 0.4  | 0.4  |               | (a) Addison's disease (not specified as tuberculous)                                      | 312     | 291     | 0.2  | 0.2   |
| 48            | Cancer of the uterus   | 17,120 | 17,455 | 11.7 | 12.2 | 66            | (b) Other diseases of the adrenal glands  | 180     | 189     | 0.1  | 0.1   |
|               | (a) Cervix   | 7,993  | 7,978  | 5.5  | 5.6  |               | Other general diseases  | 496     | 500     | 0.3  | 0.3   |
|               | (b) Other and unspecified sites  | 9,137  | 9,477  | 6.3  | 6.6  |               | (a) Osteomalacia  | 7       | 13      | 0.0  | 0.0   |
| 49            | Cancer of other female genital organs  | 6,142  | 5,831  | 4.2  | 4.1  |               | (b) Other general diseases  | 489     | 487     | 0.3  | 0.3   |
|               | (a) Ovary  | 5,287  | 5,028  | 3.6  | 3.5  |               | Avitaminoses (67-71)  |         |         |      |       |
|               | (b) Fallopian tube and parametrium   | 39     | 33     | 0.0  | 0.0  | 67            | Scurvy  | 12      | 22      | 0.0  | 0.0   |
|               | (c) Vagina   | 261    | 285    | 0.2  | 0.2  | 68            | Beriberi  | 66      | 49      | 0.0  | 0.0   |
|               | (d) Vulva  | 477    | 430    | 0.3  | 0.3  | 69            | Pellagra (except alcoholic)   | 806     | 728     | 0.4  | 0.5   |
|               | (e) Other and unspecified sites  | 78     | 57     | 0.1  | 0.0  | 70            | Rickets   | 41      | 53      | 0.0  | 0.0   |
| 50            | Cancer of the breast   | 19,162 | 16,030 | 13.1 | 12.6 | 71            | Other avitaminoses  | 129     | 121     | 0.1  | 0.1   |
| 51            | Cancer of the male genital organs  | 12,764 | 12,013 | 8.7  | 8.4  |               | IV.—Diseases of the blood and blood-forming organs  | 11,687  | 11,349  | 8.0  | 7.9   |
|               | (a) Scrotum  | 35     | 25     | 0.0  | 0.0  |               | Hemorrhagic conditions  | 544     | 575     | 0.4  | 0.4   |
|               | (b) Prostate   | 11,758 | 11,050 | 8.0  | 7.7  | 72            | (a) Primary purpura   | 412     | 459     | 0.3  | 0.3   |
|               | (c) Testes   | 663    | 643    | 0.5  | 0.4  |               | (b) Hemophilia  | 129     | 116     | 0.1  | 0.1   |
|               | (d) Penis  | 297    | 274    | 0.2  | 0.2  |               | (c) Other hemorrhagic conditions  | 4       | -       | 0.0  | 0.0   |
|               | (e) Other and unspecified sites  | 11     | 21     | 0.0  | 0.0  | 73            | Anemias (except splenic anemia)   | 2,605   | 2,750   | 1.9  | 1.9   |
| 52            | Cancer of the urinary organs (male and female)   | 9,785  | 9,534  | 6.7  | 6.5  |               | (a) Pernicious anemia   | 1,453   | 1,598   | 1.0  | 1.1   |
|               | (a) Kidney   | 3,342  | 3,208  | 2.3  | 2.2  |               | (b) Other hyperchromic anemias  | 93      | 120     | 0.1  | 0.1   |
|               | (b) Bladder  | 6,278  | 6,015  | 4.3  | 4.2  | 74            | (c) Hypochromic anemias   | 18      | 22      | 0.0  | 0.0   |
|               | (c) Other and unspecified sites  | 163    | 111    | 0.1  | 0.1  |               | (d) Other and unspecified anemias   | 1,041   | 1,010   | 0.7  | 0.7   |
| 53            | Cancer of the skin (except vulva and scrotum)  | 3,588  | 3,474  | 2.4  | 2.4  | 75            | Leukemias and leukemias   | 7,782   | 7,293   | 5.3  | 5.1   |
| 54            | Cancer of the brain and other parts of the central nervous system (including gliomas, except when specified as benign) | 3,890  | 3,436  | 2.7  | 2.4  |               | (a) Leukemias   | 7,448   | 6,954   | 5.1  | 4.8   |
|               | (a) Glioma   | 2,012  | 1,782  | 1.4  | 1.2  |               | (b) Leukemias   | 334     | 339     | 0.2  | 0.2   |
|               | (b) Other and unspecified cancers of the brain and central nervous system  | 1,878  | 1,644  | 1.3  | 1.1  | 76            | Diseases of the spleen  | 474     | 453     | 0.3  | 0.3   |
| 55            | Cancer of other and unspecified organs   | 14,875 | 14,215 | 10.2 | 9.9  |               | (a) Splenic anemia  | 65      | 61      | 0.0  | 0.0   |
|               | (a) Adrenal gland  | 220    | 222    | 0.2  | 0.2  |               | (b) Splenomegaly (of undetermined nature)   | 291     | 289     | 0.2  | 0.2   |
|               | (b) Bone (except jaw bone and accessory sinuses)   | 2,366  | 2,347  | 1.6  | 1.6  |               | (c) Other diseases of the spleen  | 118     | 123     | 0.1  | 0.1   |
|               | (c) Thyroid gland  | 777    | 786    | 0.5  | 0.5  | 77            | Other diseases of the blood and blood-forming organs                                      | 292     | 278     | 0.2  | 0.2   |
|               | (d) Nasal cavity and accessory sinuses   | 394    | 379    | 0.3  | 0.3  |               | (a) Agranulocytosis   | 132     | 126     | 0.1  | 0.1   |
|               | (e) Other and unspecified organs   | 11,118 | 10,481 | 7.6  | 7.3  |               | (b) Erythrocytosis  | 52      | 54      | 0.0  | 0.0   |
|               | Nonmalignant tumors and tumors of unspecified nature (56,57)   |        |        |      |      |               | (c) Hemoglobinemia  | 5       | 5       | 0.0  | 0.0   |
| 56            | Nonmalignant tumors (including dermoid cysts)  | 3,013  | 3,349  | 2.1  | 2.3  |               | (d) Other diseases of the blood and blood-forming organs                                  | 103     | 93      | 0.1  | 0.1   |
|               | (a) Ovary  | 447    | 496    | 0.3  | 0.3  |               | V.—Chronic poisoning and intoxication   | 2,550   | 2,351   | 1.7  | 1.6   |
|               | (b) Uterus   | 1,113  | 1,271  | 0.8  | 0.9  |               | Alcoholism (ethylishm)  | 2,433   | 2,249   | 1.7  | 1.6   |
|               | (c) Other female genital organs  | 29     | 44     | 0.0  | 0.0  |               | (a) Alcoholic pellagra  | 3       | 1       | 0.0  | 0.0   |
|               | (d) Brain and other parts of the central nervous system  | 773    | 887    | 0.5  | 0.6  |               | (b) Other deficiency states associated with alcoholism                                    | 48      | 44      | 0.0  | 0.0   |
|               | (e) Other and unspecified organs   | 652    | 651    | 0.4  | 0.5  |               | (a) Acute alcoholism  | 869     | 816     | 0.6  | 0.6   |
| 57            | Tumors of unspecified nature   | 2,331  | 2,434  | 1.6  | 1.7  |               | (b) Chronic alcoholism  | 941     | 851     | 0.6  | 0.6   |
|               | (a) Ovary  | 19     | 19     | 0.0  | 0.0  |               | (c) Other and unspecified alcoholism  | 572     | 537     | 0.4  | 0.4   |
|               | (b) Uterus   | 16     | 24     | 0.0  | 0.0  |               | Lead poisoning  | 46      | 32      | 0.0  | 0.0   |
|               | (c) Other female genital organs  | 23     | 21     | 0.0  | 0.0  |               | (a) Specified as occupational   | 19      | 15      | 0.0  | 0.0   |
|               | (d) Brain and other parts of the central nervous system  | 1,550  | 1,591  | 1.1  | 1.1  |               | (b) Not specified as occupational   | 27      | 19      | 0.0  | 0.0   |
|               | (e) Other and unspecified organs   | 723    | 779    | 0.5  | 0.5  | 78            | Chronic poisoning by other mineral or organic substances                                  | 71      | 70      | 0.0  | 0.0   |
|               | III.—Rheumatism, diseases of nutrition and of the endocrine glands, other general diseases, and avitaminoses           | 46,730 | 46,387 | 32.0 | 32.3 |               | (a) Specified as occupational   | 24      | 11      | 0.0  | 0.0   |
|               | Rheumatic diseases (58,59)   |        |        |      |      |               | (b) Not specified as occupational   | 47      | 59      | 0.0  | 0.0   |
| 58            | Acute rheumatic fever  | 927    | 1,024  | 0.6  | 0.7  | 79            | VI.—Diseases of the nervous system and sense organs                                       | 145,534 | 145,970 | 99.6 | 101.8 |
|               | (a) Acute rheumatic pericarditis   | 35     | 58     | 0.0  | 0.0  |               | Encephalitis (non-epidemic)   | 1,163   | 1,162   | 0.8  | 0.8   |
|               | (b) Acute rheumatic endocarditis   | 205    | 298    | 0.1  | 0.2  |               | (a) Intracranial abscess  | 376     | 384     | 0.3  | 0.3   |
|               | (c) Acute rheumatic myocarditis  | 106    | 117    | 0.1  | 0.1  |               | (b) Other encephalitis (non-epidemic)   | 787     | 778     | 0.5  | 0.5   |
|               | (d) Other acute rheumatic heart diseases   | 206    | 194    | 0.1  | 0.1  |               |   |         |         |      |       |
|               | (e) Other forms of acute rheumatic fever   | 292    | 299    | 0.2  | 0.2  | 80            |   |         |         |      |       |
|               | (f) Rheumatism (not specified as acute or chronic)   | 83     | 78     | 0.1  | 0.1  |               |   |         |         |      |       |

## VITAL STATISTICS OF THE UNITED STATES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.

(See headnote on p. 14)

| Int. List No. | CAUSE OF DEATH   | NUMBER  |         | RATE  |       | Int. List No. | CAUSE OF DEATH  | NUMBER  |         | RATE  |       |
|---------------|--|---------|---------|-------|-------|---------------|---|---------|---------|-------|-------|
|               |  | 1948    | 1947    | 1948  | 1947  |               |   | 1948    | 1947    |       |       |
|               | VI.—Diseases of the nervous system and sense organs—Continued  |         |         |       |       |               | VII.—Diseases of the circulatory system—Continued   |         |         |       |       |
| 81            | Meningitis (not due to meningococcus)-----   | 1,851   | 2,009   | 1.3   | 1.4   | 94            | Diseases of heart (all forms)—Continued   |         |         |       |       |
|               | (a) Simple meningitis-----   | 1,805   | 1,946   | 1.2   | 1.4   |               | Diseases of the coronary arteries and angina pectoris-----                                      | 160,520 | 154,131 | 109.9 | 107.5 |
|               | (b) Acute cerebrospinal meningitis (not due to meningococcus)-----   | 46      | 63      | 0.0   | 0.0   |               | (a) Diseases of the coronary arteries-----  | 157,853 | 150,806 | 108.0 | 105.2 |
| 82            | Diseases of the spinal cord (except locomotor ataxia and disseminated sclerosis)-----                      | 2,574   | 2,619   | 1.9   | 1.8   | 95            | (b) Angina pectoris-----  | 2,667   | 3,325   | 1.0   | 2.3   |
| 85            | Intracranial lesions of vascular origin-----   | 151,036 | 151,059 | 89.7  | 91.4  |               | Other diseases of the heart-----  | 35,564  | 34,150  | 25.0  | 23.8  |
|               | (a) Cerebral hemorrhage or effusion (excluding birth injuries)-----  | 110,594 | 111,725 | 75.6  | 77.9  |               | (a) Functional diseases of the heart (without mention of organic lesion)-----                   | 1,059   | 1,047   | 0.7   | 0.7   |
|               | (b) Cerebral embolism and thrombosis-----  | 16,797  | 15,448  | 11.5  | 10.8  |               | (b) Other diseases of the heart, specified as rheumatic-----                                    | 7,423   | 7,085   | 5.1   | 4.9   |
|               | (c) Cerebral softening-----  | 946     | 773     | 0.6   | 0.5   | 96            | (c) Other diseases of the heart, not specified as rheumatic-----                                | 25,122  | 26,020  | 17.2  | 18.1  |
|               | (d) Hemiplegia and other paralysis of unspecified origin-----  | 2,899   | 3,093   | 2.0   | 2.2   | 97            | Aneurysm (except of heart and aorta)—Arteriosclerosis (except coronary or renal sclerosis)----- | 2,613   | 2,257   | 1.8   | 1.6   |
| 84            | Mental diseases and deficiency (except general paralysis of the insane)-----                               | 1,376   | 1,569   | 0.9   | 1.1   | 98            | Gangrene-----   | 25,628  | 25,317  | 17.5  | 17.7  |
|               | (a) Mental deficiency-----   | 318     | 355     | 0.2   | 0.2   | 99            | Other diseases of the arteries-----   | 349     | 390     | 0.2   | 0.3   |
|               | (b) Schizophrenia (dementia praecox)-----  | 270     | 351     | 0.2   | 0.2   | 100           | Diseases of the veins-----  | 2,055   | 2,040   | 1.4   | 1.4   |
|               | (c) Manic-depressive psychosis-----  | 176     | 186     | 0.1   | 0.1   |               | (a) Varices-----  | 1,420   | 1,379   | 1.0   | 1.0   |
|               | (d) Other mental diseases-----   | 612     | 677     | 0.4   | 0.5   |               | (b) Other diseases of the veins-----  | 308     | 310     | 0.2   | 0.2   |
| 85            | Epilepsy-----  | 1,969   | 2,247   | 1.3   | 1.6   | 101           | Diseases of the lymphatic system-----   | 1,112   | 1,069   | 0.8   | 0.7   |
| 86            | Convulsions (under 5 years of age)-----  | 285     | 304     | 0.2   | 0.2   | 102           | High blood pressure (idiopathic)-----   | 49      | 56      | 0.0   | 0.0   |
| 87            | Other diseases of the nervous system-----  | 4,620   | 4,296   | 3.2   | 3.0   | 103           | Other diseases of the circulatory system-----   | 1,936   | 1,911   | 1.3   | 1.3   |
|               | (a) Chorea-----  | 9       | 15      | 0.0   | 0.0   |               |   | 197     | 213     | 0.1   | 0.1   |
|               | (b) Neuritis (except rheumatic or alcoholic)-----  | 111     | 99      | 0.1   | 0.1   |               | VIII.—Diseases of the respiratory system-----   | 65,929  | 68,771  | 45.1  | 46.0  |
|               | (c) Paralysis agitans (except result of encephalitis)-----   | 1,588   | 1,460   | 1.1   | 1.0   | 104           | Diseases of the nasal fossae and accessory sinuses-----   | 451     | 454     | 0.3   | 0.3   |
|               | (d) Disseminated sclerosis-----  | 1,683   | 1,529   | 1.2   | 1.1   |               | (a) Diseases of the nasal fossae-----   | 274     | 250     | 0.2   | 0.2   |
|               | (e) Other diseases of the nervous system-----  | 1,229   | 1,193   | 0.8   | 0.8   | 105           | (b) Diseases of the accessory sinuses-----  | 177     | 204     | 0.1   | 0.1   |
| 88            | Diseases of the organs of vision-----  | 38      | 52      | 0.0   | 0.0   | 106           | Diseases of the larynx-----   | 245     | 290     | 0.2   | 0.2   |
| 89            | Diseases of the ear and mastoid process-----   | 622     | 673     | 0.4   | 0.5   | 107           | Bronchitis-----   | 3,450   | 3,467   | 2.4   | 2.4   |
|               | (a) Otitis and other diseases of the ear-----  | 468     | 542     | 0.3   | 0.4   |               | (a) Acute-----  | 825     | 820     | 0.6   | 0.6   |
|               | (b) Diseases of the mastoid process-----   | 154     | 131     | 0.1   | 0.1   | 108           | (b) Chronic-----  | 2,051   | 2,085   | 1.4   | 1.4   |
|               | VII.—Diseases of the circulatory system-----   | 505,716 | 494,113 | 346.1 | 344.6 | 109           | (c) Unspecified-----  | 574     | 582     | 0.4   | 0.4   |
| 90-95         | Diseases of heart (all forms)-----   | 471,469 | 460,580 | 322.7 | 321.2 | 110           | Bronchopneumonia (including capillary bronchitis)-----  | 27,722  | 28,067  | 19.0  | 19.6  |
| 90            | Pericarditis (except acute rheumatic)-----   | 469     | 521     | 0.3   | 0.4   | 109           | Lobar pneumonia-----  | 18,028  | 20,272  | 12.3  | 14.1  |
|               | (a) Chronic rheumatic pericarditis-----  | 12      | 22      | 0.0   | 0.0   | 109           | Pneumonia (unspecified)-----  | 5,675   | 5,615   | 3.9   | 4.1   |
|               | (b) Other pericarditis-----  | 457     | 499     | 0.3   | 0.3   | 109           | (A) Atypical or virus pneumonia-----  | 1,160   | 1,058   | 0.8   | 0.7   |
| 91            | Acute endocarditis (except rheumatic)-----   | 1,102   | 1,202   | 0.8   | 0.9   | 110           | (B) Pneumonia (all other, unspecified)-----   | 4,515   | 4,774   | 3.1   | 3.3   |
|               | (a) Bacterial endocarditis (acute, subacute, or unspecified)-----  | 713     | 786     | 0.5   | 0.5   | 110           | Pleurisy (not specified as tuberculous)-----  | 1,108   | 1,172   | 0.8   | 0.8   |
|               | (b) Other acute or subacute endocarditis-----  | 313     | 320     | 0.2   | 0.2   |               | (a) Empyema-----  | 424     | 504     | 0.3   | 0.4   |
|               | (c) Endocarditis (not specified as acute, chronic, or rheumatic, under 45 years of age)-----               | 76      | 96      | 0.1   | 0.1   | 111           | (b) Other and unspecified forms of pleurisy-----  | 684     | 668     | 0.5   | 0.5   |
| 92            | Chronic affections of the valves and endocardium-----  | 29,544  | 31,968  | 20.2  | 22.3  | 111           | Hemorrhagic infarction, thrombosis, edema, and chronic congestion of the lungs-----             | 4,114   | 4,202   | 2.8   | 2.9   |
|               | (a) Diseases of the aortic valve (without mention of diseases of the mitral valve or rheumatic fever)----- | 3,052   | 3,021   | 2.1   | 2.1   |               | (a) Hemorrhagic infarction and thrombosis of the lungs-----                                     | 1,798   | 1,782   | 1.2   | 1.2   |
|               | (b) Diseases of the mitral valve (whether or not specified as rheumatic)-----                              | 12,550  | 13,371  | 8.6   | 9.3   |               | (b) Acute edema of the lungs-----   | 185     | 160     | 0.1   | 0.1   |
|               | (c) Diseases of other and unspecified valves and chronic endocarditis, specified as rheumatic-----         | 2,037   | 2,098   | 1.4   | 1.5   | 112           | (c) Chronic and unspecified congestion of the lungs-----  | 2,131   | 2,260   | 1.5   | 1.6   |
|               | (d) Diseases of other and unspecified valves and chronic endocarditis, not specified as rheumatic-----     | 10,579  | 11,935  | 7.2   | 8.3   | 113           | Asthma-----   | 2,627   | 2,712   | 1.8   | 1.9   |
|               | (e) Endocarditis (not specified as acute, chronic, or rheumatic, 45 years of age and over)-----            | 1,326   | 1,543   | 0.9   | 1.1   | 114           | Pulmonary emphysema-----  | 449     | 328     | 0.3   | 0.2   |
| 93            | Diseases of the myocardium-----  | 246,250 | 239,608 | 169.5 | 166.4 |               | Other diseases of the respiratory system (except tuberculosis)-----                             | 2,060   | 1,974   | 1.4   | 1.4   |
|               | (a) Acute myocarditis (except rheumatic)-----  | 2,895   | 3,278   | 2.0   | 2.3   |               | (a) Silicosis-----  | 518     | 453     | 0.4   | 0.5   |
|               | (b) Myocarditis (not specified as acute, chronic, or rheumatic, under 45 years of age)-----                | 259     | 340     | 0.2   | 0.2   |               | (b) Other and unspecified forms of pneumoconioses-----  | 109     | 159     | 0.1   | 0.1   |
|               | (c) Chronic myocarditis and myocardial degeneration, specified as rheumatic-----                           | 1,265   | 1,293   | 0.9   | 0.9   |               | (c) Gangrene of lung-----   | 45      | 62      | 0.0   | 0.0   |
|               | (d) Chronic myocarditis and myocardial degeneration, not specified as rheumatic-----                       | 227,042 | 218,111 | 155.4 | 152.1 |               | (d) Abscess of lung-----  | 462     | 491     | 0.3   | 0.3   |
|               | (e) Other myocarditis (not specified as acute, chronic, or rheumatic)-----                                 | 14,789  | 15,596  | 10.1  | 10.9  |               | (e) Other and unspecified diseases of the respiratory system-----                               | 326     | 609     | 0.6   | 0.6   |
|               |  |         |         |       |       |               | IX.—Diseases of the digestive system-----   | 63,319  | 62,053  | 43.3  | 43.3  |
|               |  |         |         |       |       | 115           | Diseases of the buccal cavity, pharynx, tonsils, and adnexa-----                                | 1,310   | 1,360   | 0.9   | 0.9   |
|               |  |         |         |       |       |               | (a) Diseases of the teeth and gums-----   | 93      | 95      | 0.1   | 0.1   |
|               |  |         |         |       |       |               | (b) Septic sore throat-----   | 392     | 407     | 0.3   | 0.3   |
|               |  |         |         |       |       |               | (c) Diseases of the pharynx and tonsils-----  | 721     | 747     | 0.5   | 0.5   |
|               |  |         |         |       |       |               | (d) Diseases of other and unspecified parts of the buccal cavity and adnexa-----                | 104     | 111     | 0.1   | 0.1   |
|               |  |         |         |       |       | 116           | Diseases of the esophagus-----  | 285     | 245     | 0.2   | 0.2   |
|               |  |         |         |       |       | 117           | Ulcer of stomach or duodenum-----   | 8,708   | 8,611   | 6.0   | 6.0   |
|               |  |         |         |       |       |               | (a) Stomach-----  | 5,297   | 5,353   | 3.6   | 3.7   |
|               |  |         |         |       |       |               | (b) Duodenum-----   | 3,411   | 3,278   | 2.3   | 2.3   |
|               |  |         |         |       |       | 118           | Other diseases of the stomach (except cancer)-----  | 1,259   | 1,342   | 0.9   | 0.9   |
|               |  |         |         |       |       | 119           | Diarrhea, enteritis, and ulceration of the intestines (under 2 years of age)-----               | 6,908   | 6,046   | 4.7   | 4.2   |
|               |  |         |         |       |       |               | (a) Diarrhea and enteritis-----   | 6,853   | 5,998   | 4.7   | 4.2   |
|               |  |         |         |       |       |               | (b) Ulceration of the intestines (except duodenum)-----   | 55      | 48      | 0.0   | 0.0   |

# SUMMARY AND RATE TABLES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.

(See headnote on p. 14)

| Int. List No. | CAUSE OF DEATH   | NUMBER |        | RATE |      | Int. List No. | CAUSE OF DEATH   | NUMBER |       | RATE |      |
|---------------|--|--------|--------|------|------|---------------|--|--------|-------|------|------|
|               |  | 1948   | 1947   | 1948 | 1947 |               |  | 1948   | 1947  | 1948 | 1947 |
|               | <b>IX.—Diseases of the digestive system—Continued</b>  |        |        |      |      |               | <b>XI.—Diseases of pregnancy, childbirth, and the puerperium—Continued</b>   |        |       |      |      |
| 120           | Diarrhea, enteritis, and ulceration of the intestines (2 years of age and over)-----   | 1,923  | 2,023  | 1.3  | 1.4  |               | Abortion without mention of infection—Continued  |        |       |      |      |
|               | (a) Diarrhea and enteritis-----  | 1,259  | 1,328  | 0.9  | 0.9  |               | (c) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of toxemia (but not hemorrhage, trauma or shock)----- | 55     | 55    | 0.0  | 0.0  |
| 121           | (b) Ulceration of the intestines (except duodenum)-----  | 664    | 695    | 0.5  | 0.5  |               | (d) Abortion (spontaneous, therapeutic, or of unspecified origin) (without mention of hemorrhage, trauma or shock, or toxemia)-----  | 59     | 63    | 0.0  | 0.0  |
| 122           | Appendicitis-----  | 4,171  | 4,786  | 2.9  | 3.3  |               | (e) Self-induced abortion-----   | 9      | 7     | 0.0  | 0.0  |
|               | Hernia and intestinal obstruction-----   | 10,099 | 10,784 | 6.9  | 7.5  | 142           | (f) Abortion (induced for nontherapeutic reasons by persons other than the woman herself)-----                                       | 243    | 300   | 0.2  | 0.2  |
|               | (a) Hernia-----  | 4,321  | 4,492  | 3.0  | 3.1  |               | (a) With mention of infection-----   | 43     | 51    | 0.0  | 0.0  |
|               | (b) Intestinal obstruction-----  | 5,778  | 6,272  | 4.0  | 4.4  |               | (b) Without mention of infection-----  | 200    | 249   | 0.1  | 0.2  |
| 123           | Other diseases of the intestines-----  | 1,992  | 1,876  | 1.4  | 1.3  | 143           | Hemorrhage of pregnancy (death before delivery)-----   | 55     | 62    | 0.0  | 0.0  |
| 124           | Cirrhosis of the liver-----  | 16,312 | 14,940 | 11.3 | 10.4 |               | (a) Placenta praevia-----  | 16     | 18    | 0.0  | 0.0  |
|               | (a) With mention of alcoholism-----  | 2,895  | 2,228  | 2.0  | 1.6  |               | (b) Premature separation of placenta-----  | 11     | 17    | 0.0  | 0.0  |
|               | (b) Without mention of alcoholism-----   | 13,627 | 12,712 | 9.3  | 8.9  |               | (c) Other or unspecified hemorrhage of pregnancy-----  | 29     | 27    | 0.0  | 0.0  |
| 125           | Other diseases of the liver-----   | 1,886  | 1,845  | 1.3  | 1.3  | 144           | Toxemias of pregnancy (death before delivery)-----   | 458    | 497   | 0.3  | 0.3  |
|               | (a) Acute yellow atrophy of the liver (nonpuerperal)-----  | 795    | 736    | 0.5  | 0.5  |               | (a) Eclampsia of pregnancy-----  | 244    | 259   | 0.2  | 0.2  |
|               | (b) Other diseases of the liver-----   | 1,093  | 1,109  | 0.7  | 0.8  |               | (b) Albuminuria and nephritis of pregnancy-----  | 83     | 111   | 0.1  | 0.1  |
| 126           | Biliary calculi-----   | 3,775  | 3,863  | 2.6  | 2.7  |               | (c) Acute yellow atrophy of liver (during pregnancy)-----  | 21     | 13    | 0.0  | 0.0  |
| 127           | Other diseases of the gallbladder and biliary ducts-----   | 2,473  | 2,445  | 1.7  | 1.7  | 145           | (d) Other toxemias of pregnancy-----   | 110    | 114   | 0.1  | 0.1  |
|               | (a) Cholecystitis (without mention of biliary calculus)-----   | 1,697  | 1,641  | 1.2  | 1.1  |               | Other diseases and accidents of pregnancy (death before delivery)-----   | 258    | 255   | 0.2  | 0.2  |
|               | (b) Other diseases of the gallbladder and biliary ducts-----   | 776    | 804    | 0.5  | 0.6  |               | (A) With mention of infection-----   | 171    | 162   | 0.1  | 0.1  |
| 128           | Diseases of the pancreas (except diabetes mellitus)-----   | 1,213  | 1,039  | 0.8  | 0.7  |               | (B) Without mention of infection-----  | 87     | 93    | 0.1  | 0.1  |
| 129           | Peritonitis (cause not stated)-----  | 805    | 870    | 0.6  | 0.6  | 146           | Hemorrhage of childbirth and the puerperium-----   | 718    | 788   | 0.5  | 0.5  |
|               | <b>X.—Diseases of the genitourinary system-----</b>  | 90,549 | 95,963 | 62.0 | 65.5 |               | (a) Placenta praevia (with childbirth)-----  | 119    | 125   | 0.1  | 0.1  |
| 130           | Acute nephritis-----   | 2,136  | 2,114  | 1.5  | 1.5  |               | (b) Premature separation of placenta (with childbirth)-----  | 173    | 163   | 0.1  | 0.1  |
| 131           | Chronic nephritis-----   | 71,666 | 74,296 | 49.0 | 51.8 |               | (c) Other and unspecified hemorrhages of childbirth and the puerperium-----  | 426    | 500   | 0.3  | 0.3  |
|               | (a) Arteriosclerotic kidney-----   | 55,407 | 56,691 | 37.9 | 39.5 | 147           | Infection during childbirth and the puerperium-----  | 706    | 1,006 | 0.5  | 0.7  |
|               | (b) Other chronic nephritis-----   | 16,259 | 17,605 | 11.1 | 12.3 |               | (a) Puerperal pyelitis and pyelonephritis-----   | 13     | 22    | 0.0  | 0.0  |
| 132           | Nephritis unspecified (10 years of age and over)-----  | 3,575  | 3,878  | 2.4  | 2.7  | 148           | (b) General or local puerperal infection (except pyelitis)-----  | 259    | 339   | 0.2  | 0.2  |
| 133           | Other diseases of the kidneys and ureters (except diseases associated with pregnancy, childbirth, or the puerperium)-----            | 3,187  | 3,088  | 2.2  | 2.2  |               | (c) Puerperal thrombophlebitis-----  | 89     | 158   | 0.1  | 0.1  |
|               | (a) Pyelitis, pyelonephritis, and pyelocystitis-----   | 2,298  | 2,225  | 1.6  | 1.6  | 149           | (d) Puerperal embolism and sudden death-----   | 345    | 487   | 0.2  | 0.3  |
|               | (b) Other diseases of the kidneys and ureters-----   | 889    | 863    | 0.6  | 0.6  |               | Puerperal toxemias (excluding death before delivery)-----  | 644    | 784   | 0.4  | 0.5  |
| 134           | Calculi of the urinary passages-----   | 1,342  | 1,398  | 0.9  | 1.0  |               | (a) Puerperal eclampsia-----   | 356    | 437   | 0.2  | 0.3  |
|               | (a) Kidneys and ureters-----   | 1,117  | 1,125  | 0.8  | 0.8  |               | (b) Puerperal albuminuria and nephritis-----   | 145    | 174   | 0.1  | 0.1  |
|               | (b) Bladder-----   | 203    | 247    | 0.1  | 0.2  | 150           | (c) Acute yellow atrophy of the liver (puerperal)-----   | 31     | 28    | 0.0  | 0.0  |
|               | (c) Other and unspecified parts of the urinary passages-----   | 22     | 28     | 0.0  | 0.0  |               | (d) Other puerperal toxemias-----  | 112    | 145   | 0.1  | 0.1  |
| 135           | Diseases of the urinary bladder-----   | 551    | 605    | 0.4  | 0.4  |               | Other accidents and specified conditions of childbirth-----  | 302    | 376   | 0.2  | 0.3  |
|               | (a) Cystitis-----  | 167    | 201    | 0.1  | 0.1  |               | (a) Laceration, rupture, or other trauma of pelvic organs and tissue-----  | 73     | 98    | 0.0  | 0.1  |
|               | (b) Other diseases of the bladder-----   | 384    | 404    | 0.3  | 0.3  |               | (b) Other specified conditions of childbirth-----  | 229    | 278   | 0.2  | 0.2  |
| 136           | Diseases of the urethra (except calculus)-----   | 274    | 328    | 0.2  | 0.2  |               | Other and unspecified conditions of childbirth and the puerperium-----   | 242    | 325   | 0.2  | 0.2  |
|               | (a) Stricture of the urethra-----  | 141    | 176    | 0.1  | 0.1  |               | (a) Infection of breast during lactation-----  | 1      | 1     | 0.0  | 0.0  |
|               | (b) Others under this title-----   | 133    | 152    | 0.1  | 0.1  |               | (b) Psychosis of the puerperium-----   | 8      | 12    | 0.0  | 0.0  |
| 137           | Diseases of the prostate-----  | 6,790  | 7,092  | 4.6  | 4.9  |               | (c) Other and unspecified conditions of childbirth and the puerperium-----   | 233    | 312   | 0.2  | 0.2  |
|               | (a) Hypertrophy of the prostate-----   | 5,808  | 6,089  | 4.0  | 4.2  |               | <b>XII.—Diseases of the skin and cellular tissue-----</b>  | 941    | 934   | 0.6  | 0.7  |
|               | (b) Other diseases of the prostate-----  | 982    | 1,003  | 0.7  | 0.7  |               | Carbuncle and furuncle-----  | 41     | 49    | 0.0  | 0.0  |
| 138           | Diseases of other male genital organs (not specified as venereal)-----   | 34     | 27     | 0.0  | 0.0  |               | Phlegmon and acute abscess-----  | 157    | 154   | 0.1  | 0.1  |
| 139           | Diseases of the female genital organs-----   | 994    | 1,137  | 0.7  | 0.8  |               | Other diseases of the skin and cellular tissue-----  | 765    | 771   | 0.5  | 0.5  |
|               | (a) Ovaries, fallopian tubes, and parametria-----  | 580    | 640    | 0.4  | 0.4  |               | <b>XIII.—Diseases of the bones and organs of movement-----</b>   | 759    | 726   | 0.5  | 0.5  |
|               | (b) Uterus-----  | 392    | 475    | 0.3  | 0.3  |               | Osteomyelitis and periostitis-----   | 170    | 190   | 0.1  | 0.1  |
|               | (c) Other and unspecified female genital organs-----   | 22     | 22     | 0.0  | 0.0  |               | (a) Acute-----   | 3      | 6     | 0.0  | 0.0  |
|               | <b>XI.—Diseases of pregnancy, childbirth, and the puerperium-----</b>  | 4,122  | 4,978  | 2.8  | 3.5  |               | (b) Chronic or unspecified-----  | 167    | 184   | 0.1  | 0.1  |
| 140           | Abortion with mention of infection-----  | 289    | 372    | 0.2  | 0.3  |               | Other diseases of the bones (except tuberculosis)-----   | 191    | 206   | 0.1  | 0.1  |
|               | (a) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of pyelitis-----                                      | 1      | 6      | 0.0  | 0.0  | 154           | Diseases of the joints and other organs of movement-----   | 598    | 530   | 0.3  | 0.2  |
|               | (b) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of other infection-----                               | 221    | 279    | 0.2  | 0.2  |               | (a) Diseases of the joints (except tuberculosis and rheumatism)-----   | 55     | 64    | 0.0  | 0.0  |
|               | (c) Self-induced abortion with mention of infection-----   | 35     | 29     | 0.0  | 0.0  | 155           | (b) Diseases of other and unspecified organs of movement-----  | 343    | 266   | 0.2  | 0.2  |
|               | (d) Abortion (induced for nontherapeutic reasons by persons other than the woman herself) with mention of infection-----             | 52     | 58     | 0.0  | 0.0  | 156           |  |        |       |      |      |
| 141           | Abortion without mention of infection-----   | 207    | 213    | 0.1  | 0.1  |               |  |        |       |      |      |
|               | (a) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of hemorrhage, trauma or shock, and toxemia-----      | 7      | 4      | 0.0  | 0.0  |               |  |        |       |      |      |
|               | (b) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of hemorrhage, trauma or shock (but not toxemia)----- | 70     | 73     | 0.0  | 0.1  |               |  |        |       |      |      |

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1947 AND 1948—Con.

(See headnote on p. 14)

| Int. List No.   | CAUSE OF DEATH  | NUMBER             |                    | RATE               |                    | Int. List No.  | CAUSE OF DEATH  | NUMBER |        | RATE |      |
|---|---|--------------------|--------------------|--------------------|--------------------|--|---|--------|--------|------|------|
|   |   | 1948               | 1947               | 1948               | 1947               |  |   | 1948   | 1947   |      |      |
| 157   | XIV.—Congenital malformations--   | 19,248             | 20,315             | 13.2               | 14.2               |  | XVII.—Violent or accidental deaths—Continued  |        |        |      |      |
|   | Congenital malformations (still-births not included)-----                           | 19,248             | 20,315             | 13.2               | 14.2               |  | Accidental deaths—Continued   |        |        |      |      |
|   | Congenital malformations of the central nervous system-----                         |                    |                    |                    |                    |  | Motor-vehicle accidents—Continued   |        |        |      |      |
|   | (a) Congenital hydrocephalus-----   | 2,852              | 2,977              | 2.0                | 2.1                |  | (b) Collisions between automobiles and streetcars-----  | 85     | 102    | 0.1  | 0.1  |
|   | (b) Spina bifida and meningocele-----   | 1,311              | 1,398              | 0.9                | 1.0                |  | (c) Automobile accidents (except collisions with trains or streetcars)-----   | 29,915 | 30,074 | 20.5 | 21.0 |
|   | (c) Anencephalus-----   | 560                | 562                | 0.4                | 0.4                |  | (d) Motorcycle accidents (except collisions with automobiles)-----  | 787    | 785    | 0.5  | 0.5  |
|   | (d) Other congenital malformations of the central nervous system-----               | 1,137              | 1,055              | 0.8                | 0.7                | 171  | Streetcar and other road-transport accidents-----   | 484    | 597    | 0.3  | 0.4  |
|   | Congenital malformations of the cardiovascular system-----                          |                    |                    |                    |                    |  | (a) Streetcar accidents (except collisions with trains or motor vehicles)-----  | 325    | 422    | 0.2  | 0.3  |
|   | (e) Congenital malformations of the heart-----                                      | 8,784              | 9,413              | 6.0                | 6.6                |  | (b) Other and unspecified road-transport accidents-----   | 159    | 175    | 0.1  | 0.1  |
|   | (f) Other congenital malformations of the cardiovascular system-----                | 232                | 207                | 0.2                | 0.1                | 172  | Water-transport accidents-----  | 1,364  | 1,244  | 0.9  | 0.9  |
|   | Other congenital malformations-----   |                    |                    |                    |                    | 173  | Air-transport accidents-----  | 1,912  | 2,013  | 1.3  | 1.4  |
|   | (g) Congenital malformations of the digestive system-----                           | 3,104              | 3,345              | 2.1                | 2.3                | 174  | Accidents in mines and quarries-----  | 1,348  | 1,509  | 0.9  | 1.1  |
|   | (h) Congenital malformations of the genito-urinary system-----                      | 366                | 409                | 0.3                | 0.3                | 175  | Agricultural and forestry accidents-----  | 2,294  | 2,287  | 1.6  | 1.6  |
| (m) Other and unspecified congenital malformations----- | 900   | 949                | 0.6                | 0.7                |                    | (a) Accidents involving agricultural machinery and vehicles----- | 921   | 914    | 0.6    | 0.6  |      |
| XV.—Diseases peculiar to the first year of life-----    | 61,543  | 65,309             | 42.1               | 45.5               |                    | (b) Injury by animals, in agriculture-----                       | 211   | 278    | 0.1    | 0.2  |      |
| 158   | Congenital debility (cause not stated)-----   | 1,613              | 1,718              | 1.1                | 1.2                |  | (c) Other agricultural accidents-----   | 734    | 666    | 0.5  | 0.5  |
| 159   | Premature birth (cause not stated)-----   | 39,085             | 41,053             | 26.7               | 28.6               |  | (d) Accidents involving forestry machinery and vehicles-----  | 87     | 62     | 0.1  | 0.0  |
| 160   | Injury at birth-----  | 12,191             | 13,075             | 8.3                | 9.1                | 176  | (e) Other forestry accidents-----   | 341    | 367    | 0.2  | 0.3  |
|   | (a) Intracranial or spinal hemorrhage-----  | 5,013              | 5,683              | 3.4                | 4.0                | 177  | Other accidents involving machinery-----  | 1,240  | 1,209  | 0.8  | 0.8  |
|   | (b) Other intracranial or spinal injuries-----                                      | 764                | 833                | 0.5                | 0.6                | 178  | Food poisoning-----   | 277    | 518    | 0.2  | 0.2  |
|   | (c) Other injuries at birth-----  | 6,424              | 6,589              | 4.4                | 4.6                |  | Accidental absorption of poisonous gases-----   | 2,002  | 1,939  | 1.4  | 1.4  |
| 161   | Other diseases peculiar to the first year of life-----                              | 6,654              | 9,462              | 5.9                | 6.6                | 179  | (A) Utility gas-----  | 1,095  | 1,009  | 0.7  | 0.7  |
|   | (a) Asphyxia (cause not specified), atelectasis-----                                | 5,315              | 5,756              | 3.6                | 4.0                |  | (B) Motor-vehicle exhaust gas-----  | 254    | 285    | 0.2  | 0.2  |
|   | (b) Infection of the umbilicus; pemphigus and other infections (nonsyphilitic)----- | 156                | 168                | 0.1                | 0.1                |  | (C) Other carbon monoxide gas-----  | 412    | 354    | 0.3  | 0.2  |
|   | (c) Other specified diseases peculiar to the first year of life-----                | 3,183              | 3,538              | 2.2                | 2.5                |  | (X) Other poisonous gases-----  | 241    | 290    | 0.2  | 0.2  |
| 162   | XVI.—Senility-----  | 9,209              | 9,706              | 6.3                | 6.8                |  | Acute accidental poisoning by solids or liquids-----  | 1,436  | 1,504  | 1.0  | 1.0  |
|   | Senility-----   | 9,209              | 9,706              | 6.3                | 6.8                | 180  | (A) Arsenic and compounds-----  | 415    | 48     | 0.0  | 0.0  |
|   | (a) Senility with mention of senile dementia-----                                   | 940                | 938                | 0.6                | 0.7                | 181  | (B) Barbituric acid and derivatives-----  | 49     | 41.8   | 0.3  | 0.3  |
|   | (b) Senility without mention of senile dementia-----                                | 8,269              | 8,768              | 5.7                | 6.1                | 182  | (C) Cresol compounds-----   | 8      | 7      | 0.0  | 0.0  |
|   | XVII.—Violent or accidental deaths-----   | 123,009            | 124,625            | 84.2               | 87.0               | 183  | (D) Mercury and compounds-----  | 25     | 25     | 0.0  | 0.0  |
| 163,164   | Suicide-----  | 16,354             | 16,538             | 11.2               | 11.5               | 184  | (E) Nux vomica and strychnine-----  | 30     | 37     | 0.0  | 0.0  |
| 163   | Suicide by poisoning-----   | 3,630              | 3,690              | 2.6                | 2.6                | 185  | (F) Carbolic acid and phenol-----   | 6      | 11     | 0.0  | 0.0  |
|   | Suicide by solid or liquid poisons-----   |                    |                    |                    |                    | 186  | (G) Lye and potash-----   | 74     | 72     | 0.1  | 0.1  |
|   | (A) Arsenic and compounds-----  | 130                | 138                | 0.1                | 0.1                | 187  | (H) Tobacco and derivatives-----  | 8      | 10     | 0.0  | 0.0  |
|   | (B) Barbituric acid and derivatives-----  | 639                | 558                | 0.4                | 0.4                | 188  | (M) Narcotics-----  | 25     | 28     | 0.0  | 0.0  |
|   | (C) Cresol compounds-----   | 46                 | 53                 | 0.0                | 0.0                | 189  | (O) Methanol and other alcohols-----  | 140    | 178    | 0.1  | 0.1  |
|   | (D) Mercury and compounds-----  | 59                 | 80                 | 0.0                | 0.1                | 190  | Confignation-----   | 3,075  | 3,315  | 2.1  | 2.3  |
|   | (E) Nux vomica and strychnine-----  | 123                | 135                | 0.1                | 0.1                | 191  | Accidental burns (except conflagration)-----  | 4,593  | 4,665  | 3.1  | 3.3  |
|   | (F) Carbolic acid and phenol-----   | 136                | 150                | 0.1                | 0.1                | 192  | Accidental mechanical suffocation-----  | 1,865  | 1,930  | 1.3  | 1.3  |
|   | (G) Other solid or liquid poisons-----  | 759                | 758                | 0.5                | 0.5                | 193  | Accidental drowning-----  | 5,299  | 5,737  | 3.6  | 4.0  |
|   | Suicide by poisonous gases-----   |                    |                    |                    |                    | 194  | Accidental injury by firearms-----  | 2,270  | 2,386  | 1.6  | 1.7  |
|   | (R) Utility gas-----  | 1,190              | 1,202              | 0.8                | 0.8                | 195  | Accidental injury by cutting or piercing instruments-----   | 268    | 265    | 0.2  | 0.2  |
|   | (M) Motor-vehicle exhaust gas-----  | 625                | 491                | 0.4                | 0.3                | 196  | Accidental injury by fall or crushing-----  | 24,687 | 24,397 | 16.9 | 17.0 |
|   | (O) Other carbon monoxide gas-----  | 79                 | 79                 | 0.1                | 0.1                | 197  | (a) Fall-----   | 24,266 | 23,961 | 16.6 | 16.7 |
|   | (X) Other poisonous gases-----  | 44                 | 46                 | 0.0                | 0.0                | 198  | (b) Crushing-----   | 421    | 436    | 0.3  | 0.3  |
| 164   | Suicide by other means-----   | 12,524             | 12,848             | 8.6                | 9.0                |  | Cataclysm (all deaths attributed to a cataclysm, regardless of their nature)-----                                     | 245    | 395    | 0.2  | 0.3  |
|   | (a) Suicide by hanging or strangulation-----  | 3,577              | 3,750              | 2.4                | 2.6                | 199  | Injury by animals (not specified as venomous or occurring in the course of agricultural and forestry operations)----- | 95     | 113    | 0.1  | 0.1  |
|   | (b) Suicide by drowning-----  | 739                | 781                | 0.5                | 0.5                | 200  | Hunger or thirst-----   | 35     | 26     | 0.0  | 0.0  |
|   | (c) Suicide by firearms and explosives-----   | 6,660              | 6,691              | 4.6                | 4.7                | 201  | Excessive cold-----   | 345    | 270    | 0.2  | 0.2  |
|   | (d) Suicide by cutting or piercing instruments-----                                 | 634                | 678                | 0.4                | 0.5                | 202  | Excessive heat-----   | 392    | 540    | 0.3  | 0.4  |
|   | (e) Suicide by jumping from high places-----  | 617                | 627                | 0.4                | 0.4                | 203  | Lightning-----  | 256    | 338    | 0.2  | 0.2  |
|   | (f) Suicide by crushing-----  | 155                | 161                | 0.1                | 0.1                | 204  | Accidents due to electric currents (except lightning)-----  | 871    | 867    | 0.6  | 0.6  |
|   | (g) Suicide by other or unspecified means-----                                      | 142                | 160                | 0.1                | 0.1                | 205  | Poisoning by venomous animals (not occurring in the course of agricultural and forestry operations)-----              | 40     | 64     | 0.0  | 0.0  |
| 165-166   | Homicide-----   | 8,536              | 8,555              | 5.8                | 6.0                | 196  | Other accidents-----  | 6,551  | 6,255  | 4.5  | 4.4  |
| 165   | Infanticide (homicide of infants under 1 year of age)-----                          | <sup>1</sup> (151) | <sup>1</sup> (174) | <sup>1</sup> (0.1) | <sup>1</sup> (0.1) | 197  | (a) Sequelae of preventive immunization, inoculation, or vaccination-----   | 10     | 16     | 0.0  | 0.0  |
| 166   | Homicide by firearms-----   | 4,894              | 4,922              | 3.3                | 3.4                | 198  | (b) Other accidents due to medical or surgical intervention-----  | 48     | 44     | 0.0  | 0.0  |
| 167   | Homicide by cutting or piercing instruments-----                                    | 2,074              | 1,981              | 1.4                | 1.4                | 199  | (c) Lack of care of the newborn-----  | 40     | 29     | 0.0  | 0.0  |
| 168   | Homicide by other means-----  | 1,568              | 1,652              | 1.1                | 1.2                | 200  | (d) Obstruction, suffocation, or puncture by ingested objects-----  | 1,299  | 1,206  | 0.9  | 0.8  |
| 169-195   | Accidental deaths-----  | 98,001             | 99,579             | 67.1               | 69.4               | 201  | (e) Other and unspecified accidents-----  | 5,154  | 4,960  | 3.5  | 3.5  |
| 169   | Railway accidents (except collisions with motor vehicles)-----                      | 2,502              | 2,683              | 1.7                | 1.9                | 202  | Deaths of military personnel during operations of war-----  | -      | -      | 0    | 0    |
| 170   | Motor-vehicle accidents-----  | 32,259             | 32,697             | 22.1               | 22.8               | 203  | Deaths of civilians due to operations of war-----   | -      | -      | 0    | 0    |
|   | (a) Collisions between automobiles and trains-----                                  | 1,474              | 1,736              | 1.0                | 1.2                | 204  | Legal executions-----   | 118    | 153    | 0.1  | 0.1  |
|   |   |                    |                    |                    |                    |  | XVIII.—Ill-defined and unknown causes-----  | 10,082 | 17,650 | 12.4 | 12.4 |
|   |   |                    |                    |                    |                    |  | Sudden death-----   | 1,115  | 1,149  | 0.8  | 0.8  |
|   |   |                    |                    |                    |                    |  | Ill-defined and unknown causes-----   | 16,967 | 16,701 | 11.6 | 11.6 |
|   |   |                    |                    |                    |                    |  | (a) Ill-defined-----  | 7,958  | 7,511  | 5.4  | 5.2  |
|   |   |                    |                    |                    |                    |  | (b) Found dead (cause unknown)-----   | 746    | 694    | 0.5  | 0.5  |
|   |   |                    |                    |                    |                    |  | (c) Unknown or unspecified cause-----   | 8,263  | 8,496  | 5.7  | 5.9  |

<sup>1</sup>Included in figures for homicide.

# SUMMARY AND RATE TABLES

**TABLE X.—DEATH RATES BY AGE: DEATH-REGISTRATION STATES, 1900-1948**

(Exclusive of stillbirths. Rates per 1,000 estimated midyear population in each specified group)

| YEAR              | Total <sup>1</sup> | Under 1 year | 1-4 years | 5-14 years | 15-24 years | 25-34 years | 35-44 years | 45-54 years | 55-64 years | 65-74 years | 75-84 years | 85 years and over |
|-------------------|--------------------|--------------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| 1948 <sup>2</sup> | 9.9                | 35.0         | 1.6       | 0.7        | 1.4         | 2.0         | 4.0         | 9.0         | 19.4        | 44.0        | 96.3        | 247.1             |
| 1947 <sup>2</sup> | 10.1               | 33.8         | 1.6       | 0.7        | 1.5         | 2.1         | 4.1         | 9.3         | 19.8        | 44.6        | 98.1        | 243.1             |
| 1946 <sup>2</sup> | 10.0               | 45.3         | 1.8       | 0.8        | 1.7         | 2.3         | 4.2         | 9.3         | 19.5        | 43.4        | 96.1        | 228.8             |
| 1945 <sup>2</sup> | 10.6               | 41.7         | 2.0       | 0.9        | 1.8         | 2.7         | 4.6         | 9.7         | 20.3        | 44.5        | 99.5        | 222.5             |
| 1944 <sup>2</sup> | 10.6               | 43.3         | 2.3       | 0.9        | 2.0         | 2.7         | 4.7         | 9.8         | 20.6        | 45.5        | 102.7       | 223.3             |
| 1943 <sup>2</sup> | 10.9               | 43.0         | 2.6       | 1.0        | 2.0         | 2.8         | 4.9         | 10.3        | 21.5        | 47.4        | 108.5       | 234.6             |
| 1942 <sup>2</sup> | 10.4               | 48.0         | 2.4       | 0.9        | 1.9         | 2.8         | 4.8         | 10.1        | 21.0        | 45.6        | 102.3       | 212.6             |
| 1941 <sup>2</sup> | 10.5               | 52.3         | 2.8       | 1.0        | 2.0         | 2.9         | 5.0         | 10.3        | 21.4        | 46.6        | 106.0       | 218.4             |
| 1940 <sup>2</sup> | 10.7               | 54.8         | 2.9       | 1.0        | 2.0         | 3.1         | 5.2         | 10.6        | 22.0        | 48.2        | 110.9       | 230.1             |
| 1939              | 10.6               | 53.7         | 3.2       | 1.1        | 2.1         | 3.2         | 5.3         | 10.7        | 22.1        | 47.2        | 112.5       | 223.3             |
| 1938              | 10.6               | 58.0         | 3.8       | 1.2        | 2.3         | 3.4         | 5.6         | 10.9        | 22.1        | 47.1        | 110.9       | 212.6             |
| 1937              | 11.3               | 61.3         | 4.2       | 1.4        | 2.6         | 3.9         | 6.2         | 11.6        | 23.5        | 49.0        | 117.0       | 227.2             |
| 1936              | 11.6               | 62.9         | 4.4       | 1.5        | 2.8         | 4.1         | 6.5         | 12.1        | 24.1        | 50.8        | 121.7       | 242.7             |
| 1935              | 10.9               | 60.8         | 4.4       | 1.5        | 2.7         | 4.0         | 6.2         | 11.6        | 23.2        | 49.7        | 113.1       | 224.6             |
| 1934              | 11.1               | 66.8         | 5.1       | 1.6        | 2.9         | 4.1         | 6.2         | 11.6        | 23.5        | 49.4        | 114.1       | 224.8             |
| 1933              | 10.7               | 61.3         | 4.7       | 1.5        | 2.7         | 4.1         | 6.2         | 11.4        | 23.2        | 49.0        | 111.3       | 222.3             |
| 1932              | 10.9               | 61.3         | 4.6       | 1.5        | 2.9         | 4.2         | 6.3         | 11.6        | 23.4        | 50.0        | 114.3       | 233.3             |
| 1931              | 11.1               | 64.4         | 5.3       | 1.7        | 3.2         | 4.5         | 6.7         | 12.0        | 23.6        | 49.9        | 110.5       | 222.8             |
| 1930              | 11.3               | 69.0         | 5.6       | 1.7        | 3.3         | 4.7         | 6.8         | 12.2        | 24.0        | 51.4        | 112.7       | 228.0             |
| 1929              | 11.9               | 71.6         | 6.3       | 1.9        | 3.6         | 5.0         | 7.3         | 12.7        | 24.5        | 54.0        | 122.2       | 254.3             |
| 1928              | 12.0               | 73.1         | 6.5       | 1.9        | 3.7         | 5.0         | 7.5         | 12.8        | 24.2        | 54.3        | 126.2       | 269.3             |
| 1927              | 11.3               | 68.8         | 5.9       | 1.9        | 3.5         | 4.7         | 7.1         | 12.0        | 22.9        | 51.2        | 115.9       | 250.1             |
| 1926              | 12.1               | 77.9         | 7.2       | 1.9        | 3.7         | 4.9         | 7.4         | 12.7        | 24.1        | 53.8        | 125.4       | 279.7             |
| 1925              | 11.7               | 75.4         | 6.4       | 2.0        | 3.8         | 4.8         | 7.2         | 12.2        | 23.3        | 51.7        | 119.3       | 272.3             |
| 1924              | 11.6               | 76.8         | 6.8       | 2.0        | 3.8         | 4.8         | 7.1         | 12.1        | 23.0        | 51.0        | 117.2       | 261.8             |
| 1923              | 12.1               | 81.1         | 8.1       | 2.1        | 3.9         | 5.0         | 7.3         | 12.2        | 23.9        | 53.3        | 123.5       | 279.7             |
| 1922              | 11.7               | 77.6         | 7.4       | 2.1        | 3.8         | 5.0         | 7.1         | 11.8        | 23.2        | 52.2        | 117.5       | 259.1             |
| 1921              | 11.5               | 80.6         | 8.0       | 2.5        | 3.9         | 4.9         | 6.8         | 11.2        | 22.1        | 49.0        | 111.2       | 239.1             |
| 1920              | 13.0               | 92.3         | 9.9       | 2.6        | 4.9         | 6.8         | 8.1         | 12.2        | 23.6        | 52.5        | 118.9       | 248.3             |
| 1919              | 12.9               | 91.0         | 9.3       | 2.7        | 5.3         | 7.5         | 8.6         | 12.3        | 23.1        | 50.0        | 107.8       | 222.2             |
| 1918              | 16.1               | 111.7        | 15.7      | 4.1        | 10.7        | 16.4        | 13.4        | 15.2        | 26.5        | 55.0        | 113.0       | 222.1             |
| 1917              | 14.0               | 104.6        | 10.7      | 2.6        | 4.7         | 6.5         | 9.0         | 13.9        | 26.8        | 57.3        | 123.9       | 245.9             |
| 1916              | 13.8               | 105.7        | 11.1      | 2.5        | 4.4         | 6.2         | 8.8         | 13.6        | 26.5        | 57.2        | 123.9       | 250.4             |
| 1915              | 13.2               | 102.4        | 9.2       | 2.3        | 4.1         | 5.8         | 8.3         | 13.1        | 25.5        | 55.6        | 120.1       | 240.3             |
| 1914              | 13.3               | 107.2        | 10.2      | 2.6        | 4.2         | 6.0         | 8.5         | 13.1        | 25.1        | 54.1        | 115.6       | 231.5             |
| 1913              | 13.8               | 114.8        | 11.3      | 2.7        | 4.4         | 6.2         | 8.7         | 13.5        | 25.5        | 54.1        | 117.8       | 235.9             |
| 1912              | 13.6               | 111.1        | 10.9      | 2.5        | 4.3         | 6.1         | 8.6         | 13.4        | 25.8        | 54.5        | 120.2       | 242.2             |
| 1911              | 13.9               | 114.0        | 11.8      | 2.7        | 4.5         | 6.4         | 8.9         | 13.5        | 25.8        | 55.0        | 120.1       | 246.4             |
| 1910              | 14.7               | 131.8        | 14.0      | 2.9        | 4.5         | 6.5         | 9.0         | 13.7        | 26.2        | 55.6        | 122.2       | 250.3             |
| 1909              | 14.2               | 126.7        | 13.5      | 2.8        | 4.4         | 6.3         | 8.7         | 13.3        | 25.6        | 53.9        | 118.4       | 244.8             |
| 1908              | 14.7               | 133.2        | 14.0      | 3.0        | 4.8         | 6.7         | 9.0         | 13.8        | 26.2        | 53.8        | 119.5       | 249.6             |
| 1907              | 15.9               | 139.6        | 14.7      | 3.2        | 5.3         | 7.5         | 10.2        | 15.1        | 28.6        | 58.8        | 128.7       | 269.1             |
| 1906              | 15.7               | 144.8        | 15.8      | 3.3        | 5.3         | 7.5         | 9.8         | 14.5        | 27.1        | 55.0        | 120.4       | 255.1             |
| 1905              | 15.9               | 141.2        | 15.0      | 3.4        | 5.2         | 7.4         | 9.8         | 14.7        | 27.7        | 56.2        | 122.4       | 261.5             |
| 1904              | 16.4               | 139.2        | 15.9      | 3.7        | 5.5         | 7.8         | 10.2        | 15.1        | 29.5        | 59.2        | 126.1       | 270.0             |
| 1903              | 15.8               | 132.6        | 15.4      | 3.4        | 5.2         | 7.5         | 9.8         | 14.3        | 27.2        | 55.0        | 120.8       | 253.7             |
| 1902              | 15.5               | 139.9        | 16.8      | 3.3        | 5.1         | 7.5         | 9.6         | 14.0        | 25.9        | 52.9        | 114.1       | 235.6             |
| 1901              | 16.4               | 141.4        | 16.9      | 3.5        | 5.5         | 8.0         | 10.3        | 15.0        | 27.8        | 56.2        | 124.6       | 260.8             |
| 1900              | 17.2               | 162.4        | 19.8      | 3.9        | 5.9         | 8.2         | 10.2        | 15.0        | 27.2        | 56.4        | 123.3       | 260.9             |

<sup>1</sup>Includes deaths for which age was not stated.

<sup>2</sup>Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

## VITAL STATISTICS OF THE UNITED STATES

TABLE XI.—CRUDE DEATH RATES FOR SELECTED

(Exclusive of stillbirths. Rates per 100,000 estimated midyear population.)

| YEAR                | Total   | Typhoid and paratyphoid fever | Cerebrospinal (meningococcus) meningitis | Scarlet fever | Whooping cough | Diphtheria | Tuberculosis (all forms) | Dysentery | Malaria | Syphilis <sup>1</sup> | Measles | Polio-myelitis, poliio-encephalitis (acute) | Cancer and other malignant tumors | Acute rheumatic fever | Diabetes mellitus |
|---------------------|---------|-------------------------------|--|---------------|----------------|------------|--------------------------|-----------|---------|-----------------------|---------|---|-----------------------------------|-----------------------|-------------------|
|                     |         | 1,2                           | 6  | 8             | 9              | 10         | 13-22                    | 27        | 28      | 30                    | 35      | 36  | 45-55                             | 58                    | 61                |
| 1 1948 <sup>7</sup> | 998.5   | 0.2                           | 0.6                                      | 0.0           | 0.8            | 0.4        | 30.0                     | 0.7       | 0.1     | 8.0                   | 0.6     | 1.3   | 134.9                             | 0.6                   | 26.4              |
| 2 1947              | 1,007.9 | 0.2                           | 0.6                                      | 0.1           | 1.4            | 0.6        | 33.5                     | 0.6       | 0.1     | 8.8                   | 0.3     | 0.4   | 132.4                             | 0.7                   | 26.2              |
| 3 1946              | 997.6   | 0.3                           | 0.9                                      | 0.1           | 0.9            | 0.9        | 36.4                     | 0.7       | 0.2     | 9.3                   | 0.9     | 1.3   | 130.1                             | 0.8                   | 24.8              |
| 4 1945              | 1,061.8 | 0.4                           | 1.3                                      | 0.2           | 1.3            | 1.2        | 40.1                     | 1.2       | 0.3     | 10.7                  | 0.2     | 0.9   | 134.4                             | 1.0                   | 26.6              |
| 5 1944              | 1,064.7 | 0.4                           | 2.1                                      | 0.3           | 1.4            | 0.9        | 41.3                     | 1.4       | 0.4     | 11.3                  | 1.5     | 1.0   | 129.1                             | 1.1                   | 26.4              |
| 6 1943              | 1,089.5 | 0.5                           | 2.2                                      | 0.3           | 2.5            | 0.9        | 42.6                     | 1.4       | 0.5     | 12.1                  | 1.0     | 0.9   | 124.5                             | 1.1                   | 27.1              |
| 7 1942              | 1,035.3 | 0.6                           | 0.7                                      | 0.3           | 1.9            | 1.0        | 43.1                     | 1.4       | 0.6     | 12.2                  | 1.0     | 0.4   | 122.1                             | 1.1                   | 25.4              |
| 8 1941              | 1,050.4 | 0.8                           | 0.5                                      | 0.3           | 2.8            | 1.0        | 44.5                     | 1.8       | 0.9     | 13.3                  | 1.7     | 0.6   | 120.2                             | 1.2                   | 25.5              |
| 9 1940              | 1,074.1 | 1.1                           | 0.5                                      | 0.5           | 2.2            | 1.1        | 45.8                     | 1.9       | 1.1     | 14.4                  | 0.5     | 0.8   | 120.0                             | 1.3                   | 26.5              |
| 10 1939             | 1,060.4 | 1.5                           | 0.7                                      | 0.7           | 2.3            | 1.5        | 47.1                     | 1.9       | 1.3     | 15.0                  | 0.9     | 0.6   | 117.5                             | 1.3                   | 25.5              |
| 11 1938             | 1,064.0 | 1.9                           | 0.8                                      | 0.9           | 3.7            | 2.0        | 49.1                     | 2.3       | 1.8     | 15.9                  | 2.5     | 0.4   | 114.9                             | 1.6                   | 23.9              |
| 12 1937             | 1,125.9 | 2.1                           | 1.7                                      | 1.4           | 3.9            | 2.0        | 53.8                     | 2.3       | 2.1     | 16.1                  | 1.2     | 1.1   | 112.4                             | 1.5                   | 23.7              |
| 13 1936             | 1,155.2 | 2.5                           | 2.4                                      | 1.9           | 2.1            | 2.4        | 55.9                     | 2.4       | 3.1     | 16.2                  | 1.0     | 0.6   | 111.4                             | 1.7                   | 23.7              |
| 14 1935             | 1,094.5 | 2.9                           | 2.1                                      | 2.1           | 3.7            | 3.1        | 55.1                     | 1.9       | 3.5     | 15.4                  | 3.1     | 0.8   | 108.2                             | 1.8                   | 22.3              |
| 15 1934             | 1,103.4 | 3.4                           | 1.0                                      | 2.0           | 5.9            | 3.3        | 56.7                     | 2.7       | 3.6     | 15.9                  | 5.5     | 0.7   | 106.4                             | 1.8                   | 22.2              |
| 16 1933             | 1,068.7 | 3.6                           | 1.2                                      | 2.0           | 3.6            | 3.9        | 59.6                     | 2.2       | 3.7     | 15.1                  | 2.2     | 0.6   | 102.3                             | 2.0                   | 21.4              |
| 17 1932             | 1,087.7 | 3.7                           | 1.4                                      | 2.2           | 4.5            | 4.4        | 62.5                     | 1.7       | 2.1     | 15.4                  | 1.6     | 0.7   | 102.3                             | 2.2                   | 22.0              |
| 18 1931             | 1,106.5 | 4.5                           | 2.4                                      | 2.2           | 3.9            | 4.8        | 67.8                     | 2.0       | 2.1     | 15.4                  | 3.0     | 1.8   | 99.0                              | 2.2                   | 20.4              |
| 19 1930             | 1,132.1 | 4.8                           | 3.6                                      | 1.9           | 4.8            | 4.9        | 71.1                     | 2.8       | 2.9     | 15.7                  | 3.2     | 1.2   | 97.4                              | 2.5                   | 19.1              |
| 20 1929             | 1,167.8 | 4.2                           | 4.5                                      | 2.1           | 6.2            | 6.5        | 75.3                     | 2.4       | 3.5     | 15.6                  | 2.5     | 0.7   | 95.8                              | 2.5                   | 18.6              |
| 21 1928             | 1,198.6 | 4.9                           | 2.6                                      | 1.9           | 5.4            | 7.2        | 78.3                     | 2.8       | 3.6     | 16.4                  | 5.2     | 1.2   | 95.7                              | 2.5                   | 19.0              |
| 22 1927             | 1,131.5 | 5.3                           | 1.6                                      | 2.3           | 6.8            | 7.7        | 79.6                     | 2.4       | 2.6     | 16.4                  | 4.1     | 1.8   | 95.2                              | 2.6                   | 17.4              |
| 23 1926             | 1,211.0 | 6.4                           | 1.3                                      | 2.5           | 8.8            | 7.4        | 85.5                     | 2.7       | 1.9     | 17.1                  | 8.3     | 0.8   | 94.6                              | 2.7                   | 17.9              |
| 24 1925             | 1,168.1 | 7.8                           | 1.0                                      | 2.7           | 6.7            | 7.8        | 84.8                     | 3.1       | 2.0     | 17.3                  | 2.3     | 1.5   | 92.0                              | 2.7                   | 16.8              |
| 25 1924             | 1,159.0 | 6.6                           | 0.9                                      | 3.1           | 8.1            | 9.3        | 87.9                     | 2.9       | 2.4     | 17.8                  | 8.2     | 1.1   | 90.4                              | 3.3                   | 16.4              |
| 26 1923             | 1,247.0 | 6.7                           | 1.0                                      | 3.5           | 9.6            | 12.0       | 91.7                     | 3.1       | 2.8     | 17.9                  | 10.7    | 0.9   | 88.4                              | 3.0                   | 17.7              |
| 27 1922             | 1,169.3 | 7.4                           | 0.9                                      | 3.5           | 5.5            | 14.6       | 95.3                     | 2.9       | 3.5     | 18.0                  | 4.3     | 0.8   | 86.2                              | 3.2                   | 18.3              |
| 28 1921             | 1,149.8 | 8.8                           | 1.4                                      | 5.3           | 9.1            | 17.7       | 97.6                     | 3.9       | 3.5     | 17.5                  | 4.2     | 1.8   | 85.5                              | 3.7                   | 16.7              |
| 29 1920             | 1,298.9 | 7.6                           | 1.6                                      | 4.6           | 12.5           | 15.3       | 113.1                    | 4.0       | 3.4     | 16.5                  | 8.6     | 0.9   | 83.4                              | 3.8                   | 16.1              |
| 30 1919             | 1,289.4 | 9.2                           | 1.6                                      | 2.8           | 5.6            | 14.9       | 125.6                    | 4.3       | 3.8     | 16.2                  | 3.9     | 0.9   | 81.0                              | 3.4                   | 15.0              |
| 31 1918             | 1,810.0 | 12.3                          | 3.4                                      | 3.1           | 17.0           | 14.0       | 149.8                    | 5.6       | 3.0     | 16.7                  | 10.8    | 1.2   | 80.8                              | 3.9                   | 16.1              |
| 32 1917             | 1,397.1 | 13.3                          | 3.8                                      | 3.5           | 10.5           | 15.6       | 143.5                    | 5.9       | 3.0     | 19.1                  | 14.1    | 1.4   | 80.8                              | 4.5                   | 16.9              |
| 33 1916             | 1,381.1 | 13.2                          | 2.1                                      | 3.1           | 10.5           | 13.9       | 138.4                    | 4.9       | 2.8     | 18.6                  | 11.4    | 10.5  | 81.0                              | 4.5                   | 16.9              |
| 34 1915             | 1,317.6 | 11.8                          | 1.4                                      | 3.6           | 8.2            | 15.2       | 140.1                    | 3.4       | 1.6     | 17.7                  | 5.2     | 1.0   | 80.7                              | 4.8                   | 17.6              |
| 35 1914             | 1,330.2 | 14.7                          | 1.7                                      | 6.6           | 10.2           | 17.2       | 141.7                    | 4.3       | 1.7     | 16.7                  | 6.6     | 1.1   | 78.7                              | 5.3                   | 16.2              |
| 36 1913             | 1,380.6 | 17.5                          | 1.5                                      | 7.7           | 10.1           | 18.1       | 143.5                    | 4.8       | 2.0     | 16.2                  | 12.8    | 1.4   | 78.5                              | 5.7                   | 15.4              |
| 37 1912             | 1,359.7 | 16.1                          | 2.0                                      | 6.0           | 9.2            | 17.6       | 145.4                    | 3.9       | 2.3     | 15.1                  | 7.2     | 2.0   | 77.0                              | 5.3                   | 15.1              |
| 38 1911             | 1,390.5 | 20.1                          | 0.8                                      | 8.6           | 11.0           | 18.4       | 155.1                    | 4.7       | 2.3     | 15.3                  | 9.9     | 1.8   | 74.2                              | 5.9                   | 15.1              |
| 39 1910             | 1,468.0 | 22.5                          | 0.3                                      | 11.4          | 11.6           | 21.1       | 153.8                    | 6.0       | 1.1     | 13.5                  | 12.4    | 2.9   | 76.2                              | 6.2                   | 15.3              |
| 40 1909             | 1,424.7 | 20.2                          | 0.3                                      | 11.1          | 10.0           | 19.9       | 156.3                    | 5.4       | 1.4     | 12.9                  | 10.0    | -----                                       | 74.0                              | 4.9                   | 14.1              |
| 41 1908             | 1,468.2 | 23.4                          | -----                                    | 12.4          | 10.7           | 21.9       | 162.1                    | 6.1       | 1.3     | 12.4                  | 10.6    | -----                                       | 71.5                              | 5.3                   | 13.8              |
| 42 1907             | 1,592.5 | 26.2                          | -----                                    | 9.3           | 11.3           | 24.2       | 174.2                    | 6.1       | 1.8     | 12.4                  | 9.6     | -----                                       | 71.4                              | 5.5                   | 14.2              |
| 43 1906             | 1,571.8 | 30.9                          | -----                                    | 7.3           | 16.1           | 26.3       | 175.8                    | 8.0       | 2.3     | 14.1                  | 12.9    | -----                                       | 69.3                              | 5.6                   | 13.4              |
| 44 1905             | 1,598.9 | 22.4                          | -----                                    | 6.8           | 8.9            | 23.5       | 179.9                    | 8.3       | 2.5     | 13.8                  | 7.4     | -----                                       | 73.4                              | 5.8                   | 14.1              |
| 45 1904             | 1,640.0 | 23.9                          | -----                                    | 11.6          | 5.8            | 29.3       | 188.1                    | 8.1       | 2.9     | 13.9                  | 11.3    | -----                                       | 71.5                              | 6.4                   | 14.2              |
| 46 1903             | 1,562.8 | 24.6                          | -----                                    | 12.3          | 14.3           | 31.1       | 177.2                    | 7.3       | 3.0     | 13.2                  | 8.8     | -----                                       | 70.0                              | 4.7                   | 12.7              |
| 47 1902             | 1,548.1 | 26.4                          | -----                                    | 11.9          | 12.4           | 29.8       | 174.2                    | 10.1      | 4.0     | 12.9                  | 9.3     | -----                                       | 66.3                              | 4.3                   | 11.7              |
| 48 1901             | 1,641.5 | 27.6                          | -----                                    | 13.6          | 8.7            | 33.5       | 189.9                    | 11.1      | 5.0     | 12.5                  | 7.4     | -----                                       | 66.4                              | 4.9                   | 11.6              |
| 49 1900             | 1,719.1 | 31.3                          | -----                                    | 9.6           | 12.2           | 40.3       | 194.4                    | 12.0      | 6.2     | 12.0                  | 13.3    | -----                                       | 64.0                              | 5.3                   | 11.0              |

<sup>1</sup>Excludes aneurysm for 1900-1920. Includes aneurysm (except of heart) for 1921-36, inclusive; aneurysm of the aorta for 1939-40, inclusive.<sup>2</sup>Includes all embolism and thrombosis, except puerperal, for 1900-1920, inclusive.<sup>3</sup>Excludes diseases of coronary arteries for 1900-1929, inclusive.<sup>4</sup>Includes capillary bronchitis for 1921-49, inclusive.<sup>5</sup>Excludes automobile collisions with trains and streetcars, and motorcycle accidents for 1906-25, inclusive.<sup>6</sup>Includes legal executions for 1900-1921, inclusive.<sup>7</sup>Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

# SUMMARY AND RATE TABLES

## CAUSES: DEATH-REGISTRATION STATES, 1900-1948

(Numbers under causes of death are International List numbers, 1938 revision)

| Pellagra (except alcoholic) | Intra-cranial lesions of vascular origin <sup>2</sup> | Diseases of the heart <sup>3</sup> | Pneumonia (all forms) and influenza <sup>4</sup> | Diarrhea, enteritis, and ulceration of intestines | Hepatitis | Diseases of pregnancy, childbirth, and the puerperium | Congenital malformations | Premature birth | Other diseases peculiar to early infancy | Suicide | Homicide | Motor-vehicle accidents <sup>5</sup> | Other accidents <sup>6</sup> | Senility, ill-defined and unknown causes | All other causes |    |
|-----------------------------|---|------------------------------------|--|---|-----------|---|--------------------------|-----------------|--|---------|----------|--------------------------------------|------------------------------|--|------------------|----|
| 69                          | 85  | 90-95                              | 107-109,33                                       | 119,120   | 130-132   | 140-150   | 157                      | 159             | 158, 160,161                             | 163,164 | 165-168  | 170                                  | 169, 171-195                 | 162, 199,200                             |                  |    |
| 0.4                         | 89.7  | 322.7                              | 58.7   | 6.0   | 53.0      | 2.8   | 15.2                     | 26.7            | 15.4                                     | 11.2    | 5.8      | 22.1                                 | 45.0                         | 18.7                                     | 112.5            | 1  |
| 0.5                         | 91.4  | 321.2                              | 43.1   | 5.6   | 56.0      | 3.5   | 14.2                     | 28.6            | 16.9                                     | 11.5    | 6.0      | 22.8                                 | 46.6                         | 19.2                                     | 114.8            | 2  |
| 0.6                         | 89.8  | 305.8                              | 44.5   | 5.8   | 58.4      | 3.7   | 12.7                     | 28.5            | 15.7                                     | 11.5    | 6.3      | 23.9                                 | 46.2                         | 19.7                                     | 115.9            | 3  |
| 0.7                         | 97.8  | 321.4                              | 51.8   | 8.7   | 66.7      | 4.3   | 12.3                     | 23.9            | 14.5                                     | 11.2    | 5.6      | 21.3                                 | 51.4                         | 22.0                                     | 128.2            | 4  |
| 0.8                         | 93.7  | 315.4                              | 61.7   | 9.9   | 69.2      | 4.8   | 12.6                     | 25.0            | 14.6                                     | 10.0    | 4.9      | 18.3                                 | 53.5                         | 22.5                                     | 129.3            | 5  |
| 1.0                         | 95.0  | 318.3                              | 67.3   | 9.6   | 74.1      | 5.4   | 12.5                     | 25.8            | 15.6                                     | 10.2    | 5.0      | 17.8                                 | 56.1                         | 23.3                                     | 134.8            | 6  |
| 1.1                         | 90.2  | 295.2                              | 55.7   | 8.8   | 72.4      | 5.4   | 11.9                     | 25.8            | 15.6                                     | 12.0    | 5.8      | 21.2                                 | 50.5                         | 22.3                                     | 128.5            | 7  |
| 1.4                         | 89.1  | 290.2                              | 63.9   | 10.5  | 75.1      | 6.0   | 10.5                     | 25.1            | 15.1                                     | 12.9    | 6.0      | 30.0                                 | 46.3                         | 22.3                                     | 130.9            | 8  |
| 1.6                         | 90.8  | 291.9                              | 70.1   | 10.3  | 81.4      | 6.7   | 10.0                     | 24.5            | 14.6                                     | 14.3    | 6.2      | 26.1                                 | 47.3                         | 23.7                                     | 136.9            | 9  |
| 1.8                         | 87.8  | 275.5                              | 75.7   | 11.6  | 82.9      | 7.0   | 9.5                      | 24.6            | 14.2                                     | 14.1    | 6.4      | 24.7                                 | 46.0                         | 22.3                                     | 138.4            | 10 |
| 2.5                         | 85.9  | 269.7                              | 80.4   | 14.3  | 77.4      | 7.7   | 9.3                      | 25.2            | 14.2                                     | 15.3    | 6.8      | 25.1                                 | 47.2                         | 22.3                                     | 139.0            | 11 |
| 2.5                         | 86.7  | 268.9                              | 114.9  | 14.7  | 79.9      | 8.4   | 9.2                      | 26.1            | 13.9                                     | 15.0    | 7.6      | 30.8                                 | 50.9                         | 23.7                                     | 147.4            | 12 |
| 2.9                         | 91.0  | 266.6                              | 119.6  | 16.4  | 85.5      | 9.5   | 9.4                      | 26.3            | 14.1                                     | 14.3    | 8.0      | 29.7                                 | 56.2                         | 25.4                                     | 154.9            | 13 |
| 2.8                         | 85.7  | 245.4                              | 104.2  | 14.1  | 81.3      | 9.9   | 9.3                      | 26.0            | 14.2                                     | 14.3    | 8.3      | 28.6                                 | 49.8                         | 24.0                                     | 150.6            | 14 |
| 2.9                         | 85.5  | 240.3                              | 96.9   | 18.4  | 84.3      | 10.2  | 10.0                     | 27.8            | 15.2                                     | 14.9    | 9.5      | 28.6                                 | 51.3                         | 25.2                                     | 153.3            | 15 |
| 3.1                         | 84.1  | 228.0                              | 95.7   | 17.3  | 83.0      | 10.3  | 9.6                      | 26.2            | 14.7                                     | 15.9    | 9.7      | 25.0                                 | 47.4                         | 26.6                                     | 148.6            | 16 |
| 3.0                         | 87.5  | 224.1                              | 107.3  | 16.1  | 87.4      | 11.0  | 10.3                     | 27.5            | 15.3                                     | 17.4    | 9.0      | 23.6                                 | 47.7                         | 25.8                                     | 148.0            | 17 |
| 4.2                         | 86.8  | 213.4                              | 107.5  | 20.5  | 87.4      | 11.9  | 11.0                     | 28.8            | 16.6                                     | 16.8    | 9.2      | 27.1                                 | 51.3                         | 27.1                                     | 155.5            | 18 |
| 5.2                         | 89.0  | 214.2                              | 102.5  | 26.0  | 91.0      | 12.7  | 11.2                     | 31.5            | 18.1                                     | 15.6    | 8.8      | 26.7                                 | 53.8                         | 30.4                                     | 159.5            | 19 |
| 5.7                         | 90.8  | 211.2                              | 146.5  | 23.3  | 91.1      | 13.1  | 11.4                     | 32.9            | 17.7                                     | 13.9    | 8.4      | 25.5                                 | 55.0                         | 31.0                                     | 169.7            | 20 |
| 6.0                         | 92.0  | 207.7                              | 142.5  | 26.4  | 94.9      | 13.8  | 11.8                     | 34.5            | 18.9                                     | 13.5    | 8.6      | 23.2                                 | 55.6                         | 31.6                                     | 171.1            | 21 |
| 4.8                         | 88.1  | 195.3                              | 102.2  | 27.1  | 91.7      | 13.5  | 12.5                     | 34.8            | 19.7                                     | 13.2    | 8.4      | 21.6                                 | 56.2                         | 27.6                                     | 169.0            | 22 |
| 3.4                         | 91.3  | 198.6                              | 141.7  | 32.9  | 97.3      | 14.1  | 13.3                     | 36.6            | 20.9                                     | 12.6    | 8.4      | 19.9                                 | 58.1                         | 28.8                                     | 175.2            | 23 |
| 3.0                         | 89.5  | 184.8                              | 121.7  | 38.6  | 95.0      | 14.5  | 13.7                     | 36.9            | 22.3                                     | 12.0    | 8.3      | 16.8                                 | 60.6                         | 28.8                                     | 173.1            | 24 |
| 2.2                         | 97.2  | 175.7                              | 115.2  | 33.7  | 87.8      | 15.1  | 14.0                     | 39.2            | 25.4                                     | 11.9    | 8.1      | 15.3                                 | 59.4                         | 29.4                                     | 173.0            | 25 |
| 2.3                         | 95.7  | 174.0                              | 151.7  | 39.1  | 89.0      | 15.3  | 14.3                     | 39.8            | 23.5                                     | 11.5    | 7.8      | 14.6                                 | 60.7                         | 30.1                                     | 175.5            | 26 |
| 2.7                         | 92.1  | 165.0                              | 132.3  | 38.9  | 87.7      | 15.5  | 14.4                     | 39.4            | 23.5                                     | 11.7    | 8.0      | 12.4                                 | 56.7                         | 30.2                                     | 174.4            | 27 |
| 2.7                         | 89.2  | 156.2                              | 98.7   | 50.7  | 84.3      | 16.6  | 15.5                     | 41.7            | 26.0                                     | 12.4    | 8.1      | 11.3                                 | 56.5                         | 27.9                                     | 175.3            | 28 |
| 2.5                         | 93.0  | 159.6                              | 207.3  | 53.7  | 88.8      | 19.0  | 15.2                     | 43.6            | 25.6                                     | 10.2    | 6.8      | 10.3                                 | 60.7                         | 31.7                                     | 179.3            | 29 |
| 3.1                         | 89.9  | 147.9                              | 223.0  | 55.2  | 88.2      | 16.9  | 14.5                     | 40.9            | 24.6                                     | 11.5    | 7.2      | 9.3                                  | 62.8                         | 32.7                                     | 173.2            | 30 |
| 4.0                         | 94.0  | 171.6                              | 588.5  | 72.2  | 97.4      | 22.3  | 16.0                     | 47.3            | 28.0                                     | 12.3    | 6.5      | 9.3                                  | 73.2                         | 34.0                                     | 192.7            | 31 |
| 4.0                         | 95.9  | 169.9                              | 164.5  | 75.2  | 104.9     | 16.4  | 15.7                     | 46.1            | 29.3                                     | 13.0    | 6.9      | 8.6                                  | 78.4                         | 34.2                                     | 198.1            | 32 |
| 2.7                         | 94.7  | 167.2                              | 163.3  | 75.5  | 103.1     | 15.9  | 15.9                     | 46.4            | 31.1                                     | 13.7    | 6.3      | 7.1                                  | 75.5                         | 32.9                                     | 198.0            | 33 |
| 1.1                         | 94.5  | 165.9                              | 145.9  | 67.5  | 101.5     | 14.7  | 14.9                     | 43.2            | 33.5                                     | 16.2    | 5.9      | 5.8                                  | 68.7                         | 29.0                                     | 199.0            | 34 |
| 1.0                         | 93.6  | 158.2                              | 132.4  | 75.1  | 99.2      | 15.3  | 15.7                     | 42.6            | 36.2                                     | 16.1    | 8.2      | 4.2                                  | 73.5                         | 31.3                                     | 206.5            | 35 |
| 0.7                         | 91.1  | 154.6                              | 140.8  | 86.7  | 99.7      | 15.4  | 14.9                     | 43.2            | 40.0                                     | 15.4    | 6.1      | 3.8                                  | 80.9                         | 35.9                                     | 216.2            | 36 |
| 0.4                         | 91.9  | 158.7                              | 158.4  | 79.6  | 99.7      | 14.4  | 14.6                     | 41.6            | 39.0                                     | 15.6    | 5.4      | 2.8                                  | 79.0                         | 34.8                                     | 219.6            | 37 |
| 0.3                         | 91.8  | 156.4                              | 145.4  | 86.8  | 94.2      | 15.5  | 14.5                     | 39.8            | 39.4                                     | 16.0    | 5.5      | 2.1                                  | 82.3                         | 35.1                                     | 223.1            | 38 |
| 0.1                         | 95.8  | 159.9                              | 155.9  | 115.4   | 94.8      | 15.3  | 15.2                     | 37.7            | 35.3                                     | 15.3    | 4.6      | 1.8                                  | 82.7                         | 47.5                                     | 237.4            | 39 |
| 0.0                         | 95.5  | 153.0                              | 148.1  | 101.8   | 92.5      | 15.1  | 15.7                     | 36.5            | 36.0                                     | 16.0    | 4.2      | 1.2                                  | 78.7                         | 50.3                                     | 239.6            | 40 |
| 0                           | 95.6  | 152.0                              | 150.9  | 112.5   | 91.0      | 15.6  | 15.7                     | 35.9            | 40.0                                     | 16.8    | 4.8      | 0.8                                  | 82.1                         | 58.0                                     | 245.0            | 41 |
| 0                           | 104.5   | 166.6                              | 180.0  | 115.0   | 100.9     | 15.6  | 16.1                     | 36.3            | 41.8                                     | 14.5    | 4.9      | 0.7                                  | 94.1                         | 64.0                                     | 269.3            | 42 |
| 0                           | 98.6  | 154.2                              | 156.3  | 123.6   | 95.9      | 15.2  | 16.0                     | 35.1            | 42.3                                     | 12.8    | 5.9      | 0.4                                  | 94.0                         | 71.3                                     | 270.2            | 43 |
| 0                           | 105.9   | 161.9                              | 169.3  | 118.4   | 101.2     | 14.8  | 14.0                     | 33.3            | 39.6                                     | 13.5    | 2.1      | -----                                | 81.3                         | 75.5                                     | 291.3            | 44 |
| 0                           | 108.6   | 163.7                              | 192.1  | 111.5   | 102.4     | 15.1  | 14.0                     | 35.5            | 29.9                                     | 12.2    | 1.3      | -----                                | 85.4                         | 79.8                                     | 301.6            | 45 |
| 0.0                         | 105.2   | 151.8                              | 169.3  | 100.3   | 96.3      | 13.3  | 12.9                     | 32.8            | 29.7                                     | 11.3    | 1.1      | -----                                | 81.4                         | 82.3                                     | 295.9            | 46 |
| 0                           | 103.9   | 145.4                              | 161.3  | 104.9   | 90.6      | 12.8  | 11.9                     | 32.0            | 29.4                                     | 10.3    | 1.2      | -----                                | 72.5                         | 81.5                                     | 307.1            | 47 |
| 0                           | 108.9   | 140.0                              | 197.2  | 118.5   | 89.9      | 13.4  | 12.0                     | 30.4            | 28.1                                     | 10.4    | 1.2      | -----                                | 83.8                         | 100.3                                    | 317.2            | 48 |
| 0.0                         | 108.9   | 137.4                              | 202.2  | 142.7   | 88.6      | 13.4  | 12.0                     | 32.4            | 30.3                                     | 10.2    | 1.2      | -----                                | 72.3                         | 117.5                                    | 340.5            | 49 |

## VITAL STATISTICS OF THE UNITED STATES

TABLE XII.—CRUDE DEATH RATES FOR SELECTED CAUSES, BY PLACE

(Exclusive of stillbirths and of deaths among armed forces overseas.)

| AREA                    | Total deaths | Typhoid and para-typhoid fever | Cerebro-spinal (meningococcus) meningitis | Scarlet fever | Whoop- ing cough | Diph- the- ria | Tuber- culosis (all forms) | Dysen- tery | Malaria | Syph- ilis | Measles | Polio- myelitis, polio- encephal- itis (acute) | Cancer and other malignant tumors | Acute rheu- matic fever | Diabetes mellitus |
|-------------------------|--------------|--------------------------------|---|---------------|------------------|----------------|----------------------------|-------------|---------|------------|---------|--|-----------------------------------|-------------------------|-------------------|
|                         |              | 1,2                            | 6   | 8             | 9                | 10             | 13-22                      | 27          | 28      | 30         | 35      | 36   | 45-55                             | 58                      | 61                |
| 1 UNITED STATES         | 988.5        | 0.2                            | 0.6                                       | 0.0           | 0.8              | 0.4            | 30.0                       | 0.7         | 0.1     | 8.0        | 0.6     | 1.3  | 134.9                             | 0.6                     | 28.4              |
| GEOGRAPHIC DIVISIONS    |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 2 New England           | 1,098.7      | 0.1                            | 0.5                                       | 0.1           | 0.5              | 0.4            | 27.1                       | 0.5         | 0.0     | 5.9        | 0.3     | 0.1  | 176.7                             | 0.3                     | 35.3              |
| 3 Middle Atlantic       | 1,070.4      | 0.1                            | 0.5                                       | 0.0           | 0.3              | 0.1            | 32.6                       | 0.1         | 0.0     | 7.8        | 0.3     | 0.5  | 165.8                             | 0.7                     | 38.5              |
| 4 East North Central    | 1,016.5      | 0.1                            | 0.7                                       | 0.0           | 0.4              | 0.2            | 25.3                       | 0.2         | 0.0     | 8.0        | 0.8     | 1.1  | 146.8                             | 0.5                     | 30.3              |
| 5 West North Central    | 1,001.6      | 0.2                            | 0.5                                       | 0.1           | 0.6              | 0.3            | 17.0                       | 0.2         | 0.0     | 6.4        | 0.7     | 2.7  | 146.0                             | 0.5                     | 26.4              |
| 6 South Atlantic        | 931.2        | 0.3                            | 0.7                                       | 0.0           | 1.4              | 0.8            | 33.2                       | 0.7         | 0.2     | 9.4        | 0.4     | 1.2  | 100.8                             | 0.9                     | 19.7              |
| 7 East North Central    | 939.4        | 0.2                            | 1.0                                       | 0.1           | 1.7              | 1.0            | 39.8                       | 1.4         | 0.3     | 8.2        | 0.9     | 0.6  | 97.0                              | 1.2                     | 14.8              |
| 8 West South Central    | 860.2        | 0.3                            | 0.5                                       | 0.0           | 1.6              | 0.7            | 34.6                       | 3.6         | 0.5     | 9.2        | 0.9     | 1.8  | 97.6                              | 0.6                     | 15.2              |
| 9 Mountain              | 951.9        | 0.2                            | 0.7                                       | 0.1           | 2.2              | 0.7            | 34.8                       | 1.6         | 0       | 7.6        | 1.4     | 1.6  | 105.2                             | 0.8                     | 17.4              |
| 10 Pacific              | 935.2        | 0.1                            | 0.5                                       | 0.0           | 0.2              | 0.4            | 28.7                       | 0.3         | 0.0     | 7.6        | 0.4     | 2.8  | 131.8                             | 0.3                     | 20.4              |
| NEW ENGLAND             |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 11 Maine                | 1,108.9      | 0                              | 0.4                                       | 0.3           | 0.6              | 0.3            | 21.9                       | 0.2         | 0       | 5.1        | 0.7     | 0.1  | 165.9                             | 0.3                     | 27.2              |
| 12 New Hampshire        | 1,180.1      | 0                              | 0.4                                       | 0             | 0.6              | 0              | 13.8                       | 0           | 0       | 9.0        | 0.4     | 0.2  | 184.3                             | 0.2                     | 33.5              |
| 13 Vermont              | 1,128.4      | 0                              | 0.8                                       | 0.3           | 0.8              | 0              | 31.7                       | 0.3         | 0       | 3.6        | 0       | 0.6  | 166.1                             | 1.1                     | 29.2              |
| 14 Massachusetts        | 1,134.3      | 0.1                            | 0.5                                       | 0.0           | 0.3              | 0.6            | 29.6                       | 0.5         | 0.1     | 5.6        | 0.4     | 0.1  | 183.0                             | 0.3                     | 36.7              |
| 15 Rhode Island         | 1,099.1      | 0                              | 0.3                                       | 0.1           | 0                | 0.1            | 26.7                       | 0.3         | 0       | 6.0        | 0.1     | 0  | 161.2                             | 0.3                     | 45.4              |
| 16 Connecticut          | 983.9        | 0.1                            | 0.5                                       | 0             | 0                | 0.1            | 26.5                       | 0.1         | 0       | 6.6        | 0.1     | 0.1  | 173.5                             | 0.2                     | 35.7              |
| MIDDLE ATLANTIC         |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 17 New York             | 1,112.0      | 0.0                            | 0.4                                       | 0.0           | 0.2              | 0.1            | 36.0                       | 0.1         | 0.0     | 8.4        | 0.3     | 0.4  | 179.4                             | 0.6                     | 43.8              |
| 18 New Jersey           | 1,008.3      | 0.1                            | 0.5                                       | 0.0           | 0.1              | 0.1            | 29.2                       | 0.1         | 0.0     | 7.2        | 0.4     | 0.9  | 161.8                             | 0.7                     | 32.8              |
| 19 Pennsylvania         | 1,042.2      | 0.1                            | 0.5                                       | 0.1           | 0.5              | 0.2            | 29.4                       | 0.1         | 0.0     | 7.4        | 0.2     | 0.4  | 149.0                             | 1.0                     | 35.9              |
| EAST NORTH CENTRAL      |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 20 Ohio                 | 1,031.5      | 0.2                            | 0.8                                       | 0.1           | 0.7              | 0.3            | 27.4                       | 0.3         | 0.0     | 10.2       | 0.8     | 1.1  | 144.8                             | 0.6                     | 29.7              |
| 21 Indiana              | 1,009.5      | 0.1                            | 0.9                                       | 0.1           | 0.5              | 0.4            | 23.4                       | 0.3         | 0.1     | 8.0        | 0.9     | 0.7  | 134.8                             | 0.8                     | 26.1              |
| 22 Illinois             | 1,094.0      | 0.1                            | 0.6                                       | 0             | 0.3              | 0.1            | 31.8                       | 0.2         | 0.1     | 7.5        | 1.0     | 0.8  | 185.8                             | 0.5                     | 33.6              |
| 23 Michigan             | 913.5        | 0.1                            | 0.5                                       | 0.0           | 0.1              | 0.1            | 25.6                       | 0.3         | 0.0     | 8.1        | 0.7     | 0.9  | 128.8                             | 0.4                     | 28.3              |
| 24 Wisconsin            | 986.8        | 0                              | 0.4                                       | 0             | 0.4              | 0.1            | 14.4                       | 0.1         | 0.1     | 4.4        | 0.5     | 2.9  | 151.5                             | 0.5                     | 32.2              |
| WEST NORTH CENTRAL      |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 25 Minnesota            | 933.9        | 0.1                            | 0.4                                       | 0.1           | 0.5              | 0.5            | 16.8                       | 0.1         | 0       | 4.6        | 0.4     | 3.6  | 145.0                             | 0.4                     | 26.4              |
| 26 Iowa                 | 997.9        | 0.1                            | 0.7                                       | 0.0           | 0.1              | 0.1            | 9.5                        | 0.2         | 0.0     | 5.5        | 1.0     | 2.9  | 149.0                             | 0.5                     | 28.3              |
| 27 Missouri             | 1,098.5      | 0.3                            | 0.5                                       | 0.1           | 0.9              | 0.3            | 26.1                       | 0.6         | 0.1     | 9.4        | 0.8     | 0.8  | 157.5                             | 0.6                     | 25.4              |
| 28 North Dakota         | 894.2        | 0                              | 1.0                                       | 0.3           | 0.3              | 1.0            | 10.7                       | 0.2         | 0.2     | 2.9        | 1.2     | 1.5  | 111.9                             | 0.5                     | 29.4              |
| 29 South Dakota         | 950.2        | 0                              | 0.2                                       | 0             | 1.5              | 0              | 18.5                       | 0           | 0       | 5.4        | 0.8     | 14.7   | 119.5                             | 0.7                     | 26.5              |
| 30 Nebraska             | 933.2        | 0.1                            | 0.3                                       | 0.1           | 0.5              | 0.2            | 13.0                       | 0.1         | 0       | 5.3        | 0.9     | 2.2  | 151.3                             | 0.2                     | 29.8              |
| 31 Kansas               | 979.1        | 0.1                            | 0.7                                       | 0.1           | 0.7              | 0.1            | 13.3                       | 0.1         | 0       | 6.2        | 0.1     | 1.4  | 135.5                             | 0.5                     | 22.6              |
| SOUTH ATLANTIC          |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 32 Delaware             | 1,135.7      | 0.7                            | 1.0                                       | 0             | 0.7              | 0.3            | 39.7                       | 0.3         | 0       | 10.3       | 0       | 1.0  | 144.7                             | 0.7                     | 38.3              |
| 33 Maryland             | 1,041.3      | 0.2                            | 0.4                                       | 0             | 0.3              | 0.4            | 46.9                       | 0.2         | 0       | 12.8       | 0.4     | 0.5  | 138.5                             | 0.6                     | 30.5              |
| 34 District of Columbia | 949.8        | 0.3                            | 0.3                                       | 0             | 0                | 0.2            | 51.1                       | 0.1         | 0       | 13.3       | 0.3     | 0.2  | 138.9                             | 0.3                     | 25.5              |
| 35 Virginia             | 949.7        | 0.3                            | 0.9                                       | 0.0           | 1.3              | 0.5            | 35.6                       | 0.4         | 0       | 9.2        | 0.5     | 1.0  | 99.6                              | 1.3                     | 21.5              |
| 36 West Virginia        | 921.0        | 0.3                            | 1.4                                       | 0.2           | 1.9              | 1.0            | 32.5                       | 0.8         | 0.1     | 8.6        | 1.6     | 0.7  | 98.1                              | 1.2                     | 19.6              |
| 37 North Carolina       | 794.1        | 0.2                            | 0.5                                       | 0.0           | 1.2              | 0.8            | 25.0                       | 0.4         | 0.0     | 5.1        | 0.2     | 3.8  | 75.2                              | 0.8                     | 14.8              |
| 38 South Carolina       | 906.0        | 0.8                            | 0.7                                       | 0.1           | 3.9              | 2.1            | 27.6                       | 0.6         | 0.6     | 11.6       | 0.2     | 0.8  | 75.5                              | 0.8                     | 15.9              |
| 39 Georgia              | 832.3        | 0.3                            | 0.6                                       | 0.0           | 1.3              | 0.9            | 31.6                       | 1.6         | 0.1     | 8.9        | 0.2     | 0.2  | 92.7                              | 1.0                     | 14.5              |
| 40 Florida              | 1,019.2      | 0.2                            | 0.5                                       | 0.0           | 0.9              | 0.6            | 30.7                       | 0.7         | 0.5     | 11.2       | 0.3     | 0.8  | 122.9                             | 0.6                     | 20.8              |
| EAST SOUTH CENTRAL      |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 41 Kentucky             | 982.1        | 0.4                            | 1.3                                       | 0.1           | 2.0              | 1.1            | 45.2                       | 2.3         | 0.1     | 6.7        | 1.4     | 0.4  | 108.9                             | 0.6                     | 16.4              |
| 42 Tennessee            | 906.8        | 0.3                            | 0.8                                       | 0.3           | 1.4              | 0.7            | 44.8                       | 0.8         | 0.3     | 6.9        | 0.7     | 1.0  | 95.7                              | 1.5                     | 13.8              |
| 43 Alabama              | 917.6        | 0.2                            | 1.1                                       | 0.1           | 2.0              | 1.3            | 35.2                       | 1.0         | 0.6     | 9.9        | 0.5     | 0.6  | 91.5                              | 1.2                     | 14.1              |
| 44 Mississippi          | 960.1        | 0.1                            | 0.9                                       | 0.0           | 1.4              | 0.7            | 31.5                       | 1.4         | 0.5     | 9.9        | 1.2     | 0.3  | 90.4                              | 1.2                     | 14.9              |
| WEST SOUTH CENTRAL      |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 45 Arkansas             | 786.0        | 0.4                            | 0.4                                       | 0.1           | 1.6              | 0.5            | 37.5                       | 0.8         | 1.1     | 7.6        | 1.0     | 0.7  | 86.7                              | 0.7                     | 11.9              |
| 46 Louisiana            | 909.3        | 0.5                            | 0.9                                       | 0.1           | 1.5              | 0.7            | 36.5                       | 0.5         | 0.7     | 15.6       | 0.6     | 0.7  | 106.2                             | 0.6                     | 17.6              |
| 47 Oklahoma             | 831.3        | 0.3                            | 0.4                                       | 0             | 1.9              | 0.7            | 26.4                       | 1.2         | 0.3     | 7.2        | 0.4     | 1.5  | 108.3                             | 0.4                     | 17.3              |
| 48 Texas                | 871.6        | 0.3                            | 0.5                                       | 0.0           | 1.6              | 0.8            | 35.7                       | 6.3         | 0.4     | 8.0        | 1.2     | 2.6  | 94.1                              | 0.6                     | 14.6              |
| MOUNTAIN                |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 49 Montana              | 1,151.5      | 0                              | 0.2                                       | 0             | 1.2              | 0.6            | 29.8                       | 0.2         | 0       | 7.6        | 2.3     | 1.2  | 141.7                             | 0.4                     | 23.1              |
| 50 Idaho                | 837.2        | 0.2                            | 1.0                                       | 0             | 0.5              | 0.5            | 11.9                       | 0           | 0       | 3.2        | 0.5     | 1.0  | 98.1                              | 0.5                     | 19.5              |
| 51 Wyoming              | 836.3        | 0                              | 0.7                                       | 0             | 1.1              | 0.4            | 10.5                       | 0.4         | 0       | 7.7        | 3.9     | 2.8  | 89.1                              | 0.7                     | 16.5              |
| 52 Colorado             | 1,049.4      | 0.1                            | 0.8                                       | 0.3           | 2.0              | 0.7            | 30.2                       | 0.8         | 0       | 8.8        | 0.5     | 1.0  | 130.9                             | 0.5                     | 20.0              |
| 53 New Mexico           | 982.3        | 0.9                            | 0.4                                       | 0             | 7.5              | 1.6            | 53.1                       | 6.8         | 0       | 11.0       | 1.6     | 1.6  | 77.9                              | 1.8                     | 9.6               |
| 54 Arizona              | 935.5        | 0.4                            | 0.4                                       | 0             | 2.8              | 1.0            | 82.4                       | 2.8         | 0       | 8.9        | 3.0     | 2.6  | 86.6                              | 0.4                     | 13.9              |
| 55 Utah                 | 756.7        | 0                              | 1.0                                       | 0.1           | 0.7              | 0.4            | 10.3                       | 0.6         | 0       | 4.5        | 0.3     | 1.8  | 84.3                              | 1.3                     | 18.1              |
| 56 Nevada               | 990.2        | 0                              | 0.6                                       | 0             | 0                | 0              | 43.8                       | 0.6         | 0       | 9.1        | 0       | 1.2  | 115.9                             | 0.6                     | 15.2              |
| PACIFIC                 |              |                                |   |               |                  |                |                            |             |         |            |         |  |                                   |                         |                   |
| 57 Washington           | 901.8        | 0.0                            | 0.2                                       | 0             | 0.2              | 0.4            | 24.3                       | 0.2         | 0.1     | 5.4        | 0.4     | 1.7  | 123.5                             | 0.4                     | 19.8              |
| 58 Oregon               | 859.1        | 0                              | 0.2                                       | 0             | 0.3              | 0.4            | 15.2                       | 0.1         | 0       | 6.1        | 0.2     | 0.8  | 118.4                             | 0.3                     | 16.7              |
| 59 California           | 965.2        | 0.1                            | 0.6                                       | 0.0           | 0.2              | 0.4            | 31.8                       | 0.4         | 0.0     | 8.4        | 0.4     | 3.4  | 135.9                             | 0.3                     | 21.1              |

# SUMMARY AND RATE TABLES

## OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1948

Numbers under causes of death are International List numbers, 1938 revision)

| Pellagra<br>(except<br>alco-<br>holic) | Intra-<br>cranial<br>lesions<br>of vas-<br>cular<br>origin | Diseases<br>of the<br>heart | Pneumonia<br>(all<br>forms)<br>and in-<br>fluenza | Diarrhea,<br>enteri-<br>tis, and<br>ulcera-<br>tion of<br>intes-<br>tines | Nephritis | Diseases of<br>pregnancy,<br>childbirth,<br>and the<br>puerperium | Congeni-<br>tal<br>malfor-<br>mations | Premature<br>birth | Other<br>diseases<br>peculiar<br>to early<br>infancy | Suicide | Homi-<br>cide | Motor-<br>vehicle<br>accidents | Other<br>accidents | Senility,<br>ill-<br>defined<br>and<br>unknown<br>causes | All<br>other<br>causes |    |
|--|--|-----------------------------|---|---|-----------|---|---------------------------------------|--------------------|--|---------|---------------|--------------------------------|--------------------|--|------------------------|----|
| 89                                     | 85   | 90-95                       | 107-<br>109,33                                    | 119,120   | 130-132   | 140-150   | 157                                   | 159                | 158,<br>160,161                                      | 163,164 | 165-168       | 170                            | 169,<br>171-195    | 162,<br>199,200  |                        |    |
| 0.4                                    | 89.7   | 322.7                       | 38.7  | 6.0   | 53.0      | 2.8   | 13.2                                  | 26.7               | 15.4   | 11.2    | 5.8           | 22.1                           | 45.0               | 16.7   | 112.5                  | 1  |
| 0.1                                    | 101.5  | 412.2                       | 36.8  | 3.3   | 48.6      | 1.8   | 14.3                                  | 21.6               | 13.2   | 11.1    | 1.5           | 13.2                           | 44.6               | 6.5  | 122.9                  | 2  |
| 0.0                                    | 82.0   | 402.5                       | 35.2  | 2.8   | 50.0      | 1.9   | 12.4                                  | 22.6               | 12.5   | 11.4    | 2.9           | 14.9                           | 42.7               | 7.2  | 122.2                  | 3  |
| 0.1                                    | 95.0   | 347.9                       | 33.3  | 4.7   | 55.0      | 2.0   | 14.0                                  | 25.4               | 14.1   | 11.5    | 4.2           | 25.1                           | 44.6               | 8.6  | 115.6                  | 4  |
| 0.1                                    | 107.2  | 323.7                       | 37.6  | 4.1   | 52.2      | 2.0   | 13.4                                  | 25.5               | 14.9   | 11.7    | 3.2           | 22.8                           | 49.8               | 14.5   | 119.7                  | 5  |
| 1.1                                    | 94.9   | 260.9                       | 41.3  | 6.2   | 66.6      | 4.6   | 13.1                                  | 35.0               | 18.5   | 10.2    | 11.7          | 23.3                           | 45.7               | 26.5   | 102.2                  | 6  |
| 1.4                                    | 94.9   | 236.5                       | 50.1  | 8.7   | 64.3      | 5.6   | 12.4                                  | 32.7               | 19.0   | 7.7     | 13.3          | 23.3                           | 43.4               | 65.4   | 94.2                   | 7  |
| 1.2                                    | 76.4   | 230.3                       | 44.7  | 15.3  | 46.1      | 4.1   | 12.1                                  | 32.1               | 16.9   | 7.6     | 8.9           | 24.1                           | 43.3               | 35.0   | 96.9                   | 8  |
| 0.2                                    | 71.6   | 254.4                       | 48.4  | 16.5  | 44.3      | 3.4   | 15.8                                  | 34.8               | 22.6   | 13.6    | 4.8           | 34.1                           | 60.7               | 35.6   | 116.8                  | 9  |
| 0.1                                    | 77.9   | 315.3                       | 37.6  | 4.3   | 39.4      | 1.7   | 12.9                                  | 23.6               | 14.8   | 16.3    | 4.1           | 27.4                           | 43.0               | 10.1   | 115.1                  | 10 |
| 0                                      | 117.6  | 374.9                       | 47.7  | 5.7   | 61.0      | 2.0   | 15.6                                  | 21.2               | 18.2   | 13.4    | 1.7           | 18.3                           | 45.5               | 16.0   | 126.1                  | 11 |
| 0                                      | 117.2  | 431.0                       | 45.1  | 3.4   | 52.0      | 2.9   | 15.9                                  | 27.0               | 12.8   | 15.3    | 1.0           | 18.2                           | 40.0               | 13.2   | 143.2                  | 12 |
| 0.8                                    | 101.7  | 392.3                       | 42.1  | 2.2   | 52.9      | 2.5   | 17.4                                  | 24.8               | 14.9   | 13.5    | 0.8           | 23.4                           | 53.4               | 7.7  | 143.5                  | 13 |
| 0.0                                    | 105.2  | 440.3                       | 39.8  | 3.3   | 42.3      | 1.6   | 13.8                                  | 21.4               | 12.5   | 10.3    | 1.4           | 11.2                           | 46.6               | 3.6  | 123.2                  | 14 |
| 0                                      | 93.4   | 421.7                       | 30.7  | 3.0   | 61.3      | 3.0   | 13.8                                  | 24.2               | 12.9   | 6.6     | 2.7           | 10.1                           | 42.1               | 3.6  | 129.3                  | 15 |
| 0                                      | 84.6   | 358.7                       | 24.0  | 2.4   | 42.0      | 1.3   | 14.0                                  | 19.2               | 12.5   | 12.1    | 1.7           | 13.2                           | 40.2               | 7.2  | 109.3                  | 16 |
| 0.0                                    | 76.4   | 435.8                       | 37.1  | 2.7   | 40.5      | 1.8   | 12.7                                  | 23.0               | 12.2   | 11.4    | 3.0           | 13.9                           | 44.5               | 5.1  | 124.0                  | 17 |
| 0.0                                    | 85.3   | 369.4                       | 28.1  | 1.9   | 53.6      | 1.6   | 11.5                                  | 21.3               | 12.0   | 12.5    | 2.6           | 12.9                           | 37.4               | 4.8  | 119.7                  | 18 |
| 0.0                                    | 88.2   | 375.0                       | 35.7  | 3.4   | 61.2      | 2.2   | 12.5                                  | 22.6               | 13.1   | 11.0    | 2.9           | 17.1                           | 42.6               | 11.2   | 120.9                  | 19 |
| 0.0                                    | 104.6  | 337.3                       | 36.0  | 6.2   | 55.6      | 2.0   | 13.9                                  | 24.9               | 15.9   | 12.4    | 4.5           | 24.9                           | 44.5               | 12.9   | 119.1                  | 20 |
| 0.1                                    | 107.5  | 317.2                       | 35.6  | 5.6   | 72.0      | 2.3   | 14.0                                  | 25.3               | 12.8   | 12.8    | 4.2           | 27.4                           | 48.0               | 7.7  | 120.2                  | 21 |
| 0.1                                    | 87.0   | 409.8                       | 33.1  | 3.0   | 61.6      | 1.8   | 13.0                                  | 23.4               | 13.1   | 10.6    | 5.7           | 23.4                           | 45.5               | 3.7  | 116.6                  | 22 |
| 0.1                                    | 84.3   | 302.0                       | 30.8  | 5.4   | 39.9      | 1.9   | 15.2                                  | 29.5               | 13.6   | 10.4    | 3.4           | 25.6                           | 40.0               | 9.2  | 108.3                  | 23 |
| 0.0                                    | 97.6   | 339.4                       | 29.3  | 3.2   | 44.8      | 2.6   | 14.8                                  | 23.8               | 14.9   | 12.2    | 0.9           | 25.5                           | 46.9               | 10.2   | 113.0                  | 24 |
| 0.1                                    | 99.5   | 305.6                       | 36.9  | 2.6   | 27.6      | 1.6   | 14.8                                  | 24.4               | 15.7   | 11.5    | 1.9           | 20.2                           | 45.1               | 9.6  | 118.9                  | 25 |
| 0.0                                    | 113.3  | 329.4                       | 34.5  | 3.7   | 50.0      | 1.8   | 14.4                                  | 22.2               | 14.1   | 13.8    | 1.4           | 23.0                           | 52.0               | 11.0   | 115.3                  | 26 |
| 0.1                                    | 110.7  | 365.6                       | 46.9  | 5.2   | 71.8      | 2.3   | 12.3                                  | 21.2               | 15.1   | 11.0    | 6.2           | 22.6                           | 47.5               | 15.0   | 123.7                  | 27 |
| 0                                      | 94.5   | 264.4                       | 27.7  | 5.7   | 40.5      | 2.7   | 12.9                                  | 31.6               | 19.1   | 6.2     | 0.9           | 19.8                           | 55.8               | 26.5   | 112.7                  | 28 |
| 0                                      | 102.3  | 271.4                       | 37.0  | 4.3   | 36.5      | 2.8   | 15.2                                  | 32.6               | 14.2   | 10.6    | 2.0           | 25.4                           | 56.6               | 26.2   | 126.5                  | 29 |
| 0                                      | 101.9  | 302.2                       | 34.2  | 3.3   | 50.8      | 1.7   | 13.2                                  | 27.1               | 12.9   | 13.7    | 2.5           | 21.7                           | 51.5               | 20.1   | 132.6                  | 30 |
| 0.2                                    | 112.6  | 314.9                       | 29.3  | 4.5   | 62.8      | 1.8   | 11.9                                  | 20.5               | 14.8   | 11.0    | 3.3           | 26.3                           | 52.6               | 14.4   | 116.8                  | 31 |
| 0                                      | 87.7   | 378.7                       | 41.3  | 3.3   | 96.7      | 2.7   | 10.0                                  | 28.7               | 13.3   | 16.7    | 6.0           | 23.0                           | 48.3               | 13.0   | 126.7                  | 32 |
| 0.1                                    | 79.0   | 357.2                       | 34.8  | 3.1   | 76.9      | 2.3   | 14.2                                  | 25.3               | 15.5   | 14.8    | 8.2           | 19.2                           | 42.9               | 4.0  | 112.3                  | 33 |
| 0                                      | 85.2   | 286.4                       | 30.4  | 1.5   | 82.2      | 2.2   | 10.4                                  | 26.9               | 16.0   | 11.2    | 9.7           | 12.1                           | 48.8               | 3.0  | 113.0                  | 34 |
| 0.8                                    | 103.5  | 271.9                       | 42.2  | 6.2   | 64.3      | 3.7   | 13.9                                  | 37.0               | 20.1   | 11.0    | 9.8           | 22.9                           | 45.0               | 18.2   | 107.0                  | 35 |
| 0                                      | 87.1   | 246.8                       | 44.8  | 9.4   | 48.7      | 3.1   | 16.9                                  | 35.0               | 20.1   | 10.2    | 7.9           | 22.9                           | 66.6               | 35.3   | 98.3                   | 36 |
| 1.1                                    | 88.3   | 211.9                       | 38.8  | 6.0   | 64.0      | 5.5   | 13.5                                  | 34.5               | 18.5   | 8.5     | 11.0          | 21.8                           | 37.3               | 24.1   | 81.5                   | 37 |
| 1.7                                    | 99.0   | 232.7                       | 50.2  | 7.0   | 76.3      | 6.9   | 11.8                                  | 35.0               | 20.5   | 5.4     | 12.6          | 27.0                           | 41.7               | 44.9   | 92.4                   | 38 |
| 2.6                                    | 111.5  | 230.5                       | 46.9  | 7.9   | 78.7      | 6.3   | 11.3                                  | 32.7               | 18.5   | 8.6     | 16.9          | 24.6                           | 42.8               | 34.5   | 103.9                  | 39 |
| 1.2                                    | 101.2  | 287.8                       | 36.3  | 5.6   | 61.5      | 4.7   | 12.4                                  | 32.3               | 17.7   | 12.9    | 15.5          | 28.4                           | 52.1               | 38.0   | 121.0                  | 40 |
| 0.5                                    | 97.3   | 274.8                       | 53.8  | 15.4  | 60.8      | 4.1   | 14.0                                  | 29.2               | 18.9   | 9.6     | 11.0          | 25.5                           | 49.4               | 22.3   | 109.0                  | 41 |
| 1.4                                    | 94.9   | 234.6                       | 49.6  | 8.6   | 53.7      | 4.5   | 13.3                                  | 31.5               | 18.7   | 8.2     | 11.5          | 20.4                           | 36.3               | 61.3   | 91.1                   | 42 |
| 2.4                                    | 93.4   | 222.1                       | 50.2  | 6.1   | 69.6      | 6.7   | 12.1                                  | 37.0               | 18.6   | 6.7     | 16.1          | 25.6                           | 43.1               | 63.6   | 85.1                   | 43 |
| 1.4                                    | 83.9   | 207.4                       | 46.1  | 8.1   | 77.8      | 8.0   | 9.5                                   | 33.4               | 20.1   | 5.9     | 15.2          | 21.8                           | 46.1               | 121.8  | 91.2                   | 44 |
| 0.8                                    | 79.7   | 204.8                       | 45.8  | 5.2   |           |   |                                       |                    |  |         |               |                                |                    |  |                        |    |

## VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—POPULATION ESTIMATES AS OF JULY 1:

| AREA                        | 1940               |             | 1941               |             | 1942               |             | 1943               |             |
|-----------------------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|
|                             | Total <sup>1</sup> | Civilian    |
| 1 UNITED STATES-----        | 131,954,000        | 131,659,000 | 133,060,000        | 131,558,000 | 133,771,000        | 130,875,000 | 133,966,000        | 127,410,000 |
| 2 Alabama-----              | 2,825,000          | 2,821,000   | 2,828,000          | 2,794,000   | 2,815,000          | 2,751,000   | 2,814,000          | 2,666,000   |
| 3 Arizona-----              | 506,000            | 505,000     | 532,000            | 524,000     | 595,000            | 558,000     | 690,000            | 547,000     |
| 4 Arkansas-----             | 1,950,000          | 1,950,000   | 1,955,000          | 1,930,000   | 1,924,000          | 1,885,000   | 1,876,000          | 1,800,000   |
| 5 California-----           | 6,980,000          | 6,830,000   | 7,376,000          | 7,195,000   | 7,862,000          | 7,444,000   | 8,376,000          | 7,490,000   |
| 6 Colorado-----             | 1,136,000          | 1,133,000   | 1,146,000          | 1,139,000   | 1,133,000          | 1,110,000   | 1,166,000          | 1,064,000   |
| 7 Connecticut-----          | 1,708,000          | 1,706,000   | 1,717,000          | 1,714,000   | 1,773,000          | 1,758,000   | 1,757,000          | 1,723,000   |
| 8 Delaware-----             | 269,000            | 268,000     | 273,000            | 272,000     | 270,000            | 268,000     | 271,000            | 261,000     |
| 9 District of Columbia----- | 679,000            | 674,000     | 764,000            | 754,000     | 824,000            | 799,000     | 885,000            | 821,000     |
| 10 Florida-----             | 1,914,000          | 1,904,000   | 2,032,000          | 1,961,000   | 2,139,000          | 1,974,000   | 2,313,000          | 1,810,000   |
| 11 Georgia-----             | 3,108,000          | 3,091,000   | 3,190,000          | 3,103,000   | 3,197,000          | 3,039,000   | 3,179,000          | 2,927,000   |
| 12 Idaho-----               | 529,000            | 529,000     | 521,000            | 521,000     | 523,000            | 521,000     | 535,000            | 504,000     |
| 13 Illinois-----            | 7,892,000          | 7,882,000   | 7,884,000          | 7,841,000   | 7,890,000          | 7,806,000   | 7,671,000          | 7,494,000   |
| 14 Indiana-----             | 3,437,000          | 3,435,000   | 3,479,000          | 3,473,000   | 3,520,000          | 3,606,000   | 3,528,000          | 3,462,000   |
| 15 Iowa-----                | 2,542,000          | 2,540,000   | 2,523,000          | 2,522,000   | 2,478,000          | 2,476,000   | 2,407,000          | 2,381,000   |
| 16 Kansas-----              | 1,798,000          | 1,793,000   | 1,794,000          | 1,775,000   | 1,809,000          | 1,778,000   | 1,814,000          | 1,721,000   |
| 17 Kentucky-----            | 2,856,000          | 2,848,000   | 2,814,000          | 2,805,000   | 2,777,000          | 2,720,000   | 2,737,000          | 2,600,000   |
| 18 Louisiana-----           | 2,366,000          | 2,362,000   | 2,459,000          | 2,393,000   | 2,501,000          | 2,368,000   | 2,549,000          | 2,313,000   |
| 19 Maine-----               | 847,000            | 845,000     | 844,000            | 840,000     | 828,000            | 819,000     | 802,000            | 782,000     |
| 20 Maryland-----            | 1,835,000          | 1,823,000   | 1,909,000          | 1,857,000   | 1,978,000          | 1,897,000   | 1,993,000          | 1,879,000   |
| 21 Massachusetts-----       | 4,309,000          | 4,305,000   | 4,324,000          | 4,261,000   | 4,290,000          | 4,297,000   | 4,201,000          | 4,057,000   |
| 22 Michigan-----            | 5,279,000          | 5,275,000   | 5,332,000          | 5,304,000   | 5,334,000          | 5,309,000   | 5,385,000          | 5,312,000   |
| 23 Minnesota-----           | 2,800,000          | 2,798,000   | 2,769,000          | 2,786,000   | 2,737,000          | 2,730,000   | 2,646,000          | 2,627,000   |
| 24 Mississippi-----         | 2,183,000          | 2,183,000   | 2,283,000          | 2,229,000   | 2,293,000          | 2,181,000   | 2,352,000          | 2,104,000   |
| 25 Missouri-----            | 3,797,000          | 3,795,000   | 3,841,000          | 3,799,000   | 3,899,000          | 3,814,000   | 3,789,000          | 3,647,000   |
| 26 Montana-----             | 560,000            | 560,000     | 555,000            | 555,000     | 528,000            | 528,000     | 488,000            | 478,000     |
| 27 Nebraska-----            | 1,315,000          | 1,313,000   | 1,280,000          | 1,277,000   | 1,251,000          | 1,245,000   | 1,271,000          | 1,227,000   |
| 28 Nevada-----              | 112,000            | 112,000     | 114,000            | 117,000     | 131,000            | 128,000     | 142,000            | 126,000     |
| 29 New Hampshire-----       | 492,000            | 491,000     | 493,000            | 489,000     | 490,000            | 482,000     | 470,000            | 452,000     |
| 30 New Jersey-----          | 4,154,000          | 4,150,000   | 4,166,000          | 4,121,000   | 4,168,000          | 4,104,000   | 4,149,000          | 4,016,000   |
| 31 New Mexico-----          | 536,000            | 536,000     | 539,000            | 537,000     | 537,000            | 525,000     | 542,000            | 498,000     |
| 32 New York-----            | 13,460,000         | 13,438,000  | 13,353,000         | 13,302,000  | 13,193,000         | 13,103,000  | 12,921,000         | 12,660,000  |
| 33 North Carolina-----      | 3,584,000          | 3,578,000   | 3,670,000          | 3,597,000   | 3,667,000          | 3,561,000   | 3,690,000          | 3,419,000   |
| 34 North Dakota-----        | 639,000            | 639,000     | 616,000            | 616,000     | 580,000            | 580,000     | 535,000            | 532,000     |
| 35 Ohio-----                | 6,905,000          | 6,902,000   | 6,898,000          | 6,894,000   | 6,878,000          | 6,880,000   | 6,763,000          | 6,712,000   |
| 36 Oklahoma-----            | 2,321,000          | 2,315,000   | 2,060,000          | 2,035,000   | 2,074,000          | 2,028,000   | 2,286,000          | 2,149,000   |
| 37 Oregon-----              | 1,102,000          | 1,102,000   | 1,141,000          | 1,133,000   | 1,160,000          | 1,150,000   | 1,257,000          | 1,183,000   |
| 38 Pennsylvania-----        | 9,831,000          | 9,826,000   | 9,877,000          | 9,853,000   | 9,758,000          | 9,728,000   | 9,517,000          | 9,412,000   |
| 39 Rhode Island-----        | 711,000            | 708,000     | 707,000            | 696,000     | 714,000            | 690,000     | 733,000            | 677,000     |
| 40 South Carolina-----      | 1,894,000          | 1,885,000   | 1,965,000          | 1,889,000   | 2,006,000          | 1,879,000   | 1,967,000          | 1,813,000   |
| 41 South Dakota-----        | 639,000            | 638,000     | 610,000            | 608,000     | 577,000            | 574,000     | 568,000            | 540,000     |
| 42 Tennessee-----           | 2,933,000          | 2,933,000   | 2,973,000          | 2,948,000   | 2,925,000          | 2,899,000   | 2,951,000          | 2,809,000   |
| 43 Texas-----               | 6,426,000          | 6,403,000   | 6,589,000          | 6,440,000   | 6,690,000          | 6,427,000   | 6,958,000          | 6,230,000   |
| 44 Utah-----                | 555,000            | 554,000     | 569,000            | 566,000     | 599,000            | 583,000     | 643,000            | 589,000     |
| 45 Vermont-----             | 360,000            | 358,000     | 353,000            | 349,000     | 343,000            | 342,000     | 325,000            | 316,000     |
| 46 Virginia-----            | 2,721,000          | 2,686,000   | 2,803,000          | 2,698,000   | 3,002,000          | 2,776,000   | 2,972,000          | 2,650,000   |
| 47 Washington-----          | 1,752,000          | 1,736,000   | 1,819,000          | 1,756,000   | 1,820,000          | 1,808,000   | 2,036,000          | 1,658,000   |
| 48 West Virginia-----       | 1,915,000          | 1,913,000   | 1,912,000          | 1,911,000   | 1,890,000          | 1,879,000   | 1,777,000          | 1,774,000   |
| 49 Wisconsin-----           | 3,141,000          | 3,140,000   | 3,121,000          | 3,121,000   | 3,037,000          | 3,032,000   | 3,000,000          | 2,940,000   |
| 50 Wyoming-----             | 255,000            | 251,000     | 268,000            | 259,000     | 279,000            | 260,000     | 272,000            | 248,000     |

<sup>1</sup>Excluding armed forces overseas; including armed forces present in area. Unrounded population figures used in computing death rates for the United States, 1940-45, are given in table F.

NOTES.—For estimated total population of the United States for 1940-48, including armed forces overseas, see table F. For total populations for 1900, 1910, 1920-39, see "Vital Statistics of the United States, Part I, 1942," table VIII.

For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. "Current Population Reports": 1948 from Series P-25, No. 26; 1940-47 from Series P-25, No. 12, except United States totals for 1947 which are from P-25, No. 27.

# SUMMARY AND RATE TABLES

UNITED STATES AND EACH STATE, 1940-48

| 1944               |             | 1945               |             | 1946               |             | 1947               |             | 1948               |             |    |
|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|----|
| Total <sup>1</sup> | Civilian    |    |
| 132,552,000        | 126,536,000 | 132,019,000        | 127,452,000 | 139,899,000        | 138,400,000 | 143,405,000        | 142,650,000 | 146,113,000        | 145,290,000 | 1  |
| 2,746,000          | 2,631,000   | 2,696,000          | 2,611,000   | 2,808,000          | 2,774,000   | 2,834,000          | 2,827,000   | 2,901,000          | 2,891,000   | 2  |
| 598,000            | 535,000     | 570,000            | 529,000     | 596,000            | 591,000     | 644,000            | 637,000     | 704,000            | 694,000     | 3  |
| 1,845,000          | 1,774,000   | 1,829,000          | 1,765,000   | 1,892,000          | 1,874,000   | 1,913,000          | 1,812,000   | 1,937,000          | 1,936,000   | 4  |
| 8,697,000          | 7,901,000   | 9,073,000          | 8,363,000   | 9,471,000          | 9,282,000   | 9,812,000          | 9,688,000   | 10,554,000         | 10,217,000  | 5  |
| 1,115,000          | 1,025,000   | 1,071,000          | 1,010,000   | 1,134,000          | 1,089,000   | 1,144,000          | 1,127,000   | 1,199,000          | 1,185,000   | 6  |
| 1,744,000          | 1,715,000   | 1,747,000          | 1,729,000   | 1,912,000          | 1,907,000   | 1,974,000          | 1,970,000   | 1,989,000          | 1,985,000   | 7  |
| 274,000            | 263,000     | 273,000            | 263,000     | 281,000            | 280,000     | 291,000            | 290,000     | 300,000            | 300,000     | 8  |
| 894,000            | 830,000     | 880,000            | 824,000     | 845,000            | 815,000     | 881,000            | 851,000     | 865,000            | 837,000     | 9  |
| 2,279,000          | 1,925,000   | 2,294,000          | 1,964,000   | 2,239,000          | 2,176,000   | 2,328,000          | 2,280,000   | 2,430,000          | 2,394,000   | 10 |
| 3,131,000          | 2,871,000   | 3,040,000          | 2,849,000   | 3,129,000          | 3,089,000   | 3,138,000          | 3,114,000   | 3,167,000          | 3,143,000   | 11 |
| 559,000            | 490,000     | 522,000            | 482,000     | 524,000            | 522,000     | 525,000            | 525,000     | 586,000            | 586,000     | 12 |
| 7,601,000          | 7,366,000   | 7,521,000          | 7,346,000   | 8,000,000          | 7,918,000   | 8,397,000          | 8,364,000   | 8,348,000          | 8,300,000   | 13 |
| 3,479,000          | 3,424,000   | 3,484,000          | 3,433,000   | 3,746,000          | 3,723,000   | 3,835,000          | 3,833,000   | 3,917,000          | 3,915,000   | 14 |
| 2,570,000          | 2,341,000   | 2,400,000          | 2,377,000   | 2,562,000          | 2,559,000   | 2,591,000          | 2,590,000   | 2,612,000          | 2,612,000   | 15 |
| 1,823,000          | 1,709,000   | 1,793,000          | 1,709,000   | 1,877,000          | 1,851,000   | 1,925,000          | 1,915,000   | 1,885,000          | 1,881,000   | 16 |
| 2,657,000          | 2,541,000   | 2,568,000          | 2,510,000   | 2,745,000          | 2,698,000   | 2,780,000          | 2,761,000   | 2,856,000          | 2,829,000   | 17 |
| 2,504,000          | 2,279,000   | 2,403,000          | 2,291,000   | 2,528,000          | 2,477,000   | 2,544,000          | 2,535,000   | 2,591,000          | 2,581,000   | 18 |
| 797,000            | 778,000     | 801,000            | 788,000     | 863,000            | 861,000     | 885,000            | 884,000     | 898,000            | 898,000     | 19 |
| 1,899,000          | 1,859,000   | 1,979,000          | 1,871,000   | 2,123,000          | 2,045,000   | 2,139,000          | 2,111,000   | 2,155,000          | 2,124,000   | 20 |
| 4,130,000          | 4,028,000   | 4,068,000          | 4,068,000   | 4,504,000          | 4,482,000   | 4,635,000          | 4,623,000   | 4,638,000          | 4,624,000   | 21 |
| 5,381,000          | 5,327,000   | 5,425,000          | 5,388,000   | 5,870,000          | 5,855,000   | 6,069,000          | 6,058,000   | 6,216,000          | 6,209,000   | 22 |
| 2,613,000          | 2,597,000   | 2,625,000          | 2,612,000   | 2,830,000          | 2,826,000   | 2,898,000          | 2,898,000   | 2,934,000          | 2,933,000   | 23 |
| 2,249,000          | 2,043,000   | 2,131,000          | 2,040,000   | 2,060,000          | 2,041,000   | 2,096,000          | 2,087,000   | 2,114,000          | 2,104,000   | 24 |
| 3,853,000          | 3,547,000   | 3,600,000          | 3,524,000   | 3,827,000          | 3,817,000   | 3,903,000          | 3,901,000   | 3,882,000          | 3,880,000   | 25 |
| 453,000            | 449,000     | 446,000            | 441,000     | 478,000            | 477,000     | 488,000            | 487,000     | 511,000            | 509,000     | 26 |
| 1,238,000          | 1,184,000   | 1,230,000          | 1,187,000   | 1,285,000          | 1,278,000   | 1,284,000          | 1,282,000   | 1,283,000          | 1,279,000   | 27 |
| 144,000            | 121,000     | 140,000            | 116,000     | 133,000            | 131,000     | 139,000            | 139,000     | 164,000            | 164,000     | 28 |
| 464,000            | 455,000     | 466,000            | 460,000     | 508,000            | 505,000     | 534,000            | 531,000     | 523,000            | 520,000     | 29 |
| 4,135,000          | 4,032,000   | 4,112,000          | 4,014,000   | 4,507,000          | 4,420,000   | 4,627,000          | 4,582,000   | 4,768,000          | 4,730,000   | 30 |
| 520,000            | 474,000     | 515,000            | 469,000     | 525,000            | 515,000     | 547,000            | 539,000     | 571,000            | 561,000     | 31 |
| 12,815,000         | 12,491,000  | 12,839,000         | 12,595,000  | 13,823,000         | 13,775,000  | 14,165,000         | 14,165,000  | 14,231,000         | 14,202,000  | 32 |
| 3,601,000          | 3,384,000   | 3,514,000          | 3,341,000   | 3,668,000          | 3,600,000   | 3,698,000          | 3,660,000   | 3,798,000          | 3,757,000   | 33 |
| 510,000            | 509,000     | 510,000            | 509,000     | 536,000            | 536,000     | 541,000            | 541,000     | 582,000            | 582,000     | 34 |
| 6,839,000          | 6,794,000   | 6,873,000          | 6,822,000   | 7,481,000          | 7,465,000   | 7,675,000          | 7,667,000   | 7,842,000          | 7,832,000   | 35 |
| 2,075,000          | 1,960,000   | 2,185,000          | 2,101,000   | 2,297,000          | 2,284,000   | 2,284,000          | 2,275,000   | 2,295,000          | 2,285,000   | 36 |
| 1,305,000          | 1,299,000   | 1,311,000          | 1,299,000   | 1,434,000          | 1,430,000   | 1,545,000          | 1,544,000   | 1,639,000          | 1,638,000   | 37 |
| 9,371,000          | 9,293,000   | 9,352,000          | 9,300,000   | 10,202,000         | 10,182,000  | 10,512,000         | 10,496,000  | 10,478,000         | 10,464,000  | 38 |
| 760,000            | 670,000     | 735,000            | 675,000     | 741,000            | 731,000     | 745,000            | 740,000     | 745,000            | 739,000     | 39 |
| 1,948,000          | 1,801,000   | 1,908,000          | 1,800,000   | 1,902,000          | 1,876,000   | 1,951,000          | 1,929,000   | 1,992,000          | 1,950,000   | 40 |
| 539,000            | 514,000     | 539,000            | 510,000     | 551,000            | 550,000     | 578,000            | 575,000     | 611,000            | 608,000     | 41 |
| 2,658,000          | 2,791,000   | 2,817,000          | 2,770,000   | 3,002,000          | 2,992,000   | 3,091,000          | 3,086,000   | 3,179,000          | 3,170,000   | 42 |
| 6,847,000          | 6,212,000   | 6,708,000          | 6,255,000   | 6,966,000          | 6,815,000   | 7,104,000          | 7,050,000   | 7,371,000          | 7,293,000   | 43 |
| 596,000            | 574,000     | 597,000            | 572,000     | 635,000            | 622,000     | 640,000            | 638,000     | 670,000            | 667,000     | 44 |
| 314,000            | 314,000     | 325,000            | 325,000     | 351,000            | 351,000     | 366,000            | 365,000     | 365,000            | 365,000     | 45 |
| 3,053,000          | 2,624,000   | 2,935,000          | 2,663,000   | 2,980,000          | 2,880,000   | 2,999,000          | 2,955,000   | 3,051,000          | 2,996,000   | 46 |
| 2,100,000          | 1,965,000   | 2,175,000          | 2,039,000   | 2,293,000          | 2,206,000   | 2,357,000          | 2,319,000   | 2,463,000          | 2,429,000   | 47 |
| 1,717,000          | 1,713,000   | 1,698,000          | 1,689,000   | 1,830,000          | 1,829,000   | 1,882,000          | 1,882,000   | 1,911,000          | 1,910,000   | 48 |
| 2,953,000          | 2,906,000   | 2,933,000          | 2,916,000   | 3,154,000          | 3,149,000   | 3,247,000          | 3,246,000   | 3,300,000          | 3,298,000   | 49 |
| 262,000            | 239,000     | 252,000            | 240,000     | 283,000            | 280,000     | 285,000            | 280,000     | 285,000            | 280,000     | 50 |

## VITAL STATISTICS OF THE UNITED STATES

TABLE XIV.—ESTIMATED POPULATION INCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX:  
UNITED STATES, JULY 1, 1948

| AGE                             | ALL RACES   |            |            | WHITE       |            |            | NONWHITE   |           |           |
|---------------------------------|-------------|------------|------------|-------------|------------|------------|------------|-----------|-----------|
|                                 | Both sexes  | Male       | Female     | Both sexes  | Male       | Female     | Both sexes | Male      | Female    |
| ALL AGES-----                   | 146,571,000 | 72,969,000 | 73,602,000 | 131,119,000 | 65,393,000 | 65,726,000 | 15,452,000 | 7,576,000 | 7,876,000 |
| Under 1 year <sup>1</sup> ----- | 3,235,000   | 1,654,000  | 1,581,000  | 2,861,000   | 1,466,000  | 1,395,000  | 374,000    | 188,000   | 186,000   |
| 1-4 years <sup>1</sup> -----    | 11,653,000  | 6,045,000  | 5,608,000  | 10,388,000  | 5,314,000  | 5,074,000  | 1,465,000  | 731,000   | 734,000   |
| 5-9 years-----                  | 12,895,000  | 6,578,000  | 6,316,000  | 11,191,000  | 5,722,000  | 5,469,000  | 1,704,000  | 856,000   | 848,000   |
| 10-14 years-----                | 10,881,000  | 5,527,000  | 5,353,000  | 9,439,000   | 4,806,000  | 4,633,000  | 1,442,000  | 721,000   | 720,000   |
| 15-19 years-----                | 10,980,000  | 5,859,000  | 5,422,000  | 9,634,000   | 4,889,000  | 4,745,000  | 1,347,000  | 670,000   | 677,000   |
| 20-24 years-----                | 12,012,000  | 5,997,000  | 6,016,000  | 10,647,000  | 5,325,000  | 5,324,000  | 1,365,000  | 674,000   | 691,000   |
| 25-29 years-----                | 12,004,000  | 5,885,000  | 6,121,000  | 10,717,000  | 5,269,000  | 5,449,000  | 1,287,000  | 615,000   | 673,000   |
| 30-34 years-----                | 11,243,000  | 5,457,000  | 5,785,000  | 10,064,000  | 4,913,000  | 5,151,000  | 1,179,000  | 545,000   | 635,000   |
| 35-39 years-----                | 10,670,000  | 5,234,000  | 5,436,000  | 9,594,000   | 4,727,000  | 4,867,000  | 1,077,000  | 507,000   | 569,000   |
| 40-44 years-----                | 9,787,000   | 4,828,000  | 4,941,000  | 8,616,000   | 4,372,000  | 4,444,000  | 951,000    | 454,000   | 496,000   |
| 45-49 years-----                | 8,939,000   | 4,428,000  | 4,511,000  | 8,057,000   | 4,006,000  | 4,051,000  | 882,000    | 422,000   | 460,000   |
| 50-54 years-----                | 8,077,000   | 4,026,000  | 4,052,000  | 7,391,000   | 3,686,000  | 3,705,000  | 686,000    | 340,000   | 347,000   |
| 55-59 years-----                | 7,222,000   | 3,619,000  | 3,603,000  | 6,677,000   | 3,345,000  | 3,331,000  | 545,000    | 273,000   | 272,000   |
| 60-64 years-----                | 5,852,000   | 2,932,000  | 2,920,000  | 5,448,000   | 2,722,000  | 2,726,000  | 403,000    | 209,000   | 194,000   |
| 65-69 years-----                | 4,347,000   | 2,133,000  | 2,214,000  | 4,059,000   | 1,982,000  | 2,077,000  | 288,000    | 151,000   | 137,000   |
| 70-74 years-----                | 3,145,000   | 1,497,000  | 1,648,000  | 2,945,000   | 1,395,000  | 1,550,000  | 200,000    | 101,000   | 99,000    |
| 75-79 years-----                | 2,013,000   | 933,000    | 1,081,000  | 1,886,000   | 870,000    | 1,016,000  | 128,000    | 63,000    | 65,000    |
| 80-84 years-----                | 990,000     | 451,000    | 540,000    | 917,000     | 417,000    | 500,000    | 74,000     | 34,000    | 40,000    |
| 85 years and over-----          | 446,000     | 191,000    | 255,000    | 391,000     | 169,000    | 222,000    | 55,000     | 22,000    | 33,000    |

<sup>1</sup>In order to maintain comparability with the 1940 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

NOTE.—For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables supplied by the Bureau of the Census. Because of the problems involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

TABLE XV.—ESTIMATED POPULATION EXCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX:  
UNITED STATES, JULY 1, 1948

| AGE                             | ALL RACES   |            |            | WHITE       |            |            | NONWHITE   |           |           |
|---------------------------------|-------------|------------|------------|-------------|------------|------------|------------|-----------|-----------|
|                                 | Both sexes  | Male       | Female     | Both sexes  | Male       | Female     | Both sexes | Male      | Female    |
| ALL AGES-----                   | 146,113,000 | 72,514,000 | 73,599,000 | 130,704,000 | 64,961,000 | 65,723,000 | 15,410,000 | 7,534,000 | 7,876,000 |
| Under 1 year <sup>1</sup> ----- | 3,235,000   | 1,654,000  | 1,581,000  | 2,861,000   | 1,466,000  | 1,395,000  | 374,000    | 188,000   | 186,000   |
| 1-4 years <sup>1</sup> -----    | 11,653,000  | 6,045,000  | 5,608,000  | 10,388,000  | 5,314,000  | 5,074,000  | 1,465,000  | 731,000   | 734,000   |
| 5-9 years-----                  | 12,895,000  | 6,578,000  | 6,316,000  | 11,191,000  | 5,722,000  | 5,469,000  | 1,704,000  | 856,000   | 848,000   |
| 10-14 years-----                | 10,881,000  | 5,527,000  | 5,353,000  | 9,439,000   | 4,806,000  | 4,633,000  | 1,442,000  | 721,000   | 720,000   |
| 15-19 years-----                | 10,869,000  | 5,447,000  | 5,422,000  | 9,532,000   | 4,787,000  | 4,745,000  | 1,337,000  | 660,000   | 677,000   |
| 20-24 years-----                | 11,852,000  | 5,857,000  | 6,015,000  | 10,501,000  | 5,177,000  | 5,324,000  | 1,351,000  | 659,000   | 691,000   |
| 25-29 years-----                | 11,919,000  | 5,799,000  | 6,120,000  | 10,639,000  | 5,192,000  | 5,447,000  | 1,279,000  | 607,000   | 673,000   |
| 30-34 years-----                | 11,189,000  | 5,405,000  | 5,785,000  | 10,015,000  | 4,865,000  | 5,150,000  | 1,174,000  | 539,000   | 635,000   |
| 35-39 years-----                | 10,643,000  | 5,208,000  | 5,435,000  | 9,569,000   | 4,703,000  | 4,866,000  | 1,074,000  | 505,000   | 569,000   |
| 40-44 years-----                | 9,755,000   | 4,814,000  | 4,941,000  | 8,805,000   | 4,362,000  | 4,443,000  | 950,000    | 465,000   | 498,000   |
| 45-49 years-----                | 8,934,000   | 4,423,000  | 4,511,000  | 8,052,000   | 4,002,000  | 4,051,000  | 882,000    | 422,000   | 460,000   |
| 50-54 years-----                | 8,075,000   | 4,024,000  | 4,052,000  | 7,389,000   | 3,684,000  | 3,705,000  | 686,000    | 339,000   | 347,000   |
| 55-59 years-----                | 7,221,000   | 3,618,000  | 3,603,000  | 6,676,000   | 3,345,000  | 3,331,000  | 545,000    | 273,000   | 272,000   |
| 60-64 years-----                | 5,852,000   | 2,932,000  | 2,920,000  | 5,448,000   | 2,722,000  | 2,726,000  | 403,000    | 209,000   | 194,000   |
| 65-69 years-----                | 4,347,000   | 2,133,000  | 2,214,000  | 4,059,000   | 1,982,000  | 2,077,000  | 288,000    | 151,000   | 137,000   |
| 70-74 years-----                | 3,145,000   | 1,497,000  | 1,648,000  | 2,945,000   | 1,395,000  | 1,550,000  | 200,000    | 101,000   | 99,000    |
| 75-79 years-----                | 2,013,000   | 933,000    | 1,081,000  | 1,886,000   | 870,000    | 1,016,000  | 128,000    | 63,000    | 65,000    |
| 80-84 years-----                | 990,000     | 451,000    | 540,000    | 917,000     | 417,000    | 500,000    | 74,000     | 34,000    | 40,000    |
| 85 years and over-----          | 446,000     | 191,000    | 255,000    | 391,000     | 169,000    | 222,000    | 55,000     | 22,000    | 33,000    |

<sup>1</sup>In order to maintain comparability with the 1940 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

NOTE.—For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables supplied by the Bureau of the Census. Because of the problems involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

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# GENERAL NATALITY AND MORTALITY TABLES

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(27)

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Births and deaths exclusive of stillbirths. Deaths exclusive of deaths among armed forces overseas. White and nonwhite are shown separately for those counties and urban places in which the 1940 populations for nonwhite races formed 10 percent or more of the total, or numbered 10,000 or more)

| AREA AND RACE          | Births    | Deaths    | AREA AND RACE          | Births | Deaths | AREA AND RACE          | Births | Deaths |
|------------------------|-----------|-----------|------------------------|--------|--------|------------------------|--------|--------|
| UNITED STATES-----     | 3,555,068 | 1,444,337 | ALABAMA—Continued      |        |        | ALABAMA—Continued      |        |        |
| White-----             | 3,090,316 | 1,270,569 | Fayette-----           | 627    | 151    | Montgomery—Continued   |        |        |
| Nonwhite--             | 454,752   | 173,748   | White-----             | 535    | 123    | Balance of county----- | 1,107  | 333    |
| ALABAMA-----           | 84,684    | 26,356    | Nonwhite--             | 92     | 28     | White-----             | 534    | 175    |
| White-----             | 53,279    | 15,292    | Franklin-----          | 815    | 194    | Nonwhite--             | 573    | 186    |
| Nonwhite--             | 31,405    | 11,064    | Geneva-----            | 601    | 153    | Morgan-----            | 1,315  | 393    |
| Autauga-----           | 444       | 122       | White-----             | 496    | 126    | White-----             | 1,136  | 301    |
| White-----             | 170       | 94        | Nonwhite--             | 105    | 27     | Nonwhite--             | 177    | 92     |
| Nonwhite--             | 274       | 88        | Greene-----            | 476    | 205    | Decatur-----           | 741    | 196    |
| Baldwin-----           | 924       | 316       | White-----             | 30     | 31     | White-----             | 657    | 134    |
| White-----             | 595       | 237       | Nonwhite--             | 449    | 174    | Nonwhite--             | 84     | 82     |
| Nonwhite--             | 329       | 79        | Hale-----              | 662    | 202    | Balance of county----- | 574    | 197    |
| Barbour-----           | 882       | 300       | White-----             | 84     | 42     | White-----             | 461    | 167    |
| White-----             | 356       | 113       | Nonwhite--             | 578    | 160    | Nonwhite--             | 93     | 30     |
| Nonwhite--             | 526       | 187       | Henry-----             | 456    | 132    | Ferry-----             | 572    | 184    |
| Bibb-----              | 373       | 140       | White-----             | 109    | 69     | White-----             | 95     | 40     |
| White-----             | 173       | 81        | Nonwhite--             | 547    | 65     | Nonwhite--             | 477    | 144    |
| Nonwhite--             | 200       | 59        | Houston-----           | 1,707  | 455    | Pickens-----           | 629    | 186    |
| Blount-----            | 667       | 167       | White-----             | 1,119  | 315    | White-----             | 249    | 67     |
| Bullock-----           | 430       | 153       | Nonwhite--             | 588    | 140    | Nonwhite--             | 380    | 119    |
| White-----             | 49        | 27        | Dothan-----            | 1,177  | 305    | Pike-----              | 1,005  | 313    |
| Nonwhite--             | 381       | 126       | White-----             | 969    | 219    | White-----             | 543    | 182    |
| Butler-----            | 963       | 295       | Nonwhite--             | 188    | 66     | Nonwhite--             | 462    | 151    |
| White-----             | 517       | 150       | Balance of county----- | 330    | 150    | Hamdolph-----          | 552    | 189    |
| Nonwhite--             | 466       | 145       | White-----             | 150    | 96     | White-----             | 376    | 126    |
| Calhoun-----           | 2,191     | 526       | Nonwhite--             | 200    | 54     | Nonwhite--             | 176    | 43     |
| White-----             | 1,743     | 411       | Jackson-----           | 1,039  | 252    | Russell-----           | 1,090  | 361    |
| Nonwhite--             | 448       | 115       | Jefferson-----         | 15,170 | 5,246  | White-----             | 447    | 164    |
| Anniston-----          | 1,542     | 315       | White-----             | 8,924  | 2,802  | Nonwhite--             | 643    | 217    |
| White-----             | 1,250     | 223       | Nonwhite--             | 6,246  | 2,444  | Phoenix City-----      | 603    | 213    |
| Nonwhite--             | 292       | 92        | Birmingham-----        | 10,638 | 3,368  | White-----             | 433    | 127    |
| Balance of county----- | 649       | 211       | White-----             | 6,646  | 1,872  | Nonwhite--             | 170    | 66     |
| White-----             | 493       | 169       | Nonwhite--             | 3,992  | 1,496  | Balance of county----- | 467    | 169    |
| Nonwhite--             | 156       | 23        | Bessemer-----          | 936    | 301    | White-----             | 14     | 37     |
| Chambers-----          | 769       | 324       | White-----             | 522    | 120    | Nonwhite--             | 473    | 131    |
| White-----             | 403       | 167       | Nonwhite--             | 414    | 181    | St. Clair-----         | 537    | 184    |
| Nonwhite--             | 366       | 137       | Balance of county----- | 1,720  | 365    | White-----             | 393    | 142    |
| Cherokee-----          | 304       | 112       | Lamar-----             | 762    | 154    | Nonwhite--             | 144    | 42     |
| Chilton-----           | 656       | 153       | White-----             | 958    | 211    | Shelby-----            | 530    | 201    |
| White-----             | 506       | 134       | Nonwhite--             | 882    | 556    | White-----             | 315    | 133    |
| Nonwhite--             | 130       | 19        | Lauderdale-----        | 327    | 90     | Nonwhite--             | 215    | 69     |
| Choctaw-----           | 562       | 156       | White-----             | 250    | 70     | Sumter-----            | 707    | 222    |
| White-----             | 214       | 49        | Nonwhite--             | 77     | 20     | White-----             | 96     | 34     |
| Nonwhite--             | 368       | 109       | Florence-----          | 1,478  | 364    | Nonwhite--             | 611    | 109    |
| Clarke-----            | 772       | 239       | White-----             | 1,256  | 282    | Talladega-----         | 1,995  | 506    |
| White-----             | 316       | 100       | Nonwhite--             | 220    | 82     | White-----             | 1,310  | 319    |
| Nonwhite--             | 454       | 139       | Balance of county----- | 1,150  | 237    | Nonwhite--             | 668    | 186    |
| Clay-----              | 307       | 116       | White-----             | 1,012  | 178    | Tallapoosa-----        | 1,082  | 305    |
| White-----             | 213       | 99        | Nonwhite--             | 138    | 59     | White-----             | 770    | 215    |
| Nonwhite--             | 94        | 16        | Lawrence-----          | 328    | 127    | Nonwhite--             | 312    | 92     |
| Cleburne-----          | 197       | 58        | White-----             | 246    | 104    | Tuscaloosa-----        | 2,359  | 990    |
| Coffee-----            | 852       | 178       | Nonwhite--             | 82     | 23     | White-----             | 1,626  | 653    |
| White-----             | 656       | 144       | Lee-----               | 859    | 162    | Nonwhite--             | 733    | 327    |
| Nonwhite--             | 196       | 34        | Nonwhite--             | 632    | 121    | Tuscaloosa-----        | 1,877  | 545    |
| Colbert-----           | 1,158     | 320       | White-----             | 227    | 41     | White-----             | 1,502  | 362    |
| White-----             | 860       | 202       | Nonwhite--             | 41     | 12     | Nonwhite--             | 378    | 183    |
| Nonwhite--             | 278       | 118       | Limestone-----         | 1,106  | 282    | Balance of county----- | 462    | 231    |
| Conecuh-----           | 604       | 173       | White-----             | 600    | 112    | White-----             | 124    | 495    |
| White-----             | 272       | 76        | Nonwhite--             | 506    | 170    | Nonwhite--             | 358    | 144    |
| Nonwhite--             | 332       | 97        | Balance of county----- | 1,096  | 277    | Walker-----            | 1,763  | 465    |
| Cook-----              | 200       | 91        | White-----             | 819    | 190    | White-----             | 1,591  | 396    |
| White-----             | 75        | 49        | Nonwhite--             | 277    | 67     | Nonwhite--             | 172    | 69     |
| Nonwhite--             | 125       | 42        | Lowndes-----           | 557    | 159    | Washington-----        | 374    | 92     |
| Covington-----         | 1,104     | 342       | White-----             | 10     | 25     | White-----             | 216    | 50     |
| White-----             | 929       | 275       | Nonwhite--             | 547    | 134    | Nonwhite--             | 158    | 42     |
| Nonwhite--             | 175       | 67        | Macon-----             | 946    | 571    | Wilcox-----            | 729    | 218    |
| Crenshaw-----          | 432       | 166       | White-----             | 35     | 39     | White-----             | 57     | 26     |
| White-----             | 231       | 107       | Nonwhite--             | 911    | 532    | Nonwhite--             | 672    | 192    |
| Nonwhite--             | 201       | 59        | Madison-----           | 2,060  | 654    | Winston-----           | 531    | 131    |
| Cullman-----           | 1,418     | 295       | White-----             | 1,393  | 430    | ARIZONA-----           | 19,816 | 7,122  |
| Dale-----              | 452       | 140       | Nonwhite--             | 667    | 224    | White-----             | 17,515 | 6,049  |
| White-----             | 164       | 31        | Huntsville-----        | 1,198  | 321    | Nonwhite--             | 2,301  | 1,073  |
| Nonwhite--             | 194       | 785       | White-----             | 976    | 211    | Apeche-----            | 549    | 307    |
| Dallas-----            | 675       | 221       | Nonwhite--             | 222    | 110    | White-----             | 194    | 45     |
| White-----             | 1,271     | 584       | Balance of county----- | 862    | 333    | Nonwhite--             | 355    | 262    |
| Nonwhite--             | 1,147     | 484       | White-----             | 417    | 219    | Cochise-----           | 937    | 373    |
| Selma-----             | 663       | 193       | Nonwhite--             | 445    | 114    | Nonwhite--             | 592    | 233    |
| White-----             | 484       | 291       | Marengo-----           | 767    | 307    | White-----             | 392    | 141    |
| Nonwhite--             | 799       | 301       | White-----             | 117    | 66     | Nonwhite--             | 190    | 92     |
| Balance of county----- | 12        | 29        | Nonwhite--             | 650    | 241    | Gila-----              | 721    | 232    |
| White-----             | 787       | 273       | Marion-----            | 563    | 113    | White-----             | 617    | 198    |
| Nonwhite--             | 1,093     | 253       | Marshall-----          | 1,673  | 333    | Nonwhite--             | 104    | 44     |
| De Kalb-----           | 602       | 180       | Mobile-----            | 7,258  | 2,236  | Graham-----            | 394    | 99     |
| White-----             | 223       | 125       | White-----             | 4,637  | 1,254  | Greenlee-----          | 421    | 82     |
| Nonwhite--             | 379       | 135       | Nonwhite--             | 2,621  | 982    | Maricopa-----          | 6,619  | 2,976  |
| Escambia-----          | 1,024     | 280       | Balance of county----- | 6,135  | 1,590  | Phoenix-----           | 6,406  | 1,617  |
| White-----             | 701       | 169       | White-----             | 4,206  | 969    | Balance of county----- | 2,213  | 1,369  |
| Nonwhite--             | 323       | 91        | Nonwhite--             | 1,929  | 621    | Mohave-----            | 270    | 97     |
| Stovall-----           | 2,787     | 741       | Monroe-----            | 1,123  | 646    | Navajo-----            | 652    | 196    |
| White-----             | 2,348     | 599       | White-----             | 431    | 295    | White-----             | 395    | 96     |
| Nonwhite--             | 439       | 142       | Nonwhite--             | 692    | 361    | Nonwhite--             | 267    | 90     |
| Gadsden-----           | 2,225     | 506       | Montgomery-----        | 744    | 175    | Pima-----              | 3,640  | 1,396  |
| White-----             | 1,934     | 405       | White-----             | 241    | 72     | White-----             | 3,526  | 1,250  |
| Nonwhite--             | 321       | 101       | Nonwhite--             | 503    | 103    | Nonwhite--             | 314    | 146    |
| Balance of county----- | 562       | 236       | Montgomery-----        | 3,994  | 1,431  | Tucson-----            | 455    | 519    |
|                        |           |           | White-----             | 2,244  | 699    | Balance of county----- | 3,385  | 877    |
|                        |           |           | Nonwhite--             | 1,750  | 732    | White-----             | 3,132  | 762    |
|                        |           |           | Montgomery-----        | 2,887  | 1,098  | Nonwhite--             | 253    | 115    |
|                        |           |           | White-----             | 1,710  | 524    |                        |        |        |
|                        |           |           | Nonwhite--             | 1,177  | 574    |                        |        |        |

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See footnote on p. 28)

| AREA AND RACE     | Births | Deaths | AREA AND RACE          | Births | Deaths | AREA AND RACE      | Births | Deaths |
|-------------------|--------|--------|------------------------|--------|--------|--------------------|--------|--------|
| ARIZONA—Continued |        |        | ARKANSAS—Continued     |        |        | ARKANSAS—Continued |        |        |
| Pinal             | 1,229  | 434    | Jefferson              | 1,915  | 630    | Sevier             | 377    | 118    |
| White             | 978    | 328    | White                  | 954    | 296    | White              | 347    | 110    |
| Nonwhite          | 251    | 106    | Nonwhite               | 979    | 334    | Nonwhite           | 30     | 8      |
| Santa Cruz        | 268    | 90     | Pine Bluff             | 1,166  | 386    | Sharp              | 121    | 28     |
| Yavapai           | 599    | 380    | White                  | 935    | 228    | Stane              | 60     | 38     |
| Yuma              | 745    | 235    | Nonwhite               | 331    | 158    | Union              | 1,193  | 324    |
| White             | 646    | 204    | Balance of county      | 747    | 244    | White              | 831    | 193    |
| Nonwhite          | 99     | 31     | White                  | 99     | 66     | Nonwhite           | 362    | 131    |
| ARKANSAS          | 48,136 | 14,954 | Nonwhite               | 649    | 176    | El Dorado          | 916    | 173    |
| White             | 36,315 | 10,638 | Johnson                | 327    | 103    | White              | 748    | 119    |
| Nonwhite          | 11,821 | 4,316  | Lafayette              | 200    | 73     | Nonwhite           | 168    | 54     |
| Arkansas          | 599    | 115    | White                  | 22     | 34     | Balance of county  | 277    | 151    |
| White             | 437    | 88     | Nonwhite               | 178    | 39     | White              | 83     | 74     |
| Nonwhite          | 162    | 27     | Lawrence               | 540    | 111    | Nonwhite           | 194    | 77     |
| Ashley            | 604    | 161    | Lee                    | 484    | 156    | Van Buren          | 153    | 54     |
| White             | 317    | 87     | White                  | 145    | 46     | Washington         | 1,299  | 450    |
| Nonwhite          | 287    | 94     | Nonwhite               | 339    | 110    | White              | 1,030  | 285    |
| Baxter            | 548    | 73     | Lincoln                | 287    | 126    | Woodruff           | 449    | 107    |
| Benton            | 823    | 544    | White                  | 87     | 52     | White              | 224    | 54     |
| Boone             | 553    | 125    | Nonwhite               | 200    | 74     | Nonwhite           | 225    | 53     |
| Bradley           | 516    | 133    | Little River           | 266    | 86     | Yell               | 218    | 67     |
| White             | 516    | 85     | White                  | 158    | 39     |                    |        |        |
| Nonwhite          | 200    | 48     | Nonwhite               | 108    | 27     |                    |        |        |
| Calhoun           | 103    | 46     | Logan                  | 554    | 264    |                    |        |        |
| White             | 42     | 21     | Loneka                 | 502    | 157    |                    |        |        |
| Nonwhite          | 61     | 25     | White                  | 291    | 97     |                    |        |        |
| Carroll           | 286    | 110    | Nonwhite               | 211    | 60     |                    |        |        |
| Chicot            | 751    | 250    | Madison                | 150    | 63     |                    |        |        |
| White             | 480    | 93     | Marion                 | 61     | 55     |                    |        |        |
| Nonwhite          | 281    | 157    | Miller                 | 1,191  | 337    |                    |        |        |
| Clark             | 502    | 143    | White                  | 903    | 227    |                    |        |        |
| White             | 330    | 99     | Nonwhite               | 288    | 110    |                    |        |        |
| Nonwhite          | 172    | 44     | Texarkana <sup>1</sup> | 974    | 244    |                    |        |        |
| Clay              | 518    | 163    | White                  | 824    | 172    |                    |        |        |
| Cleburne          | 315    | 84     | Nonwhite               | 150    | 72     |                    |        |        |
| Cleveland         | 108    | 41     | Balance of county      | 217    | 93     |                    |        |        |
| White             | 43     | 25     | White                  | 79     | 55     |                    |        |        |
| Nonwhite          | 65     | 16     | Nonwhite               | 138    | 38     |                    |        |        |
| Columbia          | 672    | 154    | Mississippi            | 2,842  | 503    |                    |        |        |
| White             | 413    | 82     | White                  | 2,111  | 337    |                    |        |        |
| Nonwhite          | 259    | 72     | Nonwhite               | 731    | 166    |                    |        |        |
| Conway            | 595    | 170    | Blytheville            | 831    | 166    |                    |        |        |
| White             | 393    | 127    | White                  | 708    | 119    |                    |        |        |
| Nonwhite          | 132    | 43     | Nonwhite               | 123    | 47     |                    |        |        |
| Craighead         | 1,585  | 373    | Balance of county      | 2,011  | 337    |                    |        |        |
| Jonesboro         | 1,126  | 230    | White                  | 1,403  | 218    |                    |        |        |
| White             | 1,085  | 215    | Nonwhite               | 608    | 119    |                    |        |        |
| Nonwhite          | 41     | 17     | Monroe                 | 414    | 132    |                    |        |        |
| Balance of county | 459    | 143    | White                  | 198    | 49     |                    |        |        |
| Crawford          | 341    | 130    | Nonwhite               | 216    | 83     |                    |        |        |
| Crittenden        | 1,159  | 346    | Montgomery             | 78     | 30     |                    |        |        |
| White             | 216    | 65     | Nonwhite               | 359    | 103    |                    |        |        |
| Nonwhite          | 943    | 281    | Nevada                 | 212    | 63     |                    |        |        |
| Cross             | 776    | 137    | White                  | 147    | 40     |                    |        |        |
| White             | 521    | 63     | Nonwhite               | 74     | 27     |                    |        |        |
| Nonwhite          | 255    | 74     | Newton                 | 861    | 246    |                    |        |        |
| Dallas            | 329    | 70     | Ouachita               | 509    | 127    |                    |        |        |
| White             | 175    | 43     | White                  | 353    | 119    |                    |        |        |
| Nonwhite          | 154    | 27     | Nonwhite               | 107    | 24     |                    |        |        |
| Deaha             | 517    | 140    | Perry                  | 1,414  | 465    |                    |        |        |
| White             | 243    | 50     | Phillips               | 563    | 139    |                    |        |        |
| Nonwhite          | 274    | 90     | White                  | 851    | 326    |                    |        |        |
| Drew              | 451    | 138    | Nonwhite               | 82     | 37     |                    |        |        |
| White             | 311    | 79     | Pike                   | 945    | 153    |                    |        |        |
| Nonwhite          | 140    | 59     | Poinsett               | 835    | 115    |                    |        |        |
| Faulkner          | 574    | 151    | White                  | 110    | 38     |                    |        |        |
| White             | 479    | 131    | Nonwhite               | 341    | 115    |                    |        |        |
| Nonwhite          | 95     | 20     | Folk                   | 628    | 154    |                    |        |        |
| Franklin          | 269    | 63     | Fope                   | 175    | 63     |                    |        |        |
| Fulton            | 173    | 45     | Prairie                | 136    | 48     |                    |        |        |
| Gerland           | 1,293  | 615    | White                  | 39     | 15     |                    |        |        |
| White             | 1,161  | 526    | Nonwhite               | 5,423  | 2,436  |                    |        |        |
| Nonwhite          | 112    | 89     | Pulaski                | 4,046  | 1,613  |                    |        |        |
| Hot Springs       | 1,231  | 532    | White                  | 1,377  | 823    |                    |        |        |
| White             | 1,127  | 464    | Nonwhite               | 4,973  | 1,929  |                    |        |        |
| Nonwhite          | 104    | 68     | White                  | 5,825  | 1,296  |                    |        |        |
| Balance of county | 62     | 63     | Nonwhite               | 1,148  | 633    |                    |        |        |
| Grant             | 146    | 53     | White                  | 105    | 153    |                    |        |        |
| Greene            | 812    | 224    | Nonwhite               | 28     | 86     |                    |        |        |
| Hempstead         | 621    | 195    | Balance of county      | 77     | 67     |                    |        |        |
| White             | 327    | 100    | White                  | 345    | 354    |                    |        |        |
| Nonwhite          | 294    | 95     | Nonwhite               | 193    | 231    |                    |        |        |
| Hot Spring        | 506    | 117    | Randolph               | 152    | 123    |                    |        |        |
| White             | 426    | 102    | St. Francis            | 308    | 93     |                    |        |        |
| Nonwhite          | 80     | 15     | White                  | 1,053  | 273    |                    |        |        |
| Howard            | 365    | 113    | Nonwhite               | 464    | 83     |                    |        |        |
| White             | 298    | 88     | Saline                 | 589    | 190    |                    |        |        |
| Nonwhite          | 67     | 25     | Scott                  | 278    | 282    |                    |        |        |
| Independence      | 780    | 176    | Searcy                 | 187    | 49     |                    |        |        |
| Izard             | 114    | 44     | Sebastian              | 189    | 49     |                    |        |        |
| Jackson           | 886    | 217    | Fort Smith             | 2,103  | 629    |                    |        |        |
| White             | 782    | 179    | White                  | 2,016  | 531    |                    |        |        |
| Nonwhite          | 104    | 38     | Nonwhite               | 1,900  | 479    |                    |        |        |
|                   |        |        | Balance of county      | 116    | 52     |                    |        |        |
|                   |        |        |                        | 87     | 98     |                    |        |        |

<sup>1</sup>Includes data for Texarkana, Ark., only.

<sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 26)

| AREA AND RACE                   | Births | Deaths | AREA AND RACE            | Births | Deaths | AREA AND RACE         | Births | Deaths  |
|---------------------------------|--------|--------|--------------------------|--------|--------|-----------------------|--------|---------|
| CALIFORNIA—Continued            |        |        | CALIFORNIA—Continued     |        |        | CONNECTICUT—Continued |        |         |
| Los Angeles—Continued           |        |        | Yuba                     | 965    | 290    | Hartford              | 11,808 | 4,904   |
| Redondo Beach                   | 15     | 104    |                          |        |        | Hartford              | 8,297  | 2,239   |
| San Gabriel                     | 841    | 174    | COLORADO                 |        |        | Bristol               | 721    | 286     |
| South Pasadena                  | -      | 151    |                          | 33,568 | 12,824 | New Britain           | 1,847  | 636     |
| Whittier                        | 1,287  | 271    |                          |        |        | West Hartford (town)  | 4      | 264     |
| Balance of county               | 16,060 | 8,086  |                          |        |        | East Hartford (town)  | -      | 134     |
| White                           | 15,609 | 7,845  |                          |        |        | Balance of county     | 939    | 1,343   |
| Nonwhite                        | 451    | 241    | Adams                    | 1,126  | 345    | Litchfield            | 1,514  | 649     |
| Madera                          | 1,000  | 341    | Alamosa                  | 522    | 112    | Torrington            | 825    | 258     |
| Marin                           | 1,773  | 661    | Arapahoe                 | 20     | 219    | Balance of county     | 689    | 590     |
| Mariposa                        | 34     | 60     | Archuleta                | 57     | 18     | Middlesex             | 1,128  | 895     |
| Mendocino                       | 830    | 510    | Baca                     | 126    | 38     | Middletown            | 1,118  | 645     |
| Merced                          | 1,996  | 508    | Bent                     | 121    | 72     | Balance of county     | 10     | 250     |
| Merced                          | 1,278  | 308    | Boulder                  | 1,227  | 410    | New Haven             | 12,014 | 5,367   |
| Balance of county               | 708    | 199    | Boulder                  | 599    | 224    | New Haven             | 5,836  | 2,232   |
| Modoc                           | 134    | 90     | Balance of county        | 628    | 186    | Meriden               | 1,164  | 444     |
| Mono                            | 7      | 19     | Chaffee                  | 184    | 110    | Waterbury             | 3,541  | 1,170   |
|                                 |        |        | Cheyenne                 | 84     | 22     | West Haven (town)     | 9      | 220     |
|                                 |        |        | Clear Creek              | 6      | 20     | Ansonia               | 2      | 112     |
|                                 |        |        | Comjos                   | 34     | 56     | Derby                 | 1,007  | 203     |
| Monterey                        | 3,143  | 879    | Costilla                 | 116    | 27     | Naugatuck             | 1      | 82      |
| Monterey                        | 293    | 98     | Crowley                  | 74     | 19     | Wallingford           | -      | 105     |
| Salinas                         | 1,112  | 159    | Custer                   | 1      | 8      | Balance of county     | 454    | 799     |
| White                           | 1,018  | 132    | Delta                    | 428    | 186    | New London            | 3,064  | 1,647   |
| Nonwhite                        | 94     | 7      | Denver, coextensive with |        |        | New London            | 1,797  | 474     |
| Balance of county               | 1,738  | 642    | Denver (city)            | 13,748 | 4,786  | Norwich               | 598    | 285     |
| Napa                            | 762    | 915    | Delores                  | -      | 7      | Balance of county     | 669    | 888     |
| Nevada                          | 404    | 257    | Douglas                  | 3      | 20     | Tolland               | 411    | 324     |
| Orange                          | 4,190  | 1,816  | Eagle                    | 60     | 25     | Windham               | 1,307  | 624     |
| Santa Ana                       | 1,023  | 386    | Elbert                   | 7      | 12     | Williamantic          | 550    | 180     |
| Anaheim                         | 111    | 127    | El Paso                  | 1,831  | 825    | Balance of county     | 757    | 444     |
| Fullerton                       | 1,026  | 180    | Colorado Springs         | 1,569  | 682    | DELAWARE              |        |         |
| Balance of county               | 2,030  | 1,223  | Balance of county        | 262    | 143    |                       | 7,413  | 3,466   |
| Placer                          | 459    | 551    | Freemont                 | 345    | 245    |                       |        |         |
| Plumas                          | 280    | 123    | Garfield                 | 335    | 133    | White                 | 6,265  | 2,837   |
| Riverdale                       | 3,865  | 1,638  | Gilpin                   | 1      | 7      | Nonwhite              | 1,148  | 629     |
| Riverside                       | 1,846  | 755    | Grand                    | 82     | 36     |                       |        |         |
| Balance of county               | 2,019  | 883    | Gunnison                 | 142    | 41     | Kent                  |        | 695 573 |
| Sacramento                      | 7,502  | 2,578  | Hinsdale                 | -      | 1      | White                 | 537    | 419     |
| Sacramento                      | 6,933  | 2,100  | Huerfano                 | 248    | 101    | Nonwhite              | 158    | 154     |
| Balance of county               | 569    | 478    | Jackson                  | 3      | 6      | New Castle            | 5,237  | 2,218   |
| White                           | 548    | 457    | Jefferson                | 29     | 297    | White                 | 4,558  | 1,887   |
| Nonwhite                        | 21     | 21     | Kiowa                    | 74     | 18     | Nonwhite              | 679    | 331     |
| San Benito                      | 310    | 152    | Kit Carson               | 211    | 46     | Wilmington            | 5,155  | 1,603   |
| San Bernardino                  | 6,441  | 2,835  | Lake                     | 193    | 80     | White                 | 4,522  | 1,377   |
| San Bernardino                  | 3,108  | 1,071  | La Plata                 | 522    | 172    | Nonwhite              | 633    | 226     |
| Ontario                         | 2      | 91     | Larimer                  | 1,005  | 369    | Balance of county     | 82     | 615     |
| Redlands                        | 550    | 202    | Fort Collins             | 918    | 225    | Sussex                | 1,481  | 675     |
| Balance of county               | 2,781  | 1,471  | Balance of county        | 87     | 144    | White                 | 1,170  | 531     |
| San Diego                       | 13,456 | 4,435  | Las Animas               | 669    | 258    | Nonwhite              | 311    | 144     |
| San Diego                       | 9,714  | 3,075  | Trinidad                 | 583    | 198    | DISTRICT OF COLUMBIA  |        |         |
| National City                   | 727    | 221    | Balance of county        | 86     | 60     |                       | 27,479 | 8,386   |
| Balance of county               | 3,015  | 1,139  | Lincoln                  | 60     | 27     |                       |        |         |
| San Francisco, coextensive with |        |        | Logan                    | 521    | 127    | White                 | 18,601 | 5,369   |
| San Francisco (city)            | 19,229 | 9,890  | Mesa                     | 984    | 379    | Nonwhite              | 8,878  | 3,019   |
| White                           | 16,288 | 9,297  | Grand Junction           | 812    | 228    | FLORIDA               |        |         |
| Nonwhite                        | 2,941  | 593    | Balance of county        | 172    | 151    |                       | 60,758 | 25,881  |
| San Joaquin                     | 4,967  | 2,182  | Mineral                  | -      | 9      |                       |        |         |
| Stockton                        | 2,711  | 576    | Moffat                   | 37     | 37     | Alachua               | 44,593 | 19,045  |
| Lodi                            | 598    | 143    | Montezuma                | 301    | 77     | Nonwhite              | 16,365 | 6,836   |
| Balance of county               | 1,658  | 1,463  | Montrose                 | 325    | 118    |                       |        |         |
| White                           | 1,399  | 1,323  | Morgan                   | 471    | 183    | White                 | 1,531  | 459     |
| Nonwhite                        | 259    | 140    | Otero                    | 948    | 259    | Nonwhite              | 1,027  | 252     |
| San Luis Obispo                 | 965    | 491    | Curay                    | 43     | 25     | Gainesville           | 504    | 207     |
| San Mateo                       | 2,313  | 1,386  | Eark                     | 14     | 11     | Balance of county     | 1,130  | 260     |
| Burlingame                      | -      | 71     | Phillips                 | 121    | 29     | White                 | 934    | 172     |
| Redwood City                    | 4      | 83     | Fitkin                   | 26     | 21     | Nonwhite              | 196    | 88      |
| San Mateo                       | 2,204  | 563    | Provers                  | 590    | 147    | Balance of county     | 401    | 199     |
| Balance of county               | 105    | 689    | Fueblo                   | 2,386  | 1,240  | White                 | 93     | 80      |
| Santa Barbara                   | 2,390  | 894    | Balance of county        | 1,366  | 941    | Nonwhite              | 308    | 119     |
| Santa Barbara                   | 1,361  | 428    | Rio Blanco               | 1,020  | 299    | Baker                 | 128    | 29      |
| Balance of county               | 1,029  | 466    | Rio Grande               | 103    | 24     | White                 | 79     | 19      |
| Santa Clara                     | 7,709  | 3,005  | Routt                    | 547    | 162    | Nonwhite              | 49     | 10      |
| San Jose                        | 2,455  | 737    | Saguache                 | 323    | 79     | Bay                   | 1,150  | 275     |
| Palo Alto                       | 2,391  | 380    | San Juan                 | 26     | 28     | White                 | 975    | 218     |
| Balance of county               | 2,863  | 1,889  | San Miguel               | 10     | 9      | Nonwhite              | 175    | 57      |
| Santa Cruz                      | 1,400  | 881    | Sedgwick                 | 61     | 21     | Panama City           | 808    | 199     |
| Santa Cruz                      | 681    | 391    | Summit                   | 1      | 8      | White                 | 657    | 146     |
| Balance of county               | 719    | 490    | Teller                   | 39     | 34     | Nonwhite              | 151    | 53      |
| Shasta                          | 851    | 336    | Washington               | 115    | 34     | Balance of county     | 342    | 76      |
| Sierra                          | 1      | 14     | Weld                     | 1,517  | 475    | White                 | 318    | 72      |
| Siskiyou                        | 644    | 294    | Greeley                  | 1,214  | 296    | Nonwhite              | 24     | 4       |
| Selma                           | 2,699  | 673    | Balance of county        | 303    | 179    | Bradford              | 368    | 103     |
| Vallejo                         | 1,844  | 290    | Yuma                     | 217    | 79     | White                 | 281    | 74      |
| Balance of county               | 945    | 363    | CONNECTICUT              |        |        | Nonwhite              | 87     | 29      |
| Sonoma                          | 2,000  | 1,244  |                          | 41,199 | 19,419 | Brevard               | 419    | 209     |
| Santa Rosa                      | 563    | 191    |                          |        |        | White                 | 233    | 157     |
| Balance of county               | 1,437  | 1,053  |                          |        |        | Nonwhite              | 186    | 52      |
| Stanislaus                      | 3,402  | 1,132  | Fairfield                | 9,953  | 4,810  | Broward               | 1,579  | 702     |
| Modesto                         | 2,224  | 542    | Bridgeport               | 5,095  | 1,864  | White                 | 951    | 503     |
| Balance of county               | 1,178  | 590    | Norwalk                  | 1,440  | 568    | Nonwhite              | 628    | 199     |
| Sutter                          | 303    | 173    | Stamford                 | 1,838  | 711    | Fort Lauderdale       | 1,085  | 440     |
| Tehama                          | 450    | 251    | Danbury                  | 866    | 403    | White                 | 798    | 320     |
| Trinity                         | 45     | 58     | Shelton                  | 3      | 87     | Nonwhite              | 287    | 120     |
| Tulare                          | 3,782  | 997    | Stratford (town)         | 8      | 126    | Balance of county     | 494    | 262     |
| Tuolumne                        | 320    | 170    | Balance of county        | 608    | 1,051  | White                 | 153    | 183     |
| Ventura                         | 2,774  | 1,110  |                          |        |        | Nonwhite              | 341    | 79      |
| San Buenaventura                | 594    | 126    |                          |        |        | Calhoun               | 172    | 52      |
| Balance of county               | 2,180  | 984    |                          |        |        | White                 | 148    | 38      |
| Yolo                            | 812    | 410    |                          |        |        | Nonwhite              | 24     | 14      |

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE     | Births | Deaths | AREA AND RACE     | Births | Deaths | AREA AND RACE     | Births | Deaths |
|-------------------|--------|--------|-------------------|--------|--------|-------------------|--------|--------|
| FLORIDA—Continued |        |        | FLORIDA—Continued |        |        | FLORIDA—Continued |        |        |
| Charlotte         | 35     | 73     | Lafayette         | 56     | 22     | Putnam            | 565    | 238    |
| White             | 25     | 62     | Lake              | 803    | 384    | White             | 317    | 144    |
| Nonwhite          | 10     | 11     | White             | 570    | 296    | Nonwhite          | 248    | 94     |
| Citrus            | 83     | 43     | Nonwhite          | 233    | 88     | St. Johns         | 605    | 315    |
| White             | 43     | 28     | Lee               | 567    | 243    | White             | 397    | 190    |
| Nonwhite          | 40     | 15     | White             | 450    | 194    | Nonwhite          | 208    | 125    |
| Clay              | 87     | 90     | Nonwhite          | 117    | 49     | St. Augustine     | 542    | 263    |
| White             | 51     | 71     | Fort Myers        | 547    | 190    | White             | 306    | 166    |
| Nonwhite          | 46     | 19     | White             | 441    | 153    | Nonwhite          | 146    | 98     |
| Collier           | 30     | 30     | Nonwhite          | 106    | 45     | Balance of county | 63     | 52     |
| White             | 10     | 21     | Balance of county | 20     | 45     | White             | 1      | 25     |
| Nonwhite          | 20     | 9      | White             | 9      | 41     | Nonwhite          | 62     | 27     |
| Columbia          | 677    | 347    | Nonwhite          | 11     | 4      | St. Lucie         | 547    | 169    |
| White             | 486    | 215    | Leon              | 1,185  | 513    | White             | 327    | 107    |
| Nonwhite          | 191    | 132    | White             | 650    | 156    | Nonwhite          | 220    | 62     |
| Dade              | 9,013  | 4,078  | Nonwhite          | 515    | 157    | Santa Rosa        | 246    | 94     |
| White             | 7,214  | 3,483  | Tallahassee       | 273    | 130    | White             | 201    | 74     |
| Nonwhite          | 1,799  | 595    | White             | 87     | 65     | Nonwhite          | 45     | 20     |
| Miami             | 5,836  | 2,363  | Nonwhite          | 206    | 65     | Sarasota          | 475    | 285    |
| White             | 4,666  | 1,985  | Balance of county | 892    | 183    | White             | 365    | 237    |
| Nonwhite          | 1,170  | 378    | White             | 583    | 91     | Nonwhite          | 110    | 58     |
| Miami Beach       | 748    | 544    | Nonwhite          | 309    | 92     | Sarasota          | 464    | 248    |
| Balance of county | 2,429  | 1,171  | Levy              | 176    | 112    | White             | 361    | 197    |
| White             | 1,802  | 956    | White             | 82     | 52     | Nonwhite          | 103    | 51     |
| Nonwhite          | 627    | 215    | Nonwhite          | 94     | 60     | Balance of county | 11     | 47     |
| De Soto           | 229    | 93     | Liberty           | 53     | 26     | White             | 4      | 40     |
| White             | 172    | 65     | White             | 20     | 13     | Nonwhite          | 7      | 7      |
| Nonwhite          | 57     | 28     | Nonwhite          | 13     | 13     | Seminole          | 643    | 233    |
| Dirie             | 108    | 21     | Madison           | 415    | 144    | White             | 284    | 123    |
| White             | 91     | 14     | White             | 173    | 89     | Nonwhite          | 359    | 110    |
| Nonwhite          | 17     | 7      | Nonwhite          | 242    | 75     | Sanford           | 527    | 158    |
| Duval             | 8,062  | 2,750  | Manatee           | 711    | 316    | White             | 266    | 84     |
| White             | 5,819  | 1,710  | White             | 441    | 247    | Nonwhite          | 261    | 74     |
| Nonwhite          | 2,243  | 1,040  | Nonwhite          | 270    | 69     | Balance of county | 116    | 75     |
| Jacksonville      | 7,088  | 2,381  | Marion            | 948    | 411    | White             | 18     | 39     |
| White             | 4,979  | 1,414  | White             | 554    | 197    | Nonwhite          | 98     | 36     |
| Nonwhite          | 2,109  | 967    | Nonwhite          | 394    | 214    | Sumter            | 179    | 77     |
| Balance of county | 974    | 369    | Martin            | 150    | 86     | White             | 77     | 49     |
| White             | 840    | 296    | White             | 90     | 63     | Nonwhite          | 102    | 28     |
| Nonwhite          | 134    | 73     | Nonwhite          | 60     | 23     | Suwannee          | 369    | 180    |
| Escambia          | 3,425  | 928    | Monroe            | 736    | 248    | White             | 237    | 110    |
| White             | 2,715  | 616    | White             | 634    | 205    | Nonwhite          | 132    | 70     |
| Nonwhite          | 710    | 310    | Nonwhite          | 102    | 43     | Taylor            | 210    | 90     |
| Pensacola         | 2,309  | 587    | Key West          | 736    | 230    | White             | 134    | 52     |
| White             | 1,775  | 361    | White             | 634    | 191    | Nonwhite          | 76     | 38     |
| Nonwhite          | 534    | 226    | Nonwhite          | 102    | 39     | Union             | 59     | 53     |
| Balance of county | 1,116  | 339    | Balance of county | -      | 18     | White             | 26     | 25     |
| White             | 940    | 255    | White             | -      | 14     | Nonwhite          | 33     | 28     |
| Nonwhite          | 176    | 84     | Nonwhite          | -      | 4      | Volusia           | 1,486  | 877    |
| Flagler           | 48     | 25     | Nassau            | 116    | 116    | White             | 1,078  | 663    |
| White             | 2      | 11     | White             | 175    | 64     | Nonwhite          | 408    | 214    |
| Nonwhite          | 46     | 14     | Nonwhite          | 119    | 52     | Daytona Beach     | 881    | 492    |
| Franklin          | 113    | 44     | Okaloosa          | 869    | 152    | White             | 699    | 377    |
| White             | 79     | 27     | Okeechobee        | 25     | 17     | Nonwhite          | 182    | 115    |
| Nonwhite          | 34     | 17     | White             | 15     | 8      | Balance of county | 605    | 385    |
| Gadsden           | 958    | 679    | Nonwhite          | 10     | 9      | White             | 379    | 286    |
| White             | 377    | 351    | Orange            | 2,505  | 1,132  | Nonwhite          | 226    | 99     |
| Nonwhite          | 581    | 328    | White             | 1,995  | 902    | Wakulla           | 92     | 35     |
| Gilchrist         | 46     | 25     | Nonwhite          | 510    | 230    | White             | 44     | 22     |
| White             | 38     | 21     | Orlando           | 2,109  | 961    | Nonwhite          | 48     | 13     |
| Nonwhite          | 8      | 4      | White             | 1,813  | 716    | Walton            | 383    | 113    |
| Glades            | 32     | 14     | Nonwhite          | 296    | 145    | White             | 333    | 89     |
| White             | 17     | 9      | Balance of county | 396    | 271    | Nonwhite          | 50     | 24     |
| Nonwhite          | 15     | 5      | White             | 182    | 186    | Washington        | 179    | 61     |
| Gulf              | 269    | 76     | Nonwhite          | 214    | 85     | White             | 119    | 40     |
| White             | 198    | 51     | Osceola           | 253    | 185    | Nonwhite          | 60     | 21     |
| Nonwhite          | 71     | 25     | White             | 195    | 148    | GEORGIA           |        |        |
| Hamilton          | 207    | 63     | Nonwhite          | 58     | 37     |                   | 92,533 | 28,584 |
| White             | 81     | 29     | Palm Beach        | 2,185  | 1,108  | White             | 58,997 | 17,351 |
| Nonwhite          | 126    | 34     | White             | 1,393  | 602    | Nonwhite          | 33,536 | 12,233 |
| Hardee            | 213    | 102    | Nonwhite          | 792    | 306    | Appling           | 281    | 73     |
| Hendry            | 114    | 43     | West Palm Beach   | 1,410  | 659    | White             | 186    | 55     |
| White             | 76     | 22     | White             | 1,079  | 501    | Nonwhite          | 95     | 18     |
| Nonwhite          | 38     | 21     | Nonwhite          | 331    | 158    | Atkinson          | 91     | 29     |
| Hernando          | 223    | 50     | Balance of county | 775    | 449    | White             | 47     | 26     |
| White             | 177    | 39     | White             | 314    | 201    | Nonwhite          | 44     | 3      |
| Nonwhite          | 46     | 11     | Nonwhite          | 461    | 149    | Bacon             | 389    | 76     |
| Highlands         | 351    | 142    | Pasco             | 346    | 169    | White             | 345    | 63     |
| White             | 248    | 104    | White             | 289    | 138    | Nonwhite          | 44     | 13     |
| Nonwhite          | 103    | 38     | Nonwhite          | 57     | 33     | Baker             | 170    | 23     |
| Hillsborough      | 5,879  | 2,343  | Pinellas          | 2,450  | 2,291  | White             | 162    | 18     |
| White             | 4,811  | 1,810  | White             | 1,973  | 2,116  | Nonwhite          | 6      | 5      |
| Nonwhite          | 968    | 533    | Nonwhite          | 477    | 175    | Baldwin           | 556    | 1,024  |
| Tampa             | 4,100  | 1,567  | St. Petersburg    | 1,786  | 1,459  | White             | 306    | 560    |
| White             | 3,371  | 1,257  | White             | 1,370  | 1,343  | Nonwhite          | 250    | 464    |
| Nonwhite          | 729    | 330    | Nonwhite          | 356    | 115    | Benks             | 98     | 20     |
| Balance of county | 1,779  | 776    | Clearwater        | 470    | 232    | Barrow            | 143    | 89     |
| White             | 1,540  | 573    | White             | 392    | 199    | White             | 75     | 73     |
| Nonwhite          | 239    | 203    | Nonwhite          | 78     | 33     | Nonwhite          | 68     | 16     |
| Holmes            | 352    | 72     | Balance of County | 254    | 601    | Bartow            | 746    | 204    |
| Indian River      | 245    | 96     | Polk              | 2,668  | 1,014  | White             | 650    | 148    |
| White             | 156    | 72     | White             | 2,022  | 781    | Nonwhite          | 96     | 56     |
| Nonwhite          | 89     | 24     | Nonwhite          | 646    | 233    | Ben Hill          | 428    | 143    |
| Jackson           | 920    | 342    | Lakeland          | 845    | 373    | White             | 273    | 89     |
| White             | 560    | 200    | White             | 701    | 306    | Nonwhite          | 155    | 54     |
| Nonwhite          | 360    | 142    | Nonwhite          | 144    | 67     | Berrien           | 248    | 74     |
| Jefferson         | 279    | 154    | Balance of county | 1,823  | 641    | White             | 200    | 63     |
| White             | 76     | 41     | White             | 1,321  | 475    | Nonwhite          | 48     | 11     |
| Nonwhite          | 203    | 93     | Nonwhite          | 502    | 166    |                   |        |        |

## VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE          | Births | Deaths | AREA AND RACE                                 | Births | Deaths | AREA AND RACE          | Births | Deaths |
|------------------------|--------|--------|---|--------|--------|------------------------|--------|--------|
| GEORGIA—Continued      |        |        | GEORGIA—Continued                             |        |        | GEORGIA—Continued      |        |        |
| Bibb-----              | 3,345  | 1,192  | Cook-----                                     | 278    | 83     | Fulton—Continued       |        |        |
| White-----             | 2,101  | 642    | White-----                                    | 192    | 56     | Balance of county----- | 644    | 644    |
| Nonwhite-----          | 1,244  | 540    | Nonwhite-----                                 | 86     | 27     | White-----             | 543    | 453    |
| Macon-----             | 3,266  | 1,090  | Coweta-----                                   | 871    | 256    | Nonwhite-----          | 101    | 191    |
| White-----             | 2,094  | 583    | White-----                                    | 518    | 152    | Gilmer-----            | 301    | 61     |
| Nonwhite-----          | 1,172  | 507    | Nonwhite-----                                 | 353    | 104    | Glascocock-----        | 53     | 22     |
| Balance of county----- | 78     | 92     | Crawford-----                                 | 235    | 50     | White-----             | 25     | 13     |
| White-----             | 7      | 59     | White-----                                    | 9      | 17     | Nonwhite-----          | 28     | 9      |
| Nonwhite-----          | 71     | 33     | Crisp-----                                    | 126    | 33     | Glynn-----             | 872    | 294    |
| Eleckley-----          | 160    | 60     | White-----                                    | 435    | 141    | White-----             | 561    | 160    |
| White-----             | 69     | 29     | Nonwhite-----                                 | 179    | 60     | Nonwhite-----          | 311    | 134    |
| Nonwhite-----          | 91     | 31     | Dade-----                                     | 256    | 81     | Brunswick-----         | 806    | 243    |
| Brantley-----          | 117    | 39     | Dawson-----                                   | 193    | 26     | White-----             | 544    | 130    |
| White-----             | 89     | 26     | Decatur-----                                  | 51     | 20     | Nonwhite-----          | 262    | 113    |
| Nonwhite-----          | 28     | 11     | White-----                                    | 729    | 251    | Balance of county----- | 66     | 51     |
| Brooks-----            | 634    | 198    | Nonwhite-----                                 | 390    | 82     | White-----             | 17     | 30     |
| White-----             | 255    | 91     | De Kalb-----                                  | 358    | 149    | Nonwhite-----          | 49     | 21     |
| Nonwhite-----          | 379    | 107    | White-----                                    | 2,073  | 998    | Gordon-----            | 432    | 98     |
| Bryan-----             | 96     | 37     | Nonwhite-----                                 | 1,877  | 868    | Grady-----             | 491    | 131    |
| White-----             | 39     | 18     | Atlanta (part)-----                           | 196    | 120    | White-----             | 290    | 71     |
| Nonwhite-----          | 57     | 19     | White-----                                    | 16     | 118    | Nonwhite-----          | 201    | 60     |
| Bulloch-----           | 703    | 171    | Nonwhite-----                                 | 5      | 104    | Greene-----            | 261    | 110    |
| White-----             | 404    | 99     | Decatur-----                                  | 11     | 14     | White-----             | 60     | 49     |
| Nonwhite-----          | 299    | 72     | White-----                                    | 41     | 96     | Nonwhite-----          | 201    | 61     |
| Burke-----             | 659    | 178    | Nonwhite-----                                 | 8      | 79     | Gwinnett-----          | 652    | 140    |
| White-----             | 38     | 30     | Balance of county-----                        | 33     | 17     | White-----             | 583    | 125    |
| Nonwhite-----          | 621    | 148    | Dodge-----                                    | 2,016  | 774    | Habersham-----         | 69     | 15     |
| Butts-----             | 157    | 90     | White-----                                    | 1,864  | 685    | Hall-----              | 464    | 107    |
| White-----             | 35     | 47     | Nonwhite-----                                 | 152    | 89     | White-----             | 1,017  | 274    |
| Nonwhite-----          | 122    | 43     | Dooly-----                                    | 485    | 116    | Nonwhite-----          | 697    | 157    |
| Calhoun-----           | 285    | 66     | White-----                                    | 285    | 82     | Gainessville-----      | 585    | 126    |
| White-----             | 58     | 18     | Nonwhite-----                                 | 170    | 34     | White-----             | 112    | 31     |
| Nonwhite-----          | 227    | 48     | Dougherty-----                                | 401    | 126    | Nonwhite-----          | 320    | 117    |
| Camden-----            | 141    | 37     | White-----                                    | 142    | 47     | Hancock-----           | 247    | 76     |
| White-----             | 35     | 13     | Nonwhite-----                                 | 259    | 79     | White-----             | 16     | 20     |
| Nonwhite-----          | 106    | 24     | Dougherty-----                                | 1,340  | 445    | Nonwhite-----          | 231    | 56     |
| Candler-----           | 258    | 56     | White-----                                    | 806    | 169    | Harris-----            | 282    | 86     |
| White-----             | 166    | 34     | Nonwhite-----                                 | 534    | 276    | White-----             | 254    | 93     |
| Nonwhite-----          | 92     | 22     | Albany-----                                   | 1,226  | 400    | Nonwhite-----          | 28     | 3      |
| Carroll-----           | 966    | 254    | White-----                                    | 803    | 160    | Harris-----            | 243    | 78     |
| White-----             | 786    | 193    | Nonwhite-----                                 | 423    | 240    | White-----             | 24     | 32     |
| Nonwhite-----          | 180    | 61     | Balance of county-----                        | 114    | 45     | Nonwhite-----          | 219    | 46     |
| Catoosa-----           | 240    | 58     | White-----                                    | 3      | 9      | Hart-----              | 127    | 76     |
| Charlton-----          | 168    | 27     | Nonwhite-----                                 | 111    | 36     | White-----             | 50     | 47     |
| White-----             | 114    | 19     | Douglas-----                                  | 236    | 59     | Nonwhite-----          | 77     | 29     |
| Nonwhite-----          | 54     | 8      | White-----                                    | 194    | 46     | Heard-----             | 104    | 55     |
| Chatham-----           | 3,948  | 1,661  | Nonwhite-----                                 | 42     | 13     | White-----             | 69     | 41     |
| White-----             | 2,314  | 803    | Early-----                                    | 556    | 167    | Nonwhite-----          | 35     | 14     |
| Nonwhite-----          | 1,634  | 858    | White-----                                    | 187    | 51     | Henry-----             | 342    | 115    |
| Savannah-----          | 3,778  | 1,458  | Nonwhite-----                                 | 369    | 116    | White-----             | 100    | 49     |
| White-----             | 2,306  | 720    | Echols-----                                   | 51     | 25     | Nonwhite-----          | 242    | 66     |
| Nonwhite-----          | 1,472  | 738    | White-----                                    | 19     | 11     | Houston-----           | 430    | 115    |
| Balance of county----- | 170    | 203    | Nonwhite-----                                 | 32     | 12     | White-----             | 156    | 44     |
| White-----             | 8      | 83     | Effingham-----                                | 231    | 105    | Nonwhite-----          | 274    | 71     |
| Nonwhite-----          | 162    | 120    | White-----                                    | 102    | 47     | Irwin-----             | 412    | 93     |
| Chattahoochee-----     | 1,075  | 74     | Nonwhite-----                                 | 129    | 58     | White-----             | 241    | 57     |
| White-----             | 917    | 58     | Elbert-----                                   | 498    | 184    | Nonwhite-----          | 171    | 38     |
| Nonwhite-----          | 158    | 16     | White-----                                    | 260    | 98     | Jackson-----           | 597    | 98     |
| Chattanooga-----       | 570    | 130    | Nonwhite-----                                 | 218    | 86     | White-----             | 511    | 78     |
| Cherokee-----          | 457    | 144    | Emanuel-----                                  | 461    | 157    | Nonwhite-----          | 88     | 18     |
| Clarks-----            | 1,417  | 430    | White-----                                    | 255    | 97     | Jaasper-----           | 178    | 74     |
| White-----             | 1,138  | 260    | Nonwhite-----                                 | 206    | 60     | White-----             | 32     | 24     |
| Nonwhite-----          | 279    | 170    | Evans-----                                    | 142    | 38     | Nonwhite-----          | 146    | 50     |
| Athens-----            | 1,347  | 389    | White-----                                    | 61     | 21     | Jeff Davis-----        | 269    | 80     |
| White-----             | 1,128  | 247    | Nonwhite-----                                 | 81     | 17     | White-----             | 196    | 60     |
| Nonwhite-----          | 219    | 142    | Fannin-----                                   | 376    | 85     | Nonwhite-----          | 72     | 20     |
| Balance of county----- | 70     | 41     | Payette-----                                  | 135    | 54     | Jefferson-----         | 616    | 149    |
| White-----             | 10     | 13     | White-----                                    | 52     | 26     | White-----             | 251    | 71     |
| Nonwhite-----          | 60     | 28     | Nonwhite-----                                 | 83     | 28     | Nonwhite-----          | 365    | 78     |
| Clay-----              | 174    | 66     | Floyd-----                                    | 1,791  | 679    | Jenkins-----           | 540    | 106    |
| White-----             | 22     | 24     | White-----                                    | 1,547  | 487    | White-----             | 351    | 46     |
| Nonwhite-----          | 152    | 42     | Nonwhite-----                                 | 244    | 192    | Nonwhite-----          | 209    | 60     |
| Clayton-----           | 130    | 51     | Home-----                                     | 1,671  | 392    | Johnson-----           | 195    | 52     |
| White-----             | 40     | 33     | White-----                                    | 1,474  | 318    | White-----             | 77     | 30     |
| Nonwhite-----          | 90     | 18     | Nonwhite-----                                 | 197    | 74     | Nonwhite-----          | 118    | 22     |
| Clinch-----            | 206    | 44     | Balance of county-----                        | 120    | 287    | Jones-----             | 149    | 72     |
| White-----             | 150    | 22     | White-----                                    | 73     | 169    | White-----             | 26     | 19     |
| Nonwhite-----          | 56     | 22     | Nonwhite-----                                 | 47     | 118    | Nonwhite-----          | 123    | 53     |
| Cobb-----              | 1,229  | 391    | Forsyth-----                                  | 326    | 72     | Lamar-----             | 207    | 77     |
| White-----             | 1,070  | 313    | Franklin-----                                 | 512    | 118    | White-----             | 59     | 34     |
| Nonwhite-----          | 159    | 78     | White-----                                    | 451    | 92     | Nonwhite-----          | 148    | 43     |
| Coffee-----            | 755    | 203    | Nonwhite-----                                 | 61     | 26     | Lenier-----            | 60     | 12     |
| White-----             | 583    | 134    | Fulton-----                                   | 14,449 | 4,628  | White-----             | 28     | 7      |
| Nonwhite-----          | 172    | 69     | White-----                                    | 10,216 | 2,779  | Nonwhite-----          | 32     | 5      |
| Colquitt-----          | 1,140  | 266    | Nonwhite-----                                 | 4,233  | 1,850  | Laurens-----           | 1,131  | 408    |
| White-----             | 829    | 185    | Atlanta (part) <sup>3</sup> -----             | 13,797 | 3,915  | White-----             | 659    | 229    |
| Nonwhite-----          | 311    | 81     | White <sup>3</sup> -----                      | 9,670  | 2,270  | Nonwhite-----          | 472    | 178    |
| Moultrie-----          | 946    | 152    | Nonwhite <sup>3</sup> -----                   | 4,127  | 1,645  | Lee-----               | 181    | 62     |
| White-----             | 767    | 96     | Atlanta (total) <sup>3</sup> -----            | 13,813 | 4,033  | White-----             | 9      | 12     |
| Nonwhite-----          | 179    | 54     | White <sup>3</sup> -----                      | 9,675  | 2,374  | Nonwhite-----          | 172    | 50     |
| Balance of county----- | 194    | 114    | Nonwhite <sup>3</sup> -----                   | 4,138  | 1,659  | Liberty-----           | 231    | 74     |
| White-----             | 62     | 87     | District 1511, Center Hill <sup>3</sup> ----- | -----  | -----  | White-----             | 56     | 18     |
| Nonwhite-----          | 132    | 27     | White <sup>3</sup> -----                      | -----  | -----  | Nonwhite-----          | 175    | 56     |
| Columbia-----          | 151    | 54     | Nonwhite <sup>3</sup> -----                   | -----  | -----  | Lincoln-----           | 139    | 27     |
| White-----             | 16     | 16     | East Point-----                               | 8      | 70     | White-----             | 17     | 6      |
| Nonwhite-----          | 135    | 36     | White-----                                    | 3      | 56     | Nonwhite-----          | 122    | 21     |
|                        |        |        | Nonwhite-----                                 | 5      | 14     |                        |        |        |

<sup>3</sup>Figures for District 1511, Center Hill, are included in those for Atlanta.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE     | Births | Deaths | AREA AND RACE      | Births | Deaths | AREA AND RACE                    | Births | Deaths |
|-------------------|--------|--------|--------------------|--------|--------|----------------------------------|--------|--------|
| GEORGIA—Continued |        |        | GEORGIA—Continued  |        |        | GEORGIA—Continued                |        |        |
| Long              | 103    | 27     | Richmond—Continued |        |        | Ware—Continued                   |        |        |
| White             | 46     | 15     | Balance of county  | 300    | 188    | Balance of county                | 123    | 58     |
| Nonwhite          | 57     | 12     | White              | 238    | 129    | White                            | 84     | 47     |
| Lowndes           | 1,350  | 313    | Nonwhite           | 64     | 59     | Nonwhite                         | 39     | 11     |
| White             | 844    | 198    | Rockdale           | 108    | 55     | Warren                           | 184    | 76     |
| Nonwhite          | 506    | 115    | White              | 33     | 29     | White                            | 9      | 12     |
| Valdosta          | 899    | 222    | Nonwhite           | 75     | 26     | Nonwhite                         | 185    | 64     |
| White             | 600    | 140    | Schley             | 96     | 34     | Washington                       | 652    | 231    |
| Nonwhite          | 299    | 92     | White              | 10     | 13     | White                            | 261    | 100    |
| Balance of county | 451    | 91     | Nonwhite           | 86     | 21     | Nonwhite                         | 591    | 131    |
| White             | 244    | 58     | Screven            | 417    | 97     | Wayne                            | 624    | 139    |
| Nonwhite          | 207    | 33     | White              | 63     | 29     | White                            | 531    | 112    |
| Lumpkin           | 140    | 38     | Nonwhite           | 354    | 68     | Nonwhite                         | 95     | 27     |
| McDuffie          | 153    | 75     | Seminole           | 382    | 83     | Webster                          | 104    | 35     |
| White             | 19     | 28     | White              | 255    | 53     | White                            | 10     | 7      |
| Nonwhite          | 134    | 47     | Nonwhite           | 147    | 30     | Nonwhite                         | 94     | 28     |
| McIntosh          | 146    | 48     | Spalding           | 924    | 289    | Wheeler                          | 132    | 29     |
| White             | 22     | 12     | White              | 655    | 177    | White                            | 59     | 21     |
| Nonwhite          | 124    | 36     | Nonwhite           | 269    | 112    | Nonwhite                         | 73     | 8      |
| Macon             | 495    | 168    | Griffin            | 804    | 208    | White                            | 138    | 28     |
| White             | 152    | 47     | White              | 625    | 126    | Whitfield                        | 1,013  | 189    |
| Nonwhite          | 343    | 121    | Nonwhite           | 179    | 82     | Dalton                           | 987    | 135    |
| Madison           | 136    | 67     | Balance of county  | 120    | 81     | White                            | 961    | 125    |
| White             | 57     | 45     | White              | 30     | 51     | Nonwhite                         | 26     | 10     |
| Nonwhite          | 79     | 22     | Nonwhite           | 90     | 30     | Balance of county                | 28     | 54     |
| Marion            | 162    | 59     | Stephens           | 520    | 87     | Wilcox                           | 196    | 73     |
| White             | 21     | 25     | White              | 449    | 61     | White                            | 97     | 36     |
| Nonwhite          | 141    | 34     | Nonwhite           | 71     | 26     | Nonwhite                         | 99     | 37     |
| Meriwether        | 168    | 168    | Stewart            | 217    | 89     | Wilkes                           | 502    | 158    |
| White             | 158    | 76     | White              | 8      | 16     | White                            | 276    | 73     |
| Nonwhite          | 358    | 92     | Nonwhite           | 209    | 71     | Nonwhite                         | 226    | 85     |
| Miller            | 274    | 63     | Sumter             | 989    | 287    | Wilkinson                        | 192    | 71     |
| White             | 156    | 35     | White              | 488    | 141    | White                            | 70     | 27     |
| Nonwhite          | 118    | 28     | Nonwhite           | 501    | 146    | Nonwhite                         | 122    | 44     |
| Mitchell          | 715    | 183    | Talbot             | 260    | 84     | Worth                            | 409    | 123    |
| White             | 305    | 70     | White              | 49     | 35     | White                            | 82     | 49     |
| Nonwhite          | 410    | 113    | Nonwhite           | 211    | 49     | Nonwhite                         | 527    | 74     |
| Monroe            | 260    | 71     | Taliaferro         | 98     | 44     | IDAHO                            | 15,636 | 4,783  |
| White             | 95     | 29     | White              | 3      | 12     | White                            | 15,439 | 4,695  |
| Nonwhite          | 165    | 42     | Nonwhite           | 95     | 32     | Nonwhite                         | 197    | 88     |
| Montgomery        | 136    | 49     | Tattnell           | 358    | 100    | Ada                              | 1,883  | 669    |
| White             | 31     | 22     | White              | 218    | 55     | Boise City                       | 1,843  | 466    |
| Nonwhite          | 105    | 27     | Nonwhite           | 120    | 45     | Balance of county                | 10     | 203    |
| Morgan            | 341    | 109    | Taylor             | 223    | 62     | Adams                            | 128    | 34     |
| White             | 141    | 37     | White              | 112    | 30     | Bannock                          | 1,379  | 322    |
| Nonwhite          | 200    | 72     | Nonwhite           | 111    | 32     | Pocatello                        | 1,567  | 267    |
| Murray            | 86     | 64     | Telfair            | 350    | 83     | Balance of county                | 12     | 55     |
| Muscogee          | 2,858  | 865    | White              | 224    | 49     | Beau Lake                        | 159    | 48     |
| White             | 1,749  | 459    | Nonwhite           | 128    | 34     | Beneviah                         | 116    | 55     |
| Nonwhite          | 809    | 406    | Terrill            | 389    | 131    | Bingham                          | 419    | 187    |
| Columbus          | 2,452  | 713    | White              | 48     | 22     | Blaine                           | 128    | 43     |
| White             | 1,732  | 388    | Nonwhite           | 341    | 109    | Boise                            | 1      | 16     |
| Nonwhite          | 720    | 325    | Thomas             | 881    | 328    | Bonner                           | 285    | 136    |
| Balance of county | 206    | 152    | White              | 467    | 184    | Bonneville                       | 1,151  | 274    |
| White             | 17     | 71     | Nonwhite           | 414    | 144    | Idaho Falls                      | 1,150  | 244    |
| Nonwhite          | 189    | 81     | Thomasville        | 541    | 239    | Balance of county                | 1      | 30     |
| Newton            | 545    | 147    | White              | 354    | 130    | Boundary                         | 132    | 56     |
| White             | 344    | 87     | Nonwhite           | 187    | 109    | Butte                            | 15     | 11     |
| Nonwhite          | 201    | 60     | Balance of county  | 340    | 89     | Camden                           | 7      | 7      |
| Oconee            | 91     | 51     | White              | 115    | 54     | Canyon                           | 1,505  | 419    |
| White             | 40     | 26     | Nonwhite           | 227    | 35     | Nampa                            | 985    | 213    |
| Nonwhite          | 51     | 25     | Tift               | 862    | 190    | Balance of county                | 520    | 206    |
| Oglethorpe        | 159    | 69     | White              | 631    | 109    | Caribou                          | 217    | 34     |
| White             | 13     | 28     | Nonwhite           | 231    | 81     | Cassia                           | 393    | 117    |
| Nonwhite          | 146    | 41     | Toombs             | 567    | 135    | Clark                            | 4      | 3      |
| Paulding          | 236    | 65     | White              | 426    | 89     | Clearwater                       | 149    | 107    |
| White             | 204    | 59     | Nonwhite           | 141    | 44     | Custer                           | 28     | 18     |
| Nonwhite          | 32     | 6      | Towns              | 83     | 21     | Elmore                           | 33     | 39     |
| Peach             | 369    | 99     | White              | 154    | 32     | Franklin                         | 290    | 51     |
| White             | 149    | 44     | Nonwhite           | 68     | 24     | Fremont                          | 263    | 89     |
| Nonwhite          | 220    | 55     | Troup              | 66     | 8      | Gen                              | 229    | 73     |
| Pickens           | 286    | 76     | White              | 1,695  | 491    | Gooding                          | 716    | 95     |
| Pierce            | 152    | 58     | Nonwhite           | 1,067  | 250    | Idaho                            | 371    | 110    |
| White             | 78     | 32     | La Grange          | 628    | 241    | Jefferson                        | 291    | 58     |
| Nonwhite          | 74     | 26     | White              | 979    | 263    | Jernome                          | 4      | 53     |
| Pike              | 257    | 67     | Nonwhite           | 695    | 152    | Kootenai                         | 536    | 257    |
| White             | 117    | 36     | Balance of county  | 284    | 111    | Coeur d'Alene                    | 440    | 183    |
| Nonwhite          | 140    | 31     | Turner             | 716    | 228    | Balance of county                | 96     | 74     |
| Polk              | 759    | 200    | White              | 372    | 98     | Latah                            | 561    | 135    |
| White             | 617    | 164    | Nonwhite           | 344    | 130    | Lemhi                            | 158    | 58     |
| Nonwhite          | 142    | 36     | Twigg              | 175    | 59     | Lewis                            | 2      | 26     |
| Pulaski           | 304    | 94     | White              | 45     | 34     | Lincoln                          | 4      | 19     |
| White             | 176    | 46     | Nonwhite           | 130    | 25     | Madison                          | 298    | 51     |
| Nonwhite          | 128    | 48     | White              | 186    | 62     | Minidoka                         | 330    | 83     |
| Putnam            | 207    | 70     | Nonwhite           | 14     | 14     | Nez Perce                        | 755    | 237    |
| White             | 56     | 36     | Union              | 172    | 48     | Lewiston                         | 753    | 203    |
| Nonwhite          | 151    | 34     | White              | 154    | 34     | Balance of county                | 2      | 34     |
| Quitman           | 79     | 30     | Nonwhite           | 607    | 201    | Omside                           | 113    | 37     |
| White             | 4      | 10     | White              | 392    | 121    | Owyhee                           | 10     | 17     |
| Nonwhite          | 75     | 20     | Nonwhite           | 215    | 80     | Payette                          | 92     | 70     |
| Rahun             | 354    | 30     | Walker             | 776    | 179    | Power                            | 160    | 39     |
| Randolph          | 509    | 182    | White              | 496    | 162    | Shoshone                         | 659    | 204    |
| White             | 193    | 63     | Nonwhite           | 272    | 102    | Teton                            | 124    | 21     |
| Nonwhite          | 316    | 119    | Ware               | 224    | 60     | Twin Falls                       | 1,284  | 298    |
| Richmond          | 3,177  | 1,254  | White              | 1,031  | 362    | Twin Falls                       | 1,280  | 193    |
| White             | 2,094  | 747    | Nonwhite           | 799    | 252    | Balance of county                | 4      | 105    |
| Nonwhite          | 1,085  | 507    | Waycross           | 232    | 110    | Valley                           | 74     | 30     |
| Augusta           | 2,877  | 1,066  | White              | 908    | 304    | Washington                       | 214    | 79     |
| White             | 1,858  | 618    | Nonwhite           | 715    | 205    | Yellowstone National Park (part) | -      | -      |
| Nonwhite          | 1,019  | 448    |                    | 193    | 99     |                                  |        |        |

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE     | Births  | Deaths | AREA AND RACE      | Births | Deaths | AREA AND RACE        | Births | Deaths |
|-------------------|---------|--------|--------------------|--------|--------|----------------------|--------|--------|
| ILLINOIS          | 181,234 | 89,909 | ILLINOIS—Continued |        |        | ILLINOIS—Continued   |        |        |
| Adams             | 1,650   | 835    | Kankakee           | 1,517  | 1,478  | Vermillion—Continued |        |        |
| Quincy            | 1,622   | 659    | Balance of county  | 1,455  | 355    | Balance of county    | 49     | 435    |
| Balance of county | 29      | 176    | Kendall            | 4      | 89     | Wabash               | 138    | 155    |
| Alexander         | 751     | 350    | Knox               | 1,268  | 568    | Warren               | 586    | 229    |
| White             | 627     | 225    | Galesburg          | 1,259  | 436    | Washington           | 44     | 97     |
| Nonwhite          | 124     | 125    | Balance of county  | 9      | 132    | Wayne                | 224    | 131    |
| Cairo             | 689     | 291    | LaSalle            | 4,018  | 1,409  | White                | 225    | 167    |
| White             | 589     | 185    | Waukegan           | 960    | 262    | Whiteside            | 1,161  | 411    |
| Nonwhite          | 100     | 106    | Highland Park      | 352    | 143    | Starling             | 771    | 198    |
| Balance of county | 62      | 59     | Balance of county  | 2,708  | 1,004  | Balance of county    | 410    | 212    |
| Band              | 25      | 89     | La Salle           | 2,350  | 1,077  | Will                 | 2,735  | 1,274  |
| Boone             | 448     | 214    | La Salle           | 455    | 162    | Joliet               | 2,688  | 881    |
| Brown             | 40      | 66     | Ottawa             | 686    | 210    | Balance of county    | 45     | 385    |
| Bureau            | 822     | 414    | Streator           | 839    | 241    | Williamson           | 985    | 625    |
| Calhoun           | 83      | 50     | Balance of county  | 370    | 464    | Winnemago            | 3,487  | 1,252  |
| Carroll           | 320     | 211    | Lawrence           | 115    | 151    | Rockford             | 3,435  | 943    |
| Cass              | 390     | 172    | Lee                | 730    | 509    | Balance of county    | 52     | 309    |
| Champaign         | 2,563   | 771    | Dixon              | 590    | 178    | Woodford             | 29     | 141    |
| Urban             | 1,545   | 197    | Balance of county  | 140    | 331    | INDIANA              | 92,944 | 39,372 |
| Balance of county | 73      | 241    | Livingston         | 722    | 459    | White                | 88,508 | 37,130 |
| Christian         | 840     | 377    | Logan              | 566    | 411    | Nonwhite             | 4,835  | 2,242  |
| Clark             | 67      | 160    | Lincoln            | 550    | 300    | Adams                | 899    | 215    |
| Clay              | 143     | 99     | Balance of county  | 16     | 111    | Allen                | 4,898  | 1,630  |
| Clinton           | 407     | 184    | McDonough          | 680    | 335    | Fort Wayne           | 4,806  | 1,532  |
| Centralia (part)  |         | 3      | McHenry            | 732    | 399    | Balance of county    | 90     | 298    |
| Balance of county | 407     | 181    | McLean             | 1,913  | 866    | Bartholomew          | 874    | 322    |
| Coles             | 996     | 418    | Bloomington        | 1,712  | 571    | Columbus             | 641    | 192    |
| Mattoon           | 652     | 187    | Balance of county  | 201    | 295    | Balance of county    | 33     | 130    |
| Balance of county | 344     | 231    | Macon              | 2,645  | 1,013  | Benton               | 28     | 57     |
| Cook              | 94,379  | 46,641 | Decatur            | 2,636  | 873    | Blackford            | 323    | 127    |
| Chicago           | 77,434  | 37,878 | Balance of county  | 9      | 140    | Boone                | 680    | 232    |
| White             | 63,568  | 32,694 | Macomb             | 278    | 398    | Brown                | 35     | 46     |
| Nonwhite          | 13,866  | 5,184  | Madison            | 3,951  | 1,701  | Carroll              | 25     | 119    |
| Berwyn            | 1,775   | 521    | Alton              | 2,171  | 587    | Cass                 | 1,127  | 663    |
| Cicero            | 17      | 335    | Granite City       | 996    | 249    | Logansport           | 1,115  | 379    |
| Elgin (part)      |         | 3      | Balance of county  | 784    | 865    | Balance of county    | 12     | 284    |
| Ivanston          | 3,805   | 982    | Marion             | 1,168  | 440    | Clark                | 873    | 338    |
| Maywood           | 5       | 132    | Centralia (part)   | 730    | 209    | Jeffersonville       | 778    | 184    |
| Oak Park          | 4,478   | 915    | Centralia (total)  | 730    | 212    | White                | 720    | 161    |
| Blue Island       | 953     | 247    | Balance of county  | 438    | 231    | Nonwhite             | 58     | 23     |
| Brookfield        | 1       | 60     | Marshall           | 13     | 69     | Balance of county    | 95     | 154    |
| Calumet City      | 3       | 75     | Manon              | 39     | 98     | Clay                 | 483    | 278    |
| Chicago Heights   | 1,053   | 293    | Masac              | 221    | 172    | Clinton              | 649    | 294    |
| Elmwood Park      | 1       | 55     | White              | 199    | 137    | Frankfort            | 631    | 186    |
| Forest Park       | 2       | 105    | Nonwhite           | 22     | 35     | Balance of county    | 17     | 108    |
| Harvey            | 1,005   | 187    | Menard             | 35     | 53     | Crawford             | 145    | 110    |
| La Grange         | 1       | 55     | Mercer             | 28     | 103    | Daviess              | 855    | 513    |
| Melrose Park      | 603     | 141    | Morroe             | 9      | 89     | Dearborn             | 100    | 164    |
| Park Ridge        | 1       | 66     | Montgomery         | 960    | 472    | Decatur              | 432    | 206    |
| Wilmette          |         | 122    | Morgan             | 823    | 754    | De Kalb              | 686    | 301    |
| Wimmetka          | 2       | 53     | Jacksonville       | 790    | 641    | Delaware             | 2,361  | 786    |
| Balance of county | 3,240   | 4,426  | Balance of county  | 43     | 113    | Muncie               | 2,346  | 627    |
| Crawford          | 426     | 255    | Pearia             | 4,865  | 2,063  | Balance of county    | 15     | 159    |
| Cumberland        | 46      | 93     | Balance of county  | 4,782  | 1,439  | Dubois               | 738    | 185    |
| De Kalb           | 1,100   | 437    | Perry              | 512    | 212    | Elkhart              | 2,145  | 793    |
| De Witt           | 235     | 164    | Piatt              | 199    | 120    | Kirkhart             | 1,300  | 395    |
| Douglas           | 375     | 170    | Pike               | 394    | 231    | Goshen               | 805    | 167    |
| Du Page           | 1,996   | 1,024  | Pope               | 60     | 57     | Balance of county    | 40     | 231    |
| Elmhurst          | 1,486   | 286    | Pulaski            | 137    | 148    | Fayette              | 558    | 199    |
| Balance of county | 510     | 738    | White              | 47     | 78     | Comeraville          | 562    | 167    |
| Edgar             | 463     | 265    | Nonwhite           | 90     | 70     | Balance of county    | 6      | 32     |
| Edwards           | 59      | 73     | Putnam             | 2      | 24     | Floyd                | 1,427  | 516    |
| Effingham         | 931     | 298    | Randolph           | 697    | 325    | New Albany           | 1,385  | 404    |
| Fayette           | 595     | 235    | Richland           | 653    | 295    | Balance of county    | 42     | 112    |
| Ford              | 268     | 136    | Rock Island        | 3,278  | 1,460  | Fountain             | 66     | 122    |
| Franklin          | 697     | 457    | Moline             | 2,239  | 540    | Franklin             | 53     | 136    |
| West Frankfort    | 46      | 130    | Rock Island        | 877    | 438    | Fulton               | 384    | 195    |
| Balance of county | 651     | 327    | East Moline        | 2      | 336    | Gibson               | 888    | 334    |
| Fulton            | 797     | 452    | Balance of county  | 60     | 148    | Grant                | 1,508  | 689    |
| Camden            | 780     | 271    | St. Clair          | 4,189  | 1,948  | Marion               | 1,482  | 383    |
| Balance of county | 37      | 181    | White              | 3,947  | 1,662  | Balance of county    | 26     | 286    |
| Gallatin          | 129     | 77     | Nonwhite           | 242    | 286    | Greene               | 542    | 279    |
| Greene            | 466     | 165    | Belleville         | 1,230  | 491    | Hamilton             | 462    | 248    |
| Grundy            | 307     | 153    | East St. Louis     | 2,420  | 983    | Hamcock              | 44     | 164    |
| Hamilton          | 258     | 113    | White              | 2,250  | 766    | Harrison             | 250    | 134    |
| Hancock           | 192     | 207    | Nonwhite           | 170    | 217    | Hendricks            | 43     | 206    |
| Hardin            | 123     | 67     | Balance of county  | 539    | 474    | Henry                | 1,296  | 484    |
| Henderson         | 19      | 44     | Sallina            | 979    | 435    | New Castle           | 19     | 84     |
| Henry             | 1,019   | 511    | Harrisburg         | 485    | 171    | Balance of county    | 1,277  | 400    |
| Kewanee           | 745     | 261    | Balance of county  | 494    | 254    | Kaward               | 1,433  | 514    |
| Balance of county | 274     | 230    | Sangamon           | 3,359  | 1,599  | Kokomo               | 1,423  | 421    |
| Troquois          | 552     | 266    | Springfield        | 3,291  | 1,359  | Balance of county    | 10     | 93     |
| Jackson           | 1,051   | 416    | Balance of county  | 68     | 240    | Huntington           | 755    | 374    |
| Jasper            | 43      | 77     | Echuyler           | 108    | 86     | Huntington           | 729    | 211    |
| Jefferson         | 939     | 365    | Scott              | 21     | 51     | Balance of county    | 26     | 163    |
| Mount Vernon      | 824     | 263    | Shelby             | 359    | 228    | Jackson              | 797    | 256    |
| Balance of county | 115     | 102    | Stark              | 4      | 35     | Jasper               | 553    | 165    |
| Jersey            | 77      | 103    | Stephenson         | 1,212  | 527    | Jay                  | 455    | 233    |
| Jo Daviess        | 51      | 191    | Freeport           | 1,188  | 425    | Jefferson            | 573    | 374    |
| Johnson           | 114     | 86     | Balance of county  | 24     | 102    | Jennings             | 109    | 125    |
| Kane              | 4,588   | 2,210  | Tazewell           | 1,001  | 428    | Johnson              | 502    | 298    |
| Aurora            | 2,280   | 698    | Pekin              | 699    | 207    | Knox                 | 1,128  | 448    |
| Elgin (part)      | 1,606   | 1,107  | Balance of county  | 302    | 221    | Vincennes            | 1,077  | 295    |
| Elgin (total)     | 1,606   | 1,110  | Union              | 458    | 457    | Balance of county    | 51     | 154    |
| Balance of county | 702     | 405    | Vermillion         | 2,103  | 1,059  | Kosciusko            | 613    | 341    |
|                   |         |        | Danville           | 2,054  | 624    | Lagrange             | 93     | 109    |



VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 26)

| AREA AND RACE           | Births | Deaths | AREA AND RACE     | Births | Deaths | AREA AND RACE             | Births | Deaths |
|-------------------------|--------|--------|-------------------|--------|--------|---------------------------|--------|--------|
| <b>KANSAS—Continued</b> |        |        | <b>KENTUCKY</b>   |        |        | <b>KENTUCKY—Continued</b> |        |        |
| Jackson                 | 196    | 116    | White             | 72,349 | 24,375 | Henderson—Continued       |        |        |
| Jefferson               | 32     | 93     | Nonwhite          | 4,843  | 5,378  | Henderson                 | 564    | 228    |
| Jewell                  | 22     | 72     | Adair             | 328    | 124    | White                     | 516    | 179    |
| Johnson                 | 177    | 274    | Allen             | 283    | 131    | Nonwhite                  | 48     | 49     |
| Kearny                  | 56     | 25     | Anderson          | 113    | 75     | Balance of county         | 102    | 50     |
| Kingman                 | 263    | 98     | Ballard           | 64     | 62     | White                     | 76     | 78     |
| Kiowa                   | 38     | 24     | Barren            | 1,026  | 357    | Nonwhite                  | 26     | 12     |
| Labette                 | 703    | 357    | Bath              | 170    | 69     | Henry                     | 86     | 82     |
| Parsons                 | 20     | 130    | Bell              | 1,577  | 482    | Hickman                   | 105    | 74     |
| Balance of county       | 663    | 227    | Middlesborough    | 659    | 195    | White                     | 80     | 67     |
| Lane                    | 3      | 9      | Balance of county | 918    | 287    | Nonwhite                  | 25     | 7      |
| Leavenworth             | 1,075  | 678    | Boone             | 91     | 101    | Hopkins                   | 867    | 351    |
| White                   | 993    | 591    | Bourbon           | 408    | 200    | White                     | 806    | 301    |
| Nonwhite                | 82     | 97     | White             | 347    | 133    | Nonwhite                  | 61     | 50     |
| Leavenworth             | 661    | 269    | Nonwhite          | 61     | 61     | Jackson                   | 253    | 82     |
| White                   | 623    | 239    | Boyd              | 1,454  | 422    | Jefferson                 | 13,197 | 5,801  |
| Nonwhite                | 58     | 30     | Ashland           | 1,397  | 356    | White                     | 11,611 | 4,704  |
| Balance of county       | 394    | 409    | Balance of county | 57     | 86     | Nonwhite                  | 1,586  | 1,097  |
| Lincoln                 | 34     | 54     | Bracken           | 685    | 307    | Louisville                | 12,969 | 4,686  |
| Linn                    | 113    | 91     | White             | 651    | 249    | White                     | 11,410 | 3,805  |
| Logan                   | 10     | 20     | Nonwhite          | 44     | 58     | Nonwhite                  | 1,559  | 685    |
| Lyon                    | 792    | 363    | Breckinridge      | 112    | 65     | Balance of county         | 228    | 1,103  |
| Emporia                 | 779    | 311    | Breathitt         | 530    | 93     | Jessamine                 | 119    | 85     |
| Balance of county       | 13     | 52     | Breckinridge      | 410    | 168    | White                     | 101    | 67     |
| McPherson               | 471    | 201    | Bullitt           | 141    | 80     | Nonwhite                  | 18     | 18     |
| Marion                  | 356    | 145    | Burtler           | 201    | 79     | Johnson                   | 973    | 197    |
| Marshall                | 428    | 206    | Caldwell          | 320    | 122    | Kenton                    | 5,571  | 1,316  |
| Meade                   | 96     | 34     | White             | 291    | 101    | Covington                 | 5,509  | 1,105  |
| Miami                   | 314    | 325    | Nonwhite          | 29     | 21     | Balance of county         | 62     | 211    |
| Mitchell                | 428    | 119    | Calloway          | 501    | 172    | Knott                     | 686    | 80     |
| Montgomery              | 1,178  | 552    | Campbell          | 933    | 686    | Knox                      | 856    | 221    |
| Coffeyville             | 528    | 176    | Newport           | 33     | 208    | Larue                     | 242    | 101    |
| White                   | 483    | 161    | Fort Thomas       | 1      | 90     | Laurel                    | 675    | 178    |
| Nonwhite                | 45     | 15     | Balance of county | 799    | 388    | Lawrence                  | 412    | 122    |
| Independence            | 529    | 221    | Carlisle          | 42     | 65     | Lee                       | 143    | 56     |
| White                   | 484    | 195    | Carroll           | 147    | 85     | Leslie                    | 521    | 72     |
| Nonwhite                | 45     | 26     | Carter            | 623    | 163    | Letcher                   | 1,451  | 287    |
| Balance of county       | 119    | 155    | Casey             | 428    | 95     | Lewis                     | 342    | 116    |
| Morris                  | 100    | 96     | Christian         | 1,069  | 687    | Lincoln                   | 525    | 158    |
| Morton                  | 94     | 20     | White             | 804    | 472    | Livingston                | 71     | 60     |
| Memphr                  | 370    | 134    | Nonwhite          | 265    | 215    | Logan                     | 497    | 260    |
| Meusho                  | 367    | 227    | Hopkinsville      | 642    | 278    | White                     | 445    | 209    |
| Chanute                 | 313    | 177    | White             | 505    | 159    | Nonwhite                  | 52     | 51     |
| Balance of county       | 54     | 50     | Nonwhite          | 157    | 119    | Iyon                      | 104    | 64     |
| Ness                    | 125    | 37     | Balance of county | 427    | 408    | White                     | 103    | 57     |
| Norton                  | 309    | 146    | White             | 299    | 313    | Nonwhite                  | 1      | 7      |
| Osage                   | 59     | 112    | Nonwhite          | 128    | 96     | McCracken                 | 1,291  | 622    |
| Osborne                 | 40     | 65     | Clark             | 447    | 226    | White                     | 1,183  | 500    |
| Ottawa                  | 20     | 72     | White             | 405    | 169    | Nonwhite                  | 128    | 122    |
| Pawnee                  | 120    | 176    | Nonwhite          | 42     | 37     | Paducah                   | 1,180  | 502    |
| Phillips                | 163    | 85     | Clay              | 1,122  | 76     | White                     | 1,067  | 392    |
| Pottawatomie            | 225    | 120    | Clinton           | 322    | 85     | Nonwhite                  | 113    | 110    |
| Pratt                   | 255    | 110    | Crittenden        | 291    | 106    | Balance of county         | 111    | 120    |
| Rawlins                 | 22     | 22     | Cumberland        | 183    | 89     | McCreary                  | 397    | 107    |
| Reno                    | 1,257  | 497    | Daviess           | 1,737  | 605    | McLean                    | 147    | 78     |
| Hutchinson              | 1,238  | 400    | Owensboro         | 1,495  | 492    | Madison                   | 1,045  | 298    |
| Balance of county       | 19     | 97     | Balance of county | 242    | 115    | White                     | 987    | 249    |
| Republic                | 201    | 98     | Edmonson          | 161    | 61     | Nonwhite                  | 59     | 49     |
| Rice                    | 309    | 154    | Elliott           | 180    | 83     | Magoffin                  | 329    | 71     |
| Riley                   | 760    | 190    | Estill            | 353    | 96     | Marion                    | 699    | 189    |
| Manhattan               | 759    | 142    | Fayette           | 2,740  | 1,485  | Marshall                  | 137    | 101    |
| Balance of county       | 1      | 48     | White             | 2,334  | 1,124  | Martin                    | 329    | 98     |
| Rooks                   | 101    | 57     | Nonwhite          | 406    | 361    | Mason                     | 796    | 275    |
| Rush                    | 80     | 48     | Lexington         | 2,663  | 1,194  | White                     | 749    | 244    |
| Russell                 | 256    | 78     | White             | 2,285  | 881    | Nonwhite                  | 47     | 31     |
| Salina                  | 1,282  | 343    | Nonwhite          | 378    | 313    | Meade                     | 154    | 80     |
| Salina                  | 944    | 293    | Balance of county | 77     | 291    | Menifee                   | 130    | 39     |
| Balance of county       | 338    | 50     | White             | 49     | 243    | Mercer                    | 329    | 136    |
| Scott                   | 161    | 38     | Nonwhite          | 28     | 48     | Hetschke                  | 160    | 86     |
| Sedgewick               | 5,709  | 1,834  | Fleming           | 200    | 102    | Monroe                    | 359    | 100    |
| Wichita                 | 1,567  | 1,567  | Floyd             | 1,776  | 293    | Montgomery                | 551    | 124    |
| Balance of county       | 157    | 267    | Franklin          | 704    | 250    | White                     | 525    | 107    |
| Seward                  | 435    | 99     | Frankfort         | 687    | 190    | Nonwhite                  | 26     | 17     |
| Shawnee                 | 2,498  | 1,333  | White             | 652    | 163    | Morgan                    | 402    | 102    |
| Topeka                  | 2,464  | 903    | Nonwhite          | 35     | 27     | Muhlenberg                | 920    | 280    |
| Balance of county       | 34     | 430    | Balance of county | 17     | 60     | Mulkey                    | 424    | 148    |
| Sheridan                | 73     | 21     | Fulton            | 459    | 167    | Michigan                  | 126    | 62     |
| Sherman                 | 288    | 85     | White             | 398    | 162    | Ohio                      | 457    | 165    |
| Smith                   | 202    | 94     | Nonwhite          | 73     | 25     | Oidhan                    | 352    | 117    |
| Stafford                | 146    | 96     | Gallatin          | 61     | 30     | White                     | 330    | 107    |
| Stanton                 | 3      | 3      | Garrard           | 101    | 68     | Nonwhite                  | 22     | 10     |
| Stevens                 | 13     | 19     | White             | 74     | 72     | Owen                      | 83     | 83     |
| Sumner                  | 409    | 206    | Nonwhite          | 27     | 16     | Owsley                    | 141    | 24     |
| Thomas                  | 24     | 24     | Grant             | 168    | 61     | Pendleton                 | 101    | 93     |
| Trego                   | 14     | 60     | Graves            | 627    | 285    | Perry                     | 1,805  | 326    |
| Webeunsee               | 28     | 60     | Grayson           | 359    | 144    | Fike                      | 2,522  | 504    |
| Wallace                 | 1      | 7      | Green             | 236    | 85     | Fowell                    | 179    | 43     |
| Washington              | 21     | 105    | Greenup           | 367    | 135    | Fulaski                   | 1,292  | 343    |
| Wichita                 | 12     | 7      | Hancock           | 79     | 44     | Robertson                 | 82     | 31     |
| Wilson                  | 272    | 171    | Hardin            | 1,304  | 237    | Rockcastle                | 294    | 101    |
| Woodson                 | 50     | 53     | Harlan            | 2,405  | 544    | Rowan                     | 239    | 78     |
| Wyandotte               | 3,999  | 1,741  | White             | 2,241  | 481    | Russell                   | 218    | 74     |
| White                   | 3,069  | 1,405  | Nonwhite          | 164    | 63     | Scott                     | 294    | 133    |
| Nonwhite                | 930    | 336    | Harrison          | 296    | 165    | White                     | 265    | 108    |
| Kansas City             | 3,968  | 1,566  | Hart              | 310    | 117    | Nonwhite                  | 29     | 25     |
| White                   | 3,046  | 1,254  | Henderson         | 666    | 318    | Shelby                    | 491    | 182    |
| Nonwhite                | 922    | 312    | White             | 592    | 257    | White                     | 415    | 155    |
| Balance of county       | 31     | 175    | Nonwhite          | 74     | 61     | Nonwhite                  | 76     | 27     |

# GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE             | Births        | Deaths        | AREA AND RACE              | Births | Deaths | AREA AND RACE              | Births        | Deaths       |
|---------------------------|---------------|---------------|----------------------------|--------|--------|----------------------------|---------------|--------------|
| <b>KENTUCKY—Continued</b> |               |               | <b>LOUISIANA—Continued</b> |        |        | <b>LOUISIANA—Continued</b> |               |              |
| Simpson                   | 292           | 129           | East Baton Rouge—Continued |        |        | Rapides                    | 3,104         | 1,248        |
| White                     | 259           | 112           | Baton Rouge                | 1,064  | 329    | White                      | 1,979         | 753          |
| Nonwhite                  | 33            | 16            | White                      | 701    | 175    | Nonwhite                   | 1,225         | 495          |
| Spencer                   | 116           | 37            | Nonwhite                   | 363    | 154    | Alexandria                 | 1,344         | 401          |
| Taylor                    | 305           | 129           | Balance of parish          | 3,006  | 633    | White                      | 1,229         | 275          |
| Todd                      | 173           | 122           | White                      | 2,334  | 337    | Nonwhite                   | 115           | 126          |
| White                     | 122           | 90            | Nonwhite                   | 672    | 276    | Balance of parish          | 1,760         | 847          |
| Nonwhite                  | 51            | 32            | East Carroll               | 445    | 149    | White                      | 650           | 478          |
| Trigg                     | 193           | 78            | White                      | 137    | 23     | Nonwhite                   | 1,110         | 369          |
| White                     | 163           | 57            | Nonwhite                   | 308    | 120    | Red River                  | 185           | 81           |
| Nonwhite                  | 30            | 21            | East Feliciana             | 331    | 462    | White                      | 75            | 37           |
| Trimble                   | 59            | 15            | White                      | 105    | 220    | Nonwhite                   | 110           | 44           |
| Union                     | 415           | 182           | Nonwhite                   | 226    | 242    | Richland                   | 801           | 161          |
| White                     | 376           | 134           | Evangeline                 | 609    | 233    | White                      | 553           | 76           |
| Nonwhite                  | 39            | 29            | White                      | 402    | 175    | Nonwhite                   | 248           | 85           |
| Warren                    | 1,035         | 494           | Nonwhite                   | 207    | 59     | Sabine                     | 531           | 119          |
| White                     | 941           | 403           | Franklin                   | 936    | 199    | White                      | 407           | 87           |
| Nonwhite                  | 94            | 91            | White                      | 527    | 102    | Nonwhite                   | 124           | 31           |
| Bowling Green             | 955           | 308           | Nonwhite                   | 409    | 97     | St. Bernard                | 5             | 33           |
| White                     | 807           | 249           | White                      | 59     | 67     | White                      | 3             | 24           |
| Nonwhite                  | 40            | 50            | Nonwhite                   | 29     | 51     | Nonwhite                   | 2             | 9            |
| Balance of county         | 180           | 186           | Iberia                     | 29     | 36     | St. Charles                | 29            | 71           |
| Washington                | 129           | 65            | White                      | 858    | 337    | White                      | 9             | 36           |
| Wayne                     | 478           | 72            | Nonwhite                   | 610    | 203    | Nonwhite                   | 21            | 35           |
| Webster                   | 237           | 179           | White                      | 228    | 134    | St. Helena                 | 66            | 40           |
| White                     | 202           | 144           | Nonwhite                   | 540    | 195    | White                      | 13            | 18           |
| Nonwhite                  | 35            | 35            | New Iberia                 | 459    | 137    | Nonwhite                   | 53            | 22           |
| Whitley                   | 874           | 234           | White                      | 82     | 58     | St. James                  | 386           | 130          |
| Wolfe                     | 233           | 58            | Nonwhite                   | 298    | 142    | White                      | 186           | 47           |
| Woodford                  | 269           | 99            | Balance of parish          | 152    | 86     | Nonwhite                   | 220           | 83           |
| White                     | 226           | 76            | White                      | 146    | 76     | St. John the Baptist       | 172           | 93           |
| Nonwhite                  | 42            | 23            | Nonwhite                   | 716    | 279    | White                      | 101           | 36           |
| <b>LOUISIANA</b>          | <b>75,039</b> | <b>23,894</b> | White                      | 392    | 112    | Nonwhite                   | 71            | 57           |
| White                     | 44,613        | 13,874        | Nonwhite                   | 354    | 167    | St. Landry                 | 1,864         | 493          |
| Nonwhite                  | 28,426        | 10,020        | White                      | 474    | 115    | White                      | 984           | 242          |
| Acadia                    | 1,530         | 363           | Nonwhite                   | 303    | 78     | Nonwhite                   | 890           | 251          |
| White                     | 1,211         | 263           | Jefferson                  | 166    | 37     | St. Martin                 | 595           | 170          |
| Nonwhite                  | 319           | 100           | White                      | 343    | 45     | White                      | 415           | 94           |
| Allen                     | 575           | 145           | Nonwhite                   | 289    | 357    | Nonwhite                   | 180           | 76           |
| White                     | 445           | 99            | Gretna                     | 45     | 94     | St. Mary                   | 1,005         | 265          |
| Nonwhite                  | 130           | 46            | White                      | 37     | 64     | White                      | 618           | 119          |
| Ansonson                  | 586           | 179           | Nonwhite                   | 19     | 41     | Nonwhite                   | 397           | 146          |
| White                     | 397           | 92            | Balance of parish          | 13     | 23     | St. Tammany                | 205           | 191          |
| Nonwhite                  | 199           | 87            | White                      | 311    | 387    | White                      | 89            | 124          |
| Assumption                | 402           | 149           | Nonwhite                   | 279    | 316    | Nonwhite                   | 116           | 67           |
| White                     | 202           | 62            | Jefferson Davis            | 32     | 71     | Tangipahoa                 | 1,302         | 391          |
| Nonwhite                  | 200           | 87            | White                      | 755    | 192    | White                      | 798           | 221          |
| Avoyelles                 | 871           | 248           | Nonwhite                   | 595    | 146    | Nonwhite                   | 514           | 170          |
| White                     | 658           | 188           | Lafayette                  | 160    | 46     | Tensas                     | 269           | 124          |
| Nonwhite                  | 245           | 82            | White                      | 2,420  | 699    | White                      | 82            | 23           |
| Beauregard                | 483           | 138           | Nonwhite                   | 1,059  | 299    | Nonwhite                   | 217           | 101          |
| White                     | 407           | 112           | Lafayette                  | 1,362  | 300    | Terrebonne                 | 1,100         | 254          |
| Nonwhite                  | 76            | 26            | White                      | 2,204  | 477    | White                      | 994           | 172          |
| Bianville                 | 295           | 108           | Nonwhite                   | 333    | 229    | Nonwhite                   | 116           | 82           |
| White                     | 94            | 48            | Balance of parish          | 1,271  | 248    | Union                      | 269           | 109          |
| Nonwhite                  | 201           | 59            | White                      | 125    | 122    | White                      | 132           | 59           |
| Bossier                   | 528           | 156           | Nonwhite                   | 81     | 70     | Nonwhite                   | 156           | 50           |
| White                     | 371           | 63            | Lafourche                  | 1,073  | 227    | Vermillion                 | 861           | 224          |
| Nonwhite                  | 157           | 93            | White                      | 948    | 181    | White                      | 776           | 187          |
| Caddo                     | 6,377         | 1,997         | Nonwhite                   | 125    | 46     | Nonwhite                   | 105           | 37           |
| White                     | 3,323         | 987           | La Salle                   | 311    | 92     | Vernon                     | 368           | 121          |
| Nonwhite                  | 3,054         | 1,010         | White                      | 296    | 79     | White                      | 326           | 106          |
| Shreveport                | 5,931         | 1,730         | Nonwhite                   | 26     | 15     | Nonwhite                   | 60            | 15           |
| White                     | 5,097         | 882           | Lincoln                    | 650    | 202    | Washington                 | 1,144         | 219          |
| Nonwhite                  | 2,834         | 848           | White                      | 395    | 125    | White                      | 796           | 187          |
| Balance of parish         | 446           | 267           | Nonwhite                   | 255    | 77     | Nonwhite                   | 348           | 92           |
| White                     | 226           | 105           | Livingston                 | 357    | 98     | Bogalusa                   | 861           | 177          |
| Nonwhite                  | 220           | 162           | White                      | 306    | 78     | White                      | 653           | 125          |
| Calcasieu                 | 2,476         | 639           | Nonwhite                   | 51     | 20     | Nonwhite                   | 208           | 52           |
| White                     | 1,862         | 448           | Madison                    | 456    | 148    | Balance of parish          | 283           | 102          |
| Nonwhite                  | 614           | 191           | White                      | 105    | 28     | White                      | 143           | 62           |
| Lake Charles              | 1,735         | 367           | Nonwhite                   | 353    | 120    | Nonwhite                   | 140           | 40           |
| White                     | 1,324         | 238           | Morehouse                  | 902    | 226    | Webster                    | 1,021         | 255          |
| Nonwhite                  | 411           | 129           | White                      | 429    | 96     | White                      | 725           | 137          |
| Balance of parish         | 741           | 272           | Nonwhite                   | 474    | 130    | Nonwhite                   | 296           | 118          |
| White                     | 539           | 210           | Natchitoches               | 961    | 291    | White                      | 104           | 96           |
| Nonwhite                  | 203           | 62            | White                      | 460    | 136    | Nonwhite                   | 99            | 77           |
| Caldwell                  | 197           | 72            | Nonwhite                   | 501    | 153    | West Baton Rouge           | 5             | 19           |
| White                     | 156           | 50            | Orleans, coextensive with  |        |        | White                      | 5             | 19           |
| Nonwhite                  | 41            | 22            | New Orleans                |        |        | Nonwhite                   | 99            | 77           |
| Cameron                   | 54            | 27            | White                      | 20,611 | 7,399  | West Carroll               | 355           | 89           |
| Catahoula                 | 206           | 81            | Nonwhite                   | 12,053 | 4,693  | White                      | 241           | 61           |
| White                     | 117           | 44            | Ounchita                   | 8,558  | 2,703  | Nonwhite                   | 114           | 28           |
| Nonwhite                  | 89            | 37            | White                      | 2,703  | 892    | West Feliciana             | 163           | 85           |
| Clatsome                  | 482           | 126           | Nonwhite                   | 1,616  | 467    | White                      | 14            | 13           |
| White                     | 123           | 60            | Monroe                     | 1,087  | 425    | Nonwhite                   | 149           | 72           |
| Nonwhite                  | 309           | 96            | White                      | 1,433  | 417    | Winn                       | 375           | 96           |
| Concordia                 | 368           | 141           | Nonwhite                   | 1,191  | 274    | White                      | 293           | 67           |
| White                     | 156           | 42            | Balance of parish          | 1,270  | 475    | Nonwhite                   | 82            | 29           |
| Nonwhite                  | 212           | 99            | White                      | 425    | 193    | <b>MAINE</b>               | <b>21,698</b> | <b>9,991</b> |
| De Soto                   | 556           | 206           | Nonwhite                   | 845    | 232    | White                      | 21,698        | 9,949        |
| White                     | 178           | 73            | Plaquemine                 | 218    | 48     | Nonwhite                   | 32            | 32           |
| Nonwhite                  | 378           | 133           | White                      | 146    | 25     | Androscoggin               | 2,173         | 931          |
| East Baton Rouge          | 4,070         | 962           | Nonwhite                   | 72     | 23     | Levinston                  | 3,003         | 607          |
| White                     | 3,035         | 532           | Pointe Coupee              | 532    | 216    | Auburn                     | 11            | 187          |
| Nonwhite                  | 1,035         | 430           | White                      | 245    | 82     | Balance of county          | 159           | 157          |
|                           |               |               | Nonwhite                   | 307    | 134    | Aracostock                 | 2,851         | 759          |

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE            | Births | Deaths | AREA AND RACE             | Births  | Deaths | AREA AND RACE                  | Births  | Deaths |
|--------------------------|--------|--------|---------------------------|---------|--------|--------------------------------|---------|--------|
| <b>MAINE—Continued</b>   |        |        | <b>MARYLAND—Continued</b> |         |        | <b>MASSACHUSETTS—Continued</b> |         |        |
| Cumberland               | 3,964  | 1,898  | St. Marys                 | 964     | 171    | Middlesex—Continued            |         |        |
| Portland                 | 3,147  | 1,136  | White                     | 763     | 116    | Woburn                         |         | 483    |
| South Portland           | 3      | 158    | Nonwhite                  | 201     | 55     | Balance of county              | 1,009   | 1,283  |
| Westbrook                | 206    | 94     | Somerset                  | 298     | 225    | Nantucket                      | 72      | 50     |
| Balance of county        | 608    | 540    | White                     | 162     | 141    | Norfolk                        | 6,057   | 3,577  |
| Franklin                 | 506    | 306    | Nonwhite                  | 136     | 84     | Brookline (town)               | 1,589   | 576    |
| Hancock                  | 655    | 346    | Talbot                    | 890     | 273    | Quincy                         | 1,742   | 786    |
| Kennebec                 | 2,264  | 1,158  | White                     | 524     | 183    | Braintree (town)               | 2       | 182    |
| Augusta                  | 750    | 305    | Nonwhite                  | 166     | 90     | Dedham (town)                  | 3       | 115    |
| Waterville               | 1,041  | 236    | Washington                | 1,753   | 837    | Milton (town)                  | 81      | 150    |
| Balance of county        | 483    | 615    | Egbertown                 | 1,489   | 509    | Needham (town)                 | 180     | 115    |
| Knock                    | 633    | 342    | Balance of county         | 264     | 328    | Norwood                        | 997     | 262    |
| Lincoln                  | 303    | 247    | Wicomico                  | 1,451   | 558    | Wellesley (town)               | 5       | 79     |
| Oxford                   | 892    | 389    | White                     | 1,141   | 420    | Weymouth (town)                | 1,328   | 369    |
| Penobscot                | 3,018  | 1,321  | Nonwhite                  | 310     | 138    | Balance of county              | 1,300   | 963    |
| Bangor                   | 1,927  | 800    | Salisbury                 | 1,394   | 398    | Plymouth                       | 3,748   | 2,017  |
| Balance of county        | 1,081  | 521    | White                     | 1,112   | 293    | Brookton                       | 2,476   | 780    |
| Piscataquis              | 468    | 192    | Nonwhite                  | 282     | 93     | Plymouth (town)                | 409     | 180    |
| Segadahoc                | 365    | 198    | Balance of county         | 57      | 172    | Balance of county              | 863     | 1,087  |
| Bath                     | 323    | 128    | White                     | 29      | 127    | Worcester                      | 24,548  | 12,372 |
| Balance of county        | 42     | 70     | Nonwhite                  | 28      | 45     | Worcester                      | 21,238  | 11,587 |
| Somerset                 | 740    | 393    | Worcester                 | 250     | 180    | White                          | 20,079  | 10,882 |
| Waldo                    | 339    | 201    | White                     | 72      | 127    | Nonwhite                       | 1,159   | 505    |
| Washington               | 572    | 420    | Nonwhite                  | 178     | 53     | Chelsea                        | 1,566   | 547    |
| York                     | 1,965  | 982    | MASSACHUSETTS             | 497,966 | 52,712 | Beverly                        | 371     | 272    |
| Biddeford                | 931    | 208    | White                     | 95,968  | 51,747 | Winthrop (town)                | 1,193   | 166    |
| Balance of county        | 1,034  | 774    | Nonwhite                  | 1,978   | 965    | Worcester                      | 11,246  | 6,264  |
| MAARYLAND                | 51,253 | 22,904 | Barnstable                | 653     | 557    | Fitchburg                      | 5,704   | 2,756  |
| White                    | 40,403 | 18,178 | Berkshire                 | 3,116   | 1,410  | North Adams                    | 1,178   | 494    |
| Nonwhite                 | 10,850 | 4,728  | Pittsfield                | 1,862   | 637    | Athol (town)                   | 17      | 70     |
| Allegany                 | 2,559  | 967    | Adams (town)              | 299     | 149    | Clinton (town)                 | 417     | 142    |
| Cumberland               | 2,000  | 611    | North Adams               | 570     | 254    | Gardner                        | 839     | 339    |
| Balance of county        | 559    | 356    | Balance of county         | 385     | 370    | Loonistater                    | 592     | 274    |
| Ann Arundel              | 1,941  | 778    | Bristol                   | 8,133   | 4,509  | Milford (town)                 | 743     | 221    |
| White                    | 1,485  | 506    | Fall River                | 3,241   | 1,510  | Northbridge (town)             | 334     | 85     |
| Nonwhite                 | 456    | 272    | New Bedford               | 2,093   | 1,307  | Southbridge (town)             | 526     | 147    |
| Annapolis                | 1,049  | 212    | Taunton                   | 802     | 658    | Webster (town)                 | 363     | 92     |
| White                    | 863    | 155    | Attleboro                 | 1,096   | 319    | Balance of county              | 533     | 1,644  |
| Nonwhite                 | 186    | 57     | Fairhaven (town)          | 16      | 97     | MICHIGAN                       | 154,160 | 56,551 |
| Balance of county        | 892    | 568    | North Attleborough (town) | 29      | 85     | White                          | 142,519 | 52,710 |
| White                    | 622    | 351    | Balance of county         | 856     | 532    | Nonwhite                       | 11,841  | 3,841  |
| Nonwhite                 | 270    | 215    | Dukes                     | 127     | 88     | Alcona                         | 97      | 36     |
| Baltimore                | 966    | 1,650  | Roxes                     | 49,176  | 5,970  | Alger                          | 216     | 78     |
| District 12 <sup>2</sup> | 261    | 88     | Beverly                   | 963     | 361    | Allegan                        | 911     | 471    |
| District 13 <sup>2</sup> | 18     | 60     | Haverhill                 | 1,024   | 607    | Alpena                         | 805     | 224    |
| Balance of county        | 689    | 1,502  | Lawrence                  | 2,169   | 999    | Balance of county              | 799     | 174    |
| White                    | 580    | 1,342  | Lynn                      | 2,136   | 1,136  | Antrim                         | 6       | 50     |
| Nonwhite                 | 109    | 160    | Salem                     | 1,470   | 570    | Arden                          | 91      | 102    |
| Baltimore (city)         | 26,899 | 11,510 | Amesbury (town)           | 271     | 154    | Arenac                         | 254     | 116    |
| White                    | 21,720 | 8,830  | Andover (town)            | 4       | 98     | Baraga                         | 78      | 75     |
| Nonwhite                 | 7,179  | 2,680  | Danvers (town)            | 53      | 353    | Barry                          | 503     | 269    |
| Calvert                  | 358    | 129    | Gloucester                | 549     | 294    | Bay                            | 2,458   | 816    |
| White                    | 146    | 79     | Marblehead (town)         | 70      | 96     | Bay City                       | 2,332   | 854    |
| Nonwhite                 | 212    | 50     | Methuen (town)            | 621     | 202    | Balance of county              | 124     | 162    |
| Caroline                 | 172    | 189    | Newburyport               | 451     | 220    | Benzie                         | 124     | 82     |
| White                    | 77     | 149    | Peabody                   | 298     | 205    | Berrien                        | 2,907   | 1,130  |
| Nonwhite                 | 95     | 40     | Saugus (town)             | 6       | 104    | Benton Harbor                  | 1,314   | 258    |
| Carroll                  | 257    | 729    | Swaupscott (town)         | 1       | 65     | Miles                          | 685     | 183    |
| Cecil                    | 587    | 368    | Balance of county         | 206     | 506    | Balance of county              | 868     | 689    |
| Charles                  | 558    | 144    | Franklin                  | 729     | 573    | Branch                         | 620     | 548    |
| White                    | 287    | 91     | Greenfield (town)         | 697     | 242    | Calhoun                        | 3,325   | 1,575  |
| Nonwhite                 | 271    | 53     | Balance of county         | 32      | 331    | Battle Creek                   | 2,556   | 766    |
| Dorchester               | 587    | 338    | Hampden                   | 8,690   | 3,726  | Balance of county              | 769     | 609    |
| White                    | 358    | 242    | Springfield               | 5,310   | 1,944  | Cass                           | 436     | 299    |
| Nonwhite                 | 209    | 96     | Chicopee                  | 15      | 250    | Charlevoix                     | 263     | 140    |
| Cambridge                | 486    | 170    | Holyoke                   | 2,123   | 705    | Cheboygan                      | 456     | 174    |
| White                    | 339    | 113    | Westfield                 | 615     | 277    | Chippewa                       | 881     | 249    |
| Nonwhite                 | 147    | 57     | West Springfield (town)   | 6       | 106    | Sault Ste. Marie               | 846     | 189    |
| Balance of county        | 81     | 168    | Balance of county         | 621     | 446    | Balance of county              | 35      | 60     |
| White                    | 19     | 129    | Hampshire                 | 1,652   | 1,027  | Clare                          | 106     | 93     |
| Nonwhite                 | 62     | 39     | Easthampton (town)        | 6       | 48     | Clinton                        | 561     | 236    |
| Frederick                | 1,490  | 760    | Northampton               | 1,200   | 649    | Crawford                       | 294     | 95     |
| Frederick                | 964    | 331    | Balance of county         | 446     | 330    | Delta                          | 866     | 329    |
| White                    | 961    | 304    | Middlesex                 | 21,219  | 10,570 | Escanaba                       | 688     | 241    |
| Nonwhite                 | 3      | 27     | Cambridge                 | 3,785   | 1,575  | Balance of county              | 178     | 80     |
| Balance of county        | 526    | 429    | Lowell                    | 3,083   | 1,371  | Dickinson                      | 710     | 268    |
| Garrett                  | 306    | 159    | Somerville                | 1,621   | 941    | Iron Mountain                  | 489     | 121    |
| Harford                  | 1,450  | 391    | Arlington (town)          | 404     | 312    | Balance of county              | 221     | 147    |
| White                    | 1,285  | 329    | Belmont (town)            | 4       | 165    | Eston                          | 483     | 322    |
| Nonwhite                 | 165    | 62     | Everett                   | 1,047   | 323    | Emmet                          | 636     | 279    |
| Howard                   | 160    | 140    | Malden                    | 1,349   | 580    | Genesee                        | 7,047   | 1,983  |
| White                    | 96     | 108    | Medford                   | 1,003   | 436    | Flint                          | 6,725   | 1,447  |
| Nonwhite                 | 64     | 32     | Melrose                   | 721     | 320    | Balance of county              | 322     | 516    |
| Kent                     | 345    | 168    | Newton                    | 1,481   | 717    | Gladwin                        | 261     | 70     |
| White                    | 267    | 123    | Waltham                   | 1,594   | 512    | Gogebic                        | 767     | 336    |
| Nonwhite                 | 78     | 45     | Watertown (town)          | 7       | 167    | Ironwood                       | 294     | 119    |
| Montgomery               | 3,632  | 1,182  | Framingham (town)         | 1,187   | 548    | Balance of county              | 475     | 217    |
| White                    | 3,343  | 1,018  | Lexington (town)          | 3       | 270    | Grand Traverse                 | 1,014   | 539    |
| Nonwhite                 | 289    | 164    | Marlborough               | 476     | 197    | Traverse City                  | 952     | 221    |
| Prince Georges           | 1,476  | 941    | Natick (town)             | 424     | 171    | Balance of county              | 82      | 392    |
| White                    | 1,322  | 760    | Reading (town)            | 2       | 120    | Gratiot                        | 851     | 392    |
| Nonwhite                 | 154    | 181    | Stonesham (town)          | 618     | 144    | Hillsdale                      | 522     | 336    |
| Queen Amee               | 142    | 117    | Wakefield (town)          | 5       | 95     | Houghton                       | 1,003   | 591    |
| White                    | 74     | 79     | Winchester (town)         | 1,033   | 137    | Huron                          | 840     | 283    |
| Nonwhite                 | 68     | 38     |                           |         |        |                                |         |        |

<sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.  
<sup>4</sup>Statistical transcripts for the 2,361 births that occurred in the city of Lynn were received at the National Office of Vital Statistics after tabulations were completed.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948.—Continued

(See heading on p. 28)

| AREA AND RACE             | Births | Deaths | AREA AND RACE             | Births | Deaths | AREA AND RACE              | Births | Deaths |
|---------------------------|--------|--------|---------------------------|--------|--------|----------------------------|--------|--------|
| <b>MICHIGAN—Continued</b> |        |        | <b>MICHIGAN—Continued</b> |        |        | <b>MINNESOTA—Continued</b> |        |        |
| Ingham                    | 5,290  | 1,465  | Wayne—Continued           |        |        | Ramsey                     | 10,130 | 3,596  |
| Lansing                   | 4,920  | 1,054  | Ecorse                    | 74     | 51     | St. Paul                   | 10,121 | 3,440  |
| Balance of county         | 370    | 411    | White                     | 20     | 41     | Balance of county          | 9      | 156    |
| Ionia                     | 623    | 396    | Nonwhite                  | 54     | 10     | Red Lake                   | 2      | 26     |
| Iosco                     | 124    | 82     | Grosse Pointe Park        | 1      | 69     | Redwood                    | 542    | 143    |
| Iron                      | 451    | 170    | Lincoln Park              | 16     | 50     | Renville                   | 47     | 118    |
| Isabella                  | 789    | 238    | River Rouge               | 313    | 99     | Rice                       | 971    | 335    |
| Jackson                   | 2,712  | 1,170  | White                     | 25     | 53     | Faribault                  | 626    | 200    |
| Jackson                   | 2,640  | 610    | Nonwhite                  | 260    | 46     | Balance of county          | 345    | 185    |
| Balance of county         | 72     | 360    | Balance of county         | 3,316  | 3,229  | Rock                       | 281    | 64     |
| Kalamazoo                 | 3,182  | 1,284  | Wexford                   | 654    | 210    | Roseau                     | 414    | 142    |
| Kalamazoo                 | 3,048  | 965    |                           |        |        | St. Louis                  | 4,853  | 2,165  |
| Balance of county         | 133    | 319    | <b>MINNESOTA</b>          |        |        | Duluth                     | 3,136  | 1,265  |
| Kalkaska                  | 36     | 32     |                           | 72,655 | 27,858 | Hibbing                    | 622    | 230    |
| Kent                      | 7,469  | 2,909  | White                     | 71,916 | 27,493 | Virginia                   | 660    | 179    |
| Grand Rapids              | 5,626  | 1,900  | Nonwhite                  | 749    | 365    | Balance of county          | 535    | 491    |
| Balance of county         | 1,643  | 1,009  | Aitkin                    | 215    | 77     | Scott                      | 284    | 109    |
| Keeweenaw                 | -      | 27     | Anoka                     | 210    | 213    | Sherburne                  | 72     | 66     |
| Lake                      | 31     | 37     | Becker                    | 635    | 219    | St. Cloud (part)           | 1      | 14     |
| White                     | 16     | 22     | Beltrami                  | 756    | 240    | Balance of county          | 71     | 52     |
| Nonwhite                  | 15     | 15     | Benton                    | 14     | 56     | Sibley                     | 198    | 95     |
| Lapeer                    | 491    | 520    | St. Cloud (part)          | 1      | 7      | Stearns                    | 2,742  | 651    |
| Leelanau                  | 9      | 62     | Balance of county         | 13     | 49     | St. Cloud (part)           | 2,075  | 350    |
| Lemare                    | 1,657  | 616    | Big Stone                 | 442    | 105    | St. Cloud (total)          | 2,077  | 371    |
| Adrian                    | 947    | 223    | Bliss Earth               | 1,160  | 398    | Balance of county          | 687    | 301    |
| Balance of county         | 910    | 395    | Marquette                 | 1,150  | 298    | Steele                     | 545    | 145    |
| Livingston                | 450    | 322    | Balance of county         | 10     | 90     | Stevens                    | 315    | 92     |
| Luce                      | 244    | 241    | Brown                     | 1,131  | 333    | Swift                      | 380    | 104    |
| Mackinac                  | 89     | 62     | Carlton                   | 641    | 300    | Todd                       | 562    | 196    |
| Macomb                    | 2,600  | 1,031  | Carver                    | 367    | 162    | Traverse                   | 111    | 30     |
| Mount Clemens             | 2,310  | 582    | Cass                      | 277    | 174    | Wabasha                    | 469    | 172    |
| St. Clair Shores          | 15     | 70     | Chippewa                  | 384    | 132    | Wadena                     | 491    | 125    |
| Balance of county         | 275    | 579    | Chisago                   | 247    | 130    | Waseca                     | 324    | 122    |
| Manistee                  | 399    | 179    | Clay                      | 471    | 218    | Washington                 | 423    | 238    |
| Marquette                 | 1,190  | 527    | Clearwater                | 212    | 69     | Watsonwan                  | 288    | 96     |
| Marquette                 | 749    | 242    | Cook                      | 3      | 21     | Wilkin                     | 629    | 152    |
| Balance of county         | 441    | 285    | White                     | 3      | 21     | Winona                     | 960    | 342    |
| Mason                     | 441    | 201    | Nonwhite                  | -      | -      | Winona                     | 843    | 288    |
| Mecosta                   | 364    | 215    | Cottonwood                | 402    | 116    | Balance of county          | 17     | 74     |
| Mendocino                 | 680    | 262    | Crow Wing                 | 959    | 351    | Wright                     | 288    | 212    |
| Menominee                 | 537    | 151    | Brainerd                  | 717    | 226    | Yellow Medicine            | 572    | 152    |
| Balance of county         | 143    | 111    | Balance of county         | 221    | 125    |                            |        |        |
| Midland                   | 916    | 208    | Dakota                    | 305    | 348    | <b>MISSISSIPPI</b>         |        |        |
| Midland                   | 868    | 125    | South St. Paul            | -      | 57     | White                      | 30,165 | 9,235  |
| Balance of county         | 48     | 83     | Balance of county         | 305    | 281    | Nonwhite                   | 35,558 | 10,608 |
| Missaukee                 | 74     | 49     | Dodge                     | 123    | 87     | Adams                      | 1,057  | 397    |
| Monroe                    | 1,534  | 526    | Douglas                   | 546    | 187    | White                      | 504    | 128    |
| Monroe                    | 1,467  | 264    | Faribault                 | 396    | 180    | Nonwhite                   | 553    | 269    |
| Balance of county         | 67     | 262    | Fillmore                  | 405    | 167    | Natchez                    | 498    | 224    |
| Montcalm                  | 1,016  | 329    | Freeborn                  | 1,084  | 286    | White                      | 367    | 93     |
| Montmorency               | 23     | 36     | Albert Lea                | 1,069  | 196    | Nonwhite                   | 151    | 151    |
| Muskegon                  | 3,406  | 1,008  | Balance of county         | 25     | 90     | Balance of county          | 559    | 173    |
| Muskegon                  | 3,363  | 699    | Goodhue                   | 817    | 360    | White                      | 137    | 35     |
| Muskegon Heights          | 8      | 69     | Grant                     | 15     | 51     | Nonwhite                   | 422    | 159    |
| Balance of county         | 37     | 240    | Hemphill                  | 17,316 | 6,517  | Alcorn                     | 775    | 246    |
| Newaygo                   | 607    | 241    | Minnepolis                | 17,097 | 5,583  | White                      | 657    | 190    |
| Oakland                   | 5,636  | 2,276  | Balance of county         | 219    | 934    | Nonwhite                   | 118    | 56     |
| Pontiac                   | 4,447  | 1,023  | Houston                   | 211    | 99     | Amite                      | 419    | 132    |
| Royal Oak                 | 443    | 176    | Hubbard                   | 336    | 114    | White                      | 57     | 54     |
| Birmingham                | 3      | 42     | Isanti                    | 140    | 154    | Nonwhite                   | 362    | 78     |
| Ferndale                  | 354    | 86     | Itasca                    | 953    | 293    | Attala                     | 869    | 248    |
| Balance of county         | 611    | 949    | Jackson                   | 274    | 127    | White                      | 478    | 137    |
| Oceana                    | 421    | 174    | Kanabec                   | 269    | 89     | Nonwhite                   | 391    | 111    |
| Ogemaw                    | 305    | 117    | Kandiyohi                 | 837    | 329    | Benton                     | 187    | 53     |
| Ontonagon                 | 174    | 113    | Kittson                   | 200    | 74     | White                      | 54     | 24     |
| Oscoda                    | 428    | 172    | Koochiching               | 448    | 133    | Nonwhite                   | 135    | 29     |
| Oscoda                    | 13     | 28     | Lac qui Parle             | 229    | 106    | Bolivar                    | 2,278  | 722    |
| Otsego                    | 21     | 40     | Lake                      | 107    | 90     | White                      | 584    | 148    |
| Ottawa                    | 1,771  | 585    | Lake of the Woods         | 85     | 26     | Nonwhite                   | 1,694  | 574    |
| Holland                   | 773    | 194    | Le Sueur                  | 310    | 153    | Calhoun                    | 593    | 128    |
| Balance of county         | 998    | 391    | Lincoln                   | 416    | 116    | White                      | 425    | 89     |
| Presque Isle              | 146    | 71     | Lyon                      | 722    | 196    | Nonwhite                   | 169    | 39     |
| Roscommon                 | 25     | 38     | McLeod                    | 778    | 214    | Carroll                    | 352    | 99     |
| Saginaw                   | 4,074  | 1,337  | Mahomet                   | 140    | 40     | White                      | 51     | 45     |
| Saginaw                   | 3,965  | 1,053  | White                     | 135    | 36     | Nonwhite                   | 301    | 56     |
| Balance of county         | 109    | 284    | Nonwhite                  | 5      | 4      | Chickasaw                  | 601    | 202    |
| St. Clair                 | 2,074  | 881    | Marshall                  | 273    | 86     | White                      | 290    | 117    |
| Fort Huron                | 1,502  | 464    | Martin                    | 635    | 196    | Nonwhite                   | 311    | 85     |
| Balance of county         | 572    | 417    | Meeker                    | 366    | 173    | Choctaw                    | 197    | 76     |
| St. Joseph                | 1,068  | 367    | Mille Lacs                | 394    | 161    | White                      | 88     | 47     |
| Sandiac                   | 702    | 281    | Morrison                  | 713    | 181    | Nonwhite                   | 109    | 29     |
| Schoolcraft               | 280    | 104    | Mower                     | 993    | 298    | Claiborne                  | 285    | 116    |
| Shiawassee                | 1,251  | 471    | Austin                    | 820    | 199    | White                      | 21     | 25     |
| Owosso                    | 981    | 208    | Balance of county         | 73     | 99     | Nonwhite                   | 264    | 91     |
| Balance of county         | 270    | 263    | Murray                    | 301    | 70     | Clarks                     | 525    | 172    |
| Tuscola                   | 617    | 410    | Nicollet                  | 338    | 361    | White                      | 252    | 94     |
| Van Buren                 | 677    | 434    | Nobles                    | 637    | 147    | Nonwhite                   | 273    | 78     |
| Washtenaw                 | 4,280  | 1,829  | Norman                    | 229    | 93     | Clay                       | 585    | 181    |
| Ann Arbor                 | 2,384  | 1,006  | Olmsted                   | 1,531  | 1,137  | White                      | 209    | 65     |
| Ypsilanti                 | 1,733  | 211    | Rochester                 | 1,445  | 1,038  | Nonwhite                   | 376    | 116    |
| White                     | 1,510  | 183    | Balance of county         | 85     | 99     | Cochran                    | 1,514  | 468    |
| Nonwhite                  | 223    | 28     | Otter Tail                | 1,101  | 622    | White                      | 383    | 78     |
| Balance of county         | 163    | 612    | Fergus Falls              | 713    | 375    | Nonwhite                   | 1,131  | 380    |
| Wayne                     | 61,860 | 20,235 | Balance of county         | 588    | 247    | Clarksdale                 | 565    | 135    |
| Detroit                   | 48,998 | 15,008 | Pennington                | 611    | 149    | White                      | 329    | 48     |
| White                     | 40,908 | 12,706 | Pine                      | 164    | 139    | Nonwhite                   | 236    | 87     |
| Nonwhite                  | 8,090  | 2,302  | Pipestone                 | 414    | 113    | Balance of county          | 949    | 323    |
| Dearborn                  | 1,507  | 357    | Polk                      | 905    | 318    | White                      | 84     | 30     |
| Hamtramck                 | 1,098  | 336    | Pope                      | 290    | 106    | Nonwhite                   | 895    | 293    |
| Highland Park             | 4,536  | 629    |                           |        |        |                            |        |        |
| Wyandotte                 | 2,019  | 407    |                           |        |        |                            |        |        |

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.-BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948-Continued

(See headnote on p. 28)

| AREA AND RACE         | Births | Deaths | AREA AND RACE         | Births | Deaths | AREA AND RACE         | Births | Deaths |
|-----------------------|--------|--------|-----------------------|--------|--------|-----------------------|--------|--------|
| MISSISSIPPI-Continued |        |        | MISSISSIPPI-Continued |        |        | MISSISSIPPI-Continued |        |        |
| Copiah                | 810    | 226    | Lauderdale-Continued  |        |        | Sunflower             | 1,695  | 427    |
| White                 | 199    | 95     | Balance of county     | 294    | 158    | White                 | 574    | 91     |
| Nonwhite              | 612    | 131    | White                 | 47     | 79     | Nonwhite              | 1,321  | 336    |
| Covington             | 261    | 97     | Nonwhite              | 247    | 79     | Tallahatchie          | 1,080  | 245    |
| White                 | 88     | 56     | Lawrence              | 304    | 98     | White                 | 251    | 69     |
| Nonwhite              | 173    | 41     | White                 | 115    | 46     | Nonwhite              | 779    | 176    |
| De Soto               | 715    | 171    | Nonwhite              | 189    | 42     | Tate                  | 495    | 119    |
| White                 | 104    | 40     | Leake                 | 490    | 141    | White                 | 74     | 39     |
| Nonwhite              | 611    | 131    | White                 | 148    | 72     | Nonwhite              | 421    | 80     |
| Forrest               | 1,532  | 409    | Nonwhite              | 342    | 69     | Tippah                | 586    | 110    |
| White                 | 1,114  | 275    | Lee                   | 1,149  | 348    | White                 | 458    | 88     |
| Nonwhite              | 418    | 134    | White                 | 809    | 238    | Nonwhite              | 128    | 22     |
| Hattiesburg           | 1,415  | 329    | Nonwhite              | 340    | 110    | Tishomingo            | 319    | 80     |
| White                 | 1,088  | 228    | Leflore               | 1,857  | 544    | Tunica                | 578    | 199    |
| Nonwhite              | 327    | 102    | White                 | 576    | 130    | White                 | 63     | 21     |
| Balance of county     | 117    | 81     | Nonwhite              | 1,281  | 414    | Nonwhite              | 615    | 177    |
| White                 | 26     | 49     | Greenwood             | 745    | 246    | Union                 | 594    | 151    |
| Nonwhite              | 91     | 32     | White                 | 510    | 96     | White                 | 462    | 115    |
| Franklin              | 210    | 62     | Nonwhite              | 235    | 152    | Nonwhite              | 132    | 36     |
| White                 | 79     | 28     | Balance of county     | 1,112  | 296    | Walthall              | 750    | 133    |
| Nonwhite              | 131    | 34     | White                 | 66     | 34     | White                 | 430    | 70     |
| George                | 258    | 55     | Nonwhite              | 1,046  | 262    | Nonwhite              | 320    | 63     |
| White                 | 216    | 45     | Lincoln               | 948    | 279    | Warren                | 1,297  | 623    |
| Nonwhite              | 42     | 10     | White                 | 573    | 152    | White                 | 892    | 235    |
| Greene                | 200    | 47     | Nonwhite              | 375    | 127    | Nonwhite              | 805    | 398    |
| White                 | 124    | 33     | Lowndes               | 1,122  | 379    | Balance of county     | 1,163  | 528    |
| Nonwhite              | 76     | 14     | White                 | 500    | 159    | White                 | 686    | 216    |
| Grenada               | 624    | 201    | Nonwhite              | 622    | 220    | Nonwhite              | 477    | 310    |
| White                 | 312    | 94     | Columbus              | 680    | 240    | Balance of county     | 134    | 97     |
| Nonwhite              | 312    | 107    | White                 | 417    | 119    | White                 | 6      | 19     |
| Hancock               | 281    | 109    | Nonwhite              | 263    | 121    | Nonwhite              | 128    | 78     |
| White                 | 232    | 89     | Balance of county     | 442    | 139    | Washington            | 2,196  | 815    |
| Nonwhite              | 49     | 20     | White                 | 85     | 40     | White                 | 850    | 214    |
| Harrison              | 2,416  | 657    | Nonwhite              | 359    | 99     | Nonwhite              | 1,546  | 601    |
| White                 | 2,007  | 495    | Madison               | 1,192  | 350    | Balance of county     | 985    | 441    |
| Nonwhite              | 409    | 162    | White                 | 188    | 100    | White                 | 474    | 147    |
| Hiloxi                | 1,426  | 251    | Nonwhite              | 1,004  | 250    | Nonwhite              | 511    | 294    |
| White                 | 1,280  | 231    | Marion                | 675    | 192    | Balance of county     | 1,211  | 374    |
| Nonwhite              | 146    | 40     | White                 | 374    | 108    | White                 | 176    | 67     |
| Gulfport              | 803    | 242    | Nonwhite              | 301    | 84     | Nonwhite              | 1,035  | 307    |
| White                 | 657    | 170    | Marshall              | 837    | 222    | Wayne                 | 497    | 106    |
| Nonwhite              | 146    | 72     | White                 | 123    | 70     | White                 | 283    | 51     |
| Balance of county     | 187    | 164    | Nonwhite              | 714    | 152    | Nonwhite              | 254    | 55     |
| White                 | 70     | 114    | Monroe                | 1,157  | 323    | Webster               | 236    | 80     |
| Nonwhite              | 117    | 50     | White                 | 640    | 176    | White                 | 150    | 61     |
| Hinds                 | 4,272  | 1,468  | Nonwhite              | 517    | 147    | Nonwhite              | 86     | 19     |
| White                 | 2,106  | 701    | Montgomery            | 396    | 163    | Wilkinson             | 573    | 172    |
| Nonwhite              | 2,166  | 767    | White                 | 176    | 96     | White                 | 175    | 48     |
| Jackson               | 3,159  | 1,033  | Nonwhite              | 220    | 67     | Nonwhite              | 399    | 124    |
| White                 | 2,044  | 556    | Neshoba               | 677    | 155    | Winston               | 767    | 190    |
| Nonwhite              | 1,114  | 477    | White                 | 402    | 100    | White                 | 393    | 96     |
| Balance of county     | 1,114  | 435    | Nonwhite              | 275    | 55     | Nonwhite              | 374    | 84     |
| White                 | 62     | 145    | Newton                | 765    | 201    | Yalobusha             | 407    | 139    |
| Nonwhite              | 1,052  | 290    | White                 | 499    | 122    | White                 | 159    | 73     |
| Holmes                | 1,106  | 347    | Nonwhite              | 266    | 79     | Nonwhite              | 248    | 66     |
| White                 | 159    | 86     | Noxubee               | 704    | 234    | Yazoo                 | 1,135  | 418    |
| Nonwhite              | 947    | 261    | White                 | 120    | 60     | White                 | 366    | 128    |
| Humphreys             | 794    | 193    | Nonwhite              | 584    | 174    | Nonwhite              | 769    | 290    |
| White                 | 115    | 36     | Oktibbeha             | 776    | 180    | MISSOURI              |        |        |
| Nonwhite              | 679    | 157    | White                 | 333    | 91     |                       |        |        |
| Issaquena             | 110    | 48     | Nonwhite              | 443    | 89     | White                 | 79,173 | 36,539 |
| White                 | 11     | 11     | Panola                | 981    | 265    | Nonwhite              | 7,850  | 4,353  |
| Nonwhite              | 99     | 37     | White                 | 322    | 94     | Adair                 | 765    | 380    |
| Itavamba              | 313    | 93     | Nonwhite              | 659    | 171    | Balance of county     | 699    | 316    |
| White                 | 611    | 178    | Pearl River           | 666    | 149    | Andrew                | 86     | 62     |
| Nonwhite              | 209    | 59     | White                 | 522    | 109    | Atchison              | 31     | 108    |
| Jasper                | 521    | 129    | Nonwhite              | 144    | 40     | Audrain               | 17     | 56     |
| White                 | 181    | 70     | Perry                 | 201    | 60     | Barry                 | 698    | 249    |
| Nonwhite              | 340    | 59     | White                 | 108    | 34     | Barton                | 594    | 215    |
| Jefferson             | 241    | 114    | Nonwhite              | 93     | 26     | Bates                 | 234    | 128    |
| White                 | 13     | 21     | Pike                  | 1,254  | 360    | Benton                | 285    | 213    |
| Nonwhite              | 223    | 93     | White                 | 673    | 202    | Bollinger             | 119    | 74     |
| Jefferson Davis       | 435    | 101    | Nonwhite              | 581    | 158    | Boone                 | 113    | 84     |
| White                 | 180    | 34     | Fontotot              | 451    | 147    | Columbia              | 870    | 403    |
| Nonwhite              | 315    | 67     | White                 | 341    | 111    | White                 | 809    | 281    |
| Jones                 | 1,951  | 530    | Nonwhite              | 110    | 36     | Nonwhite              | 751    | 239    |
| White                 | 1,378  | 338    | Prentiss              | 724    | 162    | Balance of county     | 59     | 42     |
| Nonwhite              | 573    | 192    | White                 | 646    | 141    | White                 | 61     | 122    |
| Laurel                | 1,736  | 571    | Nonwhite              | 78     | 21     | Buchanan              | 2,347  | 1,432  |
| White                 | 1,266  | 227    | Quitman               | 989    | 212    | St. Joseph            | 2,313  | 1,350  |
| Nonwhite              | 470    | 144    | White                 | 332    | 58     | Balance of county     | 34     | 102    |
| Balance of county     | 215    | 159    | Nonwhite              | 557    | 154    | Butler                | 1,455  | 426    |
| White                 | 112    | 111    | Reukin                | 617    | 192    | Balance of county     | 1,168  | 295    |
| Nonwhite              | 103    | 49     | White                 | 171    | 192    | Caldwell              | 287    | 131    |
| Kemper                | 456    | 121    | Nonwhite              | 446    | 309    | Callaway              | 142    | 112    |
| White                 | 51     | 48     | Scott                 | 631    | 164    | White                 | 343    | 406    |
| Nonwhite              | 405    | 73     | White                 | 248    | 83     | Nonwhite              | 306    | 344    |
| Lafayette             | 692    | 213    | Nonwhite              | 383    | 81     | Camden                | 37     | 62     |
| White                 | 389    | 107    | Sharkey               | 436    | 113    | Cape Girardeau        | 100    | 47     |
| Nonwhite              | 303    | 106    | White                 | 62     | 24     | Cape Girardeau        | 1,718  | 513    |
| Lamar                 | 205    | 67     | Nonwhite              | 374    | 89     | Balance of county     | 1,645  | 393    |
| White                 | 127    | 50     | Simpson               | 708    | 187    | Carroll               | 75     | 130    |
| Nonwhite              | 78     | 17     | White                 | 420    | 110    | Cartier               | 324    | 191    |
| Lauderdale            | 2,022  | 666    | Nonwhite              | 298    | 77     | Cass                  | 48     | 31     |
| White                 | 1,199  | 528    | Smith                 | 304    | 97     | Cedar                 | 271    | 215    |
| Nonwhite              | 823    | 340    | White                 | 195    | 75     | Chariton              | 126    | 113    |
| Meridian              | 1,728  | 708    | Nonwhite              | 111    | 22     | Christian             | 101    | 150    |
| White                 | 1,152  | 447    | Stone                 | 111    | 40     |                       | 140    | 113    |
| Nonwhite              | 576    | 261    | White                 | 24     | 28     |                       |        |        |
|                       |        |        | Nonwhite              | 51     | 12     |                       |        |        |

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE             | Births | Deaths | AREA AND RACE             | Births | Deaths | AREA AND RACE                    | Births | Deaths |
|---------------------------|--------|--------|---------------------------|--------|--------|----------------------------------|--------|--------|
| <b>MISSOURI—Continued</b> |        |        | <b>MISSOURI—Continued</b> |        |        | <b>MONTANA—Continued</b>         |        |        |
| Clark                     | 39     | 61     | Reynolds                  | 117    | 52     | Richland                         | 346    | 67     |
| Clay                      | 579    | 416    | Ripley                    | 286    | 96     | Roosevelt                        | 311    | 102    |
| Clinton                   | 126    | 121    | St. Charles               | 841    | 350    | White                            | 189    | 67     |
| Cole                      | 859    | 542    | St. Charles               | 801    | 216    | Nonwhite                         | 122    | 35     |
| Jefferson City            | 895    | 273    | Balance of county         | 40     | 114    | Rosebud                          | 115    | 54     |
| Balance of county         | 464    | 69     | St. Clair                 | 139    | 118    | White                            | 94     | 41     |
| Cooper                    | 433    | 257    | St. Francois              | 854    | 404    | Nonwhite                         | 21     | 13     |
| White                     | 28     | 37     | St. Louis                 | 3,806  | 2,858  | Sanders                          | 49     | 52     |
| Nonwhite                  | 132    | 84     | University City           | 142    | 5      | Sheridan                         | 120    | 52     |
| Crawford                  | 151    | 85     | Clayton                   | 559    | 379    | Silver Bow                       | 1,066  | 52     |
| Dade                      | 156    | 87     | Kirkwood                  | 10     | 150    | Butte                            | 1,069  | 505    |
| Dallas                    | 156    | 87     | Maplewood                 | 2      | 65     | Balance of county                | 17     | 149    |
| Davies                    | 118    | 114    | Richmond Heights          | 2,789  | 350    | Stillwater                       | 73     | 36     |
| De Kalb                   | 227    | 75     | Webster Groves            | 428    | 98     | Sweet Grass                      | 18     | 30     |
| Dent                      | 185    | 69     | Balance of county         | 25,824 | 11,453 | Teton                            | 8      | 25     |
| Douglas                   | 1,153  | 321    | St. Louis (city)          | 21,000 | 9,314  | Toole                            | 113    | 53     |
| Dunklin                   | 1,053  | 345    | White                     | 4,824  | 2,119  | Treasure                         | 6      | 2      |
| Franklin                  | 1,224  | 357    | Nonwhite                  | 174    | 74     | Valley                           | 331    | 96     |
| Gasconade                 | 117    | 111    | Sta. Genevieve            | 496    | 358    | Wheatland                        | 4      | 21     |
| Geny                      | 3,267  | 1,352  | Saline                    | 55     | 50     | Wibaux                           | 9      | 5      |
| Greene                    | 2,828  | 1,060  | Schuyler                  | 33     | 66     | Yellowstone                      | 1,879  | 558    |
| Springfield               | 439    | 292    | Scotland                  | 817    | 229    | Billings                         | 1,857  | 469    |
| Balance of county         | 289    | 199    | Scott                     | 118    | 43     | Balance of county                | 22     | 89     |
| Grundy                    | 274    | 134    | Shannon                   | 74     | 105    | Yellowstone National Park (part) | -      | -      |
| Harrison                  | 443    | 269    | Shelby                    | 569    | 177    |                                  |        |        |
| Henry                     | 59     | 45     | Stoddard                  | 105    | 70     | <b>NEBRASKA—</b>                 |        |        |
| Hickory                   | 53     | 96     | Stone                     | 104    | 99     |                                  | 31,079 | 12,541 |
| Holt                      | 144    | 127    | Sullivan                  | 102    | 61     |                                  |        |        |
| Howard                    | 117    | 102    | Taney                     | 300    | 136    | White                            | 30,398 | 12,250 |
| White                     | 27     | 25     | Texas                     | 403    | 461    | Nonwhite                         | 691    | 291    |
| Nonwhite                  | 552    | 215    | Vernon                    | 82     | 89     | Adams                            | 971    | 397    |
| Howell                    | 532    | 115    | Warron                    | 285    | 118    | Hastings                         | 962    | 217    |
| Iron                      | 14,045 | 6,128  | Washington                | 119    | 71     | Balance of county                | 9      | 170    |
| Jackson                   | 12,664 | 5,404  | Wayne                     | 181    | 113    | Antelope                         | 124    | 90     |
| Kansas City               | 11,847 | 4,554  | Webster                   | 48     | 43     | Arthur                           | -      | 2      |
| White                     | 1,017  | 850    | Worth                     | 245    | 137    | Banner                           | 6      | 7      |
| Nonwhite                  | 1,205  | 517    | Wright                    | -      | -      | Blaine                           | 6      | 7      |
| Independence              | 178    | 407    |                           |        |        | Boone                            | 179    | 71     |
| Balance of county         | 2,143  | 1,119  | <b>MONTANA—</b>           |        |        | Box Butte                        | 490    | 123    |
| Jasper                    | 1,445  | 626    |                           | 14,795 | 5,849  | Boyd                             | 129    | 60     |
| Joplin (part)             | 1,445  | 626    | White                     | 14,007 | 5,551  | Brown                            | 174    | 65     |
| Joplin (total)            | 462    | 210    | Nonwhite                  | 788    | 298    | Buffalo                          | 824    | 270    |
| Carthage                  | 236    | 283    | Beaverhead                | 119    | 90     | Burt                             | 138    | 60     |
| Balance of county         | 299    | 283    | Big Horn                  | 295    | 74     | Butler                           | 197    | 84     |
| Jefferson                 | 348    | 227    | White                     | 144    | 33     | Cass                             | 30     | 122    |
| Johnson                   | 130    | 80     | Nonwhite                  | 154    | 41     | Cedar                            | 134    | 67     |
| Knox                      | 459    | 174    | Blaine                    | 129    | 41     | Chase                            | 134    | 40     |
| Laclede                   | 354    | 254    | White                     | 9      | 21     | Cherry                           | 235    | 60     |
| Lafayette                 | 540    | 298    | Nonwhite                  | 120    | 20     | Cheyenne                         | 420    | 77     |
| Lawrence                  | 67     | 78     | Broadwater                | 133    | 41     | Clay                             | 39     | 102    |
| Levy                      | 72     | 121    | Carbon                    | 96     | 74     | Coffey                           | 5      | 43     |
| Lincoln                   | 377    | 238    | Carter                    | 35     | 18     | Cuming                           | 332    | 120    |
| Linn                      | 384    | 197    | Cascade                   | 1,681  | 584    | Custer                           | 378    | 152    |
| Livingston                | 148    | 102    | Great Falls               | 1,680  | 538    | Dakota                           | 4      | 47     |
| McDonald                  | 247    | 231    | Balance of county         | 1      | 46     | Dawes                            | 238    | 113    |
| Macon                     | 155    | 62     | Chouteau                  | 79     | 42     | Dawson                           | 564    | 171    |
| Madison                   | 87     | 56     | Custer                    | 513    | 144    | Deuel                            | 4      | 13     |
| Marion                    | 955    | 447    | Daniels                   | 102    | 28     | Dixon                            | 163    | 80     |
| Hannibal                  | 929    | 385    | Dawson                    | 355    | 83     | Dodge                            | 629    | 250    |
| Balance of county         | 26     | 62     | Deer Lodge                | 358    | 327    | Freemont                         | 577    | 189    |
| Mercer                    | 154    | 85     | Ansconda                  | 357    | 158    | Balance of county                | 52     | 61     |
| Miller                    | 284    | 112    | Balance of county         | 1      | 189    | Douglas                          | 7,394  | 3,040  |
| Mississippi               | 524    | 179    | Ballou                    | 86     | 22     | Omaha                            | 7,384  | 2,923  |
| White                     | 364    | 109    | Fergus                    | 417    | 175    | Nonwhite                         | 6,941  | 2,749  |
| Nonwhite                  | 160    | 70     | Flathead                  | 803    | 289    | Balance of county                | 10     | 174    |
| Monteau                   | 224    | 135    | Gallatin                  | 594    | 166    | Dundy                            | 10     | 117    |
| Monroe                    | 61     | 103    | Garfield                  | 70     | 16     | Fillmore                         | 136    | 40     |
| Montgomery                | 80     | 120    | Glacier                   | 201    | 93     | Franklin                         | 124    | 80     |
| Morgan                    | 104    | 65     | White                     | 133    | 41     | Frontier                         | 36     | 52     |
| New Madrid                | 898    | 224    | Nonwhite                  | 158    | 52     | Furness                          | 60     | 41     |
| White                     | 704    | 174    | Golden Valley             | 1      | 3      | Gage                             | 676    | 318    |
| Nonwhite                  | 194    | 50     | Granite                   | 34     | 29     | Beatrice                         | 601    | 187    |
| Newton                    | 468    | 246    | Hill                      | 625    | 164    | Balance of county                | 75     | 131    |
| Joplin (part)             | -      | 2      | Jefferson                 | 46     | 32     | Garden                           | 125    | 30     |
| Balance of county         | 469    | 244    | Judith Basin              | 12     | 12     | Garfield                         | 125    | 32     |
| Wodaway                   | 767    | 328    | Lake                      | 356    | 155    | Gosper                           | 21     | 15     |
| Oregon                    | 202    | 86     | White                     | 283    | 106    | Grant                            | 5      | 5      |
| Osage                     | 80     | 78     | Nonwhite                  | 83     | 29     | Grealey                          | 100    | 45     |
| Ozark                     | 223    | 54     | Lewis and Clark           | 595    | 259    | Hall                             | 996    | 369    |
| Peniscot                  | 928    | 311    | Holena                    | 531    | 201    | Grand Island                     | 992    | 340    |
| White                     | 676    | 195    | Balance of county         | 4      | 8      | Balance of county                | 14     | 29     |
| Nonwhite                  | 253    | 116    | Liberty                   | 4      | 9      | Hamilton                         | 103    | 69     |
| Perry                     | 194    | 84     | Lincoln                   | 157    | 59     | Harlan                           | 50     | 55     |
| Pettis                    | 736    | 394    | McCook                    | 25     | 3      | Hayes                            | 5      | 7      |
| Sedalia                   | 711    | 311    | Madison                   | 61     | 56     | Hitchcock                        | 67     | 34     |
| Balance of county         | 25     | 83     | Meagher                   | 9      | 12     | Holt                             | 312    | 118    |
| Phelps                    | 237    | 180    | Mineral                   | 28     | 13     | Hooker                           | 16     | 3      |
| Pike                      | 361    | 240    | Miscoula                  | 1,040  | 371    | Howard                           | 124    | 64     |
| White                     | 333    | 219    | Balance of county         | 1,040  | 328    | Jefferson                        | 322    | 135    |
| Nonwhite                  | 28     | 21     | Musselshell               | 77     | 49     | Johnson                          | 119    | 54     |
| Flatte                    | 6      | 109    | Park                      | 280    | 144    | Kearney                          | 144    | 65     |
| Folk                      | 221    | 187    | Petroleum                 | 1      | 4      | Keith                            | 172    | 57     |
| Pulaski                   | 629    | 143    | Phillips                  | 138    | 49     | Keya Paha                        | 1      | 4      |
| Puhamm                    | 133    | 89     | Fondara                   | 226    | 56     | Kimball                          | 114    | 33     |
| Ralls                     | 32     | 52     | Fowler River              | 145    | 8      | Knock                            | 85     | 89     |
| Randolph                  | 535    | 385    | Fowell                    | 50     | 17     | Lancaster                        | 3,100  | 1,354  |
| Woberly                   | 459    | 287    | Frairie                   | 50     | 17     | Lincoln                          | 3,081  | 1,080  |
| Balance of county         | 76     | 98     | Hawaii                    | 108    | 108    | Balance of county                | 9      | 274    |
| Ray                       | 81     | 147    |                           |        |        |                                  |        |        |

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE      | Births | Deaths | AREA AND RACE                  | Births | Deaths | AREA AND RACE                    | Births | Deaths |
|--------------------|--------|--------|--------------------------------|--------|--------|----------------------------------|--------|--------|
| NEBRASKA—Continued |        |        | NEW HAMPSHIRE—Continued        |        |        | NEW JERSEY—Continued             |        |        |
| Lincoln            | 816    | 248    | Grafton                        | 1,581  | 608    | Hudson—Continued                 |        |        |
| North Platte       | 677    | 182    | Hillsborough                   | 5,989  | 1,728  | Bayonne                          | 1,269  | 594    |
| Balance of county  | 139    | 86     | Manchester                     | 2,278  | 823    | Roboken                          | 969    | 733    |
| Logan              | 10     | 7      | Mashua                         | 1,227  | 438    | Keary                            | 495    | 504    |
| Loup               | 1      | 7      | Balance of county              | 484    | 467    | North Bergen (twp.) <sup>2</sup> | 7      | 198    |
| McPherson          | 2      | 5      | Merrimack                      | 1,515  | 1,084  | Union City                       | 24     | 284    |
| Madison            | 1,018  | 358    | Concord                        | 875    | 709    | West New York                    | 12     | 167    |
| Morfolk            | 1,009  | 207    | Balance of county              | 440    | 355    | Harrison                         | 7      | 82     |
| Balance of county  | 9      | 151    | Rockingham                     | 1,478  | 755    | Weehawken (twp.) <sup>2</sup>    | 419    | 362    |
| Merrick            | 150    | 73     | Portsmouth                     | 689    | 233    | Balance of county                | 8      | 470    |
| Morrill            | 75     | 36     | Balance of county              | 789    | 522    | Hamterdon                        | 165    | 371    |
| Nance              | 139    | 48     | Strafford                      | 1,231  | 506    | Mercer                           | 5,765  | 2,628  |
| Nemaha             | 176    | 102    | Dover                          | 452    | 215    | Trenton                          | 5,096  | 1,873  |
| Nuckolls           | 236    | 87     | Rochester                      | 782    | 169    | Balance of county                | 669    | 755    |
| Otoe               | 449    | 167    | Balance of county              | 17     | 122    | Middlesex                        | 5,061  | 2,113  |
| Pawnee             | 124    | 80     | Sullivan                       | 536    | 244    | New Brunswick                    | 2,703  | 605    |
| Perkins            | 69     | 20     | Balance of county              | 395    | 120    | Perth Amboy                      | 1,505  | 523    |
| Phelps             | 369    | 117    | Claremont (town)               | 141    | 124    | Woodbridge (twp.) <sup>2</sup>   | 40     | 160    |
| Pierce             | 375    | 88     | Balance of county              | 141    | 124    | Carteret                         | 21     | 51     |
| Platte             | 767    | 202    |                                |        |        | South River                      | 11     | 53     |
| Polk               | 196    | 80     |                                |        |        | Balance of county                | 781    | 723    |
| Red Willow         | 594    | 165    |                                |        |        | Momouth                          | 4,334  | 2,633  |
| Richardson         | 407    | 162    |                                |        |        | Asbury Park                      | 9      | 111    |
| Rock               | 48     | 19     |                                |        |        | White                            | 4      | 19     |
| Saline             | 151    | 115    |                                |        |        | Nonwhite                         | 5      | 5      |
| Sarpy              | 178    | 55     | Atlantic                       | 2,526  | 1,908  | Long Branch                      | 1,921  | 589    |
| Saunder            | 136    | 130    | White                          | 2,056  | 1,593  | Neptune (twp.) <sup>2</sup>      | 1,302  | 385    |
| Scotts Bluff       | 1,208  | 271    | Nonwhite                       | 470    | 315    | White                            | 1,157  | 344    |
| Scottsbluff        | 1,169  | 211    | Atlantic City                  | 1,688  | 1,100  | Nonwhite                         | 225    | 59     |
| Balance of county  | 39     | 60     | White                          | 1,256  | 875    | Red Bank                         | 457    | 190    |
| Seward             | 262    | 100    | Nonwhite                       | 432    | 225    | White                            | 429    | 158    |
| Sheridan           | 286    | 71     | Pleasantville                  | 64     | 96     | Nonwhite                         | 8      | 52     |
| Sherman            | 227    | 57     | White                          | 65     | 79     | Balance of county                | 585    | 1,420  |
| Sioux              | 2      | 10     | Nonwhite                       | 1      | 17     | Morris                           | 2,423  | 2,017  |
| Stanton            | 11     | 53     | Balance of county              | 774    | 712    | Dover                            | 809    | 242    |
| Thayer             | 141    | 80     | Bergen                         | 5,907  | 3,669  | Morristown                       | 1,550  | 378    |
| Thomas             | 5      | 4      | Garfield                       | 6      | 105    | Balance of county                | 84     | 1,387  |
| Thurston           | 246    | 73     | Hackensack                     | 2,247  | 606    | Oceanic                          | 1,171  | 735    |
| White              | 135    | 47     | White                          | 2,125  | 555    | Passaic                          | 9,335  | 3,541  |
| Nonwhite           | 111    | 26     | Nonwhite                       | 122    | 51     | Paterson                         | 5,335  | 1,913  |
| Valley             | 128    | 63     | Teaneck (twp.) <sup>2</sup>    | 1,679  | 323    | Clifton                          | 10     | 253    |
| Washington         | 175    | 74     | Bergenfield                    | 1      | 71     | Passaic                          | 3,950  | 845    |
| Wayne              | 173    | 75     | Cliffside Park                 | 2      | 86     | Hawthorne                        | 3      | 69     |
| Webster            | 146    | 78     | Englewood                      | 1,840  | 418    | Balance of county                | 37     | 461    |
| Wheeler            | 2      | 9      | White                          | 1,750  | 391    | Balem                            | 765    | 407    |
| York               | 377    | 132    | Nonwhite                       | 80     | 27     | White                            | 615    | 326    |
|                    |        |        | Lyndhurst (twp.) <sup>2</sup>  | 3      | 91     | Nonwhite                         | 152    | 81     |
|                    |        |        | Ridgefield Park                | -      | 74     | Somerset                         | 1,625  | 840    |
|                    |        |        | Ridgewood                      | 2      | 119    | North Plainfield                 | 5      | 68     |
|                    |        |        | Rutherford                     | 3      | 109    | Balance of county                | 1,620  | 772    |
|                    |        |        | Balance of county              | 120    | 1,614  | Sussex                           | 987    | 365    |
|                    |        |        | Burlington                     | 2,127  | 1,178  | Union                            | 8,057  | 3,221  |
|                    |        |        | Burlington                     | 59     | 119    | Elizabeth                        | 3,818  | 1,252  |
|                    |        |        | White                          | 36     | 110    | Plainfield                       | 2,284  | 589    |
|                    |        |        | Nonwhite                       | 23     | 9      | White                            | 2,084  | 519    |
|                    |        |        | Balance of county              | 2,068  | 1,059  | Nonwhite                         | 220    | 70     |
|                    |        |        | Camden                         | 5,979  | 2,888  | Cranford (twp.) <sup>2</sup>     | 8      | 98     |
|                    |        |        | Camden                         | 5,577  | 1,692  | Hillside (twp.) <sup>2</sup>     | 5      | 78     |
|                    |        |        | White                          | 4,788  | 1,488  | Linden                           | 23     | 98     |
|                    |        |        | Nonwhite                       | 789    | 204    | Rahway                           | 812    | 261    |
|                    |        |        | Collingswood                   | 61     | 95     | Roselle                          | 12     | 65     |
|                    |        |        | Gloucester City                | 13     | 64     | White                            | 2      | 59     |
|                    |        |        | Pennsauken (twp.) <sup>2</sup> | 31     | 117    | Nonwhite                         | 10     | 6      |
|                    |        |        | Balance of county              | 297    | 1,020  | Summit                           | 1,061  | 274    |
|                    |        |        | Cape May                       | 357    | 506    | Union (twp.) <sup>2</sup>        | 6      | 141    |
|                    |        |        | Cumberland                     | 2,021  | 1,017  | Westfield                        | 5      | 103    |
|                    |        |        | Bridgeton                      | 912    | 263    | Balance of county                | 23     | 267    |
|                    |        |        | White                          | 714    | 226    | Warren                           | 850    | 611    |
|                    |        |        | Nonwhite                       | 198    | 57     | Phillipsburg                     | 798    | 349    |
|                    |        |        | Millville                      | 401    | 209    | Balance of county                | 72     | 262    |
|                    |        |        | Balance of county              | 708    | 525    |                                  |        |        |
|                    |        |        | Essex                          | 20,176 | 9,127  | NEW MEXICO                       | 20,632 | 5,711  |
|                    |        |        | Newark                         | 13,624 | 5,089  | White                            | 19,327 | 5,155  |
|                    |        |        | White                          | 11,399 | 4,332  | Nonwhite                         | 1,305  | 556    |
|                    |        |        | Nonwhite                       | 2,225  | 757    | Bernalillo                       | 4,229  | 1,146  |
|                    |        |        | Belleville                     | 7      | 178    | Albuquerque                      | 5,115  | 728    |
|                    |        |        | Bloomfield                     | 7      | 236    | Balance of county                | 1,114  | 418    |
|                    |        |        | East Orange                    | 647    | 567    | Catron                           | 47     | 19     |
|                    |        |        | Irvington                      | 696    | 463    | Chaves                           | 1,406  | 296    |
|                    |        |        | Montclair                      | 617    | 362    | Roswell                          | 1,269  | 225    |
|                    |        |        | White                          | 765    | 334    | Balance of county                | 137    | 71     |
|                    |        |        | Nonwhite                       | 52     | 28     | Colfax                           | 589    | 184    |
|                    |        |        | Orange                         | 2,589  | 722    | Curry                            | 849    | 186    |
|                    |        |        | White                          | 2,362  | 642    | Clovis                           | 845    | 160    |
|                    |        |        | Nonwhite                       | 227    | 80     | Balance of county                | 4      | 26     |
|                    |        |        | West Orange                    | 4      | 122    | De Baca                          | 87     | 20     |
|                    |        |        | Maplewood (twp.) <sup>2</sup>  | 1      | 93     | Dona Ana                         | 1,152  | 264    |
|                    |        |        | Millburn (twp.) <sup>2</sup>   | -      | 57     | Eddy                             | 1,389  | 311    |
|                    |        |        | Nutley                         | 2      | 116    | Grant                            | 736    | 224    |
|                    |        |        | South Orange                   | -      | 69     | Guadalupe                        | 208    | 87     |
|                    |        |        | Balance of county              | 1,582  | 1,013  | Harding                          | 73     | 19     |
|                    |        |        | Gloucester                     | 1,525  | 724    | Hidalgo                          | 135    | 54     |
|                    |        |        | Hudson                         | 13,578 | 6,833  | Lee                              | 736    | 137    |
|                    |        |        | Jersey City                    | 10,370 | 3,619  | Hobbs                            | 581    | 86     |
|                    |        |        | White                          | 9,614  | 3,411  | Balance of county                | 155    | 51     |
|                    |        |        | Nonwhite                       | 756    | 208    |                                  |        |        |

<sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE               | Births         | Deaths         | AREA AND RACE                    | Births  | Deaths | AREA AND RACE              | Births         | Deaths        |
|-----------------------------|----------------|----------------|----------------------------------|---------|--------|----------------------------|----------------|---------------|
| <b>NEW MEXICO—Continued</b> |                |                | <b>NEW YORK—Continued</b>        |         |        | <b>NEW YORK—Continued</b>  |                |               |
| Lincoln-----                | 165            | 68             | Madison-----                     | 1,055   | 506    | Westchester—Continued      |                |               |
| Luna-----                   | 270            | 98             | Oneida-----                      | 800     | 221    | Fort Chester-----          | 1,254          | 304           |
| McKinley-----               | 741            | 256            | Balance of county-----           | 255     | 285    | Scarsdale-----             | -              | 49            |
| White-----                  | 402            | 107            | Monroe-----                      | 11,092  | 5,205  | Balance of county-----     | 2,163          | 1,925         |
| Nonwhite-----               | 339            | 149            | Rochester-----                   | 10,760  | 4,045  | Wyoming-----               | 521            | 323           |
| More-----                   | 262            | 83             | Irondequoit (town)-----          | 1       | 95     | Yates-----                 | 316            | 204           |
| Otero-----                  | 356            | 103            | Balance of county-----           | 311     | 1,065  | <b>NORTH CAROLINA-----</b> | <b>109,605</b> | <b>30,147</b> |
| Quay-----                   | 361            | 140            | Montgomery-----                  | 1,170   | 562    | White-----                 | 74,776         | 19,903        |
| Rio Arriba-----             | 922            | 244            | Amsterdam-----                   | 1,151   | 461    | Nonwhite-----              | 34,829         | 10,244        |
| Roosevelt-----              | 311            | 89             | Balance of county-----           | 19      | 201    | Alamance-----              | 1,715          | 547           |
| Sandoval-----               | 590            | 120            | Nassau-----                      | 9,789   | 4,194  | White-----                 | 1,259          | 284           |
| White-----                  | 486            | 84             | Floral Park-----                 | 318     | 94     | Nonwhite-----              | 456            | 63            |
| Nonwhite-----               | 104            | 36             | Freeport-----                    | 518     | 151    | Burlington-----            | 924            | 118           |
| San Juan-----               | 455            | 185            | Garden City-----                 | -       | 92     | Balance of county-----     | 791            | 229           |
| White-----                  | 226            | 63             | Glen Cove-----                   | 926     | 223    | White-----                 | 425            | 179           |
| Nonwhite-----               | 229            | 122            | Hempstead-----                   | 3       | 132    | Nonwhite-----              | 368            | 50            |
| San Miguel-----             | 1,085          | 349            | Lynbrook-----                    | 2       | 88     | Alexander-----             | 126            | 72            |
| Santa Fe-----               | 1,385          | 354            | Mineola-----                     | 1,613   | 294    | Alleghany-----             | 102            | 50            |
| Santa Fe-----               | 1,176          | 300            | Rockville Centre-----            | 2,855   | 262    | Anson-----                 | 844            | 220           |
| Balance of county-----      | 209            | 54             | Valley Stream-----               | 5       | 110    | White-----                 | 338            | 114           |
| Sierra-----                 | 125            | 107            | Balance of county-----           | 3,549   | 2,748  | Nonwhite-----              | 506            | 106           |
| Socorro-----                | 322            | 105            | New York City <sup>5</sup> ----- | 157,930 | 61,636 | Ashe-----                  | 659            | 123           |
| Taos-----                   | 508            | 147            | White-----                       | 137,750 | 74,107 | Avery-----                 | 466            | 76            |
| Torrance-----               | 248            | 66             | Nonwhite-----                    | 20,180  | 7,529  | Beaufort-----              | 1,290          | 365           |
| Union-----                  | 216            | 74             | Niagara-----                     | 4,671   | 1,871  | White-----                 | 822            | 206           |
| Valencia-----               | 664            | 196            | Niagara Falls-----               | 2,786   | 789    | Nonwhite-----              | 438            | 159           |
| White-----                  | 599            | 172            | Lockport-----                    | 978     | 361    | Bertie-----                | 748            | 189           |
| Nonwhite-----               | 65             | 24             | North Tonawanda-----             | 875     | 224    | White-----                 | 210            | 69            |
| <b>NEW YORK-----</b>        | <b>302,740</b> | <b>157,766</b> | Balance of county-----           | 15      | 298    | Nonwhite-----              | 538            | 120           |
| White-----                  | 278,169        | 148,105        | Oneida-----                      | 5,117   | 2,890  | Bladen-----                | 663            | 156           |
| Nonwhite-----               | 24,571         | 9,661          | Utica-----                       | 3,562   | 1,546  | White-----                 | 256            | 73            |
| Albany-----                 | 4,888          | 2,955          | Rome-----                        | 1,358   | 588    | Nonwhite-----              | 409            | 83            |
| Albany-----                 | 4,817          | 2,041          | Balance of county-----           | 197     | 761    | Brunswick-----             | 420            | 110           |
| Coches-----                 | 335            | 201            | Onondaga-----                    | 8,089   | 3,394  | White-----                 | 185            | 67            |
| Watervliet-----             | 11             | 112            | Syracuse-----                    | 7,977   | 2,542  | Nonwhite-----              | 235            | 43            |
| Balance of county-----      | 25             | 601            | Balance of county-----           | 112     | 852    | Buncombe-----              | 3,209          | 1,352         |
| Allegany-----               | 919            | 438            | Otario-----                      | 1,548   | 784    | White-----                 | 2,841          | 1,071         |
| Broome-----                 | 4,894          | 1,989          | Genesee-----                     | 629     | 189    | Nonwhite-----              | 568            | 281           |
| Binghamton-----             | 2,403          | 1,200          | Balance of county-----           | 917     | 605    | Asheville-----             | 2,577          | 797           |
| Endicott-----               | 760            | 135            | Orange-----                      | 3,373   | 2,014  | White-----                 | 2,638          | 616           |
| Johnson City-----           | 1,552          | 342            | Newburgh-----                    | 1,001   | 484    | Nonwhite-----              | 359            | 181           |
| Balance of county-----      | 178            | 312            | Middletown-----                  | 776     | 571    | Balance of county-----     | 232            | 555           |
| Cattaraugus-----            | 2,130          | 905            | Balance of county-----           | 1,596   | 949    | Burke-----                 | 1,959          | 409           |
| Olean-----                  | 1,326          | 544            | Orleans-----                     | 634     | 333    | White-----                 | 1,783          | 409           |
| Balance of county-----      | 894            | 561            | Oswego-----                      | 1,546   | 783    | Nonwhite-----              | 1,403          | 318           |
| Cayuga-----                 | 1,633          | 789            | Fulton-----                      | 622     | 160    | Concord-----               | 1,517          | 209           |
| Auburn-----                 | 1,592          | 574            | Oswego-----                      | 770     | 264    | White-----                 | 1,268          | 158           |
| Balance of county-----      | 41             | 215            | Balance of county-----           | 154     | 359    | Nonwhite-----              | 249            | 53            |
| Chautauque-----             | 3,054          | 1,454          | Otsego-----                      | 1,089   | 675    | Balance of county-----     | 135            | 162           |
| Jamestown-----              | 1,861          | 652            | Oneonta-----                     | 586     | 231    | White-----                 | 87             | 36            |
| Dunkirk-----                | 640            | 225            | Balance of county-----           | 503     | 444    | Nonwhite-----              | 222            | 198           |
| Balance of county-----      | 553            | 577            | Putnam-----                      | 923     | 202    | White-----                 | 135            | 162           |
| Chemung-----                | 2,225          | 907            | Rensselaer-----                  | 3,333   | 1,769  | Nonwhite-----              | 87             | 36            |
| Elmira-----                 | 2,215          | 728            | Troy-----                        | 3,215   | 1,246  | Caldwell-----              | 1,233          | 232           |
| Balance of county-----      | 8              | 179            | Rensselaer-----                  | 6       | 103    | Camden-----                | 92             | 35            |
| Chenango-----               | 860            | 452            | Balance of county-----           | 112     | 419    | White-----                 | 28             | 25            |
| Clinton-----                | 1,392          | 598            | Rockland-----                    | 1,677   | 1,186  | Nonwhite-----              | 64             | 10            |
| Plattsburgh-----            | 1,238          | 339            | St. Lawrence-----                | 2,525   | 1,220  | Carteret-----              | 589            | 170           |
| Balance of county-----      | 154            | 260            | Massena-----                     | 531     | 109    | White-----                 | 507            | 156           |
| Columbia-----               | 728            | 595            | Ogdensburg-----                  | 609     | 482    | Nonwhite-----              | 82             | 34            |
| Hudson-----                 | 651            | 269            | Balance of county-----           | 1,385   | 659    | Caswell-----               | 370            | 84            |
| Balance of county-----      | 77             | 327            | Saratoga-----                    | 860     | 890    | White-----                 | 93             | 44            |
| Cortland-----               | 1,111          | 470            | Saratoga Springs-----            | 494     | 277    | Nonwhite-----              | 277            | 40            |
| Cortland-----               | 1,087          | 329            | Balance of county-----           | 366     | 613    | Catawba-----               | 1,847          | 392           |
| Balance of county-----      | 24             | 142            | Schenectady-----                 | 3,330   | 1,385  | White-----                 | 1,685          | 340           |
| Delaware-----               | 1,060          | 533            | Balance of county-----           | 1,697   | 1,045  | Nonwhite-----              | 162            | 52            |
| Dutchess-----               | 2,164          | 2,189          | Schoharie-----                   | 1,433   | 340    | Hickory-----               | 1,146          | 155           |
| Poughkeepsie-----           | 1,074          | 536            | Schuyler-----                    | 336     | 218    | White-----                 | 1,080          | 132           |
| Beacon-----                 | 289            | 165            | Schenectady-----                 | 247     | 169    | Nonwhite-----              | 86             | 23            |
| Balance of county-----      | 851            | 1,407          | Balance of county-----           | 481     | 543    | Balance of county-----     | 701            | 237           |
| Erie-----                   | 19,328         | 9,265          | Steuben-----                     | 2,456   | 1,213  | Chatham-----               | 529            | 177           |
| Buffalo-----                | 16,175         | 7,170          | Coming-----                      | 934     | 251    | White-----                 | 319            | 112           |
| White-----                  | 16,101         | 6,821          | Hornell-----                     | 605     | 217    | Nonwhite-----              | 210            | 65            |
| Nonwhite-----               | 1,074          | 349            | Balance of county-----           | 917     | 745    | Cherokee-----              | 615            | 151           |
| Kenmore-----                | 1              | 83             | Suffolk-----                     | 5,017   | 4,580  | Chowan-----                | 400            | 114           |
| Lackawanna-----             | 1,625          | 332            | Sullivan-----                    | 624     | 585    | White-----                 | 181            | 45            |
| Tonawanda-----              | 3              | 77             | Balance of county-----           | 1,451   | 345    | Nonwhite-----              | 209            | 69            |
| Balance of county-----      | 524            | 1,603          | Tioga-----                       | 1,255   | 526    | Clay-----                  | 67             | 17            |
| Essex-----                  | 1,003          | 493            | Thaca-----                       | 1,239   | 322    | Cleveland-----             | 2,071          | 340           |
| Franklin-----               | 1,003          | 534            | Balance of county-----           | 16      | 204    | White-----                 | 1,536          | 254           |
| Fulton-----                 | 699            | 626            | Ulster-----                      | 1,457   | 1,188  | Nonwhite-----              | 585            | 86            |
| Gloversville-----           | 898            | 409            | Kingston-----                    | 1,084   | 602    | Shelby-----                | 1,273          | 177           |
| Johnstown-----              | 1              | 113            | Balance of county-----           | 573     | 586    | White-----                 | 1,035          | 140           |
| Balance of county-----      | 10             | 104            | Warren-----                      | 1,635   | 643    | Nonwhite-----              | 238            | 37            |
| Genesee-----                | 1,210          | 626            | Glens Falls-----                 | 1,578   | 451    | Balance of county-----     | 798            | 163           |
| Batavia-----                | 1,194          | 413            | Balance of county-----           | 57      | 192    | White-----                 | 471            | 114           |
| Balance of county-----      | 16             | 213            | Washington-----                  | 535     | 512    | Nonwhite-----              | 327            | 49            |
| Greene-----                 | 531            | 379            | Wayne-----                       | 811     | 620    | Columbus-----              | 1,395          | 351           |
| Hamilton-----               | 8              | 55             | Westchester-----                 | 11,690  | 5,926  | White-----                 | 841            | 227           |
| Herkimer-----               | 1,464          | 721            | Yonkers-----                     | 3,110   | 1,401  | Nonwhite-----              | 554            | 124           |
| Little Falls-----           | 593            | 196            | Mount Vernon-----                | 1,453   | 696    | Craven-----                | 1,305          | 350           |
| Balance of county-----      | 876            | 525            | New Rochelle-----                | 1,392   | 634    | White-----                 | 818            | 194           |
| Jefferson-----              | 2,126          | 1,062          | White-----                       | 1,213   | 573    | Nonwhite-----              | 487            | 201           |
| Watertown-----              | 1,533          | 577            | Nonwhite-----                    | 169     | 61     | New Bern-----              | 723            | 85            |
| Balance of county-----      | 593            | 485            | White Plains-----                | 1,578   | 527    | White-----                 | 452            | 85            |
| Lewis-----                  | 440            | 240            | Mamaroneck-----                  | 2       | 66     | Nonwhite-----              | 271            | 118           |
| Livingston-----             | 411            | 459            | Balance of county-----           | 346     | 195    | Balance of county-----     | 562            | 149           |
|                             |                |                | Osening-----                     | 25      | 18     | White-----                 | 356            | 73            |
|                             |                |                | Peekskill-----                   | 577     | 221    | Nonwhite-----              | 216            | 76            |

<sup>5</sup>Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued.

(See headnote on p. 28)

| AREA AND RACE            | Births | Deaths | AREA AND RACE            | Births | Deaths | AREA AND RACE            | Births | Deaths |
|--------------------------|--------|--------|--------------------------|--------|--------|--------------------------|--------|--------|
| NORTH CAROLINA—Continued |        |        | NORTH CAROLINA—Continued |        |        | NORTH CAROLINA—Continued |        |        |
| Cumberland-----          | 3,047  | 756    | Hoke-----                | 364    | 205    | Pender-----              | 379    | 112    |
| White-----               | 2,175  | 477    | White-----               | 75     | 55     | White-----               | 117    | 50     |
| Nonwhite---              | 874    | 279    | Nonwhite---              | 289    | 150    | Nonwhite---              | 262    | 62     |
| Fayetteville-----        | 1,385  | 495    | Hyde-----                | 51     | 20     | Perquimans-----          | 199    | 72     |
| White-----               | 942    | 318    | White-----               | 7      | 31     | White-----               | 44     | 32     |
| Nonwhite---              | 441    | 177    | Nonwhite---              | 99     | 20     | Nonwhite---              | 155    | 40     |
| Balance of county-----   | 1,664  | 261    | Iredell-----             | 2,110  | 492    | Person-----              | 696    | 115    |
| White-----               | 1,231  | 159    | White-----               | 1,715  | 382    | White-----               | 389    | 75     |
| Nonwhite---              | 433    | 102    | Nonwhite---              | 395    | 110    | Nonwhite---              | 307    | 40     |
| Currituck-----           | 89     | 48     | Statesville-----         | 1,177  | 251    | Pitt-----                | 1,779  | 446    |
| White-----               | 39     | 26     | White-----               | 1,040  | 200    | White-----               | 759    | 187    |
| Nonwhite---              | 50     | 22     | Nonwhite---              | 137    | 51     | Nonwhite---              | 1,040  | 259    |
| Dare-----                | 56     | 34     | Balance of county-----   | 935    | 241    | Greenville-----          | 845    | 192    |
| Davidson-----            | 1,402  | 353    | White-----               | 675    | 182    | White-----               | 487    | 95     |
| White-----               | 1,245  | 298    | Nonwhite---              | 258    | 59     | Nonwhite---              | 358    | 99     |
| Nonwhite---              | 159    | 55     | Jackson-----             | 474    | 136    | Balance of county-----   | 854    | 254    |
| Lexington-----           | 722    | 128    | Johnston-----            | 1,396  | 360    | White-----               | 252    | 84     |
| White-----               | 645    | 103    | White-----               | 935    | 261    | Nonwhite---              | 682    | 180    |
| Nonwhite---              | 77     | 25     | Nonwhite---              | 461    | 99     | Polk-----                | 255    | 87     |
| Thomasville-----         | 457    | 79     | James-----               | 164    | 49     | White-----               | 211    | 75     |
| White-----               | 413    | 63     | White-----               | 35     | 26     | Nonwhite---              | 44     | 34     |
| Nonwhite---              | 44     | 16     | Nonwhite---              | 129    | 23     | Randolph-----            | 1,120  | 318    |
| Balance of county-----   | 223    | 146    | Lee-----                 | 916    | 190    | Richmond-----            | 1,025  | 288    |
| White-----               | 155    | 61     | White-----               | 671    | 140    | White-----               | 659    | 187    |
| Nonwhite---              | 112    | 66     | Nonwhite---              | 245    | 50     | Nonwhite---              | 366    | 101    |
| Davie-----               | 43     | 15     | Lenoir-----              | 1,940  | 478    | Robeson-----             | 2,848  | 620    |
| White-----               | 935    | 259    | White-----               | 1,202  | 267    | White-----               | 1,077  | 266    |
| Nonwhite---              | 416    | 159    | Nonwhite---              | 738    | 211    | Nonwhite---              | 1,771  | 354    |
| Duplin-----              | 519    | 100    | Kinston-----             | 1,502  | 327    | Rockingham-----          | 1,722  | 468    |
| Durham-----              | 3,545  | 1,209  | White-----               | 1,152  | 195    | White-----               | 1,290  | 350    |
| White-----               | 2,401  | 790    | Nonwhite---              | 350    | 132    | Nonwhite---              | 432    | 158    |
| Nonwhite---              | 1,144  | 419    | Balance of county-----   | 438    | 151    | Reidsville-----          | 795    | 190    |
| Durham-----              | 3,483  | 1,062  | White-----               | 50     | 72     | White-----               | 590    | 115    |
| White-----               | 2,304  | 690    | Nonwhite---              | 388    | 79     | Nonwhite---              | 208    | 77     |
| Nonwhite---              | 1,099  | 372    | Lincoln-----             | 798    | 171    | Balance of county-----   | 927    | 278    |
| Balance of county-----   | 62     | 147    | White-----               | 681    | 143    | White-----               | 700    | 217    |
| White-----               | 17     | 100    | Nonwhite---              | 117    | 28     | Nonwhite---              | 227    | 61     |
| Nonwhite---              | 45     | 47     | McDowell-----            | 749    | 147    | Rowan-----               | 1,497  | 502    |
| Edgecombe-----           | 1,487  | 415    | Macon-----               | 423    | 121    | White-----               | 1,169  | 361    |
| White-----               | 549    | 167    | Madison-----             | 319    | 103    | Nonwhite---              | 328    | 121    |
| Nonwhite---              | 938    | 248    | Martin-----              | 721    | 194    | Salisbury-----           | 1,253  | 277    |
| Rocky Mount (part)-----  | 375    | 97     | White-----               | 272    | 97     | White-----               | 1,042  | 236    |
| White-----               | 231    | 51     | Nonwhite---              | 449    | 97     | Nonwhite---              | 211    | 61     |
| Nonwhite---              | 144    | 46     | Mecklenburg-----         | 5,811  | 1,674  | Balance of county-----   | 244    | 285    |
| Balance of county-----   | 1,112  | 318    | White-----               | 4,459  | 1,107  | White-----               | 127    | 165    |
| White-----               | 318    | 116    | Nonwhite---              | 1,352  | 567    | Nonwhite---              | 117    | 60     |
| Nonwhite---              | 794    | 202    | Charlotte-----           | 5,626  | 1,360  | Rutherford-----          | 1,084  | 363    |
| Forsyth-----             | 4,161  | 1,532  | White-----               | 4,409  | 918    | White-----               | 926    | 252    |
| White-----               | 2,987  | 859    | Nonwhite---              | 1,217  | 442    | Nonwhite---              | 158    | 51     |
| Nonwhite---              | 1,174  | 473    | Balance of county-----   | 185    | 314    | Samson-----              | 1,325  | 287    |
| Winston-Salem-----       | 3,882  | 1,069  | White-----               | 50     | 189    | White-----               | 695    | 170    |
| White-----               | 2,787  | 658    | Nonwhite---              | 135    | 125    | Nonwhite---              | 630    | 117    |
| Nonwhite---              | 1,095  | 431    | Mitchell-----            | 485    | 85     | Scotland-----            | 692    | 218    |
| Balance of county-----   | 279    | 263    | Montgomery-----          | 378    | 106    | White-----               | 315    | 90     |
| White-----               | 200    | 221    | White-----               | 258    | 69     | Nonwhite---              | 577    | 152    |
| Nonwhite---              | 79     | 42     | Moore-----               | 120    | 37     | Stanly-----              | 968    | 250    |
| Franklin-----            | 612    | 198    | White-----               | 970    | 275    | White-----               | 647    | 190    |
| White-----               | 200    | 97     | Nonwhite---              | 668    | 185    | Nonwhite---              | 141    | 40     |
| Nonwhite---              | 412    | 101    | Nash-----                | 304    | 90     | Stokes-----              | 288    | 105    |
| Gaston-----              | 2,130  | 612    | White-----               | 2,019  | 593    | White-----               | 253    | 9      |
| White-----               | 1,742  | 505    | Nonwhite---              | 1,100  | 294    | Nonwhite---              | 35     | 9      |
| Nonwhite---              | 388    | 107    | Rocky Mount (part)-----  | 919    | 299    | Surry-----               | 1,785  | 532    |
| Gastonia-----            | 1,587  | 265    | White-----               | 1,184  | 351    | Swain-----               | 554    | 69     |
| White-----               | 1,385  | 217    | Nonwhite---              | 915    | 197    | White-----               | 206    | 47     |
| Nonwhite---              | 204    | 48     | Nonwhite---              | 269    | 154    | Nonwhite---              | 128    | 22     |
| Balance of county-----   | 543    | 347    | Rocky Mount (total)----- | 1,559  | 448    | Transylvania-----        | 397    | 64     |
| White-----               | 359    | 288    | White-----               | 1,146  | 248    | Tyrrell-----             | 163    | 35     |
| Nonwhite---              | 184    | 59     | Nonwhite---              | 413    | 200    | White-----               | 100    | 10     |
| Gates-----               | 220    | 68     | Balance of county-----   | 835    | 242    | Nonwhite---              | 63     | 10     |
| White-----               | 42     | 32     | White-----               | 185    | 97     | Union-----               | 1,232  | 285    |
| Nonwhite---              | 178    | 36     | Nonwhite---              | 650    | 145    | White-----               | 940    | 176    |
| Graham-----              | 188    | 29     | New Hanover-----         | 721    | 208    | Nonwhite---              | 292    | 79     |
| Granville-----           | 852    | 274    | White-----               | 1,385  | 391    | Vance-----               | 1,041  | 280    |
| White-----               | 321    | 167    | Nonwhite---              | 701    | 330    | White-----               | 517    | 145    |
| Nonwhite---              | 531    | 107    | Wilmington-----          | 2,050  | 610    | Nonwhite---              | 524    | 145    |
| Greene-----              | 385    | 91     | White-----               | 1,359  | 317    | Wake-----                | 3,522  | 1,210  |
| White-----               | 119    | 30     | Nonwhite---              | 691    | 293    | White-----               | 2,541  | 793    |
| Nonwhite---              | 276    | 61     | Balance of county-----   | 16     | 111    | Nonwhite---              | 1,181  | 425    |
| Guilford-----            | 4,889  | 1,334  | White-----               | 6      | 74     | White-----               | 2,696  | 903    |
| White-----               | 3,872  | 951    | Nonwhite---              | 10     | 37     | Nonwhite---              | 2,052  | 594    |
| Nonwhite---              | 1,017  | 383    | Northampton-----         | 626    | 147    | Balance of county-----   | 644    | 309    |
| Greensboro-----          | 3,074  | 709    | White-----               | 57     | 41     | White-----               | 626    | 315    |
| White-----               | 2,419  | 462    | Nonwhite---              | 569    | 106    | Nonwhite---              | 289    | 199    |
| Nonwhite---              | 655    | 227    | Onslow-----              | 1,110  | 204    | Warren-----              | 537    | 116    |
| High Point-----          | 1,572  | 307    | White-----               | 905    | 149    | White-----               | 692    | 154    |
| White-----               | 1,335  | 229    | Nonwhite---              | 205    | 55     | Nonwhite---              | 126    | 45     |
| Nonwhite---              | 237    | 79     | Orange-----              | 176    | 137    | Washington-----          | 566    | 109    |
| Balance of county-----   | 243    | 318    | White-----               | 51     | 92     | White-----               | 519    | 90     |
| White-----               | 118    | 241    | Nonwhite---              | 125    | 45     | Nonwhite---              | 152    | 54     |
| Nonwhite---              | 125    | 77     | Pamlico-----             | 240    | 69     | Watauga-----             | 187    | 102    |
| Halifax-----             | 2,102  | 507    | White-----               | 121    | 34     | Wayne-----               | 423    | 681    |
| White-----               | 796    | 209    | Nonwhite---              | 119    | 35     | White-----               | 1,598  | 681    |
| Nonwhite---              | 1,304  | 298    | Pasquotank-----          | 737    | 226    | Nonwhite---              | 898    | 225    |
| Harnett-----             | 1,504  | 307    | White-----               | 443    | 136    | White-----               | 700    | 456    |
| White-----               | 1,091  | 203    | Nonwhite---              | 294    | 90     | Nonwhite---              | 963    | 227    |
| Nonwhite---              | 413    | 104    | Elizabeth City-----      | 550    | 175    | Goldsboro-----           | 658    | 118    |
| Haywood-----             | 1,001  | 182    | White-----               | 415    | 107    | White-----               | 305    | 111    |
| Henderson-----           | 811    | 266    | Nonwhite---              | 135    | 66     | Nonwhite---              | 353    | 454    |
| Balance of county-----   | 494    | 140    | Balance of county-----   | 187    | 53     | Balance of county-----   | 240    | 109    |
| White-----               | 108    | 58     | White-----               | 28     | 29     | White-----               | 395    | 345    |
| Nonwhite---              | 386    | 82     | Nonwhite---              | 159    | 24     | Nonwhite---              | 1,063  | 276    |
|                          |        |        |                          |        |        | Wilkes-----              |        |        |

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE            | Births  | Deaths | AREA AND RACE     | Births | Deaths | AREA AND RACE      | Births | Deaths |
|--------------------------|---------|--------|-------------------|--------|--------|--------------------|--------|--------|
| NORTH CAROLINA—Continued |         |        | OHIO—Continued    |        |        | OHIO—Continued     |        |        |
| Wilson                   | 1,950   | 587    | Athens            | 726    | 579    | icking             | 1,208  | 758    |
| White                    | 1,102   | 311    | Auglaize          | 31     | 243    | Newark             | 1,163  | 475    |
| Nonwhite                 | 848     | 276    | Belmont           | 1,974  | 961    | Balance of county  | 45     | 283    |
| Wilson                   | 1,373   | 398    | Bellaire          | 560    | 187    | Logan              | 622    | 403    |
| White                    | 964     | 209    | Martins Ferry     | 958    | 313    | Lorain             | 3,506  | 1,327  |
| Nonwhite                 | 419     | 189    | Balance of county | 456    | 461    | Elyria             | 1,225  | 385    |
| Balance of county        | 577     | 189    | Brown             | 229    | 226    | Lorain             | 1,719  | 558    |
| White                    | 148     | 102    | Butler            | 4,275  | 1,287  | Balance of county  | 562    | 434    |
| Nonwhite                 | 429     | 87     | Hamilton          | 2,528  | 709    | Lucas              | 10,625 | 4,575  |
| Yadkin                   | 81      | 86     | Middletown        | 1,683  | 359    | Toledo             | 10,834 | 4,218  |
| Yancey                   | 202     | 72     | Balance of county | 64     | 219    | White              | 9,822  | 3,880  |
|                          |         |        | Carroll           | 125    | 155    | Nonwhite           | 712    | 335    |
| NORTH DAKOTA             |         |        | Champaign         | 506    | 260    | Balance of county  | 89     | 382    |
|                          | 16,785  | 5,045  | Clark             | 2,768  | 1,288  | Madison            | 205    | 158    |
| White                    | 16,396  | 4,924  | Springfield       | 2,720  | 1,000  | Mahoning           | 6,198  | 2,536  |
| Nonwhite                 | 389     | 121    | White             | 2,442  | 875    | Youngstown (part)  | 6,155  | 2,076  |
| Adams                    | 124     | 23     | Nonwhite          | 278    | 125    | White              | 5,547  | 1,835  |
| Barnes                   | 526     | 139    | Balance of county | 48     | 258    | Nonwhite           | 608    | 241    |
| Benson                   | 145     | 60     | Clermont          | 298    | 309    | Youngstown (total) | 6,155  | 2,076  |
| White                    | 95      | 44     | Clinton           | 983    | 222    | White              | 5,547  | 1,835  |
| Nonwhite                 | 50      | 16     | Columbiana        | 2,737  | 1,068  | Nonwhite           | 609    | 241    |
| Billings                 | —       | —      | East Liverpool    | 1,315  | 355    | Campbell           | 10     | 45     |
| Bottineau                | 298     | 86     | Salem             | 1,211  | 284    | White              | 4      | 34     |
| Bowman                   | 83      | 12     | Balance of county | 211    | 446    | Nonwhite           | 6      | 11     |
| Burke                    | 91      | 34     | Coshocton         | 709    | 373    | Struthers          | 5      | 47     |
| Burlingame               | 1,607   | 583    | Coshocton         | 672    | 216    | Balance of county  | 28     | 388    |
| Balance of county        | 7       | 13     | Balance of county | 37     | 157    | Marion             | 1,283  | 513    |
| Cass                     | 2,287   | 671    | Crawford          | 1,233  | 440    | Marion             | 1,286  | 409    |
| Fargo                    | 2,274   | 480    | Cuyahoga          | 32,818 | 13,688 | Balance of county  | 27     | 104    |
| Balance of county        | 13      | 181    | Cleveland         | 27,138 | 10,348 | Medina             | 1,285  | 582    |
| Cavaler                  | 326     | 92     | White             | 23,154 | 8,925  | Meigs              | 312    | 206    |
| Dickey                   | 174     | 57     | Nonwhite          | 3,984  | 1,423  | Mercer             | 1,002  | 282    |
| Divide                   | 145     | 48     | Cleveland Heights | 223    | 414    | Miami              | 1,773  | 644    |
| Dunn                     | 34      | 24     | East Cleveland    | 2,825  | 509    | Piqua              | 368    | 261    |
| Eddy                     | 177     | 52     | Lakewood          | 1,311  | 623    | Balance of county  | 895    | 383    |
| Emmons                   | 160     | 34     | Euclid            | 7      | 169    | Monroe             | 180    | 166    |
| Foster                   | 148     | 58     | Garfield Heights  | 3      | 99     | Montgomery         | 11,636 | 4,213  |
| Golden Valley            | 144     | 35     | Shaker Heights    | 6      | 103    | White              | 11,516 | 2,995  |
| Grand Forks              | 1,535   | 378    | Balance of county | 1,302  | 1,305  | Nonwhite           | 10,413 | 2,686  |
| Grand Forks              | 1,419   | 285    | Darke             | 622    | 404    | Balance of county  | 120    | 1,218  |
| Balance of county        | 116     | 93     | DeFiance          | 768    | 274    | Morgan             | 83     | 154    |
| Grant                    | 216     | 47     | Delaware          | 496    | 303    | Morrow             | 15     | 147    |
| Griggs                   | 53      | 17     | Erie              | 1,136  | 558    | Maskingum          | 2,348  | 932    |
| Hettinger                | 76      | 25     | Sandusky          | 1,129  | 399    | Zanesville         | 2,323  | 723    |
| Kidder                   | 4       | 25     | Balance of county | 7      | 159    | Balance of county  | 25     | 209    |
| La Moure                 | 209     | 50     | Fairfield         | 1,105  | 498    | Noble              | 118    | 102    |
| Logan                    | 47      | 18     | Lancaster         | 1,006  | 287    | Ottawa             | 494    | 286    |
| McHenry                  | 1       | 43     | Balance of county | 99     | 211    | Paulding           | 224    | 143    |
| McIntosh                 | 47      | 32     | Fayette           | 278    | 232    | Perry              | 194    | 296    |
| McKenzie                 | 21      | 36     | Franklin          | 13,411 | 5,383  | Pickaway           | 491    | 328    |
| McLean                   | 131     | 64     | White             | 11,982 | 4,730  | Pike               | 247    | 115    |
| Mercer                   | 224     | 36     | Nonwhite          | 1,429  | 653    | Portage            | 1,151  | 497    |
| Morton                   | 324     | 100    | Columbus          | 13,145 | 4,688  | Ereble             | 98     | 206    |
| White                    | 106     | 47     | White             | 11,787 | 4,074  | Putnam             | 81     | 150    |
| Nonwhite                 | 80      | 66     | Nonwhite          | 1,358  | 594    | Richland           | 2,291  | 863    |
| Nelson                   | 3       | 4      | Balance of county | 266    | 715    | Mansfield          | 1,761  | 495    |
| Oliver                   | 104     | 89     | Fulton            | 643    | 286    | Balance of county  | 530    | 378    |
| Pembina                  | 380     | 104    | Gallia            | 629    | 421    | Ross               | 1,222  | 537    |
| Pierce                   | 620     | 174    | Geauga            | 356    | 164    | Chillicothe        | 272    | 272    |
| Ransom                   | 45      | 43     | Green             | 838    | 393    | Balance of county  | 430    | 285    |
| Renville                 | 1       | 27     | Xenia             | 178    | 116    | Sandusky           | 1,321  | 533    |
| Richland                 | 154     | 98     | White             | 157    | 92     | Prestont           | 938    | 230    |
| White                    | 379     | 109    | Nonwhite          | 21     | 24     | Balance of county  | 383    | 303    |
| Nonwhite                 | 229     | 41     | Balance of county | 660    | 277    | Scioto             | 2,262  | 887    |
| Sargent                  | 11      | 37     | Guernsey          | 665    | 629    | Portsmouth         | 1,941  | 636    |
| Sheridan                 | 26      | 12     | Cambridge         | 559    | 271    | Balance of county  | 321    | 251    |
| Sioux                    | 84      | 29     | Balance of county | 108    | 358    | Seneca             | 935    | 606    |
| White                    | 6       | 2      | Hamilton          | 17,737 | 8,667  | Fostoria (part)    | 4      | 77     |
| Nonwhite                 | 76      | 27     | White             | 16,536 | 7,447  | Fostoria (total)   | 586    | 202    |
| Slope                    | —       | —      | Nonwhite          | 2,201  | 1,120  | Tiffin             | 903    | 272    |
| Stark                    | 950     | 194    | Cincinnati        | 16,072 | 7,284  | Balance of county  | 28     | 157    |
| Steele                   | 91      | 29     | White             | 13,926 | 6,279  | Shelby             | 663    | 294    |
| Stutsman                 | 805     | 340    | Nonwhite          | 2,146  | 1,005  | Stark              | 7,421  | 2,858  |
| Towner                   | 107     | 36     | Norwood           | 7      | 169    | Canton             | 4,984  | 1,318  |
| Trall                    | 162     | 82     | Balance of county | 1,658  | 1,114  | Massillon          | 1,249  | 384    |
| Welsh                    | 576     | 209    | Hancock           | 1,626  | 627    | Alliance           | 1,055  | 334    |
| Ward                     | 1,695   | 397    | Findlay           | 898    | 355    | Balance of county  | 135    | 820    |
| Minot                    | 1,531   | 341    | Fostoria (part)   | 582    | 125    | Summit             | 10,650 | 3,201  |
| Balance of county        | 164     | 56     | Balance of county | 146    | 147    | Akron              | 9,538  | 2,378  |
| Wells                    | 385     | 55     | Hardin            | 768    | 358    | White              | 8,770  | 2,169  |
| Williams                 | 702     | 172    | Harrison          | 40     | 164    | Nonwhite           | 768    | 209    |
|                          |         |        | Henry             | 390    | 222    | Barberton          | 1,076  | 235    |
|                          |         |        | Highland          | 671    | 331    | Cuyahoga Falls     | 2      | 128    |
|                          |         |        | Hocking           | 555    | 188    | Balance of county  | 34     | 460    |
|                          |         |        | Holmes            | 554    | 196    | Trumbull           | 2,922  | 1,119  |
|                          |         |        | Huron             | 992    | 470    | Youngstown (part)  | —      | —      |
|                          |         |        | White             | 425    | 238    | White              | —      | —      |
|                          |         |        | Nonwhite          | 2,557  | 912    | Nonwhite           | —      | —      |
|                          |         |        | Balance of county | 2,445  | 582    | Warren             | 2,839  | 604    |
|                          |         |        | Stuebenville      | 112    | 330    | Miles              | 16     | 76     |
|                          |         |        | Balance of county | 968    | 440    | Balance of county  | 67     | 439    |
|                          |         |        | Mount Vernon      | 950    | 256    | Tuscarawas         | 1,624  | 764    |
|                          |         |        | Balance of county | 18     | 184    | New Philadelphia   | 9      | 101    |
|                          |         |        | Lake              | 1,094  | 540    | Balance of county  | 1,615  | 663    |
|                          |         |        | Painesville       | 1,081  | 224    | Union              | 97     | 151    |
|                          |         |        | Balance of county | 13     | 316    | Van Wert           | 515    | 278    |
|                          |         |        | Lawrence          | 1,085  | 399    | Vinton             | 202    | 93     |
|                          |         |        | Ironton           | 964    | 247    | Warren             | 145    | 298    |
|                          |         |        | Balance of county | 121    | 152    | Washington         | 985    | 511    |
|                          |         |        |                   |        |        |                    |        |        |
| OHIO                     |         |        |                   |        |        | OHIO               |        |        |
|                          | 186,111 | 60,566 |                   |        |        |                    |        |        |
| White                    | 172,587 | 74,687 |                   |        |        |                    |        |        |
| Nonwhite                 | 13,524  | 5,879  |                   |        |        |                    |        |        |
| Adams                    | 305     | 181    |                   |        |        |                    |        |        |
| Allen                    | 3,480   | 1,105  |                   |        |        |                    |        |        |
| Balance of county        | 3,086   | 834    |                   |        |        |                    |        |        |
| Ashland                  | 667     | 320    |                   |        |        |                    |        |        |
| Balance of county        | 661     | 175    |                   |        |        |                    |        |        |
| Ashtabula                | 1,640   | 843    |                   |        |        |                    |        |        |
| Balance of county        | 801     | 299    |                   |        |        |                    |        |        |
| Balance of county        | 739     | 544    |                   |        |        |                    |        |        |

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE        | Births | Deaths | AREA AND RACE      | Births | Deaths | AREA AND RACE      | Births  | Deaths  |
|----------------------|--------|--------|--------------------|--------|--------|--------------------|---------|---------|
| OHIO—Continued       |        |        | OKLAHOMA—Continued |        |        | OKLAHOMA—Continued |         |         |
| Washington—Continued |        |        | Kiowa              | 374    | 155    | Tulsa              | 6,219   | 1,950   |
| Marietta             | 952    | 295    | Latimer            | 361    | 130    | White              | 5,684   | 1,724   |
| Balance of county    | 133    | 216    | Le Flore           | 632    | 217    | Nonwhite           | 535     | 226     |
| Wayne                | 957    | 525    | Lincoln            | 425    | 203    | Tulsa              | 5,684   | 1,718   |
| Wooster              | 810    | 209    | Logan              | 427    | 252    | White              | 5,189   | 1,507   |
| Balance of county    | 147    | 316    | White              | 322    | 192    | Nonwhite           | 495     | 211     |
| Williams             | 415    | 303    | Nonwhite           | 105    | 60     | Balance of county  | 555     | 232     |
| Wood                 | 410    | 404    | Guthrie            | 354    | 167    | Wagoner            | 300     | 67      |
| Wyandot              | 54     | 192    | White              | 281    | 130    | White              | 223     | 53      |
|                      | 49,756 | 18,591 | Nonwhite           | 73     | 37     | Nonwhite           | 77      | 34      |
|                      |        |        | Balance of county  | 75     | 85     | Washington         | 726     | 259     |
| White                | 44,130 | 16,245 | White              | 41     | 62     | Bartlesville       | 690     | 195     |
| Nonwhite             | 5,606  | 2,346  | Nonwhite           | 32     | 23     | Balance of county  | 36      | 64      |
| Adair                | 173    | 94     | Love               | 110    | 47     | Washita            | 251     | 97      |
| White                | 140    | 54     | McClain            | 255    | 83     | Woods              | 382     | 134     |
| Nonwhite             | 33     | 40     | McCurain           | 639    | 219    | Woodward           | 457     | 251     |
| Alfalfa              | 135    | 88     | White              | 431    | 167    |                    |         |         |
| Atoka                | 319    | 97     | Nonwhite           | 208    | 52     | OREGON             | 35,180  | 14,191  |
| Beaver               | 181    | 50     | McIntosh           | 402    | 126    | White              | 34,542  | 13,918  |
| Beckham              | 667    | 206    | White              | 298    | 77     | Nonwhite           | 638     | 273     |
| Blaine               | 325    | 125    | Nonwhite           | 104    | 49     | Baker              | 362     | 176     |
| White                | 286    | 108    | Major              | 117    | 55     | Benton             | 885     | 181     |
| Nonwhite             | 39     | 17     | Marshall           | 174    | 54     | Clackamas          | 905     | 598     |
| Bryan                | 714    | 250    | Mayes              | 335    | 157    | Clatsop            | 644     | 327     |
| Durant               | 506    | 123    | Murray             | 235    | 129    | Astoria            | 569     | 209     |
| Balance of county    | 208    | 127    | Muskogee           | 886    | 886    | Balance of county  | 275     | 116     |
| Caddo                | 769    | 239    | White              | 1,589  | 573    | Columbia           | 214     | 127     |
| White                | 712    | 208    | Nonwhite           | 1,273  | 313    | Coos               | 1,146   | 459     |
| Nonwhite             | 56     | 31     | Muskogee           | 316    | 133    | Crook              | 250     | 56      |
| Canadian             | 350    | 178    | White              | 1,285  | 634    | Curry              | 49      | 61      |
| El Reno              | 322    | 121    | Nonwhite           | 1,092  | 458    | DeSchutes          | 717     | 170     |
| Balance of county    | 28     | 57     | White              | 193    | 176    | Bend               | 602     | 115     |
| Carter               | 748    | 323    | Nonwhite           | 304    | 252    | Balance of county  | 115     | 55      |
| White                | 667    | 278    | Noble              | 181    | 115    | Douglas            | 967     | 369     |
| Nonwhite             | 81     | 45     | Novata             | 123    | 137    | Gilliam            | 17      | 13      |
| Ardmore              | 611    | 239    | White              | 134    | 71     | Grant              | 182     | 67      |
| White                | 550    | 202    | Nonwhite           | 179    | 118    | Harney             | 123     | 53      |
| Nonwhite             | 61     | 37     | Okfuskee           | 162    | 102    | Hood River         | 387     | 103     |
| Balance of county    | 137    | 84     | White              | 17     | 16     | Jackson            | 1,361   | 552     |
| Cherokee             | 676    | 148    | Nonwhite           | 390    | 148    | Medford            | 1,134   | 254     |
| White                | 370    | 102    | Oklahoma           | 260    | 98     | Balance of county  | 227     | 298     |
| Nonwhite             | 306    | 46     | Oklahoma City      | 130    | 60     | Jefferson          | 39      | 26      |
| Choctaw              | 458    | 189    | White              | 8,201  | 2,866  | White              | 3       | 14      |
| White                | 355    | 139    | Nonwhite           | 7,580  | 2,398  | Nonwhite           | 36      | 14      |
| Nonwhite             | 101    | 49     | Balance of county  | 6,773  | 2,114  | Josephine          | 634     | 275     |
| Cimarron             | 26     | 19     | Okmulgee           | 907    | 294    | Klamath            | 1,297   | 331     |
| Cleveland            | 742    | 392    | White              | 621    | 466    | Klamath Falls      | 1,263   | 226     |
| Norman               | 691    | 282    | Nonwhite           | 1,034  | 393    | Balance of county  | 14      | 105     |
| Balance of county    | 51     | 110    | Okmulgee           | 828    | 299    | Lake               | 178     | 43      |
| Coal                 | 92     | 47     | White              | 206    | 104    | Lane               | 3,095   | 904     |
| Comanche             | 1,653  | 309    | Nonwhite           | 505    | 193    | Eugene             | 2,661   | 570     |
| Lawton               | 785    | 199    | White              | 410    | 131    | Balance of county  | 434     | 334     |
| Balance of county    | 868    | 111    | Nonwhite           | 95     | 62     | Lincoln            | 345     | 183     |
| Cotton               | 123    | 66     | Balance of county  | 529    | 200    | Linn               | 1,233   | 425     |
| Craig                | 338    | 295    | White              | 418    | 158    | Malheur            | 952     | 148     |
| Creek                | 698    | 391    | Nonwhite           | 111    | 42     | Marion             | 2,441   | 1,211   |
| White                | 570    | 330    | Oseage             | 583    | 227    | Salem              | 2,046   | 869     |
| Nonwhite             | 116    | 61     | Ottawa             | 763    | 322    | Balance of county  | 395     | 342     |
| Sapulpa              | 306    | 164    | Pawnee             | 267    | 137    | Morrow             | 22      | 31      |
| White                | 248    | 131    | Payne              | 1,339  | 277    | Multnomah          | 12,373  | 5,493   |
| Nonwhite             | 58     | 33     | Stillwater         | 912    | 122    | Portland           | 12,201  | 4,706   |
| Balance of county    | 380    | 227    | Balance of county  | 526    | 155    | Balance of county  | 172     | 787     |
| Custer               | 322    | 199    | Pittsburg          | 958    | 363    | Polk               | 334     | 149     |
| White                | 58     | 29     | White              | 852    | 326    | Sherman            | 1       | 7       |
| Nonwhite             | 58     | 29     | Nonwhite           | 86     | 37     | Tillamook          | 453     | 148     |
| Delaware             | 651    | 290    | McAlester          | 742    | 228    | Umatilla           | 716     | 393     |
| White                | 98     | 92     | White              | 679    | 203    | Union              | 439     | 190     |
| Nonwhite             | 78     | 84     | Nonwhite           | 63     | 25     | Wallowa            | 147     | 55      |
| Balance of county    | 20     | 8      | Balance of county  | 196    | 135    | Wasco              | 511     | 219     |
| Devy                 | 47     | 58     | White              | 173    | 123    | Washington         | 733     | 383     |
| Ellis                | 185    | 83     | Nonwhite           | 23     | 12     | Wheeler            | 4       | 12      |
| Garfield             | 1,456  | 537    | Pontotoc           | 817    | 259    | Yamhill            | 824     | 309     |
| Ada                  | 1,441  | 444    | Ada                | 750    | 195    |                    |         |         |
| Balance of county    | 15     | 93     | Balance of county  | 67     | 64     | PENNSYLVANIA       | 227,366 | 108,888 |
| Garvin               | 741    | 189    | Pottawatomie       | 948    | 401    | White              | 210,947 | 101,537 |
| Grady                | 780    | 318    | Shawnee            | 894    | 278    | Nonwhite           | 16,419  | 7,351   |
| Chickasha            | 673    | 221    | Balance of county  | 54     | 123    | Adams              | 879     | 356     |
| White                | 639    | 200    | Pushmataha         | 207    | 63     | Allegheny          | 34,752  | 16,040  |
| Nonwhite             | 34     | 21     | Roger Mills        | 9      | 35     | Pittsburgh         | 22,943  | 8,682   |
| Balance of county    | 107    | 97     | Rogers             | 468    | 204    | White              | 20,740  | 7,793   |
| Grant                | 6      | 52     | Seminole           | 741    | 275    | Nonwhite           | 2,203   | 889     |
| Greer                | 219    | 99     | White              | 593    | 211    | McKeesport         | 2,946   | 682     |
| Harmon               | 109    | 54     | Nonwhite           | 148    | 64     | Wilkinsburg        | 1,479   | 425     |
| Harper               | 30     | 27     | Seminole           | 347    | 93     | Bellevue           | 691     | 259     |
| Haskell              | 213    | 71     | White              | 280    | 61     | Braddock           | 1,431   | 317     |
| Hughes               | 501    | 191    | Nonwhite           | 214    | 43     | White              | 1,266   | 285     |
| White                | 438    | 151    | Balance of county  | 66     | 18     | Nonwhite           | 165     | 32      |
| Nonwhite             | 63     | 40     | Sequoyah           | 114    | 121    | Carnegie           | 10      | 62      |
| Jackson              | 490    | 161    | White              | 64     | 86     | Clairton           | 44      | 79      |
| Jefferson            | 180    | 62     | Nonwhite           | 50     | 35     | White              | 18      | 70      |
| Johnston             | 128    | 62     | Balance of county  | 353    | 106    | Nonwhite           | 26      | 9       |
| Key                  | 1,170  | 436    | Stephens           | 318    | 94     | Coraopolis         | 6       | 5       |
| Ponca City           | 789    | 220    | White              | 35     | 12     | Dormont            | 1       | 86      |
| Balance of county    | 381    | 218    | Nonwhite           | 918    | 240    |                    |         |         |
| Kingfisher           | 218    | 87     | Texas              | 240    | 59     |                    |         |         |
| White                | 200    | 80     | Tillman            | 363    | 160    |                    |         |         |
| Nonwhite             | 18     | 7      | White              | 299    | 130    |                    |         |         |
|                      |        |        | Nonwhite           | 64     | 30     |                    |         |         |

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE                     | Births | Deaths | AREA AND RACE                    | Births | Deaths | AREA AND RACE                 | Births | Deaths |
|-----------------------------------|--------|--------|----------------------------------|--------|--------|-------------------------------|--------|--------|
| <b>PENNSYLVANIA—Continued</b>     |        |        | <b>PENNSYLVANIA—Continued</b>    |        |        | <b>PENNSYLVANIA—Continued</b> |        |        |
| Allegheny—Continued               |        |        | Franklin                         | 1,965  | 847    | Susquehanna                   | 367    | 292    |
| Duquesne                          | 24     | 87     | Chambersburg                     | 1,081  | 275    | Tioga                         | 824    | 416    |
| Harrison (twp.) <sup>2</sup>      | 1,685  | 364    | Waynesboro                       | 706    | 146    | Union                         | 747    | 250    |
| Homestead                         | 731    | 224    | Balance of county                | 179    | 426    | Venango                       | 1,483  | 787    |
| White                             | 687    | 187    | Fulton                           | 112    | 78     | Oil City                      | 863    | 288    |
| Nonwhite                          | 44     | 27     | Greene                           | 1,128  | 436    | Balance of county             | 600    | 498    |
| McKees Rocks                      | 4      | 84     | Huntingdon                       | 977    | 431    | Warren                        | 690    | 658    |
| Mount Lebanon (twp.) <sup>2</sup> | -      | 107    | Indiana                          | 1,482  | 629    | Warren                        | 625    | 223    |
| Mumball                           | 2      | 52     | Indiana                          | 8      | 62     | Balance of county             | 65     | 436    |
| North Braddock                    | 13     | 63     | Balance of county                | 1,454  | 587    | Washington                    | 4,632  | 1,848  |
| Shaler (twp.) <sup>2</sup>        | 17     | 74     | Jefferson                        | 1,250  | 492    | Washington                    | 1,403  | 420    |
| Stowe (twp.) <sup>2</sup>         | 517    | 116    | Juniata                          | 152    | 106    | Canonsburg                    | 796    | 142    |
| Swissvale                         | 3      | 79     | Lackawanna                       | 5,595  | 3,161  | Charleroi                     | 5      | 56     |
| Balance of county                 | 2,205  | 4,143  | Scranton                         | 4,006  | 1,752  | Donora                        | 5      | 60     |
| White                             | 2,107  | 3,844  | Carbondale                       | 710    | 311    | Balance of county             | 2,623  | 1,170  |
| Nonwhite                          | 98     | 299    | Dickson City                     | 6      | 43     | Wayne                         | 298    | 379    |
| Armstrong                         | 1,364  | 657    | Dunmore                          | 66     | 145    | Westmoreland                  | 6,007  | 2,622  |
| Beaver                            | 2,646  | 1,315  | Old Forge                        | 17     | 58     | Arnold                        | 4      | 32     |
| Aliquippa                         | 91     | 130    | Balance of county                | 790    | 854    | Greensburg                    | 1,824  | 351    |
| White                             | 33     | 107    | Lancaster                        | 5,452  | 2,283  | Jeannette                     | 15     | 87     |
| Nonwhite                          | 58     | 23     | Lancaster                        | 3,565  | 997    | Letrobe                       | 1,159  | 221    |
| Ambridge                          | 8      | 74     | Columbia                         | 490    | 136    | Monessen                      | 34     | 101    |
| Beaver Falls                      | 828    | 230    | Balance of county                | 1,397  | 1,150  | New Kensington                | 1,477  | 312    |
| Ellwood City (part)               | -      | -      | Lawrence                         | 2,739  | 964    | Vandergrift                   | 35     | 47     |
| Balance of county                 | 1,719  | 881    | New Castle                       | 1,985  | 588    | Balance of county             | 1,455  | 1,471  |
| Bedford                           | 646    | 366    | Ellwood City (part)              | 711    | 132    | Wyoming                       | 271    | 179    |
| Berks                             | 4,648  | 2,900  | Ellwood City (total)             | 711    | 132    | York                          | 4,715  | 1,908  |
| Reading                           | 1,982  | 1,259  | Balance of county                | 43     | 244    | York                          | 2,436  | 767    |
| Balance of county                 | 2,663  | 1,641  | Lebanon                          | 1,704  | 759    | Hanover                       | 1,033  | 211    |
| Blair                             | 3,721  | 1,599  | Lebanon                          | 1,504  | 420    | Balance of county             | 1,246  | 930    |
| Altoona                           | 3,013  | 1,065  | Balance of county                | 200    | 339    |                               |        |        |
| Balance of county                 | 708    | 534    | Lehigh                           | 5,998  | 2,427  | <b>RHODE ISLAND</b>           | 17,202 | 8,125  |
| Bradford                          | 1,283  | 640    | Allentown                        | 3,846  | 1,499  |                               |        |        |
| Bucks                             | 1,828  | 1,095  | Bethlehem (part)                 | 1      | 54     | White                         | 16,776 | 7,941  |
| Bristol                           | 185    | 98     | Balance of county                | 2,151  | 874    | Nonwhite                      | 424    | 184    |
| Balance of county                 | 1,683  | 999    | Luzerne                          | 8,151  | 4,068  | Bristol                       | 18     | 154    |
| Butler                            | 1,717  | 892    | Hazleton                         | 1,630  | 468    | Bristol (town)                | 12     | 67     |
| Butler                            | 16     | 144    | Wilkes-Barre                     | 5,388  | 1,234  | Balance of county             | 6      | 87     |
| Balance of county                 | 1,701  | 848    | Hanover (twp.) <sup>2</sup>      | 9      | 88     | Kent                          | 27     | 498    |
| Cambria                           | 5,414  | 2,039  | Kingston                         | 1,370  | 366    | Warwick                       | 24     | 256    |
| Johnstown                         | 3,671  | 974    | Nanticoke                        | 655    | 267    | West Warwick (town)           | 122    | 122    |
| Balance of county                 | 1,743  | 1,065  | Pittston                         | 13     | 115    | Balance of county             | 11     | 120    |
| Cameron                           | 15     | 27     | Plains (twp.) <sup>2</sup>       | 15     | 75     | Newport                       | 1,316  | 618    |
| Carbon                            | 677    | 556    | Plymouth                         | 16     | 109    | Newport                       | 1,309  | 479    |
| Centre                            | 1,962  | 864    | Balance of county                | 1,055  | 1,346  | Balance of county             | 7      | 159    |
| Chester                           | 2,896  | 1,572  | Lycoming                         | 2,589  | 1,171  | Providence                    | 14,307 | 6,396  |
| Coatesville                       | 71     | 110    | Williamsport                     | 1,942  | 685    | Providence                    | 10,364 | 3,131  |
| White                             | 10     | 86     | Balance of county                | 627    | 498    | Central Falls                 | 434    | 166    |
| Nonwhite                          | 61     | 24     | McKean                           | 1,292  | 540    | Cranston                      | 235    | 939    |
| Phoenixville                      | 532    | 154    | Bradford                         | 681    | 225    | East Providence (town)        | 5      | 200    |
| West Chester                      | 1,160  | 367    | Balance of county                | 611    | 315    | Pawtucket                     | 1,680  | 793    |
| White                             | 993    | 320    | Mercer                           | 2,924  | 1,104  | Woonsocket                    | 1,555  | 499    |
| Nonwhite                          | 187    | 47     | Sharon                           | 1,591  | 394    | Cumberland (town)             | 12     | 88     |
| Balance of county                 | 1,113  | 941    | Ferrell                          | 7      | 61     | Johnston (town)               | 1      | 60     |
| Clerton                           | 407    | 301    | White                            | 5      | 52     | Lincoln (town)                | 2      | 76     |
| Clearfield                        | 1,820  | 774    | Nonwhite                         | 2      | 9      | North Providence (town)       | 1      | 85     |
| Du Bois                           | 878    | 237    | Balance of county                | 1,326  | 649    | Balance of county             | 18     | 299    |
| Balance of county                 | 942    | 537    | Mifflin                          | 1,330  | 474    | Washington                    | 1,334  | 489    |
| Clinton                           | 980    | 377    | Lewisport                        | 301    | 90     | Providence                    | 623    | 168    |
| Lock Haven                        | 806    | 219    | Balance of county                | 1,029  | 384    | Balance of county             | 711    | 291    |
| Balance of county                 | 174    | 158    | Monroe                           | 831    | 404    |                               |        |        |
| Columbia                          | 1,139  | 587    | Montgomery                       | 5,690  | 3,483  | <b>SOUTH CAROLINA</b>         | 58,124 | 17,917 |
| Berwick                           | 539    | 152    | Lower Merion (twp.) <sup>2</sup> | 1,648  | 548    | White                         | 32,020 | 9,085  |
| Balance of county                 | 600    | 435    | Narristown                       | 1,785  | 810    | Nonwhite                      | 26,104 | 8,822  |
| Crawford                          | 1,907  | 849    | Abingdon (twp.) <sup>2</sup>     | 1,513  | 529    | Abbeville                     | 409    | 196    |
| Meadville                         | 1,330  | 364    | Cheltenham (twp.) <sup>2</sup>   | 5      | 147    | White                         | 213    | 101    |
| Balance of county                 | 577    | 485    | Conchohocken                     | 19     | 75     | Nonwhite                      | 196    | 95     |
| Cumberland                        | 1,909  | 795    | Pottstown                        | 1,314  | 331    | Aiken                         | 1,215  | 460    |
| Carlisle                          | 889    | 260    | Balance of county                | 408    | 1,043  | White                         | 665    | 245    |
| Balance of county                 | 1,040  | 535    | Montour                          | 1,133  | 478    | Nonwhite                      | 550    | 215    |
| Dauphin                           | 5,031  | 2,351  | Northampton                      | 2,552  | 1,398  | Allendale                     | 307    | 115    |
| Harrisburg                        | 4,254  | 1,376  | Bethlehem (part)                 | 80     | 222    | White                         | 19     | 25     |
| Steelton                          | 26     | 95     | Bethlehem (total)                | 81     | 276    | Nonwhite                      | 288    | 90     |
| White                             | 11     | 77     | Easton                           | 550    | 302    | Anderson                      | 2,374  | 724    |
| Nonwhite                          | 15     | 18     | Balance of county                | 1,922  | 864    | White                         | 1,838  | 503    |
| Balance of county                 | 751    | 880    | Northumberland                   | 1,639  | 1,170  | Nonwhite                      | 536    | 221    |
| Delaware                          | 8,456  | 3,135  | Mount Carmel                     | 26     | 100    | Anderson                      | 1,534  | 429    |
| Chester                           | 1,865  | 717    | Shemokin                         | 21     | 158    | White                         | 1,546  | 319    |
| White                             | 1,270  | 542    | Sumbury                          | 628    | 261    | Nonwhite                      | 188    | 110    |
| Nonwhite                          | 595    | 175    | Balance of county                | 964    | 651    | Balance of county             | 840    | 295    |
| Haverford (twp.) <sup>2</sup>     | -      | 192    | Perry                            | 183    | 185    | White                         | 492    | 184    |
| Upper Darby (twp.) <sup>2</sup>   | 574    | 454    | Philadelphia, coextensive with   | 48,178 | 24,605 | Nonwhite                      | 348    | 111    |
| Darby                             | 2,439  | 260    | Philadelphia (city)              | 9,823  | 4,145  | Bamberg                       | 353    | 109    |
| White                             | 2,361  | 239    | White                            | 21     | 79     | White                         | 83     | 49     |
| Nonwhite                          | 58     | 21     | Nonwhite                         | 261    | 159    | Nonwhite                      | 270    | 60     |
| Lansdowne                         | 1      | 63     | Pike                             | 4,215  | 2,340  | Barnwell                      | 447    | 152    |
| Balance of county                 | 1,577  | 1,429  | Pottter                          | 19     | 90     | White                         | 82     | 39     |
| Elk                               | 887    | 307    | Schuylkill                       | 1,746  | 501    | Nonwhite                      | 365    | 113    |
| Erie                              | 5,321  | 2,149  | Mahanoy City                     | 15     | 130    | Beaufort                      | 789    | 257    |
| Erie                              | 4,584  | 1,481  | Pottsville                       | 10     | 73     | White                         | 262    | 58     |
| Balance of county                 | 737    | 668    | Shenandoah                       | 2,423  | 1,545  | Nonwhite                      | 527    | 199    |
| Fayette                           | 4,302  | 1,787  | Tamaqua                          | 123    | 208    | Berkeley                      | 966    | 256    |
| Connellsville                     | 913    | 232    | Balance of county                | 1,840  | 754    | White                         | 194    | 61     |
| Uniontown                         | 1,687  | 475    | Snyder                           | 26     | 56     | Nonwhite                      | 672    | 195    |
| Balance of county                 | 1,692  | 1,080  | Somerset                         |        |        |                               |        |        |
| Forest                            | 38     | 39     | Sullivan                         |        |        |                               |        |        |

<sup>2</sup>Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE            | Births | Deaths | AREA AND RACE            | Births | Deaths | AREA AND RACE          | Births | Deaths |    |    |
|--------------------------|--------|--------|--------------------------|--------|--------|------------------------|--------|--------|----|----|
| SOUTH CAROLINA—Continued |        |        | SOUTH CAROLINA—Continued |        |        | SOUTH DAKOTA—Continued |        |        |    |    |
| Calhoun                  | 591    | 109    | Marion                   | 1,426  | 335    | Clark                  | 41     | 48     |    |    |
| White                    | 11     | 23     | White                    | 746    | 126    | Clay                   | 225    | 72     |    |    |
| Nonwhite                 | 580    | 86     | Nonwhite                 | 680    | 209    | Coddington             | 886    | 211    |    |    |
| Charleston               | 5,055  | 1,599  | Marlboro                 | 1,112  | 343    | Watertown              | 886    | 195    |    |    |
| White                    | 2,563  | 713    | White                    | 556    | 139    | Balance of county      | -      | 16     |    |    |
| Nonwhite                 | 2,492  | 886    | Nonwhite                 | 556    | 204    | Corson                 | 15     | 8      |    |    |
| Charleston               | 5,621  | 1,105  | Newberry                 | 829    | 225    | White                  | 10     | 8      |    |    |
| White                    | 2,201  | 539    | White                    | 494    | 127    | Nonwhite               | 5      | -      |    |    |
| Nonwhite                 | 1,420  | 564    | Nonwhite                 | 335    | 96     | Custer                 | 20     | 46     |    |    |
| Balance of county        | 1,434  | 496    | Oconee                   | 953    | 261    | Davison                | 958    | 266    |    |    |
| White                    | 562    | 174    | White                    | 854    | 207    | Mitchell               | 956    | 254    |    |    |
| Nonwhite                 | 1,072  | 322    | Nonwhite                 | 119    | 54     | Balance of county      | 2      | 12     |    |    |
| Cherokee                 | 851    | 229    | Orangeburg               | 2,168  | 688    | Day                    | 283    | 98     |    |    |
| White                    | 623    | 165    | White                    | 716    | 262    | Deuel                  | 19     | 43     |    |    |
| Nonwhite                 | 228    | 64     | Nonwhite                 | 1,452  | 426    | Dewey                  | 72     | 24     |    |    |
| Chester                  | 706    | 225    | Orangeburg               | 772    | 292    | White                  | 10     | 8      |    |    |
| White                    | 292    | 112    | White                    | 581    | 145    | Nonwhite               | 62     | 16     |    |    |
| Nonwhite                 | 414    | 113    | Nonwhite                 | 191    | 147    | Douglas                | 4      | 25     |    |    |
| Chesterfield             | 704    | 209    | Balance of county        | 1,396  | 396    | Edmunds                | 143    | 46     |    |    |
| White                    | 283    | 87     | White                    | 135    | 117    | Fall River             | 437    | 192    |    |    |
| Nonwhite                 | 421    | 122    | Nonwhite                 | 1,261  | 279    | Faulk                  | 74     | 33     |    |    |
| Clarendon                | 767    | 217    | Pickens                  | 848    | 213    | Grant                  | 216    | 71     |    |    |
| White                    | 71     | 36     | White                    | 528    | 162    | Gregory                | 252    | 80     |    |    |
| Nonwhite                 | 696    | 181    | Nonwhite                 | 120    | 51     | Haakon                 | 48     | 15     |    |    |
| Colleton                 | 801    | 251    | Richland                 | 4,519  | 2,292  | Hamlin                 | 60     | 48     |    |    |
| White                    | 359    | 112    | White                    | 3,072  | 1,154  | Hart                   | 172    | 49     |    |    |
| Nonwhite                 | 442    | 139    | Nonwhite                 | 1,447  | 1,138  | Hanson                 | 14     | 17     |    |    |
| Darlington               | 1,468  | 358    | Columbia                 | 3,486  | 1,341  | Harding                | 7      | 12     |    |    |
| White                    | 728    | 152    | White                    | 2,555  | 849    | Hughes                 | 467    | 115    |    |    |
| Nonwhite                 | 740    | 206    | Nonwhite                 | 931    | 492    | Rutchnson              | 361    | 81     |    |    |
| Dillon                   | 965    | 209    | Balance of county        | 1,033  | 951    | Kyde                   | 16     | 11     |    |    |
| White                    | 436    | 82     | White                    | 517    | 305    | Jackson                | 49     | 12     |    |    |
| Nonwhite                 | 529    | 127    | Nonwhite                 | 516    | 646    | Jerould                | 93     | 46     |    |    |
| Dorchester               | 664    | 174    | Saluda                   | 290    | 103    | Jones                  | 66     | 21     |    |    |
| White                    | 244    | 72     | White                    | 99     | 51     | Kingsbury              | 111    | 61     |    |    |
| Nonwhite                 | 420    | 102    | Nonwhite                 | 191    | 52     | Lake                   | 383    | 124    |    |    |
| Edgefield                | 449    | 116    | Spartanburg              | 3,741  | 1,044  | Lawrence               | 504    | 167    |    |    |
| White                    | 95     | 51     | White                    | 2,842  | 887    | Lincoln                | 189    | 100    |    |    |
| Nonwhite                 | 354    | 65     | Nonwhite                 | 899    | 357    | Lyman                  | 28     | 16     |    |    |
| Fairfield                | 554    | 138    | Spartanburg              | 2,680  | 595    | McCook                 | 21     | 44     |    |    |
| White                    | 181    | 49     | White                    | 2,239  | 392    | McPherson              | 232    | 75     |    |    |
| Nonwhite                 | 373    | 89     | Nonwhite                 | 441    | 203    | Marshall               | 292    | 84     |    |    |
| Florence                 | 2,581  | 818    | Balance of county        | 1,061  | 449    | Meade                  | 109    | 60     |    |    |
| White                    | 1,477  | 443    | White                    | 603    | 295    | Mellette               | 22     | 34     |    |    |
| Nonwhite                 | 1,104  | 375    | Nonwhite                 | 458    | 154    | White                  | -      | 19     |    |    |
| Florence                 | 1,353  | 500    | Sumter                   | 2,037  | 496    | Nonwhite               | 22     | 15     |    |    |
| White                    | 1,023  | 297    | White                    | 869    | 172    | Miner                  | 91     | 36     |    |    |
| Nonwhite                 | 510    | 203    | Nonwhite                 | 1,168  | 324    | Minnehaha              | 2,363  | 760    |    |    |
| Balance of county        | 1,249  | 318    | White                    | 1,108  | 247    | Sioux Falls            | 2,278  | 680    |    |    |
| White                    | 454    | 146    | Nonwhite                 | 836    | 121    | Balance of county      | 85     | 80     |    |    |
| Nonwhite                 | 794    | 172    | White                    | 272    | 126    | Moody                  | 156    | 57     |    |    |
| Georgetown               | 763    | 206    | Nonwhite                 | 929    | 249    | Pennington             | 1,123  | 322    |    |    |
| White                    | 211    | 76     | White                    | 35     | 51     | Rapid City             | 953    | 254    |    |    |
| Nonwhite                 | 552    | 130    | Nonwhite                 | 896    | 198    | Balance of county      | 170    | 68     |    |    |
| Greenville               | 4,714  | 1,348  | Union                    | 799    | 230    | Perkins                | 186    | 52     |    |    |
| White                    | 3,850  | 979    | White                    | 493    | 136    | Potter                 | 155    | 39     |    |    |
| Nonwhite                 | 864    | 367    | Nonwhite                 | 306    | 94     | Roberts                | 286    | 119    |    |    |
| Greenville               | 2,525  | 740    | Williamsburg             | 1,564  | 365    | Sanborn                | 2      | 18     |    |    |
| White                    | 1,940  | 493    | White                    | 508    | 130    | Shannon                | 189    | 51     |    |    |
| Nonwhite                 | 585    | 247    | Nonwhite                 | 1,056  | 235    | White                  | 2      | 2      |    |    |
| Balance of county        | 2,189  | 606    | White                    | 1,984  | 437    | Nonwhite               | 167    | 49     |    |    |
| White                    | 1,910  | 486    | Nonwhite                 | 1,165  | 277    | Spink                  | 174    | 107    |    |    |
| Nonwhite                 | 279    | 120    | Rock Hill                | 719    | 220    | Stanley                | -      | 12     |    |    |
| Greenwood                | 1,097  | 363    | White                    | 531    | 130    | Sully                  | 9      | 12     |    |    |
| White                    | 740    | 215    | Nonwhite                 | 411    | 79     | Todd                   | 102    | 39     |    |    |
| Nonwhite                 | 357    | 148    | White                    | 120    | 51     | White                  | -      | 4      |    |    |
| Greenwood                | 799    | 233    | Nonwhite                 | 1,353  | 367    | Nonwhite               | 102    | 35     |    |    |
| White                    | 612    | 140    | White                    | 754    | 198    | Tripp                  | 211    | 62     |    |    |
| Nonwhite                 | 187    | 93     | Nonwhite                 | 599    | 169    | Turner                 | 106    | 80     |    |    |
| Balance of county        | 298    | 130    | SOUTH DAKOTA             |        |        | 16,344                 | 5,711  | Union  | 17 | 55 |
| White                    | 128    | 75     | White                    | 15,633 | 5,469  | Walworth               | 549    | 86     |    |    |
| Nonwhite                 | 170    | 55     | Nonwhite                 | 661    | 242    | Washabaugh             | 4      | 2      |    |    |
| Hampton                  | 412    | 172    | White                    | -      | -      | White                  | 1      | -      |    |    |
| White                    | 70     | 59     | Nonwhite                 | -      | -      | Nonwhite               | 3      | 2      |    |    |
| Nonwhite                 | 342    | 113    | Armstrong                | -      | -      | Washington             | 3      | 1      |    |    |
| Horry                    | 1,711  | 395    | White                    | -      | -      | White                  | -      | -      |    |    |
| White                    | 1,194  | 244    | Nonwhite                 | -      | -      | Nonwhite               | 3      | 1      |    |    |
| Nonwhite                 | 517    | 139    | Aurora                   | 44     | 30     | Yankton                | 717    | 312    |    |    |
| Jasper                   | 339    | 114    | White                    | 693    | 210    | Ziebach                | 50     | 14     |    |    |
| White                    | 185    | 31     | Nonwhite                 | 689    | 191    | White                  | 36     | 6      |    |    |
| Nonwhite                 | 174    | 83     | Balance of county        | 4      | 18     | Nonwhite               | 14     | 8      |    |    |
| Kershaw                  | 868    | 285    | Bennett                  | 25     | 10     | TENNESSEE              |        |        |    |    |
| White                    | 361    | 122    | White                    | 22     | 6      | 84,153                 | 29,774 |        |    |    |
| Nonwhite                 | 507    | 163    | Nonwhite                 | 3      | 4      | 69,483                 | 22,851 |        |    |    |
| Lancaster                | 1,056  | 205    | Bon Homme                | 191    | 58     | 14,670                 | 6,823  |        |    |    |
| White                    | 782    | 123    | Brookings                | 481    | 141    | Anderson               | 1,505  | 267    |    |    |
| Nonwhite                 | 274    | 82     | Brown                    | 1,149  | 338    | Bedford                | 565    | 211    |    |    |
| Laurens                  | 804    | 316    | Aberdeen                 | 1,146  | 302    | White                  | 490    | 170    |    |    |
| White                    | 420    | 188    | Balance of county        | 3      | 36     | Nonwhite               | 75     | 41     |    |    |
| Nonwhite                 | 364    | 128    | Brule                    | 115    | 45     | Benton                 | 190    | 82     |    |    |
| Lee                      | 623    | 161    | Buffalo                  | 4      | 4      | Bledsoe                | 277    | 75     |    |    |
| White                    | 80     | 54     | White                    | -      | 1      | Blount                 | 1,369  | 345    |    |    |
| Nonwhite                 | 543    | 107    | Nonwhite                 | 4      | 3      | Bradley                | 958    | 264    |    |    |
| Lexington                | 732    | 259    | Butte                    | 226    | 58     | Cleveland              | 775    | 152    |    |    |
| White                    | 418    | 166    | Campbell                 | 6      | 18     | White                  | 723    | 137    |    |    |
| Nonwhite                 | 314    | 93     | Charles Mix              | 290    | 108    | Nonwhite               | 52     | 15     |    |    |
| McCormick                | 319    | 96     | White                    | 234    | 93     | Balance of county      | 183    | 112    |    |    |
| White                    | 98     | 30     | Nonwhite                 | 56     | 15     |                        |        |        |    |    |
| Nonwhite                 | 231    | 66     |                          |        |        |                        |        |        |    |    |

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE       | Births   | Deaths | AREA AND RACE        | Births   | Deaths | AREA AND RACE          | Births            | Deaths |       |
|---------------------|----------|--------|----------------------|----------|--------|------------------------|-------------------|--------|-------|
| TENNESSEE—Continued |          |        | TENNESSEE—Continued  |          |        | TEXAS                  |                   |        |       |
| Campbell            | 1,217    | 352    | McMinn               | 910      | 276    |                        | 196,347           | 64,077 |       |
| Cannon              | 279      | 103    | McMurry              | 490      | 134    | White                  | 170,729           | 55,341 |       |
| Carroll             | 550      | 203    | Macon                | 248      | 107    | Nonwhite               | 25,618            | 10,736 |       |
|                     | White    | 478    | Madison              | 1,615    | 617    | Anderson               | 753               | 315    |       |
|                     | Nonwhite | 72     |                      | White    | 1,010  | 492                    | 492               | 202    |       |
| Carber              | 1,078    | 256    | Jackson              | 605      | 252    | Nonwhite               | 261               | 113    |       |
| Cheatham            | 106      | 49     |                      | White    | 1,228  | 579                    | 579               | 215    |       |
| Chester             | 239      | 76     | Balance of county    | 927      | 274    | Palestine              | 443               | 143    |       |
|                     | White    | 200    |                      | White    | 301    | 161                    | 136               | 72     |       |
|                     | Nonwhite | 39     |                      | Nonwhite | 387    | 182                    | Balance of county | 174    | 100   |
| Claborne            | 418      | 165    |                      | White    | 83     | 91                     | White             | 49     | 59    |
| Clay                | 178      | 49     | Marion               | 428      | 119    | Nonwhite               | 125               | 41     |       |
| Cocke               | 626      | 242    | Marshall             | 461      | 175    | Andrews                | 121               | 25     |       |
| Coffee              | 527      | 148    |                      | White    | 402    | 157                    | Angelina          | 934    | 258   |
| Crockett            | 330      | 120    |                      | Nonwhite | 59     | 18                     | White             | 761    | 196   |
|                     | White    | 213    | Maury                | 985      | 360    | Nonwhite               | 173               | 62     |       |
|                     | Nonwhite | 117    |                      | White    | 776    | 251                    | Aransas           | 28     | 30    |
| Cumberland          | 440      | 119    |                      | Nonwhite | 209    | 109                    | Archer            | 37     | 31    |
| Davidson            | 8,022    | 3,557  | Columbia             | 635      | 159    | Armstrong              | 2                 | 10     |       |
|                     | White    | 6,430  |                      | White    | 570    | 117                    | Atascosa          | 497    | 148   |
|                     | Nonwhite | 1,592  | Balance of county    | 65       | 42     | Austin                 | 304               | 150    |       |
| Nashville           | 7,172    | 2,556  |                      | White    | 350    | 201                    | White             | 226    | 115   |
|                     | White    | 5,777  |                      | Nonwhite | 206    | 134                    | Nonwhite          | 79     | 35    |
|                     | Nonwhite | 1,445  | Moira                | 70       | 25     | Bailey                 | 149               | 54     |       |
| Balance of county   | 850      | 1,001  | Monroe               | 715      | 207    | Bandera                | 42                | 36     |       |
|                     | White    | 703    | Montgomery           | 981      | 312    | Bastrop                | 469               | 214    |       |
|                     | Nonwhite | 147    |                      | White    | 772    | 219                    | White             | 333    | 139   |
| Decatur             | 203      | 65     |                      | Nonwhite | 209    | 93                     | Nonwhite          | 158    | 75    |
| De Kalb             | 94       | 89     | Clarksville          | 722      | 173    | Baylor                 | 146               | 47     |       |
| Dickson             | 506      | 185    |                      | White    | 623    | 122                    | Bee               | 636    | 216   |
| Dyer                | 880      | 291    | Balance of county    | 99       | 51     | Bell                   | 1,546             | 650    |       |
|                     | White    | 783    |                      | White    | 289    | 139                    | White             | 1,404  | 549   |
|                     | Nonwhite | 97     |                      | Nonwhite | 149    | 97                     | Nonwhite          | 142    | 101   |
| Dyersburg           | 597      | 148    |                      | White    | 110    | 42                     | Temple            | 795    | 457   |
|                     | White    | 539    | Moore                | 23       | 33     | White                  | 702               | 359    |       |
|                     | Nonwhite | 58     | Morgan               | 290      | 100    | Nonwhite               | 93                | 78     |       |
| Balance of county   | 285      | 143    | Ohio                 | 500      | 246    | Balance of county      | 751               | 213    |       |
| Fayette             | 812      | 226    |                      | White    | 440    | 198                    | Bexar             | 15,093 | 4,738 |
|                     | White    | 163    | Overton              | 440      | 198    | San Antonio            | 14,269            | 4,215  |       |
|                     | Nonwhite | 649    |                      | White    | 80     | 48                     | White             | 13,483 | 3,877 |
| Fentress            | 392      | 82     | Perry                | 79       | 27     | Nonwhite               | 788               | 338    |       |
| Franklin            | 654      | 244    | Pickett              | 82       | 27     | Balance of county      | 824               | 523    |       |
|                     | White    | 622    | Polk                 | 416      | 101    | Blanco                 | 88                | 27     |       |
|                     | Nonwhite | 32     | Putnam               | 824      | 186    | Borden                 | 298               | 122    |       |
| Gibson              | 1,544    | 418    | Rhea                 | 376      | 137    | Bosque                 | 1,062             | 433    |       |
|                     | White    | 1,019  | Roane                | 308      | 130    | Bowie                  | 710               | 272    |       |
|                     | Nonwhite | 525    | Robertson            | 632      | 197    | White                  | 352               | 161    |       |
| Giles               | 593      | 252    |                      | White    | 520    | 158                    | Nonwhite          | 608    | 255   |
|                     | White    | 448    | Rutherford           | 112      | 39     | Texarkana <sup>7</sup> | 489               | 164    |       |
|                     | Nonwhite | 145    |                      | White    | 842    | 366                    | White             | 117    | 91    |
| Granger             | 219      | 98     | Scott                | 651      | 125    | Nonwhite               | 456               | 178    |       |
| Greene              | 1,170    | 391    | Sequatchie           | 157      | 30     | Balance of county      | 221               | 108    |       |
| Grundy              | 305      | 91     | Sevier               | 643      | 199    | White                  | 235               | 70     |       |
| Hamblan             | 609      | 192    | Shelby               | 13,178   | 5,242  | Nonwhite               | 1,029             | 239    |       |
| Hamilton            | 6,180    | 2,302  |                      | White    | 8,071  | 2,960                  | White             | 892    | 183   |
|                     | White    | 4,966  | Memphis              | 5,107    | 2,282  | Nonwhite               | 136               | 56     |       |
|                     | Nonwhite | 1,214  |                      | White    | 12,019 | 4,292                  | Brazos            | 1,194  | 266   |
| Chattanooga         | 5,607    | 1,911  | Balance of county    | 4,449    | 1,821  | White                  | 904               | 153    |       |
|                     | White    | 4,435  |                      | White    | 7,570  | 2,471                  | Nonwhite          | 290    | 113   |
|                     | Nonwhite | 1,172  |                      | Nonwhite | 4,449  | 1,821                  | Bryan             | 1,065  | 193   |
| Balance of county   | 573      | 391    |                      | White    | 1,159  | 950                    | White             | 886    | 117   |
| Hancock             | 229      | 54     |                      | Nonwhite | 501    | 489                    | Nonwhite          | 179    | 76    |
| Hardin              | 534      | 381    |                      | White    | 658    | 461                    | Balance of county | 129    | 73    |
|                     | White    | 221    | Smith                | 163      | 108    | White                  | 18                | 36     |       |
|                     | Nonwhite | 313    | Stewart              | 144      | 69     | Nonwhite               | 111               | 37     |       |
| Hardin              | 272      | 121    | Sullivan             | 2,324    | 549    | Brewster               | 244               | 73     |       |
| Hawkins             | 551      | 215    |                      | White    | 91     | 88                     | Briscoe           | 21     | 20    |
| Haywood             | 992      | 260    | Bristol <sup>6</sup> | 81       | 88     | Brooks                 | 354               | 81     |       |
|                     | White    | 406    | Kingsport            | 1,896    | 268    | Brown                  | 761               | 250    |       |
|                     | Nonwhite | 586    | Balance of county    | 337      | 193    | Brownwood              | 743               | 204    |       |
| Henderson           | 466      | 125    |                      | White    | 624    | 271                    | Balance of county | 18     | 56    |
| Henry               | 516      | 240    |                      | Nonwhite | 528    | 223                    | Burleson          | 202    | 117   |
|                     | White    | 438    | Summer               | 96       | 48     | White                  | 94                | 70     |       |
|                     | Nonwhite | 81     |                      | White    | 720    | 200                    | Nonwhite          | 108    | 47    |
| Hickman             | 227      | 80     | Tipton               | 375      | 99     | Burnet                 | 200               | 85     |       |
| Houston             | 97       | 42     |                      | White    | 345    | 101                    | Caldwell          | 594    | 200   |
| Humphreys           | 211      | 96     | Trousdale            | 101      | 34     | White                  | 499               | 163    |       |
| Jackson             | 246      | 80     |                      | White    | 108    | 27                     | Nonwhite          | 95     | 37    |
| Jefferson           | 511      | 168    | Unicoi               | 26       | 7      | Calhoun                | 131               | 46     |       |
| Johnson             | 288      | 79     | Union                | 117      | 57     | Callahan               | 117               | 66     |       |
| Knox                | 5,992    | 2,209  | Van Buren            | 55       | 23     | Cameron                | 4,951             | 1,171  |       |
|                     | White    | 5,481  | Warren               | 695      | 173    | Brownsville            | 1,416             | 361    |       |
|                     | Nonwhite | 511    | Washington           | 1,639    | 649    | Harlingen              | 1,092             | 267    |       |
| Knoxville           | 5,413    | 1,559  | Johnson City         | 1,320    | 403    | Balance of county      | 2,453             | 543    |       |
|                     | White    | 4,922  |                      | White    | 66     | 64                     | Camp              | 320    | 81    |
|                     | Nonwhite | 491    |                      | Nonwhite | 252    | 182                    | White             | 227    | 57    |
| Balance of county   | 579      | 650    | Wayne                | 345      | 81     | Nonwhite               | 93                | 24     |       |
| Lake                | 358      | 72     | Weakley              | 442      | 263    | Carson                 | 77                | 28     |       |
|                     | White    | 261    | White                | 452      | 130    | Cass                   | 664               | 219    |       |
|                     | Nonwhite | 97     | Williamson           | 554      | 200    | White                  | 413               | 126    |       |
| Lauderdale          | 468      | 182    |                      | White    | 414    | 158                    | Nonwhite          | 251    | 93    |
|                     | White    | 216    | Wilson               | 850      | 308    | Castro                 | 75                | 16     |       |
|                     | Nonwhite | 252    |                      | White    | 750    | 282                    | Chambers          | 95     | 37    |
| Lawrence            | 804      | 216    |                      | Nonwhite | 100    | 46                     | White             | 59     | 25    |
| Lewis               | 277      | 50     |                      | White    | 850    | 308                    | Nonwhite          | 36     | 12    |
| Lincoln             | 723      | 230    |                      | Nonwhite | 750    | 282                    | Cherokee          | 881    | 586   |
|                     | White    | 601    |                      | White    | 100    | 46                     | White             | 676    | 380   |
|                     | Nonwhite | 122    |                      | Nonwhite |        |                        | Nonwhite          | 205    | 206   |
| Loudon              | 560      | 183    |                      |          |        |                        |                   |        |       |

<sup>6</sup>Includes data for Bristol, Tenn., only.

<sup>7</sup>Includes data for Texarkana, Tex., only.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE     | Births | Deaths | AREA AND RACE     | Births | Deaths | AREA AND RACE       | Births | Deaths |
|-------------------|--------|--------|-------------------|--------|--------|---------------------|--------|--------|
| TEXAS—Continued   |        |        | TEXAS—Continued   |        |        | TEXAS—Continued     |        |        |
| Childress         | 220    | 87     | Gray—Continued    |        |        | Jefferson—Continued |        |        |
| Clay              | 33     | 45     | Balance of county | 24     | 20     | Beaumont            | 2,677  | 889    |
| Cochran           | 141    | 38     | Grayson           | 1,648  | 720    | White               | 2,018  | 573    |
| Coke              | 50     | 15     | Denison           | 669    | 257    | Nonwhite            | 659    | 316    |
| Coleman           | 331    | 133    | White             | 602    | 189    | Port Arthur         | 2,213  | 415    |
| Collin            | 786    | 495    | Nonwhite          | 67     | 68     | White               | 1,794  | 309    |
| Collingsworth     | 229    | 68     | Sherman           | 797    | 309    | Nonwhite            | 419    | 106    |
| Colorado          | 327    | 165    | White             | 747    | 260    | Balance of county   | 220    | 182    |
| White             | 234    | 103    | Nonwhite          | 50     | 29     | White               | 114    | 140    |
| Nonwhite          | 93     | 62     | Balance of county | 182    | 154    | Nonwhite            | 106    | 42     |
| Comal             | 453    | 151    | Gregg             | 1,760  | 467    | Jim Hogg            | 125    | 33     |
| Comanche          | 126    | 105    | White             | 1,305  | 330    | Jim Wells           | 900    | 206    |
| Concho            | 55     | 18     | Nonwhite          | 457    | 137    | Johnson             | 678    | 281    |
| Cooke             | 558    | 202    | Longview          | 1,025  | 221    | Cleburne            | 591    | 162    |
| Coryell           | 285    | 123    | White             | 690    | 154    | Balance of county   | 87     | 119    |
| Cottle            | 158    | 64     | Nonwhite          | 345    | 67     | Jones               | 413    | 171    |
| Crane             | 87     | 23     | Balance of county | 735    | 246    | Karnes              | 472    | 154    |
| Crockett          | 50     | 12     | White             | 623    | 176    | Kauffman            | 713    | 499    |
| Crosby            | 271    | 75     | Nonwhite          | 112    | 70     | White               | 483    | 392    |
| Culberson         | 37     | 10     | Grimes            | 402    | 168    | Nonwhite            | 230    | 107    |
| Dallam            | 7      | 28     | White             | 217    | 83     | Terrell             | 397    | 334    |
| Dallas            | 14,292 | 4,645  | Nonwhite          | 185    | 85     | White               | 294    | 261    |
| White             | 12,104 | 3,820  | Guadalupe         | 636    | 262    | Nonwhite            | 103    | 73     |
| Nonwhite          | 2,188  | 825    | White             | 531    | 205    | Balance of county   | 316    | 165    |
| Dallas            | 13,876 | 3,911  | Nonwhite          | 105    | 57     | White               | 189    | 131    |
| White             | 11,815 | 3,191  | Hale              | 658    | 218    | Nonwhite            | 127    | 34     |
| Nonwhite          | 2,061  | 720    | Hall              | 300    | 94     | Kendall             | 42     | 49     |
| Highland Park     | -      | 61     | Hamilton          | 192    | 106    | Kenedy              | 6      | 2      |
| White             | -      | 8      | Hansford          | 29     | 6      | Kent                | 23     | 11     |
| Nonwhite          | -      | 5      | Hardeman          | 283    | 94     | Kerr                | 268    | 289    |
| University Park   | -      | 70     | Hardin            | 413    | 147    | Kimble              | 58     | 20     |
| Balance of county | 416    | 603    | White             | 338    | 109    | King                | 3      | 5      |
| White             | 289    | 505    | Nonwhite          | 75     | 38     | Klmeey              | 38     | 15     |
| Nonwhite          | 127    | 98     | Harris            | 19,475 | 6,039  | Klberg              | 676    | 145    |
| Dawson            | 710    | 178    | White             | 15,455 | 4,492  | Knox                | 318    | 78     |
| Deaf Smith        | 264    | 55     | Nonwhite          | 4,020  | 1,557  | Lamar               | 1,296  | 517    |
| Delta             | 110    | 55     | Houston           | 17,450 | 5,297  | White               | 1,043  | 417    |
| Denton            | 769    | 329    | White             | 13,622 | 3,066  | Nonwhite            | 253    | 100    |
| White             | 537    | 191    | Nonwhite          | 3,828  | 1,429  | Paris               | 966    | 580    |
| Nonwhite          | 497    | 169    | Balance of county | 2,025  | 742    | White               | 612    | 311    |
| Balance of county | 710    | 22     | White             | 1,835  | 614    | Nonwhite            | 154    | 69     |
| De Witt           | 521    | 265    | Nonwhite          | 192    | 188    | Balance of county   | 330    | 137    |
| White             | 461    | 212    | Harrison          | 1,184  | 434    | White               | 231    | 106    |
| Nonwhite          | 80     | 53     | White             | 444    | 182    | Nonwhite            | 99     | 31     |
| Dickens           | 104    | 51     | Nonwhite          | 740    | 252    | Lamb                | 739    | 160    |
| Dimmit            | 298    | 76     | Marshall          | 716    | 280    | Lampasas            | 236    | 96     |
| Donley            | 50     | 29     | White             | 425    | 143    | La Salle            | 297    | 64     |
| Duval             | 467    | 98     | Nonwhite          | 291    | 137    | Lavaca              | 659    | 252    |
| Eastland          | 805    | 281    | Balance of county | 468    | 154    | White               | 597    | 218    |
| Ector             | 1,008  | 136    | White             | 19     | 39     | Nonwhite            | 62     | 34     |
| Edwards           | 41     | 21     | Hartley           | 449    | 115    | Lee                 | 77     | 68     |
| Ellis             | 914    | 414    | Haskell           | 221    | 50     | White               | 37     | 45     |
| White             | 698    | 296    | Hays              | 236    | 85     | Nonwhite            | 40     | 23     |
| Nonwhite          | 215    | 118    | Hemphill          | 431    | 145    | Leon                | 158    | 114    |
| El Paso           | 6,821  | 1,691  | Henderson         | 72     | 19     | White               | 53     | 66     |
| El Paso           | 5,066  | 1,382  | White             | 488    | 181    | Nonwhite            | 105    | 48     |
| Balance of county | 1,755  | 309    | Nonwhite          | 356    | 135    | Liberty             | 852    | 229    |
| Erath             | 381    | 149    | Hidalgo           | 132    | 46     | White               | 667    | 174    |
| Falls             | 649    | 358    | White             | 6,779  | 1,814  | Nonwhite            | 185    | 55     |
| White             | 442    | 225    | McAllen           | 1,106  | 269    | Limestone           | 479    | 257    |
| Nonwhite          | 207    | 133    | Balance of county | 5,671  | 1,545  | White               | 285    | 170    |
| Fannin            | 622    | 317    | Hill              | 499    | 274    | Nonwhite            | 194    | 87     |
| White             | 559    | 257    | White             | 377    | 225    | Lipscomb            | 53     | 25     |
| Nonwhite          | 64     | 60     | Nonwhite          | 122    | 49     | Live Oak            | 203    | 72     |
| Fayette           | 410    | 251    | Hockley           | 428    | 90     | Ilano               | 104    | 47     |
| White             | 296    | 195    | Hood              | 66     | 40     | Loving              | -      | -      |
| Nonwhite          | 114    | 56     | Hopkins           | 498    | 195    | Lubbock             | 2,963  | 653    |
| Fisher            | 278    | 70     | White             | 422    | 177    | Balance of county   | 2,514  | 536    |
| Floyd             | 169    | 63     | Nonwhite          | 76     | 18     | Lynn                | 449    | 117    |
| Foard             | 77     | 33     | Houston           | 547    | 194    | McCulloch           | 177    | 51     |
| Fort Bend         | 624    | 270    | White             | 313    | 115    | McLennan            | 403    | 189    |
| White             | 467    | 170    | Nonwhite          | 234    | 79     | White               | 2,990  | 1,177  |
| Nonwhite          | 157    | 100    | Howard            | 697    | 245    | Nonwhite            | 2,533  | 917    |
| Franklin          | 75     | 48     | Big Spring        | 693    | 194    | Waco                | 647    | 260    |
| Freestone         | 293    | 138    | Balance of county | 4      | 51     | White               | 2,667  | 819    |
| White             | 138    | 72     | Hudspeth          | 152    | 17     | Nonwhite            | 2,179  | 643    |
| Nonwhite          | 160    | 66     | Bunt              | 1,028  | 393    | Balance of county   | 488    | 176    |
| Erio              | 400    | 101    | White             | 858    | 323    | White               | 313    | 359    |
| Galveston         | 2,972  | 1,256  | Nonwhite          | 170    | 70     | Nonwhite            | 154    | 274    |
| White             | 2,291  | 935    | Greenville        | 723    | 199    | McMillen            | 189    | 84     |
| Nonwhite          | 681    | 321    | White             | 551    | 151    | Madison             | 18     | 6      |
| Galveston         | 2,386  | 1,085  | Nonwhite          | 132    | 48     | White               | 137    | 84     |
| White             | 1,711  | 781    | Balance of county | 305    | 194    | Nonwhite            | 74     | 53     |
| Nonwhite          | 675    | 304    | White             | 267    | 172    | Marion              | 63     | 31     |
| Balance of county | 586    | 171    | Nonwhite          | 36     | 22     | White               | 240    | 84     |
| White             | 580    | 154    | Hutchinson        | 944    | 225    | Nonwhite            | 77     | 35     |
| Nonwhite          | 6      | 17     | Borger            | 798    | 101    | Martin              | 163    | 49     |
| Gerza             | 97     | 27     | Balance of county | 146    | 24     | Mason               | 154    | 31     |
| Gillespie         | 552    | 122    | Irion             | 17     | 11     | Metagorda           | 30     | 33     |
| Glancock          | -      | 6      | Jack              | 124    | 67     | White               | 630    | 162    |
| Goliad            | 110    | 51     | White             | 202    | 73     | Nonwhite            | 491    | 156    |
| White             | 89     | 42     | Nonwhite          | 159    | 63     | Maverick            | 139    | 46     |
| Nonwhite          | 21     | 9      | Jasper            | 44     | 10     | Medina              | 408    | 126    |
| Gonzales          | 488    | 231    | White             | 583    | 150    | Menard              | 497    | 133    |
| White             | 590    | 170    | Nonwhite          | 418    | 122    | Midland             | 76     | 24     |
| Nonwhite          | 98     | 52     | Jeff Davis        | 175    | 68     | Mills               | 528    | 129    |
| Gray              | 755    | 181    | Jefferson         | 46     | 21     | White               | 612    | 227    |
| White             | 711    | 161    | White             | 3,310  | 1,496  | Nonwhite            | 573    | 162    |
| Nonwhite          | -      | -      | Nonwhite          | 3,926  | 1,022  | Mills               | 139    | 65     |
|                   |        |        |                   | 1,384  | 464    |                     | 10     | 38     |

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE     | Births | Deaths | AREA AND RACE     | Births | Deaths | AREA AND RACE          | Births | Deaths |
|-------------------|--------|--------|-------------------|--------|--------|------------------------|--------|--------|
| TEXAS—Continued   |        |        | TEXAS—Continued   |        |        | UTAH                   |        |        |
| Mitchell          | 348    | 119    | Smith—Continued   |        |        |                        | 20,989 | 5,195  |
| Montague          | 329    | 151    | Balance of county | 357    | 197    | White                  | 20,648 | 5,069  |
| Montgomery        | 535    | 204    | White             | 85     | 117    | Nonwhite               | 321    | 124    |
| White             | 394    | 144    | Nonwhite          | 272    | 80     | Beaver                 | 86     | 29     |
| Nonwhite          | 141    | 60     | Scmervell         | 27     | 25     | Box Elder              | 613    | 127    |
| Moore             | 148    | 44     | Starr             | 529    | 115    | Cacho                  | 1,169  | 243    |
| Morris            | 128    | 66     | Stephens          | 198    | 85     | Logan                  | 1,127  | 152    |
| White             | 67     | 47     | Sterling          | 15     | 15     | Balance of county      | 42     | 91     |
| Nonwhite          | 61     | 19     | Stonewall         | 24     | 15     | Carbon                 | 878    | 174    |
| Notley            | 161    | 39     | Sutton            | 103    | 18     | Daggett                | -      | -      |
| Nacogdoches       | 702    | 215    | Swisher           | 147    | 37     | Davis                  | 196    | 90     |
| White             | 465    | 160    | Tarrant           | 8,606  | 2,790  | Duchess                | 301    | 44     |
| Nonwhite          | 217    | 55     | White             | 7,603  | 2,326  | Emery                  | 7      | 30     |
| Navarro           | 917    | 391    | Nonwhite          | 1,003  | 464    | Garfield               | 145    | 32     |
| White             | 668    | 273    | Fort Worth        | 8,289  | 2,498  | Grand                  | 50     | 14     |
| Nonwhite          | 249    | 118    | White             | 7,290  | 2,054  | Iron                   | 439    | 87     |
| Corsicana         | 732    | 259    | Nonwhite          | 979    | 444    | Junb                   | 15     | 40     |
| White             | 596    | 177    | Balance of county | 337    | 232    | Kane                   | 62     | 19     |
| Nonwhite          | 136    | 82     | Taylor            | 1,596  | 539    | Millard                | 227    | 52     |
| Balance of county | 185    | 132    | Abilene           | 1,464  | 406    | Morgan                 | -      | 10     |
| White             | 72     | 96     | Balance of county | 132    | 133    | Plute                  | 9      | 11     |
| Nonwhite          | 113    | 36     | Ferrrell          | 56     | 1      | Rich                   | -      | 8      |
| Newton            | 166    | 64     | Ferry             | 424    | 93     | Salt Lake              | 8,586  | 2,328  |
| White             | 62     | 27     | Shrockmorton      | 8      | 18     | Salt Lake City         | 7,669  | 1,995  |
| Nonwhite          | 104    | 37     | Titus             | 354    | 120    | Balance of county      | 917    | 353    |
| Nolan             | 537    | 181    | White             | 257    | 101    | San Juan               | 107    | 15     |
| Sweetwater        | 399    | 128    | Nonwhite          | 77     | 19     | White                  | 100    | 13     |
| Balance of county | 148    | 55     | Tom Green         | 1,872  | 558    | Nonwhite               | 7      | 2      |
| Nueces            | 5,287  | 1,150  | San Angelo        | 1,451  | 414    | Sanpete                | 326    | 111    |
| Corpus Christi    | 3,984  | 849    | Balance of county | 421    | 124    | Sevier                 | 550    | 97     |
| Balance of county | 1,323  | 301    | Travis            | 3,925  | 1,459  | Summit                 | 257    | 66     |
| Ochiltree         | 288    | 60     | White             | 3,318  | 1,127  | Tooele                 | 390    | 110    |
| Oldham            | -      | 7      | Nonwhite          | 605    | 332    | Utah                   | 325    | 84     |
| Orange            | 1,274  | 190    | Austin            | 3,845  | 1,362  | White                  | 282    | 68     |
| White             | 1,117  | 151    | White             | 3,285  | 1,048  | Nonwhite               | 45     | 16     |
| Nonwhite          | 157    | 39     | Nonwhite          | 560    | 314    | Utah                   | 2,683  | 589    |
| Palo Pinto        | 440    | 196    | Balance of county | 76     | 97     | Provo                  | 1,337  | 258    |
| Panola            | 153    | 120    | White             | 53     | 79     | Balance of county      | 1,346  | 331    |
| White             | 49     | 64     | Nonwhite          | 25     | 18     | Wasatch                | 182    | 44     |
| Nonwhite          | 104    | 56     | Trinity           | 123    | 61     | Washington             | 277    | 66     |
| Parker            | 338    | 165    | White             | 90     | 45     | Wayne                  | 9      | 9      |
| Parmer            | 52     | 20     | Nonwhite          | 43     | 36     | Weber                  | 3,080  | 666    |
| Pecos             | 255    | 52     | Tyler             | 209    | 64     | Ogden                  | 3,078  | 573    |
| Polk              | 398    | 158    | White             | 154    | 56     | Balance of county      | 2      | 93     |
| White             | 256    | 97     | Nonwhite          | 55     | 8      | VERMONT                | 9,006  | 4,045  |
| Nonwhite          | 142    | 61     | Upshur            | 573    | 146    | White                  | 9,006  | 4,041  |
| Potter            | 2,361  | 640    | White             | 399    | 89     | Nonwhite               | 1      | 4      |
| Amarillo (part)   | 2,361  | 594    | Nonwhite          | 174    | 57     | Addison                | 375    | 140    |
| Amarillo (total)  | 2,361  | 596    | Upton             | 91     | 29     | Bennington             | 538    | 289    |
| Balance of county | -      | 46     | Uvalde            | 492    | 140    | Caledonia              | 639    | 299    |
| Presidio          | 232    | 37     | Val Verde         | 567    | 180    | Chittenden             | 2,026  | 618    |
| Reins             | 31     | 10     | Del Rio           | 562    | 171    | Burlington             | 1,647  | 429    |
| Randall           | 168    | 44     | Balance of county | 5      | 9      | Balance of county      | 379    | 189    |
| Amarillo (part)   | -      | 2      | Van Sandt         | 392    | 197    | Essex                  | 60     | 36     |
| Balance of county | 163    | 42     | Victoria          | 939    | 270    | Franklin               | 740    | 285    |
| Reagan            | 43     | 6      | White             | 628    | 231    | Grand Isle             | 23     | 32     |
| Roal              | 10     | 18     | Nonwhite          | 111    | 39     | Lemolle                | 275    | 82     |
| Red River         | 482    | 200    | Victoria          | 653    | 211    | Orange                 | 259    | 163    |
| White             | 305    | 144    | White             | 759    | 182    | Orleans                | 661    | 216    |
| Nonwhite          | 147    | 56     | Nonwhite          | 94     | 29     | Rutland                | 992    | 566    |
| Reeves            | 383    | 99     | Balance of county | 86     | 59     | Burland                | 794    | 291    |
| Refugio           | 276    | 74     | White             | 69     | 49     | Balance of county      | 168    | 275    |
| White             | 241    | 66     | Nonwhite          | 17     | 10     | Washington             | 1,096  | 511    |
| Nonwhite          | 35     | 8      | Walker            | 415    | 167    | Barre                  | 590    | 141    |
| Roberts           | -      | 6      | White             | 252    | 95     | Balance of county      | 516    | 370    |
| Robertson         | 436    | 216    | Nonwhite          | 163    | 72     | Windham                | 719    | 412    |
| White             | 178    | 93     | Waller            | 147    | 70     | Windsor                | 614    | 396    |
| Nonwhite          | 258    | 123    | White             | 36     | 21     | VIRGINIA <sup>6</sup>  | 79,260 | 28,907 |
| Rockwall          | 69     | 39     | Nonwhite          | 111    | 49     | White                  | 58,497 | 19,984 |
| White             | 29     | 29     | Ward              | 518    | 96     | Nonwhite               | 20,763 | 8,923  |
| Nonwhite          | 40     | 10     | Washington        | 580    | 246    | Accomack               | 450    | 330    |
| Rummels           | 341    | 130    | White             | 384    | 159    | White                  | 181    | 186    |
| Rusk              | 888    | 286    | Nonwhite          | 196    | 87     | Nonwhite               | 269    | 134    |
| White             | 613    | 183    | Webb              | 2,027  | 490    | Albemarle              | 1,649  | 552    |
| Nonwhite          | 285    | 103    | Laredo            | 1,995  | 464    | White                  | 1,179  | 400    |
| Sabins            | 132    | 63     | Balance of county | 34     | 26     | Nonwhite               | 470    | 152    |
| White             | 94     | 43     | Wharton           | 1,273  | 568    | Alleghany              | 456    | 159    |
| Nonwhite          | 38     | 20     | White             | 1,053  | 267    | Amelia                 | 169    | 69     |
| San Augustine     | 176    | 78     | Nonwhite          | 226    | 101    | White                  | 49     | 27     |
| White             | 80     | 42     | Wheeler           | 271    | 85     | Nonwhite               | 121    | 42     |
| Nonwhite          | 96     | 36     | Wichita Falls     | 2,112  | 629    | Amherst                | 168    | 196    |
| San Jacinto       | 80     | 48     | Balance of county | 2,007  | 542    | White                  | 65     | 147    |
| White             | 7      | 13     | White             | 105    | 287    | Nonwhite               | 103    | 49     |
| Nonwhite          | 73     | 35     | Wilbergor         | 524    | 121    | Appomattox             | 100    | 70     |
| San Patricio      | 1,185  | 356    | Willacy           | 865    | 277    | White                  | 53     | 48     |
| San Saba          | 244    | 66     | Williamson        | 946    | 372    | Nonwhite               | 47     | 22     |
| Schleicher        | 44     | 13     | White             | 737    | 304    | Arlington <sup>6</sup> | 1,557  | 474    |
| Scurry            | 203    | 57     | Nonwhite          | 209    | 68     | Augusta                | 566    | 342    |
| Shackelford       | 19     | 29     | Wilson            | 402    | 135    | Bath                   | 126    | 60     |
| Shelby            | 542    | 175    | Winkler           | 257    | 39     | White                  | 117    | 54     |
| White             | 391    | 130    | Wise              | 297    | 142    | Nonwhite               | 11     | 6      |
| Nonwhite          | 151    | 45     | Wood              | 378    | 166    | Yoakum                 | 5      | 2      |
| Sherman           | 14     | 3      | White             | 325    | 137    | Young                  | 312    | 135    |
| Smith             | 1,787  | 538    | Nonwhite          | 53     | 29     | Zapata                 | 105    | 22     |
| White             | 1,168  | 346    | Zavala            | 402    | 104    |                        |        |        |
| Nonwhite          | 619    | 192    |                   |        |        |                        |        |        |
| Taylor            | 1,430  | 341    |                   |        |        |                        |        |        |
| White             | 1,003  | 229    |                   |        |        |                        |        |        |
| Nonwhite          | 347    | 112    |                   |        |        |                        |        |        |

<sup>6</sup>Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of this State.

<sup>6</sup>Classified as urban under a special rule in the 1940 census.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE                    | Births | Deaths | AREA AND RACE                    | Births | Deaths | AREA AND RACE                    | Births | Deaths |
|----------------------------------|--------|--------|----------------------------------|--------|--------|----------------------------------|--------|--------|
| VIRGINIA <sup>9</sup> —Continued |        |        | VIRGINIA <sup>9</sup> —Continued |        |        | VIRGINIA <sup>9</sup> —Continued |        |        |
| Bedford                          | 468    | 297    | James City                       | 88     | 39     | Russell                          | 716    | 197    |
| White                            | 345    | 215    | White                            | 5      | 14     | Scott                            | 223    | 140    |
| Nonwhite                         | 143    | 78     | Nonwhite                         | 83     | 24     | Shenandoah                       | 435    | 223    |
| Bland                            | 86     | 24     | King and Queen                   | 93     | 46     | Smyth                            | 911    | 328    |
| Botetourt                        | 157    | 116    | White                            | 16     | 16     | Southampton                      | 757    | 230    |
| White                            | 132    | 98     | Nonwhite                         | 77     | 30     | White                            | 203    | 90     |
| Nonwhite                         | 25     | 18     | King George                      | 63     | 30     | Nonwhite                         | 554    | 140    |
| Brunswick                        | 391    | 142    | White                            | 23     | 23     | Spotsylvania                     | 73     | 64     |
| White                            | 62     | 51     | Nonwhite                         | 40     | 7      | White                            | 18     | 45     |
| Nonwhite                         | 329    | 91     | King William                     | 98     | 79     | Nonwhite                         | 55     | 19     |
| Buchanan                         | 1,149  | 218    | White                            | 17     | 37     | Stafford                         | 56     | 83     |
| Buckingham                       | 189    | 105    | Nonwhite                         | 82     | 42     | White                            | 17     | 57     |
| White                            | 46     | 57     | Lancaster                        | 151    | 77     | Nonwhite                         | 39     | 26     |
| Nonwhite                         | 143    | 48     | White                            | 67     | 40     | Surry                            | 118    | 48     |
| Campbell                         | 349    | 185    | Nonwhite                         | 84     | 37     | White                            | 12     | 16     |
| White                            | 212    | 105    | Lee                              | 920    | 284    | Nonwhite                         | 106    | 32     |
| Nonwhite                         | 137    | 60     | Loudoun                          | 498    | 202    | Sussex                           | 248    | 92     |
| Caroline                         | 238    | 98     | White                            | 377    | 151    | White                            | 14     | 23     |
| White                            | 53     | 47     | Nonwhite                         | 121    | 51     | Nonwhite                         | 234    | 69     |
| Nonwhite                         | 185    | 51     | Louisiana                        | 242    | 104    | Taxewell                         | 1,563  | 429    |
| Carroll                          | 410    | 122    | White                            | 127    | 58     | Warren                           | 433    | 106    |
| Charles City                     | 119    | 35     | Nonwhite                         | 115    | 46     | Warwick                          | 148    | 108    |
| White                            | 9      | 7      | Lunenburg                        | 248    | 113    | White                            | 7      | 64     |
| Nonwhite                         | 110    | 26     | White                            | 83     | 66     | Nonwhite                         | 141    | 44     |
| Charlotte                        | 221    | 125    | Nonwhite                         | 165    | 47     | Washington                       | 770    | 290    |
| White                            | 61     | 46     | Madison                          | 51     | 65     | Westmoreland                     | 174    | 89     |
| Nonwhite                         | 160    | 79     | White                            | 29     | 45     | White                            | 40     | 51     |
| Chesterfield                     | 175    | 401    | Nonwhite                         | 22     | 20     | Nonwhite                         | 154    | 38     |
| White                            | 25     | 289    | Mathews                          | 49     | 59     | Wise                             | 1,800  | 444    |
| Nonwhite                         | 150    | 113    | White                            | 12     | 32     | Wythe                            | 596    | 210    |
| Clarke                           | 38     | 62     | Nonwhite                         | 37     | 27     | York                             | 70     | 46     |
| White                            | 23     | 49     | Mecklenburg                      | 658    | 248    | White                            | 8      | 24     |
| Nonwhite                         | 15     | 14     | White                            | 137    | 99     | Nonwhite                         | 62     | 22     |
| Craig                            | 29     | 26     | Nonwhite                         | 521    | 149    | Independent Cities <sup>10</sup> |        |        |
| Culpeper                         | 161    | 99     | Middlesex                        | 63     | 84     | Alexandria                       | 1,933  | 451    |
| White                            | 75     | 55     | White                            | 4      | 47     | White                            | 1,719  | 336    |
| Nonwhite                         | 86     | 54     | Nonwhite                         | 59     | 37     | Nonwhite                         | 215    | 95     |
| Cumberland                       | 129    | 56     | Montgomery                       | 556    | 203    | Bristol <sup>11</sup>            | 1,188  | 258    |
| White                            | 21     | 19     | White                            | 447    | 225    | White                            | 1,137  | 221    |
| Nonwhite                         | 108    | 39     | Nonwhite                         | 29     | 60     | Nonwhite                         | 51     | 17     |
| Dickenson                        | 761    | 131    | Muschoond                        | 418    | 165    | Buena Vista                      | 49     | 24     |
| Dinwiddie                        | 270    | 429    | White                            | 130    | 91     | White                            | 455    | 183    |
| White                            | 37     | 31     | Nonwhite                         | 49     | 62     | Nonwhite                         | 440    | 147    |
| Nonwhite                         | 233    | 398    | New Kent                         | 61     | 29     | White                            | 15     | 36     |
| Elizabeth City                   | 601    | 379    | White                            | 53     | 31     | Nonwhite                         | 409    | 165    |
| White                            | 461    | 223    | Nonwhite                         | 3      | 21     | Clifton Forge                    | 365    | 132    |
| Nonwhite                         | 140    | 156    | Norfolk                          | 50     | 10     | White                            | 44     | 33     |
| Essex                            | 96     | 68     | White                            | 2,193  | 435    | Nonwhite                         | 1,819  | 539    |
| White                            | 17     | 25     | Nonwhite                         | 1,692  | 311    | Danville                         | 1,460  | 373    |
| Nonwhite                         | 79     | 43     | Northampton                      | 501    | 124    | White                            | 359    | 166    |
| Fairfax                          | 513    | 308    | White                            | 682    | 285    | Nonwhite                         | 792    | 171    |
| White                            | 449    | 249    | Nonwhite                         | 353    | 144    | Fredericksburg                   | 666    | 156    |
| Nonwhite                         | 64     | 59     | Northumberland                   | 329    | 141    | White                            | 126    | 35     |
| Fauquier                         | 567    | 208    | White                            | 155    | 106    | Nonwhite                         | 779    | 184    |
| White                            | 410    | 149    | Nonwhite                         | 49     | 53     | Hampton                          | 547    | 96     |
| Nonwhite                         | 157    | 59     | Nottoway                         | 106    | 53     | White                            | 232    | 88     |
| Floyd                            | 120    | 65     | White                            | 209    | 199    | Nonwhite                         | 779    | 184    |
| Fluvanna                         | 93     | 58     | Nonwhite                         | 47     | 66     | Harrisonburg                     | 1,169  | 251    |
| White                            | 24     | 36     | Orange                           | 162    | 33     | White                            | 279    | 74     |
| Nonwhite                         | 69     | 20     | White                            | 151    | 96     | Nonwhite                         | 262    | 63     |
| Franklin                         | 491    | 173    | Nonwhite                         | 51     | 33     | Hopewell                         | 11     | 11     |
| White                            | 396    | 139    | Page                             | 316    | 124    | Lynchburg                        | 2,284  | 633    |
| Nonwhite                         | 95     | 34     | Patrick                          | 446    | 95     | White                            | 1,785  | 458    |
| Frederick                        | 27     | 34     | Pittsylvania                     | 859    | 358    | Nonwhite                         | 529    | 175    |
| Giles                            | 494    | 136    | White                            | 229    | 207    | Martinsville                     | 831    | 176    |
| Gloucester                       | 94     | 93     | Nonwhite                         | 630    | 151    | White                            | 618    | 120    |
| White                            | 31     | 55     | Powhatan                         | 75     | 45     | Nonwhite                         | 213    | 56     |
| Nonwhite                         | 63     | 38     | White                            | 13     | 21     | Newport News                     | 2,826  | 542    |
| Goochland                        | 141    | 87     | Nonwhite                         | 62     | 24     | White                            | 2,057  | 288    |
| White                            | 39     | 38     | Prince Edward                    | 705    | 188    | Nonwhite                         | 769    | 254    |
| Nonwhite                         | 102    | 49     | White                            | 440    | 94     | Norfolk                          | 6,030  | 2,012  |
| Grayson                          | 453    | 168    | Nonwhite                         | 265    | 95     | White                            | 4,339  | 1,152  |
| Greene                           | 27     | 29     | Prince George                    | 439    | 77     | Nonwhite                         | 1,711  | 860    |
| White                            | 17     | 19     | White                            | 276    | 35     | Petersburg                       | 1,126  | 470    |
| Nonwhite                         | 10     | 10     | Nonwhite                         | 163    | 42     | White                            | 746    | 249    |
| Greensville                      | 391    | 111    | Prince William                   | 487    | 122    | Nonwhite                         | 380    | 221    |
| White                            | 39     | 58     | White                            | 444    | 97     | Portsmouth                       | 2,383  | 690    |
| Nonwhite                         | 352    | 75     | Nonwhite                         | 43     | 25     | White                            | 1,518  | 348    |
| Halifax                          | 1,077  | 342    | Princess Anne                    | 391    | 358    | Nonwhite                         | 865    | 342    |
| White                            | 515    | 161    | White                            | 108    | 178    | Bedford                          | 738    | 112    |
| Nonwhite                         | 562    | 181    | Nonwhite                         | 283    | 180    | Richmond                         | 8,566  | 3,119  |
| Hanover                          | 233    | 174    | Pulaski                          | 702    | 208    | White                            | 6,164  | 2,020  |
| White                            | 62     | 111    | White                            | 65     | 45     | Nonwhite                         | 2,402  | 1,089  |
| Nonwhite                         | 171    | 63     | Nonwhite                         | 56     | 30     | Roanoke                          | 3,473  | 1,001  |
| Henrico                          | 110    | 198    | Reppahamock                      | 9      | 15     | White                            | 3,011  | 797    |
| White                            | 44     | 162    | White                            | 101    | 55     | Nonwhite                         | 462    | 204    |
| Nonwhite                         | 66     | 36     | Richmond                         | 58     | 31     | South Norfolk                    | 59     | 47     |
| Henry                            | 453    | 127    | White                            | 45     | 24     | White                            | 18     | 28     |
| White                            | 247    | 75     | Nonwhite                         | 125    | 378    | Nonwhite                         | 40     | 19     |
| Nonwhite                         | 206    | 52     | Roanoke                          | 607    | 235    | Stamton                          | 760    | 493    |
| Highland                         | 62     | 30     | Rockbridge                       | 550    | 176    | White                            | 711    | 465    |
| Isla of Wight                    | 266    | 120    | White                            | 57     | 39     | Nonwhite                         | 49     | 28     |
| White                            | 27     | 58     | Nonwhite                         | 184    | 212    |                                  |        |        |
| Nonwhite                         | 239    | 62     | Rockingham                       |        |        |                                  |        |        |

<sup>9</sup>See footnote on p. 51.

<sup>10</sup>Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roanoke, Staunton, Suffolk, and Winchester.

<sup>11</sup>Includes data for Bristol, Va., only.

# GENERAL TABLES—BIRTHS AND DEATHS

53

**TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(See headnote on p. 28)

| AREA AND RACE                               | Births | Deaths | AREA AND RACE             | Births | Deaths | AREA AND RACE      | Births | Deaths |
|---|--------|--------|---------------------------|--------|--------|--------------------|--------|--------|
| <b>VIRGINIA<sup>8</sup>—Continued</b>       |        |        | <b>WEST VIRGINIA—Con.</b> |        |        | <b>WISCONSIN—</b>  |        |        |
| <b>Independent Cities<sup>10</sup>—Con.</b> |        |        |                           |        |        | 80,925      32,705 |        |        |
| Suffolk                                     | 570    | 265    | Brooke                    | 31     | 121    | White              | 79,888 | 32,294 |
| White                                       | 373    | 118    | Cabell                    | 3,467  | 1,351  | Nonwhite           | 1,037  | 409    |
| Nonwhite                                    | 197    | 149    | Buntington (part)         | 3,159  | 1,200  | Adams              | 105    | 69     |
| Williamsburg                                | 230    | 224    | Buntington (total)        | 3,141  | 1,359  | Ashland            | 682    | 308    |
| White                                       | 146    | 218    | Balance of county         | 328    | 151    | Ashland            | 657    | 247    |
| Nonwhite                                    | 84     | 8      | Calhoun                   | 213    | 66     | Balance of county  | 25     | 61     |
| Winchester                                  | 1,211  | 310    | Clay                      | 304    | 84     | White              | 22     | 57     |
| WASHINGTON                                  | 57,004 | 22,294 | Doddridge                 | 127    | 57     | Nonwhite           | 3      | 4      |
| White                                       | 55,154 | 21,851 | Fayette                   | 2,314  | 623    | Barron             | 936    | 402    |
| Nonwhite                                    | 1,850  | 643    | White                     | 2,013  | 500    | Bayfield           | 30     | 90     |
| Adams                                       | 115    | 48     | Nonwhite                  | 301    | 123    | Brown              | 3,281  | 899    |
| Asotin                                      | 150    | 93     | Gilmer                    | 135    | 51     | Green Bay          | 3,242  | 716    |
| Benton                                      | 1,023  | 180    | Grant                     | 300    | 51     | Balance of county  | 39     | 183    |
| Chelan                                      | 1,313  | 364    | Greenbrier                | 968    | 290    | Buffalo            | 171    | 137    |
| Wenatchee                                   | 1,090  | 195    | Hampshire                 | 171    | 92     | Burnett            | 189    | 92     |
| Balance of county                           | 223    | 169    | Hancock                   | 212    | 149    | Calumet            | 28     | 112    |
| Clallam                                     | 648    | 254    | Hardy                     | 113    | 71     | Chippewa           | 1,371  | 412    |
| Clark                                       | 2,188  | 717    | Harrison                  | 2,217  | 770    | Chippewa Falls     | 922    | 212    |
| Yacouver                                    | 1,851  | 488    | Clarkeburg                | 1,805  | 451    | Balance of county  | 449    | 200    |
| Balance of county                           | 257    | 229    | Balance of county         | 412    | 319    | Clark              | 311    | 210    |
| Columbia                                    | 104    | 63     | Jackson                   | 282    | 126    | Columbia           | 885    | 432    |
| Cowlitz                                     | 1,639  | 393    | White                     | 276    | 158    | Crawford           | 461    | 165    |
| Longview                                    | 1,609  | 252    | Nonwhite                  | 229    | 132    | Dane               | 4,310  | 1,729  |
| Balance of county                           | 30     | 141    | Kanawha                   | 47     | 26     | Madison            | 3,978  | 1,203  |
| Douglas                                     | 5      | 38     | Charleston                | 7,120  | 1,785  | Balance of county  | 332    | 526    |
| Ferry                                       | 49     | 38     | White                     | 4,918  | 1,014  | Dodge              | 1,128  | 478    |
| White                                       | 46     | 30     | Nonwhite                  | 4,717  | 905    | Beaver Dam         | 953    | 208    |
| Nonwhite                                    | 3      | 6      | South Charleston          | 201    | 109    | Watertown (part)   | —      | 27     |
| Franklin                                    | 725    | 117    | Balance of county         | 938    | 184    | Balance of county  | 195    | 245    |
| Garfield                                    | 44     | 31     | Lewis                     | 1,264  | 587    | Door               | 475    | 194    |
| Grant                                       | 264    | 101    | Lincoln                   | 464    | 140    | Douglas            | 1,069  | 574    |
| Grays Harbor                                | 1,344  | 652    | Logan                     | 2,531  | 585    | Superior           | 1,063  | 465    |
| Aberdeen                                    | 1,200  | 399    | White                     | 2,518  | 508    | Balance of county  | 6      | 109    |
| Hoguan                                      | 2      | 77     | Nonwhite                  | 213    | 77     | Dunn               | 431    | 196    |
| Balance of county                           | 142    | 176    | McDowell                  | 2,992  | 797    | Eau Claire         | 1,801  | 564    |
| Island                                      | 256    | 78     | White                     | 2,598  | 536    | Eau Claire         | 1,792  | 477    |
| Jefferson                                   | 256    | 83     | Nonwhite                  | 606    | 261    | Balance of county  | 9      | 87     |
| King  | 17,472 | 6,897  | Marion                    | 1,737  | 629    | Florence           | 5      | 26     |
| Seattle                                     | 14,924 | 5,586  | Fairmont                  | 1,566  | 362    | Fond du Lac        | 2,002  | 783    |
| White                                       | 14,064 | 5,371  | Balance of county         | 371    | 267    | Fond du Lac        | 1,701  | 502    |
| Nonwhite                                    | 860    | 215    | Marshall                  | 565    | 340    | Balance of county  | 301    | 261    |
| Balance of county                           | 2,548  | 1,411  | Moundsville               | 13     | 120    | Forest             | 247    | 85     |
| Kitsap                                      | 1,969  | 558    | Balance of county         | 552    | 220    | Grant              | 971    | 442    |
| Bremerton                                   | 1,951  | 369    | Mason                     | 468    | 221    | Green              | 712    | 330    |
| Balance of county                           | 38     | 189    | White                     | 2,544  | 717    | Green Lake         | 326    | 160    |
| Kittitas                                    | 562    | 204    | Nonwhite                  | 2,341  | 610    | Iowa               | 628    | 240    |
| Klickitat                                   | 224    | 88     | Bluefield <sup>12</sup>   | 203    | 107    | Iron               | 20     | 52     |
| Lewis                                       | 1,004  | 509    | White                     | 1,375  | 396    | Jackson            | 382    | 154    |
| Lincoln                                     | 90     | 60     | Nonwhite                  | 1,237  | 320    | Jefferson          | 1,126  | 494    |
| Mason                                       | 333    | 114    | Balance of county         | 76     | 76     | Watertown (part)   | 766    | 189    |
| Okanogan                                    | 690    | 226    | Mineral                   | 1,169  | 321    | Watertown (total)  | 766    | 216    |
| Pacific                                     | 311    | 184    | Mingo                     | 579    | 239    | Balance of county  | 360    | 305    |
| Pend Oreille                                | 195    | 60     | Monongalia                | 1,805  | 408    | Juneau             | 358    | 172    |
| Pierce                                      | 6,172  | 2,831  | Morgantown                | 1,564  | 508    | Kenosha            | 1,523  | 591    |
| Tacoma                                      | 4,705  | 1,846  | Balance of county         | 612    | 219    | Balance of county  | 6      | 110    |
| Balance of county                           | 1,466  | 985    | Mourne                    | 952    | 289    | Kewaunee           | 368    | 131    |
| San Juan                                    | 17     | 19     | Morgan                    | 186    | 136    | La Crosse          | 2,296  | 802    |
| Skagit                                      | 954    | 584    | Nicholas                  | 67     | 67     | La Crosse          | 2,277  | 678    |
| Skamania                                    | 2      | 45     | Ohio                      | 837    | 200    | Balance of county  | 19     | 124    |
| Snohomish                                   | 2,280  | 1,089  | Wheeling                  | 2,818  | 1,065  | Lafayette          | 54     | 131    |
| Everett                                     | 1,767  | 559    | Balance of county         | 11     | 61     | Langlade           | 695    | 206    |
| Balance of county                           | 513    | 530    | Penitentiary              | 116    | 68     | Lincoln            | 651    | 246    |
| Spokane                                     | 5,879  | 2,518  | Pleasants                 | 77     | 43     | Manitowoc          | 1,443  | 564    |
| Spokane                                     | 5,840  | 1,967  | Pocahontas                | 275    | 167    | Manitowoc          | 1,033  | 337    |
| Balance of county                           | 39     | 551    | Preston                   | 478    | 261    | Two Rivers         | 392    | 80     |
| Stevens                                     | 413    | 209    | Potomac                   | 285    | 124    | Balance of county  | 18     | 147    |
| Thurston                                    | 992    | 341    | Releigh                   | 2,771  | 799    | Marathon           | 1,762  | 613    |
| Olympia                                     | 960    | 240    | White                     | 2,411  | 662    | Wausau             | 1,623  | 407    |
| Balance of county                           | 32     | 101    | Nonwhite                  | 360    | 137    | Balance of county  | 159    | 206    |
| Wahkiakum                                   | 1      | 24     | Beckley                   | 1,182  | 399    | Marinette          | 661    | 393    |
| Walla Walla                                 | 1,174  | 435    | White                     | 1,084  | 328    | Marinette          | 627    | 253    |
| Walla Walla                                 | 1,173  | 369    | Nonwhite                  | 118    | 71     | Balance of county  | 54     | 140    |
| Balance of county                           | 1      | 67     | Balance of county         | 1,589  | 400    | Marquette          | 14     | 61     |
| Whatcom                                     | 1,597  | 704    | Randolph                  | 1,347  | 334    | Milwaukee          | 20,034 | 8,155  |
| Bellingham                                  | 1,512  | 443    | Ritchie                   | 242    | 66     | Milwaukee          | 19,001 | 5,766  |
| Balance of county                           | 85     | 261    | Roane                     | 923    | 266    | Wauwatosa          | 217    | 160    |
| Whitman                                     | 646    | 236    | Summers                   | 225    | 116    | West Allis         | 8      | 131    |
| Yakima                                      | 3,670  | 1,022  | Taylor                    | 449    | 209    | Cudahy             | 4      | 43     |
| Yakima                                      | 2,432  | 491    | Tucker                    | 508    | 153    | Shorewood          | 2      | 57     |
| Balance of county                           | 1,238  | 531    | Tyler                     | 440    | 204    | South Milwaukee    | 334    | 58     |
| WEST VIRGINIA                               | 52,934 | 17,751 | Tucker                    | 212    | 124    | Balance of county  | 468    | 1,940  |
| White                                       | 50,154 | 16,286 | Tyler                     | 161    | 104    | Monroe             | 663    | 291    |
| Nonwhite                                    | 2,780  | 1,465  | Upshur                    | 637    | 194    | Oconto             | 526    | 214    |
| Barbour                                     | 189    | 189    | Wayne                     | 623    | 327    | Oconto             | 587    | 233    |
| Berkley                                     | 800    | 468    | Burlington (part)         | 2      | 2      | Ortagamie          | 2,535  | 701    |
| Balance of county                           | 779    | 262    | Balance of county         | 611    | 168    | Ortagamie          | 2,042  | 400    |
| Boone                                       | 880    | 167    | Webster                   | 249    | 93     | Apleton            | 514    | 301    |
| Balance of county                           | 21     | 206    | Wetzel                    | 570    | 197    | Balance of county  | 482    | 220    |
| Braxton                                     | 638    | 154    | Wirt                      | 43     | 47     | Ozaukee            | 150    | 67     |
|   |        |        | Wood                      | 2,203  | 801    | Pepin              | 448    | 167    |
|   |        |        | Parkersburg               | 2,103  | 608    | Pierce             | 751    | 265    |
|   |        |        | Balance of county         | 100    | 193    | Polk               | 858    | 328    |
|   |        |        | Wyoming                   | 897    | 142    | Portage            | 821    | 232    |
|   |        |        |                           |        |        | Stevens Point      | 821    | 232    |

<sup>8</sup>See footnote on p. 51.  
<sup>10</sup>See footnote on p. 52.  
<sup>12</sup>Includes data for Bluefield, W. Va., only.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(See headnote on p. 28)

| AREA AND RACE          | Births | Deaths | AREA AND RACE          | Births | Deaths | AREA AND RACE                          | Births | Deaths |
|------------------------|--------|--------|------------------------|--------|--------|--|--------|--------|
| WISCONSIN—Continued    |        |        | WISCONSIN—Continued    |        |        | WYOMING—Continued                      |        |        |
| Portage—Continued      |        |        | Washburn-----          | 268    | 76     | Crook-----                             | 35     | 28     |
| Balance of county----- | 37     | 96     | Washington-----        | 857    | 297    | Fremont-----                           | 477    | 201    |
| Price-----             | 379    | 122    | Waukesha-----          | 1,331  | 702    | White-----                             | 544    | 144    |
| Racine-----            | 2,624  | 1,001  | Waukesha-----          | 1,142  | 268    | Nonwhite--                             | 153    | 57     |
| Racine-----            | 2,201  | 683    | Balance of county----- | 189    | 434    | Goshen-----                            | 294    | 92     |
| Balance of county----- | 423    | 318    | Waupaca-----           | 658    | 375    | Hot Springs-----                       | 173    | 64     |
| Richland-----          | 664    | 192    | Waushara-----          | 123    | 123    | Johnson-----                           | 109    | 34     |
| Rock-----              | 2,116  | 910    | Winnebago-----         | 2,184  | 901    | Laramie-----                           | 1,224  | 308    |
| Beloit-----            | 1,088  | 339    | Oshkosh-----           | 1,500  | 515    | Cheyenne-----                          | 965    | 228    |
| Janesville-----        | 785    | 501    | Menasha-----           | 1      | 62     | Balance of county-----                 | 259    | 80     |
| Balance of county----- | 243    | 271    | Neenah-----            | 806    | 145    | Lincoln-----                           | 305    | 70     |
| Rusk-----              | 499    | 137    | Balance of county----- | 17     | 261    | Natrona-----                           | 851    | 289    |
| St. Croix-----         | 415    | 242    | Wood-----              | 1,876  | 473    | Casper-----                            | 848    | 256    |
| Sauk-----              | 965    | 393    | Marshfield-----        | 994    | 225    | Balance of county-----                 | 3      | 33     |
| White-----             | 171    | 96     | Wisconsin Rapids-----  | 857    | 141    | Niobrara-----                          | 119    | 52     |
| Nonwhite--             | 71     | 78     | Balance of county----- | 45     | 107    | Park-----                              | 506    | 105    |
| Shawano-----           | 100    | 19     | WYOMING-----           | 7,286  | 2,395  | Platte-----                            | 180    | 72     |
| Balance of county----- | 689    | 295    | White-----             | 7,072  | 2,296  | Sheridan-----                          | 521    | 173    |
| Sheboygan-----         | 2,028  | 830    | Nonwhite--             | 214    | 97     | Balance of county-----                 | 2      | 58     |
| Sheboygan-----         | 1,772  | 558    | Albany-----            | 520    | 123    | Sublette-----                          | 3      | 9      |
| Balance of county----- | 256    | 272    | Laramie-----           | 519    | 105    | Sweetwater-----                        | 605    | 171    |
| Taylor-----            | 373    | 139    | Balance of county----- | 1      | 18     | Teton-----                             | 94     | 23     |
| Trempealeau-----       | 424    | 200    | Big Horn-----          | 358    | 96     | Uinta-----                             | 97     | 90     |
| Vernon-----            | 607    | 226    | Campbell-----          | 163    | 39     | Washakie-----                          | 196    | 39     |
| Vilas-----             | 74     | 67     | Carbon-----            | 306    | 156    | Weston-----                            | 39     | 29     |
| White-----             | 68     | 64     | Converse-----          | 126    | 59     | Yellowstone National Park (part)-----  | 3      | 13     |
| Nonwhite--             | 6      | 3      |                        |        |        | Yellowstone National Park (total)----- | 3      | 15     |
| Walworth-----          | 658    | 449    |                        |        |        |  |        |        |

NOTE.—Certain cities listed in this table are located in more than one county. In these cases, figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amarillo, Tex., are shown under Potter County; Atlanta, Ga., under Fulton County; Bethlehem, Pa., under Northampton County; Centralia, Ill., under Marion County; Elgin, Ill., under Kane County; Ellwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W. Va., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, N. C., under Nash County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone National Park are shown under Wyoming.

# GENERAL TABLES—LIVE BIRTHS

**TABLE 2.—LIVE BIRTHS BY MONTH: UNITED STATES AND EACH STATE, 1948**

(By place of occurrence)

| AREA                 | Total<br>births | Jan.    | Feb.    | Mar.    | Apr.    | May     | June    | July    | Aug.    | Sept.   | Oct.    | Nov.    | Dec.    |
|----------------------|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>UNITED STATES</b> | 3,535,068       | 295,494 | 285,694 | 300,463 | 277,636 | 272,277 | 267,712 | 306,010 | 320,968 | 312,511 | 307,720 | 290,552 | 296,051 |
| Alabama              | 84,684          | 7,476   | 7,270   | 7,126   | 6,593   | 6,269   | 6,212   | 7,330   | 7,650   | 7,480   | 7,150   | 6,847   | 7,281   |
| Arizona              | 19,816          | 1,843   | 1,535   | 1,629   | 1,530   | 1,440   | 1,463   | 1,667   | 1,868   | 1,742   | 1,738   | 1,716   | 1,857   |
| Arkansas             | 48,136          | 4,302   | 4,097   | 3,928   | 3,607   | 3,216   | 3,456   | 4,370   | 4,685   | 4,283   | 4,245   | 4,040   | 3,907   |
| California           | 240,777         | 19,471  | 18,217  | 20,052  | 19,129  | 20,130  | 19,778  | 20,806  | 21,436  | 20,720  | 20,574  | 19,888  | 20,596  |
| Colorado             | 33,568          | 2,706   | 2,585   | 2,856   | 2,676   | 2,790   | 2,756   | 3,032   | 3,010   | 2,900   | 2,794   | 2,674   | 2,787   |
| Connecticut          | 41,199          | 3,318   | 3,316   | 3,629   | 3,388   | 3,513   | 3,225   | 3,511   | 3,611   | 3,464   | 3,575   | 3,315   | 3,334   |
| Delaware             | 7,413           | 633     | 578     | 672     | 618     | 561     | 590     | 633     | 614     | 624     | 656     | 573     | 661     |
| District of Columbia | 27,479          | 2,215   | 2,219   | 2,233   | 2,105   | 2,121   | 2,105   | 2,319   | 2,561   | 2,540   | 2,500   | 2,260   | 2,361   |
| Florida              | 60,758          | 5,378   | 4,843   | 4,812   | 4,303   | 4,334   | 4,052   | 5,038   | 5,729   | 5,735   | 5,621   | 5,360   | 5,553   |
| Georgia              | 92,533          | 8,081   | 7,817   | 7,716   | 7,210   | 7,238   | 6,877   | 7,827   | 8,376   | 8,126   | 7,883   | 7,575   | 7,807   |
| Idaho                | 15,636          | 1,300   | 1,241   | 1,275   | 1,243   | 1,368   | 1,287   | 1,320   | 1,430   | 1,307   | 1,294   | 1,236   | 1,315   |
| Illinois             | 181,234         | 15,102  | 14,826  | 15,617  | 14,186  | 12,614  | 12,915  | 15,851  | 16,642  | 16,582  | 16,118  | 15,361  | 15,220  |
| Indiana              | 92,944          | 7,688   | 7,507   | 7,766   | 7,262   | 6,527   | 6,834   | 8,103   | 8,710   | 8,383   | 8,445   | 7,964   | 7,935   |
| Iowa                 | 61,513          | 5,159   | 5,140   | 5,314   | 4,776   | 4,285   | 4,542   | 5,375   | 5,775   | 5,246   | 5,515   | 5,061   | 5,225   |
| Kansas               | 41,867          | 3,490   | 3,419   | 3,438   | 3,040   | 2,824   | 3,107   | 3,783   | 3,918   | 3,793   | 3,831   | 3,647   | 3,577   |
| Kentucky             | 77,192          | 6,532   | 6,471   | 6,797   | 6,281   | 5,757   | 5,668   | 6,703   | 7,044   | 6,772   | 6,655   | 6,093   | 6,409   |
| Louisiana            | 73,039          | 6,639   | 5,964   | 5,560   | 4,877   | 4,854   | 4,699   | 6,537   | 7,124   | 7,147   | 6,937   | 6,310   | 6,591   |
| Maine                | 21,698          | 1,804   | 1,718   | 1,874   | 1,786   | 1,779   | 1,710   | 1,860   | 2,047   | 1,640   | 1,876   | 1,693   | 1,711   |
| Maryland             | 51,253          | 4,432   | 4,273   | 4,275   | 4,063   | 4,057   | 3,750   | 4,493   | 4,543   | 4,456   | 4,524   | 4,170   | 4,217   |
| Massachusetts        | 97,966          | 7,991   | 7,935   | 8,874   | 8,075   | 8,083   | 7,838   | 8,537   | 8,413   | 8,478   | 7,935   | 7,790   | 8,059   |
| Michigan             | 154,160         | 12,453  | 12,429  | 13,116  | 12,696  | 12,135  | 11,721  | 13,504  | 13,904  | 13,481  | 13,461  | 12,486  | 12,774  |
| Minnesota            | 72,665          | 5,876   | 5,859   | 6,502   | 6,194   | 5,621   | 5,701   | 6,460   | 6,412   | 6,169   | 6,012   | 5,919   | 5,941   |
| Mississippi          | 68,723          | 5,683   | 5,065   | 5,619   | 5,065   | 4,706   | 4,782   | 5,687   | 5,958   | 5,044   | 5,514   | 5,254   | 5,492   |
| Missouri             | 86,983          | 7,498   | 7,214   | 7,261   | 6,365   | 5,805   | 5,855   | 7,823   | 8,305   | 8,024   | 7,831   | 7,548   | 7,354   |
| Montana              | 14,795          | 1,174   | 1,124   | 1,252   | 1,214   | 1,328   | 1,210   | 1,277   | 1,368   | 1,261   | 1,224   | 1,157   | 1,226   |
| Nebraska             | 31,079          | 2,581   | 2,624   | 2,624   | 2,280   | 2,200   | 2,383   | 2,865   | 2,871   | 2,664   | 2,805   | 2,505   | 2,661   |
| Nevada               | 3,782           | 306     | 266     | 327     | 321     | 281     | 330     | 334     | 338     | 321     | 304     | 304     | 320     |
| New Hampshire        | 12,783          | 1,024   | 967     | 1,166   | 1,029   | 1,028   | 1,006   | 1,188   | 1,188   | 1,054   | 1,064   | 1,005   | 1,057   |
| New Jersey           | 94,714          | 7,635   | 7,584   | 8,287   | 7,549   | 7,620   | 7,420   | 8,058   | 8,348   | 8,243   | 8,419   | 7,834   | 7,717   |
| New Mexico           | 20,632          | 1,723   | 1,606   | 1,782   | 1,658   | 1,755   | 1,643   | 1,831   | 1,781   | 1,823   | 1,700   | 1,654   | 1,676   |
| New York             | 302,740         | 24,411  | 24,039  | 26,537  | 24,622  | 24,697  | 23,750  | 26,302  | 26,626  | 25,937  | 25,999  | 24,743  | 25,017  |
| North Carolina       | 109,605         | 9,547   | 9,155   | 9,611   | 8,888   | 8,822   | 8,299   | 9,314   | 9,633   | 9,497   | 9,015   | 8,735   | 8,989   |
| North Dakota         | 16,785          | 1,294   | 1,277   | 1,474   | 1,246   | 1,410   | 1,367   | 1,521   | 1,505   | 1,471   | 1,456   | 1,342   | 1,422   |
| Ohio                 | 186,111         | 15,316  | 14,965  | 15,781  | 14,863  | 14,178  | 13,959  | 16,183  | 17,079  | 16,693  | 16,344  | 15,317  | 15,443  |
| Oklahoma             | 49,786          | 4,368   | 4,166   | 3,954   | 3,574   | 3,369   | 3,557   | 4,357   | 4,752   | 4,636   | 4,535   | 4,172   | 4,279   |
| Oregon               | 35,180          | 2,825   | 2,749   | 2,961   | 2,874   | 3,019   | 3,019   | 3,021   | 3,011   | 3,059   | 3,006   | 2,794   | 2,842   |
| Pennsylvania         | 227,366         | 18,564  | 18,487  | 19,800  | 18,160  | 18,066  | 17,563  | 19,809  | 20,039  | 19,778  | 19,781  | 18,490  | 18,604  |
| Rhode Island         | 17,202          | 1,425   | 1,337   | 1,496   | 1,406   | 1,371   | 1,325   | 1,475   | 1,547   | 1,512   | 1,473   | 1,413   | 1,422   |
| South Carolina       | 58,124          | 5,120   | 4,843   | 5,028   | 4,665   | 4,568   | 4,280   | 5,077   | 5,303   | 5,281   | 4,890   | 4,561   | 4,578   |
| South Dakota         | 16,344          | 1,336   | 1,283   | 1,411   | 1,253   | 1,297   | 1,271   | 1,428   | 1,476   | 1,438   | 1,425   | 1,348   | 1,390   |
| Tennessee            | 84,153          | 7,331   | 6,895   | 7,198   | 6,723   | 6,263   | 6,261   | 7,344   | 7,618   | 7,526   | 7,274   | 6,767   | 6,953   |
| Texas                | 186,347         | 17,096  | 15,638  | 15,121  | 13,002  | 13,667  | 13,927  | 17,214  | 18,933  | 18,643  | 18,456  | 17,131  | 17,519  |
| Utah                 | 20,969          | 1,651   | 1,624   | 1,818   | 1,725   | 1,898   | 1,778   | 1,896   | 1,829   | 1,760   | 1,664   | 1,657   | 1,669   |
| Vermont              | 9,006           | 697     | 710     | 788     | 790     | 761     | 729     | 785     | 785     | 788     | 788     | 724     | 645     |
| Virginia             | 79,260          | 6,629   | 6,434   | 6,634   | 6,345   | 6,445   | 6,062   | 6,988   | 7,158   | 7,005   | 6,782   | 6,282   | 6,496   |
| Washington           | 57,004          | 4,670   | 4,429   | 4,960   | 4,687   | 5,033   | 4,798   | 4,949   | 4,999   | 4,641   | 4,690   | 4,503   | 4,625   |
| West Virginia        | 52,934          | 4,549   | 4,318   | 4,604   | 4,285   | 4,176   | 3,965   | 4,714   | 4,839   | 4,684   | 4,428   | 4,335   | 4,237   |
| Wisconsin            | 80,925          | 6,548   | 6,472   | 7,328   | 6,657   | 6,186   | 6,388   | 7,060   | 7,297   | 7,065   | 6,901   | 6,429   | 6,594   |
| Wyoming              | 7,286           | 551     | 560     | 580     | 534     | 592     | 597     | 634     | 660     | 643     | 649     | 570     | 616     |

Excludes 2,381 births which occurred in the city of Lynn. Statistical transcripts for these births were received at the National Office of Vital Statistics after tabulations were completed.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |         | DEATHS    |                    |                    |                     |         |
|-------------------|--------------------|------------------------------------|---------------------------|---------|-----------|--------------------|--------------------|---------------------|---------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         | Total     | Not in institution | In institution     |                     |         |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |           |                    | Total <sup>3</sup> | Type of institution |         |
|                   |                    |                                    |                           |         |           |                    | Resi- dent         | Non- resi- dent     |         |
| UNITED STATES     | 4,535,068          | 3,025,206                          | 323,434                   | 156,564 | 1,444,337 | 749,995            | 684,342            | 82,518              | 593,411 |
| ALABAMA           | 84,684             | 47,644                             | 17,833                    | 18,786  | 26,356    | 18,228             | 8,128              | 676                 | 7,258   |
| Autauga           | 444                | 158                                | 39                        | 243     | 182       | 148                | 36                 | 4                   | 28      |
| Baldwin           | 924                | 306                                | 327                       | 286     | 316       | 261                | 55                 | 4                   | 46      |
| Barbour           | 882                | 243                                | 210                       | 427     | 300       | 427                | 47                 | -                   | 47      |
| Bibb              | 373                | 3                                  | 184                       | 183     | 140       | 140                | -                  | -                   | -       |
| Blount            | 667                | 294                                | 366                       | 15      | 167       | 166                | 1                  | -                   | -       |
| Bullock           | 430                | 2                                  | 50                        | 377     | 153       | 153                | -                  | -                   | -       |
| Butler            | 985                | 486                                | 170                       | 326     | 295       | 79                 | -                  | -                   | 79      |
| Calhoun           | 2,151              | 1,302                              | 708                       | 178     | 526       | 363                | 163                | -                   | 163     |
| Amiston           | 1,542              | 1,296                              | 126                       | 315     | 152       | 152                | 163                | -                   | 163     |
| Balance of county | 649                | 6                                  | 582                       | 58      | 211       | 211                | -                  | -                   | -       |
| Chambers          | 769                | 375                                | 154                       | 237     | 324       | 50                 | -                  | -                   | 50      |
| Cherokee          | 304                | 106                                | 126                       | 69      | 112       | 107                | 5                  | -                   | 5       |
| Chilton           | 636                | 304                                | 236                       | 93      | 153       | 132                | 21                 | -                   | 20      |
| Choctaw           | 582                | 192                                | 35                        | 352     | 158       | 126                | 32                 | -                   | 32      |
| Clarke            | 772                | 228                                | 171                       | 372     | 238       | 217                | 27                 | -                   | 26      |
| Clay              | 307                | 138                                | 91                        | 71      | 116       | 110                | 6                  | -                   | -       |
| Cleburne          | 197                | 1                                  | 183                       | 13      | 58        | 58                 | -                  | -                   | -       |
| Coffee            | 852                | 243                                | 573                       | 38      | 178       | 117                | 61                 | -                   | 61      |
| Colbert           | 1,158              | 816                                | 167                       | 175     | 520       | 227                | 93                 | -                   | 93      |
| Concub            | 604                | 120                                | 151                       | 333     | 173       | 166                | 7                  | -                   | 7       |
| Coosa             | 200                | 13                                 | 89                        | 98      | 91        | 90                 | 1                  | -                   | -       |
| Covington         | 1,104              | 667                                | 292                       | 142     | 342       | 236                | 106                | -                   | 106     |
| Crenshaw          | 432                | 80                                 | 218                       | 134     | 166       | 152                | 14                 | -                   | 11      |
| Cullman           | 1,418              | 1,163                              | 202                       | 27      | 295       | 231                | 64                 | -                   | 63      |
| Dale              | 452                | 103                                | 208                       | 141     | 140       | 140                | -                  | -                   | -       |
| Dallas            | 1,946              | 839                                | 127                       | 980     | 785       | 450                | 335                | -                   | 335     |
| Selma             | 1,147              | 835                                | 105                       | 207     | 484       | 149                | 335                | -                   | 335     |
| Balance of county | 799                | 3                                  | 22                        | 773     | 301       | 301                | -                  | -                   | -       |
| De Kalb           | 1,093              | 520                                | 511                       | 52      | 253       | 219                | 34                 | -                   | 25      |
| Elmore            | 602                | 213                                | 117                       | 270     | 260       | 227                | 33                 | 2                   | 31      |
| Escambia          | 1,024              | 633                                | 160                       | 226     | 280       | 211                | 69                 | 7                   | 59      |
| Etowah            | 2,787              | 1,813                              | 810                       | 161     | 741       | 461                | 280                | 9                   | 271     |
| Madaden           | 2,225              | 1,811                              | 357                       | 58      | 506       | 234                | 272                | 1                   | 271     |
| Balance of county | 562                | 2                                  | 453                       | 105     | 235       | 227                | 8                  | -                   | -       |
| Fayette           | 627                | 303                                | 253                       | 70      | 151       | 116                | 33                 | -                   | 33      |
| Franklin          | 813                | 509                                | 282                       | 22      | 194       | 158                | 36                 | -                   | 22      |
| Geneva            | 601                | 184                                | 331                       | 79      | 153       | 139                | 14                 | -                   | 13      |
| Greene            | 478                | 2                                  | 70                        | 403     | 205       | 205                | -                  | -                   | -       |
| Hale              | 662                | 21                                 | 82                        | 554     | 202       | 199                | 3                  | -                   | 3       |
| Henry             | 456                | 35                                 | 86                        | 328     | 132       | 130                | 2                  | -                   | -       |
| Houston           | 1,507              | 1,003                              | 254                       | 247     | 455       | 288                | 167                | -                   | 167     |
| Dothan            | 1,177              | 1,003                              | 100                       | 74      | 305       | 158                | 167                | -                   | 167     |
| Balance of county | 330                | -                                  | 154                       | 173     | 150       | 150                | -                  | -                   | -       |
| Jackson           | 1,039              | 200                                | 695                       | 131     | 252       | 242                | 10                 | -                   | 10      |
| Jefferson         | 15,170             | 12,307                             | 2,688                     | 53      | 5,246     | 2,933              | 2,313              | 119                 | 2,127   |
| Birmingham        | 10,638             | 9,606                              | 913                       | 6       | 3,368     | 1,671              | 1,697              | 1                   | 1,650   |
| Bessemer          | 936                | 664                                | 268                       | 3       | 301       | 301                | 100                | -                   | 100     |
| Fairfield         | 1,720              | 1,668                              | 48                        | 3       | 365       | 100                | 265                | -                   | 265     |
| Balance of county | 1,876              | 369                                | 1,459                     | 41      | 1,212     | 961                | 251                | 118                 | 132     |
| Lamar             | 327                | 9                                  | 214                       | 81      | 90        | 90                 | -                  | -                   | -       |
| Lauderdale        | 1,478              | 1,097                              | 221                       | 159     | 364       | 232                | 132                | -                   | 130     |
| Florence          | 1,150              | 1,095                              | 12                        | 43      | 237       | 105                | 132                | -                   | 130     |
| Balance of county | 328                | 2                                  | 209                       | 116     | 127       | -                  | -                  | -                   | -       |
| Lawrence          | 859                | 461                                | 257                       | 139     | 162       | 141                | 21                 | -                   | 21      |
| Lee               | 1,106              | 584                                | 116                       | 402     | 252       | 30                 | 30                 | -                   | 29      |
| Limestone         | 1,096              | 588                                | 310                       | 197     | 277       | 237                | 40                 | -                   | 40      |
| Lowndes           | 557                | 6                                  | 9                         | 539     | 159       | 158                | 1                  | -                   | -       |
| Macon             | 946                | 583                                | 57                        | 306     | 571       | 212                | 359                | -                   | 359     |
| Madison           | 2,060              | 1,045                              | 495                       | 517     | 654       | 495                | 159                | -                   | 157     |
| Huntsville        | 1,198              | 1,023                              | 66                        | 109     | 521       | 164                | 157                | -                   | 155     |
| Balance of county | 862                | 22                                 | 429                       | 408     | 333       | 331                | 2                  | -                   | 2       |
| Marengo           | 767                | 77                                 | 63                        | 626     | 307       | 284                | 23                 | -                   | 20      |
| Marion            | 563                | 273                                | 182                       | 105     | 113       | 103                | 10                 | -                   | -       |
| Marshall          | 1,673              | 1,228                              | 374                       | 67      | 353       | 242                | 111                | -                   | 110     |
| Mobile            | 7,258              | 5,787                              | 185                       | 1,231   | 2,236     | 1,108              | 1,128              | 211                 | 884     |
| Mobile            | 6,135              | 5,560                              | 41                        | 524     | 1,590     | 677                | 913                | 28                  | 868     |
| Balance of county | 1,123              | 227                                | 144                       | 707     | 646       | 431                | 215                | 183                 | 16      |
| Monroe            | 744                | -                                  | 291                       | 452     | 175       | -                  | -                  | -                   | -       |
| Montgomery        | 3,994              | 2,496                              | 94                        | 1,398   | 1,431     | 654                | 577                | 33                  | 537     |
| Montgomery        | 2,867              | 1,968                              | 31                        | 864     | 1,098     | 659                | 439                | 1                   | 434     |
| Balance of county | 1,107              | 526                                | 63                        | 514     | 333       | 195                | 138                | 32                  | 103     |
| Morgan            | 1,315              | 945                                | 249                       | 114     | 393       | 262                | 131                | -                   | 126     |
| Decatur           | 741                | 657                                | 51                        | 31      | 196       | 102                | 94                 | -                   | 94      |
| Balance of county | 574                | 286                                | 198                       | 63      | 197       | 160                | 37                 | -                   | 32      |
| Perry             | 572                | 22                                 | 71                        | 476     | 164       | 164                | -                  | -                   | -       |
| Pickens           | 629                | 69                                 | 220                       | 329     | 186       | 186                | -                  | -                   | -       |
| Pike              | 1,005              | 449                                | 185                       | 366     | 313       | 233                | 80                 | -                   | 80      |
| Randolph          | 552                | 277                                | 118                       | 153     | 169       | 135                | 34                 | -                   | 34      |
| Russell           | 1,090              | 431                                | 23                        | 632     | 381       | 317                | 64                 | -                   | 64      |
| Phenix City       | 603                | 431                                | 11                        | 161     | 213       | 149                | 64                 | -                   | 64      |
| Balance of county | 487                | -                                  | 12                        | 471     | 168       | 168                | -                  | -                   | -       |
| St. Clair         | 537                | 217                                | 262                       | 53      | 184       | 143                | 41                 | -                   | 38      |
| Shelby            | 530                | 31                                 | 400                       | 95      | 201       | 200                | 1                  | -                   | -       |
| Sumter            | 707                | 115                                | 63                        | 520     | 198       | 198                | 24                 | -                   | 24      |
| Talladega         | 1,895              | 1,222                              | 306                       | 462     | 506       | 334                | 172                | -                   | 172     |
| Tallapoosa        | 1,082              | 752                                | 193                       | 134     | 305       | 229                | 76                 | -                   | 75      |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                     | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |              |
|--------------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|--------------|
|                          | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |              |
|                          |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |              |
|                          |                    |                                    |                           |              |               | Resident           | Non-resident       |                     |              |
| <b>ALABAMA—Continued</b> |                    |                                    |                           |              |               |                    |                    |                     |              |
| Tuscaloosa               | 2,359              | 1,650                              | 240                       | 468          | 900           | 475                | 505                | 287                 | 218          |
| Tuscaloosa               | 1,877              | 1,644                              | 75                        | 150          | 548           | 209                | 336                | 119                 | 217          |
| Balance of county        | 482                | 5                                  | 165                       | 308          | 435           | 266                | 169                | 188                 | 1            |
| Walker                   | 1,765              | 796                                | 915                       | 46           | 465           | 302                | 163                | -                   | 163          |
| Washington               | 374                | 50                                 | 134                       | 189          | 92            | -                  | -                  | -                   | -            |
| Wilcox                   | 729                | 22                                 | 79                        | 618          | 218           | -                  | -                  | -                   | -            |
| Winston                  | 531                | 428                                | 51                        | 10           | 151           | 82                 | 49                 | -                   | 46           |
| <b>ARIZONA</b>           | <b>19,816</b>      | <b>17,838</b>                      | <b>1,046</b>              | <b>570</b>   | <b>7,122</b>  | <b>3,202</b>       | <b>3,920</b>       | <b>236</b>          | <b>3,589</b> |
| Apache                   | 549                | 452                                | 22                        | 7            | 307           | 91                 | 216                | -                   | 209          |
| Cochise                  | 937                | 799                                | 57                        | 73           | 373           | 169                | 204                | -                   | 195          |
| Coconino                 | 582                | 519                                | 43                        | 1            | 233           | 99                 | 134                | -                   | 134          |
| Gila                     | 721                | 648                                | 60                        | 2            | 232           | 120                | 112                | 68                  | 43           |
| Graham                   | 384                | 312                                | 50                        | 1            | 99            | 66                 | 33                 | -                   | 30           |
| Greenlee                 | 421                | 399                                | 15                        | 5            | 82            | 59                 | 43                 | 3                   | 40           |
| Maricopa                 | 8,619              | 8,168                              | 158                       | 247          | 2,976         | 1,312              | 1,664              | 119                 | 1,502        |
| Phoenix                  | 6,406              | 6,197                              | 52                        | 144          | 1,617         | 762                | 855                | 13                  | 817          |
| Balance of county        | 2,213              | 1,972                              | 105                       | 103          | 1,359         | 550                | 809                | 106                 | 685          |
| Mohave                   | 270                | 249                                | 1                         | 5            | 97            | 43                 | 54                 | -                   | 38           |
| Navajo                   | 652                | 563                                | 45                        | 16           | 188           | 72                 | 116                | -                   | 114          |
| Pima                     | 3,840              | 3,318                              | 395                       | 32           | 1,596         | 650                | 746                | -                   | 744          |
| Pucson                   | 455                | 4                                  | 348                       | 26           | 319           | 503                | 16                 | -                   | 16           |
| Balance of county        | 3,385              | 3,314                              | 45                        | 6            | 377           | 147                | 730                | -                   | 728          |
| Pinal                    | 1,229              | 996                                | 113                       | 96           | 434           | 251                | 183                | 3                   | 180          |
| Santa Cruz               | 268                | 177                                | 47                        | 28           | 90            | 50                 | 40                 | -                   | 40           |
| Yavapai                  | 599                | 556                                | 29                        | 8            | 380           | 127                | 253                | 43                  | 206          |
| Yuma                     | 745                | 681                                | 9                         | 55           | 235           | 113                | 122                | -                   | 121          |
| <b>ARKANSAS</b>          | <b>48,136</b>      | <b>28,633</b>                      | <b>11,630</b>             | <b>7,263</b> | <b>14,954</b> | <b>10,012</b>      | <b>4,942</b>       | <b>617</b>          | <b>4,229</b> |
| Arkansas                 | 599                | 341                                | 147                       | 108          | 115           | 108                | 7                  | -                   | 6            |
| Ashley                   | 604                | 223                                | 198                       | 165          | 181           | 142                | 39                 | -                   | 34           |
| Baxter                   | 348                | 252                                | 86                        | 3            | 73            | 49                 | 24                 | -                   | 23           |
| Benton                   | 823                | 669                                | 146                       | 5            | 344           | 255                | 109                | 5                   | 95           |
| Bonne                    | 533                | 482                                | 57                        | 7            | 125           | 86                 | 37                 | 1                   | 19           |
| Bradley                  | 516                | 295                                | 168                       | 45           | 133           | 107                | 26                 | -                   | 26           |
| Calhoun                  | 103                | 75                                 | 24                        | -            | 46            | 46                 | -                  | -                   | -            |
| Carroll                  | 266                | 158                                | 97                        | 7            | 110           | 100                | 10                 | -                   | 10           |
| Chicot                   | 751                | 422                                | 66                        | 253          | 175           | 175                | 75                 | -                   | 75           |
| Clark                    | 502                | 237                                | 122                       | 125          | 143           | 134                | 9                  | -                   | 8            |
| Clay                     | 518                | 162                                | 330                       | 14           | 183           | 133                | 30                 | -                   | 30           |
| Cleburne                 | 315                | 241                                | 63                        | 7            | 84            | 52                 | 32                 | -                   | 32           |
| Cleveland                | 108                | -                                  | 69                        | 35           | 41            | -                  | -                  | -                   | -            |
| Columbia                 | 672                | 422                                | 98                        | 136          | 154           | 112                | 42                 | -                   | 42           |
| Conway                   | 525                | 307                                | 127                       | 89           | 170           | 116                | 54                 | -                   | 53           |
| Craighead                | 1,585              | 1,214                              | 323                       | 45           | 373           | 206                | 167                | -                   | 164          |
| Jonesboro                | 1,126              | 1,064                              | 4                         | 56           | 230           | 66                 | 164                | -                   | 164          |
| Balance of county        | 459                | 150                                | 319                       | 7            | 143           | 140                | 3                  | -                   | -            |
| Crawford                 | 341                | 184                                | 138                       | 14           | 130           | 129                | 1                  | -                   | -            |
| Crittenden               | 1,159              | 2                                  | 355                       | 793          | 346           | 346                | -                  | -                   | -            |
| Cross                    | 776                | 351                                | 193                       | 223          | 137           | 132                | 5                  | -                   | 5            |
| Dallas                   | 329                | 106                                | 164                       | 48           | 70            | 70                 | -                  | -                   | -            |
| Desha                    | 517                | 165                                | 67                        | 270          | 140           | 125                | 15                 | -                   | 14           |
| Drew                     | 451                | 272                                | 57                        | 114          | 138           | 103                | 35                 | -                   | 34           |
| Faulkner                 | 574                | 424                                | 87                        | 53           | 151           | 97                 | 54                 | -                   | 54           |
| Franklin                 | 269                | 196                                | 69                        | -            | 63            | 54                 | 9                  | -                   | 9            |
| Fulton                   | 173                | 13                                 | 152                       | 4            | 45            | 44                 | 1                  | -                   | 1            |
| Garland                  | 1,293              | 1,119                              | 83                        | 88           | 615           | 311                | 304                | 22                  | 278          |
| Hot Springs              | 1,231              | 1,119                              | 55                        | 54           | 532           | 249                | 303                | 22                  | 278          |
| Balance of county        | 62                 | -                                  | 28                        | 34           | 63            | 62                 | 1                  | -                   | -            |
| Grant                    | 146                | 46                                 | 92                        | 5            | 53            | 53                 | -                  | -                   | -            |
| Greene                   | 612                | 555                                | 254                       | 1            | 224           | 160                | 64                 | 1                   | 60           |
| Hempstead                | 621                | 311                                | 130                       | 168          | 193           | 156                | 39                 | -                   | 39           |
| Hot Spring               | 506                | 339                                | 111                       | 53           | 117           | 91                 | 26                 | -                   | 26           |
| Howard                   | 355                | 264                                | 70                        | 24           | 113           | 88                 | 25                 | -                   | 25           |
| Independence             | 780                | 698                                | 61                        | 9            | 176           | 101                | 75                 | -                   | 75           |
| Izard                    | 114                | -                                  | 110                       | 2            | 44            | -                  | -                  | -                   | -            |
| Jackson                  | 886                | 727                                | 133                       | 16           | 217           | 152                | 65                 | -                   | 64           |
| Jefferson                | 1,913              | 941                                | 311                       | 638          | 630           | 464                | 166                | 22                  | 141          |
| Pine Bluff               | 1,166              | 941                                | 116                       | 108          | 386           | 224                | 162                | 18                  | 141          |
| Balance of county        | 747                | -                                  | 195                       | 530          | 244           | 240                | 4                  | -                   | -            |
| Johnson                  | 327                | 261                                | 58                        | 5            | 103           | 74                 | 29                 | -                   | 29           |
| Lafayette                | 200                | -                                  | 88                        | 109          | 73            | 72                 | 1                  | -                   | -            |
| Lawrence                 | 540                | 336                                | 193                       | 8            | 111           | 88                 | 23                 | 2                   | 19           |
| Lee                      | 484                | 2                                  | 195                       | 290          | 156           | 156                | -                  | -                   | -            |
| Lincoln                  | 287                | 63                                 | 49                        | 166          | 126           | 104                | 22                 | 6                   | 15           |
| Little River             | 266                | 96                                 | 73                        | 85           | 66            | 53                 | 13                 | -                   | 12           |
| Logan                    | 554                | 447                                | 107                       | -            | 264           | 110                | 154                | -                   | 154          |
| Lonoke                   | 502                | 50                                 | 250                       | 192          | 157           | 155                | 2                  | -                   | -            |
| Madison                  | 180                | 50                                 | 72                        | 28           | 63            | 61                 | 2                  | -                   | 2            |
| Marion                   | 61                 | -                                  | 56                        | 3            | 55            | -                  | -                  | -                   | -            |
| Miller                   | 1,191              | 900                                | 99                        | 185          | 337           | 198                | 139                | 3                   | 134          |
| Texarkana                | 974                | 900                                | 25                        | 48           | 244           | 108                | 136                | -                   | 134          |
| Balance of county        | 217                | -                                  | 73                        | 137          | 93            | 90                 | 3                  | 3                   | -            |
| Mississippi              | 2,842              | 1,352                              | 1,053                     | 406          | 503           | 399                | 104                | -                   | 94           |
| Blytheville              | 631                | 626                                | 152                       | 51           | 166           | 92                 | 74                 | -                   | 74           |
| Balance of county        | 2,011              | 726                                | 901                       | 355          | 337           | 307                | 30                 | -                   | 20           |
| Monroe                   | 414                | 24                                 | 220                       | 142          | 132           | 129                | 3                  | -                   | 3            |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |        |
|------------------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|--------|
|                                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |        |
|                                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |        |
|                                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |        |
| ARKANSAS—Continued                 |                    |                                    |                           |         |        |                    |                    |                     |        |
| Montgomery-----                    | 78                 | 5                                  | 44                        | 26      | 30     | 30                 | -                  | -                   | -      |
| Nevada-----                        | 359                | 145                                | 123                       | 82      | 103    | 92                 | 11                 | -                   | 11     |
| Newton-----                        | 74                 | -                                  | 57                        | 11      | 27     | 27                 | -                  | -                   | -      |
| Osachita-----                      | 861                | 451                                | 161                       | 236     | 246    | 184                | 62                 | -                   | 62     |
| Perry-----                         | 107                | -                                  | 89                        | 4       | 24     | 24                 | -                  | -                   | -      |
| Phillips-----                      | 1,414              | 450                                | 261                       | 679     | 485    | 376                | 89                 | -                   | 89     |
| Pike-----                          | 82                 | 1                                  | 72                        | 9       | 37     | 37                 | -                  | -                   | -      |
| Poinsett-----                      | 945                | 204                                | 683                       | 53      | 153    | 150                | 3                  | -                   | 3      |
| Polk-----                          | 341                | 246                                | 91                        | 1       | 115    | 91                 | 24                 | -                   | 23     |
| Pope-----                          | 628                | 437                                | 170                       | 15      | 154    | 113                | 41                 | -                   | 41     |
| Prairie-----                       | 175                | -                                  | 145                       | 28      | 63     | 63                 | -                  | -                   | -      |
| Pulaski-----                       | 5,423              | 4,857                              | 355                       | 109     | 2,436  | 846                | 1,590              | 450                 | 1,126  |
| Little Rock-----                   | 4,973              | 4,845                              | 83                        | 43      | 1,929  | 472                | 1,457              | 323                 | 1,122  |
| North Little Rock-----             | 105                | -                                  | 61                        | 40      | 153    | 153                | -                  | -                   | -      |
| Balance of county-----             | 345                | 11                                 | 211                       | 106     | 354    | 221                | 133                | 127                 | 4      |
| Randolph-----                      | 308                | 103                                | 201                       | 2       | 93     | 92                 | 1                  | -                   | -      |
| St. Francis-----                   | 1,053              | 472                                | 207                       | 362     | 273    | 215                | 58                 | -                   | 57     |
| Saline-----                        | 278                | 36                                 | 235                       | 6       | 282    | 91                 | 191                | 93                  | 98     |
| Scott-----                         | 187                | 119                                | 66                        | 2       | 49     | 37                 | 12                 | -                   | 12     |
| Searcy-----                        | 189                | 131                                | 27                        | 25      | 49     | 41                 | 8                  | -                   | 8      |
| Sebastian-----                     | 2,103              | 1,979                              | 104                       | 10      | 629    | 285                | 344                | 6                   | 334    |
| Fort Smith-----                    | 2,016              | 1,979                              | 19                        | 17      | 531    | 197                | 334                | 8                   | 324    |
| Balance of county-----             | 87                 | -                                  | 85                        | 1       | 98     | 10                 | -                  | -                   | 10     |
| Sevier-----                        | 377                | 316                                | 87                        | 10      | 118    | 72                 | 46                 | -                   | 46     |
| Sharp-----                         | 121                | -                                  | 117                       | -       | 28     | 28                 | -                  | -                   | -      |
| Stone-----                         | 60                 | -                                  | 54                        | 2       | 38     | 38                 | -                  | -                   | -      |
| Union-----                         | 1,193              | 838                                | 119                       | 221     | 324    | 231                | 93                 | -                   | 93     |
| El Dorado-----                     | 916                | 800                                | 30                        | 86      | 173    | 80                 | 93                 | -                   | 93     |
| Balance of county-----             | 277                | 38                                 | 89                        | 135     | 151    | -                  | -                  | -                   | -      |
| Van Buren-----                     | 153                | 5                                  | 147                       | -       | 54     | -                  | -                  | -                   | -      |
| Washington-----                    | 1,289              | 1,197                              | 69                        | 18      | 450    | 230                | 220                | 1                   | 214    |
| White-----                         | 1,030              | 715                                | 298                       | 8       | 285    | 177                | 108                | 3                   | 105    |
| Woodruff-----                      | 449                | 109                                | 260                       | 70      | 107    | 106                | 1                  | -                   | -      |
| Yell-----                          | 218                | 95                                 | 122                       | -       | 67     | 64                 | 3                  | -                   | 3      |
| CALIFORNIA-----                    | 240,777            | 235,673                            | 4,031                     | 398     | 99,320 | 42,128             | 57,192             | 5,557               | 50,067 |
| Alameda-----                       | 21,104             | 20,913                             | 161                       | 5       | 7,264  | 3,028              | 4,236              | 245                 | 3,811  |
| Oakland-----                       | 14,037             | 13,930                             | 88                        | 4       | 4,685  | 1,751              | 2,934              | 165                 | 2,673  |
| Alameda-----                       | 1,256              | 1,238                              | 15                        | -       | 351    | 210                | 141                | -                   | 127    |
| Berkeley-----                      | 3,684              | 3,663                              | 21                        | -       | 907    | 442                | 465                | 2                   | 435    |
| Albany-----                        | 647                | 645                                | 2                         | -       | 87     | 49                 | 38                 | -                   | 38     |
| San Leandro-----                   | 2                  | 1                                  | 1                         | -       | 100    | 93                 | 7                  | 1                   | 5      |
| Balance of county-----             | 1,478              | 1,437                              | 34                        | 1       | 1,134  | 483                | 651                | 77                  | 541    |
| Alpine-----                        | -                  | -                                  | -                         | -       | -      | -                  | -                  | -                   | -      |
| Amador-----                        | 97                 | 82                                 | 14                        | -       | 89     | 6                  | 38                 | 37                  | -      |
| Butte-----                         | 1,663              | 1,640                              | 21                        | -       | 728    | 346                | 382                | 6                   | 356    |
| Calaveras-----                     | 52                 | 23                                 | 29                        | -       | 119    | 63                 | 56                 | 21                  | 35     |
| Colusa-----                        | 284                | 256                                | 8                         | -       | 144    | 84                 | 60                 | -                   | 80     |
| Contra Costa-----                  | 4,420              | 4,219                              | 190                       | -       | 1,300  | 724                | 576                | 12                  | 548    |
| Richmond-----                      | 1,869              | 1,757                              | 125                       | -       | 358    | 212                | 146                | -                   | 136    |
| Balance of county-----             | 2,551              | 2,462                              | 65                        | -       | 942    | 512                | 430                | 12                  | 410    |
| Del Norte-----                     | 205                | 200                                | 4                         | -       | 86     | 38                 | 48                 | -                   | 48     |
| El Dorado-----                     | 206                | 187                                | 19                        | -       | 176    | 106                | 70                 | 26                  | 44     |
| Fresno-----                        | 7,058              | 6,864                              | 170                       | 5       | 2,342  | 1,003              | 1,339              | 36                  | 1,273  |
| Fresno-----                        | 5,071              | 5,024                              | 44                        | 2       | 1,483  | 406                | 1,077              | 24                  | 1,043  |
| Balance of county-----             | 1,987              | 1,840                              | 126                       | 3       | 859    | 597                | 262                | 12                  | 230    |
| Glenn-----                         | 205                | 197                                | 8                         | -       | 102    | 65                 | 37                 | -                   | 36     |
| Humboldt-----                      | 1,579              | 1,565                              | 12                        | -       | 738    | 267                | 471                | 31                  | 439    |
| Eureka-----                        | 950                | 949                                | 1                         | -       | 448    | 97                 | 351                | 29                  | 322    |
| Balance of county-----             | 629                | 616                                | 11                        | -       | 290    | 170                | 120                | 2                   | 117    |
| Imperial-----                      | 1,933              | 1,451                              | 421                       | 21      | 503    | 297                | 206                | -                   | 202    |
| Brawley-----                       | 733                | 488                                | 224                       | 13      | 96     | 54                 | 42                 | -                   | 42     |
| El Centro-----                     | 357                | 300                                | 52                        | 2       | 85     | 47                 | 38                 | -                   | 38     |
| Balance of county-----             | 865                | 663                                | 145                       | 6       | 324    | 196                | 128                | -                   | 122    |
| Inyo-----                          | 246                | 243                                | 1                         | 1       | 105    | 48                 | 55                 | 8                   | 31     |
| Kern-----                          | 6,480              | 6,265                              | 190                       | 1       | 1,676  | 638                | 1,038              | 7                   | 1,015  |
| Bakersfield-----                   | 2,168              | 2,160                              | 3                         | -       | 337    | 134                | 203                | -                   | 197    |
| Balance of county-----             | 4,312              | 4,105                              | 187                       | 1       | 1,339  | 504                | 835                | 7                   | 818    |
| Kings-----                         | 1,441              | 1,371                              | 67                        | -       | 425    | 186                | 239                | -                   | 259    |
| Lake-----                          | 235                | 233                                | 1                         | 1       | 161    | 92                 | 69                 | 2                   | 66     |
| Laassen-----                       | 519                | 507                                | 12                        | -       | 130    | 62                 | 68                 | 13                  | 55     |
| Los Angeles-----                   | 89,421             | 86,716                             | 1,120                     | 309     | 36,877 | 17,235             | 21,642             | 1,368               | 19,541 |
| Long Beach-----                    | 7,732              | 7,721                              | 9                         | -       | 2,220  | 1,075              | 1,145              | -                   | 1,125  |
| Los Angeles-----                   | 37,540             | 36,559                             | 660                       | 195     | 20,935 | 8,640              | 12,093             | 270                 | 11,332 |
| Alhambra-----                      | 1,146              | 1,138                              | 7                         | 1       | 338    | 7                  | 62                 | 4                   | 57     |
| Belvedere (wp.) <sup>4</sup> ----- | 266                | 188                                | 18                        | 69      | 162    | 124                | 38                 | -                   | 35     |
| Beverly Hills-----                 | 2                  | -                                  | 2                         | -       | 175    | 174                | 1                  | -                   | 1      |
| Burbank-----                       | 2,501              | 2,409                              | 12                        | -       | 517    | 233                | 284                | -                   | 283    |
| Glendale-----                      | 4,835              | 4,627                              | 8                         | -       | 1,222  | 468                | 754                | -                   | 740    |
| Huntington Park-----               | 900                | 896                                | 1                         | 1       | 173    | 123                | 51                 | -                   | 47     |
| Inglewood-----                     | 1,918              | 1,908                              | 7                         | 7       | 443    | 173                | 270                | -                   | 267    |
| Pasadena-----                      | 2,113              | 2,087                              | 23                        | -       | 1,442  | 686                | 754                | 4                   | 689    |
| Santa Monica-----                  | 4,177              | 4,153                              | 5                         | -       | 942    | 461                | 481                | 14                  | 452    |
| South Gate-----                    | 911                | 907                                | 3                         | 1       | 201    | 139                | 62                 | -                   | 61     |
| Bell-----                          | 451                | 448                                | 3                         | -       | 106    | 58                 | 48                 | -                   | 48     |
| Compton-----                       | 1,062              | 1,051                              | 9                         | -       | 237    | 115                | 122                | 7                   | 111    |
| Lynwood-----                       | 2,568              | 2,567                              | 1                         | -       | 283    | 65                 | 223                | -                   | 223    |
| Maywood-----                       | 863                | 862                                | -                         | 1       | 181    | 72                 | 109                | -                   | 109    |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA   | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|  | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|  |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| CALIFORNIA—Continued                                 |                    |                                    |                           |         |        |                    |                    |                     |       |
| Los Angeles—Continued                                |                    |                                    |                           |         |        |                    |                    |                     |       |
| Monrovia   | 148                | 127                                | 21                        | -       | 180    | 121                | 59                 | -                   | 55    |
| Pomona   | 1,247              | 1,247                              | -                         | -       | 351    | 171                | 180                | 14                  | 154   |
| Redondo Beach  | 13                 | 1                                  | 11                        | -       | 104    | 69                 | 15                 | 15                  | -     |
| San Gabriel  | 841                | 836                                | 5                         | -       | 174    | 70                 | 96                 | 7                   | 89    |
| South Pasadena                                       | -                  | -                                  | -                         | -       | 151    | 94                 | 57                 | 18                  | 18    |
| Whittier   | 1,287              | 1,285                              | 2                         | -       | 271    | 120                | 151                | 2                   | 149   |
| Balance of county                                    | 16,060             | 15,599                             | 513                       | 41      | 8,086  | 3,479              | 4,607              | 1,013               | 3,496 |
| Madera   | 1,000              | 986                                | 10                        | -       | 341    | 157                | 204                | -                   | 204   |
| Mariposa   | 1,775              | 1,768                              | 4                         | -       | 661    | 359                | 302                | 75                  | 177   |
| Marysville   | 34                 | 31                                 | 1                         | -       | 50     | 52                 | 8                  | -                   | 8     |
| Mendocino  | 830                | 819                                | 9                         | -       | 510    | 208                | 302                | 150                 | 152   |
| Merced   | 1,986              | 1,969                              | 14                        | -       | 508    | 166                | 322                | -                   | 322   |
| Merced   | 1,278              | 1,277                              | -                         | -       | 309    | 41                 | 268                | -                   | 268   |
| Balance of county                                    | 708                | 692                                | 14                        | -       | 199    | 145                | 54                 | -                   | 54    |
| Modoc  | 194                | 193                                | 1                         | -       | 30     | 37                 | 5                  | -                   | 5     |
| Mono   | 7                  | 4                                  | 3                         | -       | 19     | 14                 | 5                  | -                   | 5     |
| Monterey   | 3,143              | 3,073                              | 65                        | -       | 879    | 385                | 494                | 7                   | 482   |
| Monterey   | 293                | 291                                | 2                         | -       | 98     | 37                 | 61                 | 1                   | 60    |
| Salinas  | 1,112              | 1,108                              | 4                         | -       | 139    | 59                 | 80                 | -                   | 80    |
| Balance of county                                    | 1,738              | 1,674                              | 60                        | -       | 642    | 289                | 353                | 6                   | 342   |
| Napa   | 762                | 758                                | 5                         | -       | 915    | 171                | 744                | 575                 | 163   |
| Nevada   | 404                | 394                                | 10                        | -       | 257    | 95                 | 162                | -                   | 162   |
| Orange   | 4,130              | 4,055                              | 123                       | 4       | 1,916  | 1,033              | 883                | 14                  | 842   |
| Santa Ana  | 1,023              | 1,008                              | 15                        | -       | 366    | 226                | 140                | 10                  | 137   |
| Anaheim  | 111                | 103                                | 8                         | -       | 127    | 69                 | 58                 | -                   | 58    |
| Fullerton  | 1,026              | 1,020                              | 6                         | -       | 180    | 75                 | 105                | 3                   | 102   |
| Balance of county                                    | 2,030              | 1,924                              | 99                        | 4       | 1,223  | 643                | 580                | 1                   | 575   |
| Placer   | 459                | 419                                | 30                        | 9       | 551    | 195                | 356                | 77                  | 277   |
| Plumas   | 280                | 274                                | 5                         | 1       | 123    | 57                 | 66                 | -                   | 64    |
| Riverside  | 3,865              | 3,694                              | 149                       | 2       | 1,638  | 784                | 854                | 20                  | 816   |
| Riverside  | 1,846              | 1,833                              | 13                        | -       | 755    | 205                | 550                | 18                  | 527   |
| Balance of county                                    | 2,019              | 1,861                              | 136                       | 2       | 883    | 579                | 304                | 1                   | 289   |
| Sacramento   | 7,502              | 7,449                              | 43                        | -       | 2,578  | 1,090              | 1,488              | 15                  | 1,454 |
| Sacramento   | 6,933              | 6,913                              | 16                        | -       | 2,100  | 668                | 1,412              | 3                   | 1,397 |
| Balance of county                                    | 589                | 536                                | 27                        | -       | 478    | 402                | 76                 | 12                  | 87    |
| San Benito   | 310                | 291                                | 10                        | -       | 152    | 79                 | 73                 | 24                  | 49    |
| San Bernardino                                       | 8,441              | 8,206                              | 220                       | 2       | 2,835  | 1,094              | 1,741              | 460                 | 1,243 |
| San Bernardino                                       | 5,108              | 3,048                              | 59                        | -       | 1,071  | 282                | 789                | 5                   | 769   |
| Ontario  | 2                  | -                                  | -                         | -       | 91     | 87                 | 4                  | -                   | 4     |
| Hedlands   | 550                | 519                                | 30                        | -       | 202    | 102                | 100                | -                   | 97    |
| Balance of county                                    | 2,781              | 2,639                              | 129                       | 1       | 1,471  | 623                | 848                | 456                 | 377   |
| San Diego  | 13,456             | 13,280                             | 126                       | 10      | 4,435  | 1,850              | 2,585              | 75                  | 2,442 |
| San Diego  | 9,714              | 9,633                              | 61                        | 1       | 3,075  | 1,186              | 1,889              | 7                   | 1,848 |
| National City  | 727                | 713                                | 8                         | -       | 221    | 49                 | 172                | 10                  | 150   |
| Balance of county                                    | 3,015              | 2,934                              | 67                        | 9       | 1,139  | 615                | 524                | 58                  | 444   |
| San Francisco, coextensive with San Francisco (city) | 19,229             | 19,095                             | 88                        | 11      | 9,890  | 3,606              | 6,284              | 575                 | 5,622 |
| San Joaquin  | 4,967              | 4,895                              | 82                        | 3       | 2,182  | 771                | 1,411              | 370                 | 1,039 |
| Stockton   | 2,711              | 2,699                              | 7                         | -       | 576    | 295                | 281                | 2                   | 276   |
| Lodi   | 598                | 598                                | -                         | -       | 143    | 63                 | 80                 | -                   | 80    |
| Balance of county                                    | 1,658              | 1,598                              | 45                        | -       | 1,463  | 413                | 1,050              | 369                 | 682   |
| San Luis Obispo                                      | 865                | 843                                | 22                        | -       | 491    | 211                | 280                | 21                  | 243   |
| San Mateo  | 2,313              | 2,291                              | 14                        | -       | 1,386  | 661                | 725                | 112                 | 607   |
| Burlingame   | -                  | -                                  | -                         | -       | 71     | 67                 | 4                  | 4                   | -     |
| Redwood City   | 4                  | -                                  | 3                         | -       | 83     | 81                 | 2                  | -                   | 2     |
| San Mateo  | 2,204              | 2,201                              | 1                         | -       | 563    | 131                | 432                | -                   | 432   |
| Balance of county                                    | 105                | 90                                 | 10                        | -       | 669    | 392                | 287                | 108                 | 175   |
| Santa Barbara  | 2,390              | 2,361                              | 24                        | 1       | 894    | 337                | 557                | -                   | 543   |
| Santa Barbara  | 1,361              | 1,349                              | 11                        | -       | 429    | 165                | 263                | -                   | 251   |
| Balance of county                                    | 1,029              | 1,012                              | 13                        | 1       | 466    | 172                | 294                | -                   | 292   |
| Santa Clara  | 7,709              | 7,649                              | 48                        | 2       | 3,005  | 1,090              | 1,915              | 534                 | 1,304 |
| San Jose   | 2,455              | 2,435                              | 20                        | -       | 757    | 387                | 350                | 1                   | 302   |
| Palo Alto  | 2,391              | 2,369                              | 1                         | -       | 390    | 132                | 248                | 1                   | 246   |
| Balance of county                                    | 2,863              | 2,825                              | 27                        | 2       | 1,898  | 571                | 1,317              | 532                 | 756   |
| Santa Cruz   | 1,400              | 1,396                              | 4                         | -       | 881    | 392                | 489                | 40                  | 434   |
| Santa Cruz   | 691                | 681                                | -                         | -       | 391    | 197                | 194                | 20                  | 168   |
| Balance of county                                    | 719                | 715                                | 4                         | -       | 490    | 195                | 295                | 20                  | 266   |
| Shasta   | 631                | 790                                | 36                        | -       | 336    | 153                | 183                | -                   | 180   |
| Sierra   | 1                  | -                                  | 1                         | -       | 14     | 11                 | 3                  | 3                   | -     |
| Siskiyou   | 644                | 624                                | 13                        | 2       | 294    | 147                | 147                | -                   | 145   |
| Solano   | 2,689              | 2,645                              | 35                        | -       | 673    | 295                | 378                | 1                   | 336   |
| Vallejo  | 1,844              | 1,829                              | 10                        | -       | 290    | 84                 | 206                | -                   | 200   |
| Balance of county                                    | 845                | 816                                | 25                        | -       | 383    | 211                | 172                | 1                   | 136   |
| Sonoma   | 2,000              | 1,996                              | 2                         | -       | 1,244  | 475                | 769                | 163                 | 590   |
| Santa Rosa   | 583                | 563                                | -                         | -       | 191    | 91                 | 100                | 7                   | 60    |
| Balance of county                                    | 1,437              | 1,433                              | 2                         | -       | 1,053  | 384                | 669                | 156                 | 510   |
| Stanislaus   | 3,402              | 3,330                              | 70                        | -       | 1,132  | 442                | 690                | 90                  | 579   |
| Modesto  | 2,224              | 2,222                              | 1                         | -       | 542    | 99                 | 443                | 2                   | 436   |
| Balance of county                                    | 1,178              | 1,108                              | 69                        | -       | 590    | 343                | 247                | 88                  | 143   |
| Sutter   | 303                | 300                                | 2                         | -       | 173    | 95                 | 78                 | 1                   | 77    |
| Tehama   | 450                | 450                                | -                         | -       | 251    | 93                 | 158                | -                   | 156   |
| Trinity  | 45                 | 44                                 | 1                         | -       | 58     | 34                 | 24                 | -                   | 23    |
| Tulare   | 3,782              | 3,596                              | 156                       | 2       | 997    | 481                | 516                | 8                   | 503   |
| Tuolumne   | 320                | 320                                | -                         | -       | 170    | 88                 | 102                | -                   | 102   |
| Ventura  | 2,774              | 2,605                              | 152                       | 4       | 1,110  | 350                | 760                | 335                 | 418   |
| San Buenaventura                                     | 594                | 589                                | 5                         | -       | 126    | 52                 | 74                 | -                   | 74    |
| Balance of county                                    | 2,180              | 2,016                              | 147                       | 4       | 984    | 298                | 686                | 335                 | 344   |
| Yolo   | 612                | 792                                | 15                        | 1       | 410    | 193                | 217                | -                   | 217   |
| Yuba   | 965                | 958                                | 4                         | -       | 290    | 99                 | 191                | -                   | 191   |

See footnotes on p. 111.  
891563 O—50—8

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                                   | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|  | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|  |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| COLORADO                               | 33,568             | 30,967                             | 2,207                     | 221     | 12,824 | 5,328              | 7,496              | 769                 | 6,532 |
| Adams                                  | 1,126              | 1,056                              | 69                        | 14      | 343    | 110                | 233                | 2                   | 231   |
| Alamosa                                | 522                | 515                                | 4                         | -       | 112    | 32                 | 80                 | -                   | 78    |
| Arapahoe                               | 20                 | 3                                  | 16                        | -       | 219    | 120                | 99                 | 6                   | 90    |
| Archuleta                              | 57                 | 10                                 | 39                        | 1       | 18     | 16                 | 2                  | -                   | -     |
| Baca                                   | 126                | 46                                 | 80                        | -       | 58     | 51                 | 7                  | -                   | 5     |
| Bent                                   | 121                | 119                                | 72                        | -       | 72     | 19                 | 53                 | 31                  | 22    |
| Boulder                                | 1,227              | 1,168                              | 58                        | -       | 410    | 158                | 252                | -                   | 247   |
| Boulder                                | 599                | 599                                | -                         | -       | 224    | 69                 | 155                | -                   | 154   |
| Balance of county                      | 628                | 569                                | 58                        | -       | 186    | 89                 | 97                 | -                   | 93    |
| Chaffee                                | 184                | 180                                | 3                         | 1       | 110    | 39                 | 71                 | 4                   | 67    |
| Cheyenne                               | 84                 | 82                                 | 2                         | -       | 22     | 9                  | 13                 | -                   | 10    |
| Clear Creek                            | 6                  | -                                  | 6                         | -       | 20     | 20                 | -                  | -                   | -     |
| Conejos                                | 34                 | 1                                  | 24                        | 1       | 56     | 56                 | -                  | -                   | -     |
| Costilla                               | 116                | 2                                  | 61                        | 47      | 27     | 27                 | -                  | -                   | -     |
| Crowley                                | 74                 | 1                                  | 72                        | -       | 19     | 19                 | -                  | -                   | -     |
| Custer                                 | 1                  | -                                  | 1                         | -       | 8      | 8                  | -                  | -                   | -     |
| Delta                                  | 426                | 284                                | 141                       | -       | 186    | 130                | 56                 | 5                   | 44    |
| Denver, coextensive with Denver (city) | 13,746             | 13,507                             | 210                       | 19      | 4,786  | 1,667              | 3,119              | 66                  | 3,004 |
| Dolores                                | -                  | -                                  | -                         | -       | 7      | 7                  | -                  | -                   | -     |
| Douglas                                | 3                  | -                                  | 3                         | -       | 20     | 20                 | -                  | -                   | -     |
| Eagle                                  | 60                 | 57                                 | 3                         | -       | 25     | 19                 | 6                  | -                   | 6     |
| Elbert                                 | 7                  | 4                                  | 3                         | -       | 12     | 12                 | -                  | -                   | -     |
| El Paso                                | 1,831              | 1,807                              | 17                        | -       | 623    | 298                | 325                | 118                 | 401   |
| Colorado Springs                       | 1,569              | 1,551                              | 13                        | -       | 682    | 236                | 446                | 51                  | 387   |
| Balance of county                      | 262                | 256                                | 4                         | -       | 143    | 62                 | 81                 | 65                  | 14    |
| Fremont                                | 345                | 331                                | 13                        | 1       | 245    | 92                 | 153                | 14                  | 120   |
| Garfield                               | 335                | 305                                | 17                        | -       | 133    | 60                 | 73                 | 1                   | 67    |
| Gilpin                                 | 1                  | 1                                  | -                         | -       | 7      | 7                  | -                  | -                   | -     |
| Grand                                  | 82                 | 65                                 | 16                        | -       | 36     | 20                 | 16                 | -                   | 6     |
| Gunnison                               | 142                | 137                                | 4                         | -       | 41     | 22                 | 19                 | -                   | 19    |
| Hinsdale                               | -                  | -                                  | -                         | -       | 1      | 1                  | -                  | -                   | -     |
| Huerfano                               | 248                | 113                                | 78                        | 42      | 101    | 61                 | 20                 | -                   | 19    |
| Jackson                                | 3                  | -                                  | 6                         | -       | 6      | 6                  | -                  | -                   | -     |
| Jefferson                              | 29                 | 1                                  | 26                        | 1       | 297    | 194                | 103                | 9                   | 78    |
| Kit Carson                             | 74                 | 70                                 | 4                         | -       | 18     | 10                 | 8                  | -                   | 6     |
| Kit Carson                             | 211                | 191                                | 19                        | -       | 48     | 25                 | 23                 | -                   | 23    |
| Lake                                   | 193                | 193                                | -                         | -       | 80     | 54                 | 46                 | -                   | 46    |
| La Plata                               | 522                | 469                                | 48                        | 2       | 172    | 59                 | 113                | -                   | 112   |
| Larimer                                | 1,035              | 956                                | 44                        | -       | 369    | 167                | 162                | 19                  | 158   |
| Fort Collins                           | 918                | 918                                | -                         | -       | 225    | 60                 | 165                | -                   | 148   |
| Balance of county                      | 87                 | 38                                 | 44                        | -       | 144    | 127                | 17                 | 7                   | 10    |
| Las Animas                             | 669                | 501                                | 165                       | -       | 268    | 151                | 107                | -                   | 107   |
| Trinidad                               | 583                | 499                                | 85                        | -       | 198    | 91                 | 107                | -                   | 107   |
| Balance of county                      | 86                 | 2                                  | 82                        | -       | 60     | 60                 | -                  | -                   | -     |
| Lincoln                                | 60                 | 54                                 | 6                         | -       | 27     | 27                 | -                  | -                   | -     |
| Logan                                  | 521                | 509                                | 11                        | -       | 127    | 64                 | 63                 | -                   | 63    |
| Mesa                                   | 984                | 921                                | 56                        | 1       | 379    | 169                | 210                | 22                  | 164   |
| Grand Junction                         | 812                | 799                                | 8                         | 1       | 228    | 62                 | 166                | 1                   | 141   |
| Balance of county                      | 172                | 122                                | 48                        | -       | 151    | 107                | 44                 | 21                  | 23    |
| Mineral                                | -                  | -                                  | -                         | -       | 9      | 9                  | -                  | -                   | -     |
| Moffat                                 | 37                 | 17                                 | 20                        | -       | 37     | 25                 | 12                 | -                   | 12    |
| Montezuma                              | 301                | 263                                | 14                        | 1       | 77     | 35                 | 42                 | -                   | 26    |
| Montrose                               | 325                | 301                                | 17                        | -       | 118    | 78                 | 40                 | -                   | 39    |
| Morgan                                 | 471                | 454                                | 14                        | -       | 183    | 75                 | 108                | 26                  | 82    |
| Otero                                  | 948                | 833                                | 94                        | 11      | 259    | 121                | 138                | -                   | 138   |
| Ourray                                 | 43                 | 41                                 | 2                         | -       | 25     | 14                 | 11                 | -                   | 11    |
| Park                                   | 14                 | 13                                 | -                         | 1       | 11     | 6                  | 5                  | -                   | 5     |
| Phillips                               | 121                | 119                                | 2                         | -       | 29     | 19                 | 11                 | -                   | 11    |
| Pitkin                                 | 26                 | 26                                 | -                         | -       | 21     | 11                 | 10                 | -                   | 10    |
| Prover                                 | 590                | 563                                | 24                        | -       | 147    | 70                 | 77                 | -                   | 72    |
| Pueblo                                 | 2,386              | 2,057                              | 244                       | 59      | 1,240  | 529                | 911                | 426                 | 485   |
| Pueblo                                 | 1,366              | 1,174                              | 163                       | 16      | 941    | 249                | 692                | 415                 | 277   |
| Balance of county                      | 1,020              | 883                                | 81                        | 43      | 299    | 80                 | 219                | 11                  | 208   |
| Rio Blanco                             | 103                | 89                                 | 14                        | -       | 24     | 20                 | 4                  | -                   | 3     |
| Rio Grande                             | 547                | 461                                | 81                        | -       | 162    | 62                 | 100                | 1                   | 99    |
| Routt                                  | 323                | 304                                | 18                        | 1       | 79     | 35                 | 44                 | -                   | 44    |
| Saguache                               | 26                 | 8                                  | 6                         | 12      | 28     | 27                 | 1                  | 1                   | -     |
| San Juan                               | 10                 | 10                                 | -                         | -       | 9      | 3                  | 3                  | -                   | 3     |
| San Miguel                             | 61                 | 47                                 | 13                        | 1       | 21     | 13                 | 8                  | -                   | 8     |
| Sedgwick                               | 152                | 147                                | 5                         | -       | 35     | 17                 | 18                 | -                   | 18    |
| Summit                                 | 1                  | -                                  | 1                         | -       | 8      | 8                  | -                  | -                   | -     |
| Teller                                 | 39                 | 39                                 | -                         | -       | 34     | 17                 | 17                 | 2                   | 15    |
| Washington                             | 115                | 112                                | 2                         | -       | 34     | 16                 | 18                 | -                   | 16    |
| Weld                                   | 1,517              | 1,193                              | 313                       | 5       | 475    | 247                | 228                | 17                  | 205   |
| Greeley                                | 1,214              | 1,186                              | 26                        | 1       | 296    | 70                 | 226                | 17                  | 205   |
| Balance of county                      | 303                | 7                                  | 287                       | 4       | 179    | 177                | 2                  | -                   | 1     |
| Yuma                                   | 217                | 213                                | 4                         | -       | 79     | 43                 | 36                 | 1                   | 33    |
| CONNECTICUT                            | 41,199             | 40,697                             | 469                       | 2       | 19,419 | 9,137              | 10,282             | 1,343               | 8,635 |
| Fairfield                              | 9,953              | 9,867                              | 64                        | 1       | 4,810  | 2,167              | 2,643              | 362                 | 2,237 |
| Bridgeport                             | 5,095              | 5,064                              | 30                        | 1       | 1,864  | 807                | 1,057              | 90                  | 963   |
| Norwalk                                | 1,440              | 1,420                              | 20                        | -       | 568    | 210                | 358                | 3                   | 353   |
| Stamford                               | 1,838              | 1,831                              | 7                         | -       | 711    | 257                | 454                | 3                   | 429   |
| Danbury                                | 966                | 965                                | 1                         | -       | 403    | 144                | 259                | 2                   | 257   |
| Shelton                                | 3                  | 1                                  | 2                         | -       | 87     | 56                 | 31                 | 2                   | 29    |
| Stratford (town)                       | 8                  | -                                  | 8                         | -       | 126    | 117                | 9                  | -                   | 6     |
| Balance of county                      | 603                | 586                                | 16                        | -       | 1,051  | 576                | 475                | 262                 | 200   |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                         | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |               |
|------------------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|---------------|
|                              | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |               |
|                              |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |               |
|                              |                    |                                    |                           |              |               |                    | Resi- dent         | Non- resi- dent     |               |
| <b>CONNECTICUT—Continued</b> |                    |                                    |                           |              |               |                    |                    |                     |               |
| Hartford                     | 11,808             | 11,764                             | 38                        | -            | 4,904         | 2,262              | 2,642              | 169                 | 2,366         |
| Hartford                     | 8,297              | 8,287                              | 8                         | -            | 2,239         | 715                | 1,524              | 18                  | 1,500         |
| Bristol                      | 721                | 718                                | 2                         | -            | 288           | 156                | 152                | -                   | 137           |
| New Britain                  | 1,847              | 1,839                              | 7                         | -            | 636           | 323                | 315                | 10                  | 295           |
| West Hartford (town)         | 4                  | -                                  | 1                         | -            | 204           | 159                | 65                 | 15                  | 33            |
| East Hartford (town)         | 3                  | -                                  | -                         | -            | 134           | 121                | 13                 | -                   | 8             |
| Balance of county            | 939                | 917                                | 20                        | -            | 1,345         | 768                | 575                | 126                 | 395           |
| Litchfield                   | 1,514              | 1,501                              | 13                        | -            | 848           | 497                | 351                | 3                   | 356           |
| Torrington                   | 825                | 821                                | 4                         | -            | 258           | 100                | 158                | -                   | 158           |
| Balance of county            | 683                | 680                                | 3                         | -            | 590           | 397                | 193                | 3                   | 178           |
| Middletown                   | 1,128              | 1,118                              | 10                        | -            | 895           | 323                | 572                | 310                 | 248           |
| Middletown                   | 1,118              | 1,117                              | 1                         | -            | 645           | 103                | 542                | 296                 | 245           |
| Balance of county            | 10                 | 1                                  | 9                         | -            | 250           | 220                | 30                 | 14                  | 3             |
| New Haven                    | 12,014             | 11,757                             | 254                       | 1            | 5,367         | 2,650              | 2,737              | 157                 | 2,516         |
| New Haven                    | 5,836              | 5,804                              | 29                        | 1            | 2,232         | 927                | 1,405              | 68                  | 1,294         |
| Meriden                      | 1,154              | 1,158                              | 6                         | -            | 444           | 267                | 177                | 4                   | 280           |
| Waterbury                    | 3,541              | 3,369                              | 172                       | -            | 1,170         | 423                | 747                | 33                  | 705           |
| West Haven (town)            | 9                  | 1                                  | 8                         | -            | 220           | 203                | 17                 | 1                   | 14            |
| Ansonia                      | 2                  | -                                  | 2                         | -            | 112           | 110                | 2                  | 1                   | 1             |
| Derby                        | 1,007              | 1,005                              | 2                         | -            | 203           | 43                 | 155                | -                   | 155           |
| Hartford                     | 1                  | -                                  | 1                         | -            | 82            | 81                 | 1                  | -                   | 1             |
| Wallingford                  | -                  | -                                  | -                         | -            | 105           | 86                 | 19                 | 19                  | -             |
| Balance of county            | 454                | 420                                | 34                        | -            | 799           | 675                | 124                | 14                  | 88            |
| New London                   | 3,064              | 3,052                              | 31                        | -            | 1,647         | 681                | 966                | 318                 | 617           |
| New London                   | 1,797              | 1,791                              | 6                         | -            | 474           | 147                | 327                | 13                  | 305           |
| Norwich                      | 598                | 594                                | 4                         | -            | 285           | 164                | 121                | 4                   | 117           |
| Balance of county            | 689                | 647                                | 21                        | -            | 868           | 370                | 518                | 301                 | 185           |
| Tolland                      | 411                | 409                                | 1                         | -            | 324           | 189                | 135                | 5                   | 127           |
| Windham                      | 1,307              | 1,249                              | 58                        | -            | 624           | 368                | 256                | 19                  | 188           |
| Willimantic                  | 550                | 548                                | 2                         | -            | 180           | 92                 | 88                 | -                   | 81            |
| Balance of county            | 757                | 701                                | 56                        | -            | 444           | 296                | 148                | 19                  | 107           |
| <b>DELAWARE</b>              | <b>7,413</b>       | <b>6,701</b>                       | <b>308</b>                | <b>297</b>   | <b>3,466</b>  | <b>1,788</b>       | <b>1,678</b>       | <b>311</b>          | <b>1,320</b>  |
| Kent                         | 695                | 462                                | 85                        | 90           | 575           | 332                | 241                | 155                 | 81            |
| New Castle                   | 5,237              | 5,130                              | 43                        | 49           | 2,218         | 1,003              | 1,215              | 147                 | 1,052         |
| Wilmington                   | 5,155              | 5,123                              | 12                        | 19           | 1,605         | 611                | 992                | 43                  | 920           |
| Balance of county            | 82                 | 7                                  | 31                        | 30           | 615           | 392                | 223                | 104                 | 112           |
| Sussex                       | 1,481              | 1,089                              | 182                       | 158          | 675           | 453                | 222                | 9                   | 207           |
| <b>DISTRICT OF COLUMBIA</b>  | <b>27,479</b>      | <b>27,282</b>                      | <b>216</b>                | <b>-</b>     | <b>8,368</b>  | <b>3,057</b>       | <b>5,331</b>       | <b>712</b>          | <b>4,606</b>  |
| <b>FLORIDA</b>               | <b>60,758</b>      | <b>46,884</b>                      | <b>5,120</b>              | <b>8,572</b> | <b>25,881</b> | <b>15,828</b>      | <b>12,053</b>      | <b>859</b>          | <b>10,375</b> |
| Alachua                      | 1,531              | 996                                | 209                       | 324          | 459           | 295                | 164                | 10                  | 148           |
| Gainesville                  | 1,130              | 995                                | 33                        | 102          | 260           | 165                | 155                | 2                   | 148           |
| Balance of county            | 401                | 1                                  | 176                       | 222          | 199           | 190                | 9                  | 8                   | -             |
| Baker                        | 128                | 1                                  | 62                        | 65           | 29            | 29                 | -                  | -                   | -             |
| Bay                          | 1,150              | 929                                | 84                        | 131          | 275           | 197                | 78                 | 1                   | 77            |
| Panama City                  | 808                | 648                                | 74                        | 85           | 199           | 130                | 69                 | -                   | 69            |
| Balance of county            | 342                | 281                                | 10                        | 46           | 76            | 67                 | 9                  | 1                   | 8             |
| Bradford                     | 369                | 227                                | 15                        | 125          | 103           | 67                 | 36                 | 1                   | 15            |
| Brevard                      | 419                | 215                                | 26                        | 178          | 209           | 133                | 76                 | 8                   | 64            |
| Broward                      | 1,579              | 1,056                              | 195                       | 326          | 702           | 364                | 338                | 4                   | 329           |
| Fort Lauderdale              | 1,085              | 923                                | 91                        | 71           | 440           | 186                | 274                | 3                   | 269           |
| Balance of county            | 494                | 133                                | 104                       | 255          | 282           | 198                | 64                 | 1                   | 60            |
| Calhoun                      | 172                | 1                                  | 138                       | 33           | 52            | 51                 | 1                  | -                   | 1             |
| Charlotte                    | 35                 | 25                                 | 2                         | 8            | 73            | 46                 | 27                 | -                   | 27            |
| Citrus                       | 83                 | -                                  | 36                        | 47           | 43            | 43                 | -                  | -                   | -             |
| Clay                         | 97                 | -                                  | 41                        | 55           | 90            | 60                 | 30                 | 29                  | 1             |
| Collier                      | 30                 | 4                                  | 4                         | 19           | 30            | 30                 | -                  | -                   | -             |
| Columbia                     | 677                | 473                                | 57                        | 146          | 347           | 111                | 236                | -                   | 236           |
| Dade                         | 9,013              | 8,107                              | 359                       | 542          | 4,078         | 1,831              | 2,247              | 9                   | 2,003         |
| Miami                        | 5,836              | 5,249                              | 252                       | 332          | 2,365         | 1,068              | 1,295              | 7                   | 1,170         |
| Miami Beach                  | 748                | 748                                | -                         | -            | 544           | 248                | 296                | -                   | 279           |
| Balance of county            | 2,429              | 2,110                              | 107                       | 210          | 1,171         | 515                | 656                | 2                   | 554           |
| De Soto                      | 229                | 227                                | 2                         | -            | 93            | 37                 | 56                 | 11                  | 45            |
| Dixie                        | 106                | -                                  | 86                        | 22           | 21            | 21                 | -                  | -                   | -             |
| Duval                        | 8,062              | 7,351                              | 164                       | 408          | 2,750         | 1,399              | 1,351              | 29                  | 1,263         |
| Jacksonville                 | 7,088              | 6,631                              | 87                        | 277          | 2,381         | 1,131              | 1,250              | 29                  | 1,186         |
| Balance of county            | 974                | 760                                | 77                        | 131          | 369           | 268                | 101                | -                   | 77            |
| Escambia                     | 3,425              | 2,928                              | 266                       | 226          | 926           | 492                | 434                | 2                   | 341           |
| Pensacola                    | 2,309              | 2,068                              | 137                       | 102          | 597           | 285                | 302                | 1                   | 241           |
| Balance of county            | 1,116              | 860                                | 129                       | 124          | 329           | 207                | 122                | 1                   | 100           |
| Flagler                      | 46                 | 1                                  | 2                         | 45           | 25            | 25                 | -                  | -                   | -             |
| Franklin                     | 113                | 49                                 | 29                        | 35           | 44            | 41                 | 3                  | -                   | -             |
| Gadsden                      | 958                | 372                                | 46                        | 539          | 679           | 248                | 431                | 366                 | 43            |
| Gilchrist                    | 46                 | 19                                 | 18                        | 7            | 25            | 24                 | 1                  | -                   | -             |
| Glades                       | 32                 | -                                  | 23                        | 7            | 14            | 14                 | -                  | -                   | -             |
| Gulf                         | 269                | 216                                | 10                        | 40           | 76            | 46                 | 30                 | -                   | 29            |
| Hamilton                     | 207                | 1                                  | 146                       | 60           | 63            | 63                 | -                  | -                   | -             |
| Hardee                       | 213                | 172                                | 35                        | 5            | 102           | 66                 | 36                 | 3                   | 17            |
| Hendry                       | 114                | 76                                 | 5                         | 28           | 43            | 34                 | 9                  | -                   | 6             |
| Hernando                     | 223                | 179                                | 36                        | 8            | 50            | 34                 | 16                 | -                   | 16            |
| Highlands                    | 351                | 318                                | 5                         | 20           | 142           | 77                 | 65                 | -                   | 47            |
| Hillsborough                 | 5,879              | 5,438                              | 80                        | 358          | 2,343         | 1,047              | 1,296              | 9                   | 1,229         |
| Tampa                        | 4,100              | 3,815                              | 20                        | 283          | 1,567         | 687                | 880                | 9                   | 840           |
| Balance of county            | 1,779              | 1,623                              | 80                        | 95           | 776           | 360                | 413                | -                   | 389           |
| Holmes                       | 362                | 193                                | 128                       | 39           | 72            | 72                 | -                  | -                   | -             |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|-------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                   |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| FLORIDA—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Indian River      | 245                | 155                                | 38                        | 52      | 96     | 63                 | 33                 | -                   | 31    |
| Jackson           | 920                | 393                                | 172                       | 352     | 342    | 198                | 144                | -                   | 139   |
| Jefferson         | 279                | 6                                  | 96                        | 175     | 134    | 134                | -                  | -                   | -     |
| Lafayette         | 56                 | 1                                  | 43                        | 12      | 22     | 22                 | -                  | -                   | -     |
| Lake              | 803                | 624                                | 16                        | 161     | 383    | 206                | 178                | -                   | 166   |
| Lee               | 567                | 462                                | 10                        | 94      | 243    | 133                | 110                | 8                   | 100   |
| Fort Myers        | 547                | 462                                | 6                         | 78      | 198    | 89                 | 109                | 7                   | 100   |
| Balance of county | 20                 | -                                  | 4                         | 16      | 45     | 44                 | 1                  | 1                   | -     |
| Leon              | 1,165              | 746                                | 58                        | 361     | 313    | 180                | 133                | 1                   | 86    |
| Tallahassee       | 273                | 100                                | 19                        | 154     | 130    | 95                 | 35                 | -                   | 26    |
| Balance of county | 892                | 646                                | 39                        | 207     | 183    | 85                 | 98                 | 1                   | 60    |
| Levy              | 176                | 35                                 | 72                        | 67      | 112    | 106                | 6                  | -                   | 6     |
| Liberty           | 33                 | -                                  | 11                        | 20      | 26     | 26                 | -                  | -                   | -     |
| Madison           | 415                | 156                                | 29                        | 230     | 144    | 122                | 22                 | -                   | 22    |
| Manatee           | 711                | 518                                | 15                        | 177     | 316    | 171                | 145                | 7                   | 132   |
| Marion            | 948                | 587                                | 71                        | 288     | 411    | 268                | 143                | -                   | 135   |
| Martin            | 150                | 121                                | 8                         | 21      | 86     | 53                 | 33                 | -                   | 32    |
| Monroe            | 736                | 641                                | 6                         | 88      | 249    | 130                | 118                | 6                   | 112   |
| Key West          | 736                | 641                                | 6                         | 88      | 230    | 112                | 118                | 6                   | 112   |
| Balance of county | -                  | -                                  | -                         | -       | 18     | 18                 | -                  | -                   | -     |
| Nassau            | 294                | 175                                | 16                        | 103     | 116    | 74                 | 42                 | 1                   | 41    |
| Ocala             | 869                | 756                                | 62                        | 50      | 152    | 109                | 43                 | -                   | 35    |
| Okechobee         | 25                 | 1                                  | 7                         | 17      | 17     | 17                 | -                  | -                   | -     |
| Orange            | 2,505              | 2,010                              | 201                       | 293     | 1,132  | 525                | 607                | 25                  | 569   |
| Orlando           | 2,109              | 1,858                              | 117                       | 133     | 861    | 306                | 555                | 23                  | 521   |
| Balance of county | 396                | 152                                | 84                        | 160     | 271    | 219                | 52                 | 2                   | 47    |
| Osceola           | 253                | 196                                | 18                        | 31      | 185    | 109                | 76                 | 3                   | 71    |
| Palm Beach        | 2,185              | 1,851                              | 96                        | 237     | 1,108  | 559                | 549                | 53                  | 469   |
| West Palm Beach   | 1,410              | 1,339                              | 3                         | 68      | 659    | 225                | 434                | 41                  | 387   |
| Balance of county | 775                | 512                                | 93                        | 169     | 449    | 334                | 115                | 12                  | 82    |
| Pasco             | 346                | 216                                | 109                       | 21      | 201    | 159                | 42                 | 2                   | 35    |
| Pinellas          | 2,450              | 2,147                              | 85                        | 218     | 2,291  | 1,029              | 1,262              | 163                 | 1,035 |
| St. Petersburg    | 1,726              | 1,518                              | 33                        | 175     | 1,458  | 699                | 759                | 17                  | 719   |
| Clearwater        | 470                | 447                                | 3                         | 20      | 232    | 100                | 132                | -                   | 130   |
| Balance of county | 254                | 182                                | 49                        | 23      | 601    | 230                | 371                | 146                 | 186   |
| Polk              | 2,668              | 1,693                              | 606                       | 361     | 1,014  | 587                | 427                | 39                  | 373   |
| Lakeland          | 845                | 716                                | 30                        | 97      | 373    | 182                | 191                | 2                   | 178   |
| Balance of county | 1,823              | 975                                | 576                       | 264     | 641    | 405                | 236                | 36                  | 195   |
| Putnam            | 565                | 326                                | 115                       | 124     | 238    | 169                | 69                 | 5                   | 60    |
| St. Johns         | 605                | 532                                | 6                         | 67      | 315    | 157                | 158                | 3                   | 140   |
| St. Augustine     | 542                | 532                                | 2                         | 8       | 263    | 107                | 156                | 3                   | 140   |
| Balance of county | 63                 | -                                  | 4                         | 59      | 52     | 50                 | 2                  | -                   | -     |
| St. Lucie         | 547                | 416                                | 3                         | 128     | 169    | 111                | 58                 | -                   | 55    |
| Santa Rosa        | 246                | 1                                  | 210                       | 34      | 94     | 93                 | 1                  | -                   | 1     |
| Sarasota          | 475                | 443                                | 26                        | 6       | 295    | 155                | 140                | 4                   | 132   |
| Sarasota          | 464                | 443                                | 15                        | 6       | 248    | 109                | 140                | 4                   | 132   |
| Balance of county | 11                 | -                                  | 11                        | 47      | 47     | 47                 | -                  | -                   | -     |
| Seminole          | 843                | 418                                | 17                        | 207     | 233    | 137                | 96                 | 4                   | 90    |
| Sanford           | 527                | 416                                | 5                         | 105     | 158    | 69                 | 90                 | -                   | 88    |
| Balance of county | 116                | 2                                  | 12                        | 102     | 75     | 69                 | 6                  | 4                   | 2     |
| Sumter            | 179                | 26                                 | 85                        | 88      | 77     | 76                 | 1                  | -                   | 1     |
| Suwannee          | 369                | 75                                 | 188                       | 106     | 180    | 157                | 23                 | -                   | -     |
| Taylor            | 210                | 2                                  | 135                       | 72      | 90     | 90                 | -                  | -                   | -     |
| Union             | 59                 | 2                                  | 21                        | 35      | 53     | 22                 | 31                 | 31                  | -     |
| Volusia           | 1,466              | 1,222                              | 74                        | 169     | 877    | 494                | 383                | 3                   | 352   |
| Daytona Beach     | 681                | 603                                | 24                        | 54      | 492    | 238                | 254                | 3                   | 247   |
| Balance of county | 605                | 419                                | 50                        | 135     | 385    | 256                | 129                | -                   | 105   |
| Walcala           | 92                 | -                                  | 8                         | 83      | 35     | 35                 | -                  | -                   | -     |
| Walton            | 383                | 270                                | 39                        | 74      | 113    | 94                 | 19                 | -                   | 19    |
| Washington        | 179                | 45                                 | 58                        | 76      | 61     | 61                 | -                  | -                   | -     |
| GEORGIA           | 792,535            | 60,669                             | 11,249                    | 17,591  | 29,584 | 18,938             | 10,646             | 1,314               | 9,056 |
| Appling           | 261                | 14                                 | 189                       | 61      | 75     | 75                 | -                  | -                   | -     |
| Atkinson          | 91                 | -                                  | 56                        | 31      | 29     | 29                 | -                  | -                   | -     |
| Bacon             | 589                | 276                                | 85                        | 37      | 76     | 63                 | 13                 | -                   | 13    |
| Baker             | 170                | -                                  | 8                         | 111     | 23     | 23                 | -                  | -                   | -     |
| Calhoun           | 586                | 292                                | 30                        | 178     | 1,024  | 122                | 902                | 840                 | 62    |
| Banks             | 98                 | 1                                  | 82                        | 15      | 20     | 20                 | -                  | -                   | -     |
| Barrow            | 143                | 1                                  | 103                       | 36      | 89     | 89                 | -                  | -                   | -     |
| Bartow            | 746                | 613                                | 91                        | 31      | 204    | 169                | 35                 | 2                   | 33    |
| Ben Hill          | 428                | 281                                | 6                         | 140     | 143    | 91                 | 52                 | -                   | 29    |
| Berrien           | 248                | 96                                 | 107                       | 37      | 74     | 65                 | 9                  | -                   | 9     |
| Bibb              | 3,345              | 3,120                              | 31                        | 156     | 1,182  | 582                | 600                | 16                  | 570   |
| Macon             | 3,266              | 3,117                              | 26                        | 99      | 1,090  | 507                | 583                | 1                   | 570   |
| Balance of county | 79                 | 3                                  | 5                         | 57      | 92     | 75                 | 17                 | 15                  | -     |
| Blount            | 160                | 2                                  | 60                        | 98      | 60     | 60                 | -                  | -                   | -     |
| Brantley          | 117                | -                                  | 100                       | 16      | 39     | 39                 | -                  | -                   | -     |
| Brooks            | 634                | 289                                | 25                        | 307     | 196    | 138                | 60                 | -                   | 59    |
| Bryan             | 96                 | -                                  | 48                        | 26      | 37     | 37                 | -                  | -                   | -     |
| Bulloch           | 703                | 425                                | 89                        | 136     | 171    | 111                | 60                 | -                   | 80    |
| Burke             | 659                | 2                                  | 76                        | 558     | 178    | 177                | 1                  | -                   | 1     |
| Butts             | 157                | 10                                 | 85                        | 57      | 90     | 90                 | -                  | -                   | -     |
| Calhoun           | 295                | 84                                 | 10                        | 175     | 66     | 63                 | 3                  | -                   | 1     |
| Camden            | 141                | 23                                 | 10                        | 90      | 37     | 37                 | -                  | -                   | -     |
| Candler           | 258                | 134                                | 55                        | 64      | 56     | 30                 | 26                 | -                   | 26    |
| Carroll           | 966                | 625                                | 235                       | 91      | 254    | 195                | 59                 | 2                   | 57    |
| Catoosa           | 240                | 218                                | 18                        | 3       | 59     | 55                 | 4                  | -                   | 2     |
| Charlton          | 168                | 107                                | 6                         | 50      | 27     | 16                 | 11                 | -                   | 11    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                                    | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                       |       |
|---|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|-----------------------|-------|
|   | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                       |       |
|   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution   |       |
|   |                    |                                    |                           |         |        |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |       |
| <b>GEORGIA—Continued</b>                |                    |                                    |                           |         |        |                    |                    |                       |       |
| Chatham                                 | 3,948              | 3,089                              | 617                       | 121     | 1,661  | 807                | 854                | 28                    | 810   |
| Savannah                                | 3,778              | 3,087                              | 507                       | 80      | 1,458  | 636                | 822                | 27                    | 787   |
| Balance of county                       | 170                | 2                                  | 110                       | 41      | 203    | 171                | 32                 | 1                     | 23    |
| Chatahoochee                            | 1,075              | 1,040                              | 11                        | 22      | 74     | 18                 | 56                 | -                     | 56    |
| Chattooga                               | 570                | 475                                | 68                        | 18      | 130    | 63                 | 47                 | -                     | 47    |
| Cherokee                                | 457                | 270                                | 154                       | 9       | 144    | 100                | 44                 | -                     | 44    |
| Clarke                                  | 1,417              | 1,210                              | 55                        | 146     | 430    | 172                | 258                | -                     | 258   |
| Athens                                  | 1,347              | 1,209                              | 35                        | 102     | 369    | 131                | 238                | -                     | 238   |
| Balance of county                       | 70                 | 1                                  | 20                        | 44      | 41     | 41                 | -                  | -                     | -     |
| Clay                                    | 174                | 38                                 | 4                         | 123     | 66     | 57                 | 9                  | -                     | 4     |
| Clayton                                 | 130                | 2                                  | 58                        | 56      | 51     | 51                 | -                  | -                     | -     |
| Clinch                                  | 206                | 141                                | 7                         | 47      | 35     | 35                 | 9                  | -                     | 8     |
| Cobb                                    | 1,229              | 1,022                              | 154                       | 48      | 391    | 278                | 113                | 2                     | 99    |
| Coffee                                  | 755                | 490                                | 109                       | 155     | 203    | 134                | 69                 | -                     | 68    |
| Colquitt                                | 1,140              | 823                                | 60                        | 208     | 266    | 192                | 74                 | -                     | 73    |
| Moultrie                                | 946                | 823                                | 5                         | 90      | 152    | 78                 | 74                 | -                     | 73    |
| Balance of county                       | 194                | -                                  | 55                        | 118     | 114    | 114                | -                  | -                     | -     |
| Columbia                                | 151                | 1                                  | 16                        | 117     | 54     | 54                 | -                  | -                     | -     |
| Cook                                    | 278                | 88                                 | 143                       | 51      | 83     | 80                 | 3                  | -                     | -     |
| Covets                                  | 871                | 525                                | 125                       | 132     | 256    | 154                | 102                | -                     | 102   |
| Crawford                                | 135                | 1                                  | 17                        | 106     | 50     | 50                 | -                  | -                     | -     |
| Crisp                                   | 435                | 155                                | 30                        | 238     | 141    | 112                | 29                 | -                     | 29    |
| Dade                                    | 193                | 51                                 | 131                       | 4       | 26     | 25                 | 1                  | -                     | 1     |
| Dawson                                  | 51                 | 25                                 | 17                        | 6       | 20     | 20                 | -                  | -                     | -     |
| Decatur                                 | 729                | 452                                | 53                        | 180     | 231    | 171                | 60                 | -                     | 58    |
| De Kalb                                 | 2,073              | 1,823                              | 86                        | 145     | 988    | 439                | 549                | 4                     | 545   |
| Atlanta (part)                          | 16                 | -                                  | 7                         | 4       | 118    | 117                | 1                  | -                     | 1     |
| Decatur                                 | 41                 | 5                                  | 9                         | 24      | 96     | 94                 | 2                  | -                     | 2     |
| Balance of county                       | 2,016              | 1,818                              | 70                        | 117     | 774    | 228                | 546                | 4                     | 542   |
| Dodge                                   | 465                | 192                                | 108                       | 127     | 116    | 89                 | 27                 | -                     | 24    |
| Dooly                                   | 401                | 106                                | 99                        | 158     | 128    | 105                | 21                 | 12                    | 8     |
| Dougherty                               | 1,340              | 948                                | 143                       | 171     | 445    | 289                | 156                | -                     | 154   |
| Albany                                  | 1,226              | 948                                | 119                       | 113     | 400    | 244                | 156                | -                     | 154   |
| Balance of county                       | 114                | -                                  | 24                        | 58      | 45     | 45                 | -                  | -                     | -     |
| Douglas                                 | 236                | 139                                | 61                        | 34      | 59     | 49                 | 10                 | -                     | -     |
| Early                                   | 556                | 188                                | 9                         | 323     | 167    | 144                | 23                 | -                     | 21    |
| Echols                                  | 51                 | -                                  | 18                        | 32      | 23     | 23                 | -                  | -                     | -     |
| Etowah                                  | 231                | 102                                | 10                        | 108     | 105    | 94                 | 11                 | -                     | 10    |
| Elbert                                  | 498                | 293                                | 41                        | 152     | 184    | 142                | 42                 | -                     | 40    |
| Emmanuel                                | 461                | 210                                | 55                        | 187     | 157    | 132                | 25                 | -                     | 10    |
| Evans                                   | 142                | 15                                 | 61                        | 53      | 38     | 38                 | -                  | -                     | -     |
| Fannin                                  | 376                | 188                                | 158                       | 13      | 85     | 76                 | 9                  | -                     | 7     |
| Fayette                                 | 135                | -                                  | 34                        | 87      | 54     | 54                 | -                  | -                     | -     |
| Floyd                                   | 1,791              | 1,615                              | 63                        | 90      | 679    | 286                | 411                | 3                     | 408   |
| Rome                                    | 1,671              | 1,615                              | 5                         | 44      | 392    | 156                | 236                | -                     | 236   |
| Balance of county                       | 120                | -                                  | 58                        | 46      | 287    | 112                | 175                | 3                     | 172   |
| Forsyth                                 | 326                | 263                                | 50                        | 8       | 72     | 48                 | 24                 | 1                     | 23    |
| Franklin                                | 512                | 327                                | 142                       | 36      | 119    | 97                 | 21                 | -                     | 21    |
| Fulton                                  | 14,449             | 13,975                             | 375                       | 69      | 4,629  | 2,245              | 2,384              | 296                   | 2,034 |
| Atlanta (part) <sup>2</sup>             | 13,797             | 13,549                             | 209                       | 24      | 3,915  | 1,668              | 2,247              | 206                   | 2,010 |
| Atlanta (total) <sup>2</sup>            | 13,613             | 13,549                             | 216                       | 28      | 4,033  | 1,795              | 2,248              | 208                   | 2,011 |
| District 1511, Center Hill <sup>2</sup> | -                  | -                                  | -                         | -       | -      | -                  | -                  | -                     | -     |
| East Point                              | 8                  | -                                  | 5                         | 3       | 70     | 70                 | -                  | -                     | -     |
| Balance of county                       | 644                | 426                                | 161                       | 42      | 644    | 507                | 137                | 88                    | 24    |
| Gilmer                                  | 301                | 248                                | 13                        | 36      | 61     | 49                 | 12                 | -                     | 12    |
| Glascock                                | 53                 | -                                  | 27                        | 21      | 22     | 22                 | -                  | -                     | -     |
| Glynn                                   | 872                | 578                                | 62                        | 231     | 294    | 176                | 118                | -                     | 118   |
| Brunswick                               | 806                | 575                                | 50                        | 180     | 243    | 125                | 118                | -                     | 118   |
| Balance of county                       | 66                 | 3                                  | 12                        | 51      | 51     | 51                 | -                  | -                     | -     |
| Gordon                                  | 432                | 351                                | 68                        | 4       | 98     | 70                 | 28                 | -                     | 28    |
| Grady                                   | 491                | 196                                | 209                       | 69      | 131    | 111                | 20                 | -                     | 19    |
| Greene                                  | 281                | -                                  | 111                       | 122     | 110    | 110                | -                  | -                     | -     |
| Gwinnett                                | 652                | 370                                | 258                       | 12      | 140    | 134                | 6                  | -                     | 6     |
| Macon                                   | 484                | 396                                | 68                        | 6       | 107    | 94                 | 13                 | -                     | 6     |
| Hall                                    | 1,017              | 688                                | 232                       | 61      | 274    | 180                | 94                 | -                     | 94    |
| Gainesville                             | 697                | 566                                | 96                        | 23      | 157    | 80                 | 77                 | -                     | 77    |
| Balance of county                       | 320                | 122                                | 136                       | 38      | 117    | 100                | 17                 | -                     | 17    |
| Hancock                                 | 247                | -                                  | 24                        | 147     | 76     | 76                 | -                  | -                     | -     |
| Haralson                                | 282                | 166                                | 94                        | 19      | 86     | 60                 | 26                 | -                     | 17    |
| Harris                                  | 243                | 12                                 | 46                        | 137     | 78     | 77                 | 1                  | -                     | -     |
| Hart                                    | 127                | 5                                  | 59                        | 57      | 76     | 76                 | -                  | -                     | -     |
| Heard                                   | 104                | 21                                 | 56                        | 15      | 55     | 53                 | 2                  | -                     | -     |
| Henry                                   | 342                | 48                                 | 71                        | 182     | 115    | 113                | 2                  | -                     | -     |
| Houston                                 | 430                | 189                                | 126                       | 95      | 118    | 112                | 3                  | -                     | 1     |
| Irwin                                   | 412                | 248                                | 12                        | 135     | 93     | 68                 | 25                 | -                     | 24    |
| Jackson                                 | 597                | 321                                | 243                       | 27      | 95     | 79                 | 17                 | -                     | 17    |
| Jasper                                  | 178                | -                                  | 83                        | 84      | 74     | 74                 | -                  | -                     | -     |
| Jeff Davis                              | 268                | 91                                 | 111                       | 54      | 80     | 70                 | 10                 | -                     | 10    |
| Jefferson                               | 616                | 246                                | 33                        | 288     | 149    | 128                | 21                 | -                     | 20    |
| Jenkins                                 | 540                | 408                                | 5                         | 128     | 106    | 65                 | 41                 | -                     | 41    |
| Johnson                                 | 195                | -                                  | 93                        | 94      | 52     | 52                 | -                  | -                     | -     |
| Johns                                   | 149                | 1                                  | 33                        | 101     | 72     | 72                 | -                  | -                     | -     |
| Lamar                                   | 207                | -                                  | 71                        | 114     | 77     | 77                 | -                  | -                     | -     |
| Lanier                                  | 60                 | -                                  | 26                        | 32      | 12     | 12                 | -                  | -                     | -     |
| Laurens                                 | 1,131              | 658                                | 117                       | 313     | 406    | 223                | 185                | 1                     | 181   |
| Lee                                     | 181                | 1                                  | 11                        | 161     | 62     | 62                 | -                  | -                     | -     |
| Liberty                                 | 231                | 33                                 | 60                        | 119     | 74     | 73                 | 1                  | -                     | 1     |
| Lincoln                                 | 139                | 2                                  | 102                       | 24      | 27     | 27                 | -                  | -                     | -     |
| Long                                    | 103                | -                                  | 80                        | 22      | 27     | 27                 | -                  | -                     | -     |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|-------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                   |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| GEORGIA—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Lowndes           | 1,350              | 866                                | 56                        | 385     | 313    | 179                | 134                | -                   | 120   |
| Valdosta          | 899                | 642                                | 18                        | 222     | 222    | 112                | 110                | -                   | 110   |
| Balance of county | 451                | 224                                | 38                        | 163     | 91     | 67                 | 24                 | -                   | 10    |
| Lumpkin           | 140                | 90                                 | 7                         | 35      | 38     | 34                 | 4                  | -                   | 1     |
| McDuffie          | 153                | -                                  | 26                        | 120     | 75     | 75                 | -                  | -                   | -     |
| McIntosh          | 146                | -                                  | 5                         | 94      | 48     | 48                 | -                  | -                   | -     |
| Macon             | 495                | 161                                | 65                        | 249     | 168    | 126                | 42                 | -                   | 42    |
| Madison           | 136                | -                                  | 57                        | 66      | 67     | 65                 | 2                  | -                   | -     |
| Marion            | 162                | -                                  | 31                        | 129     | 59     | 59                 | -                  | -                   | -     |
| Meriwether        | 516                | 104                                | 177                       | 179     | 168    | 166                | 2                  | -                   | 1     |
| Miller            | 274                | 162                                | 8                         | 99      | 65     | 50                 | 15                 | -                   | 8     |
| Mitchell          | 715                | 323                                | 129                       | 254     | 185    | 147                | 38                 | -                   | 36    |
| Monroe            | 260                | 88                                 | -                         | 98      | 71     | 70                 | 1                  | -                   | 1     |
| Montgomery        | 136                | -                                  | 35                        | 75      | 49     | 49                 | -                  | -                   | -     |
| Morgan            | 341                | 96                                 | -                         | 178     | 109    | 96                 | 13                 | -                   | 13    |
| Murray            | 66                 | -                                  | 41                        | 58      | 64     | 64                 | -                  | -                   | -     |
| Muscogee          | 2,658              | 2,181                              | 137                       | 328     | 865    | 497                | 368                | 4                   | 364   |
| Columbus          | 2,452              | 2,179                              | 91                        | 174     | 715    | 363                | 350                | 18                  | 350   |
| Balance of county | 206                | 2                                  | 46                        | 154     | 152    | 134                | 18                 | 4                   | 14    |
| Newton            | 545                | 305                                | 61                        | 169     | 147    | 135                | 12                 | -                   | 12    |
| Oconee            | 91                 | -                                  | 50                        | 31      | 51     | 51                 | -                  | -                   | -     |
| Oglethorpe        | 169                | 1                                  | 29                        | 120     | 89     | 69                 | -                  | -                   | -     |
| Paulding          | 236                | 148                                | 76                        | 11      | 65     | 50                 | 15                 | -                   | 15    |
| Peach             | 368                | 166                                | 40                        | 145     | 99     | 95                 | 4                  | -                   | 2     |
| Pickens           | 296                | 260                                | 23                        | 2       | 76     | 39                 | 37                 | -                   | 37    |
| Pierce            | 152                | -                                  | 72                        | 71      | 58     | 58                 | -                  | -                   | -     |
| Pike              | 257                | 78                                 | 69                        | 67      | 67     | 60                 | 7                  | -                   | 7     |
| Folk              | 759                | 558                                | 127                       | 65      | 200    | 155                | 45                 | -                   | 43    |
| Fulaski           | 304                | 183                                | 11                        | 127     | 94     | 59                 | 35                 | -                   | 34    |
| Futnam            | 207                | 50                                 | 29                        | 115     | 70     | 59                 | 11                 | -                   | 7     |
| Quitman           | 79                 | -                                  | 4                         | 59      | 30     | 30                 | -                  | -                   | -     |
| Rabun             | 334                | 309                                | 4                         | 21      | 30     | 22                 | 8                  | -                   | 8     |
| Randolph          | 509                | 196                                | 26                        | 232     | 182    | 159                | 43                 | -                   | 43    |
| Richmond          | 3,177              | 3,067                              | 41                        | 66      | 1,284  | 611                | 643                | 54                  | 592   |
| Augusta           | 2,677              | 2,923                              | 33                        | 19      | 1,066  | 494                | 572                | 40                  | 527   |
| Balance of county | 300                | 244                                | 8                         | 47      | 188    | 117                | 71                 | 14                  | 55    |
| Rockdale          | 108                | -                                  | 54                        | 53      | 55     | 55                 | -                  | -                   | -     |
| Schley            | 96                 | 1                                  | 37                        | 52      | 34     | 34                 | -                  | -                   | -     |
| Screven           | 417                | 30                                 | 4                         | 285     | 97     | 3                  | -                  | -                   | 3     |
| Seminole          | 382                | 290                                | 4                         | 71      | 83     | 37                 | 46                 | -                   | 46    |
| Spalding          | 924                | 638                                | 82                        | 199     | 289    | 210                | 79                 | -                   | 79    |
| Griffin           | 804                | 638                                | 43                        | 125     | 208    | 129                | 79                 | -                   | 79    |
| Balance of county | 120                | -                                  | 41                        | 74      | 81     | 81                 | -                  | -                   | -     |
| Stephens          | 520                | 441                                | 22                        | 56      | 87     | 52                 | 35                 | -                   | 35    |
| Stewart           | 217                | -                                  | 7                         | 203     | 89     | 87                 | 2                  | -                   | 2     |
| Sumter            | 989                | 570                                | 44                        | 362     | 287    | 152                | 135                | -                   | 135   |
| Talbot            | 260                | 72                                 | 7                         | 165     | 94     | 75                 | 9                  | -                   | 9     |
| Taliaferro        | 96                 | 1                                  | 14                        | 73      | 44     | 44                 | -                  | -                   | -     |
| Tattnall          | 338                | 169                                | 113                       | 55      | 100    | 84                 | 36                 | 30                  | 6     |
| Taylor            | 223                | 100                                | 14                        | 96      | 62     | 46                 | 16                 | -                   | 16    |
| Telfair           | 350                | 129                                | 109                       | 89      | 85     | 78                 | 5                  | -                   | 5     |
| Terrell           | 389                | 31                                 | 64                        | 292     | 151    | 128                | 3                  | -                   | -     |
| Thomas            | 891                | 453                                | 62                        | 339     | 328    | 188                | 140                | 10                  | 122   |
| Thomasville       | 541                | 392                                | 12                        | 135     | 239    | 111                | 128                | 7                   | 119   |
| Balance of county | 340                | 61                                 | 50                        | 204     | 89     | 77                 | 12                 | 3                   | 3     |
| Tift              | 862                | 584                                | 78                        | 190     | 180    | 121                | 69                 | 3                   | 64    |
| Toombs            | 567                | 329                                | 135                       | 90      | 135    | 107                | 26                 | 5                   | 18    |
| Towns             | 83                 | 45                                 | 31                        | 4       | 21     | 20                 | 1                  | -                   | -     |
| Treuten           | 134                | -                                  | 67                        | 32      | 32     | 32                 | -                  | -                   | -     |
| Troup             | 1,695              | 1,239                              | 55                        | 362     | 481    | 303                | 168                | -                   | 167   |
| La Grange         | 979                | 791                                | 25                        | 147     | 263    | 135                | 128                | -                   | 128   |
| Balance of county | 716                | 448                                | 30                        | 215     | 228    | 168                | 60                 | -                   | 59    |
| Turner            | 75                 | -                                  | 58                        | 101     | 59     | 59                 | -                  | -                   | -     |
| Twiggs            | 186                | 1                                  | 10                        | 136     | 62     | 62                 | -                  | -                   | -     |
| Union             | 134                | 1                                  | 100                       | 27      | 34     | 34                 | -                  | -                   | -     |
| Upson             | 607                | 172                                | 286                       | 156     | 201    | 182                | 19                 | -                   | 16    |
| Walker            | 776                | 716                                | 46                        | 9       | 179    | 184                | 15                 | 1                   | 6     |
| Walton            | 496                | 375                                | 33                        | 78      | 162    | 128                | 34                 | -                   | 34    |
| Ware              | 1,031              | 736                                | 162                       | 98      | 362    | 197                | 165                | -                   | 165   |
| Waycross          | 908                | 735                                | 80                        | 69      | 304    | 139                | 165                | -                   | 165   |
| Balance of county | 123                | 1                                  | 82                        | 29      | 58     | 58                 | -                  | -                   | -     |
| Warren            | 194                | 1                                  | 29                        | 152     | 76     | 76                 | -                  | -                   | -     |
| Washington        | 652                | 251                                | 50                        | 337     | 231    | 178                | 53                 | -                   | 53    |
| Wayne             | 624                | 541                                | 31                        | 45      | 139    | 67                 | 72                 | -                   | 70    |
| Webster           | 104                | -                                  | 14                        | 82      | 35     | 35                 | -                  | -                   | -     |
| Wheeler           | 132                | 35                                 | 39                        | 52      | 29     | 27                 | 2                  | -                   | 1     |
| White             | 138                | 113                                | 8                         | 12      | 28     | 27                 | 1                  | -                   | -     |
| Whitfield         | 1,613              | 852                                | 40                        | 12      | 189    | 117                | 72                 | -                   | 72    |
| Dalton            | 987                | 951                                | 27                        | 6       | 135    | 65                 | 72                 | -                   | 72    |
| Balance of county | 26                 | 1                                  | 15                        | 6       | 54     | 54                 | -                  | -                   | -     |
| Wilcox            | 196                | 2                                  | 105                       | 66      | 73     | 73                 | -                  | -                   | -     |
| Wilkes            | 502                | 297                                | 46                        | 157     | 158    | 113                | 45                 | -                   | 44    |
| Wilkinson         | 192                | 61                                 | 16                        | 94      | 71     | 71                 | -                  | -                   | -     |
| Worth             | 409                | 1                                  | 110                       | 255     | 123    | 123                | -                  | -                   | -     |
| IDAHO             | 15,636             | 15,323                             | 274                       | 5       | 4,783  | 2,377              | 2,406              | 305                 | 1,977 |
| Ada               | 1,853              | 1,634                              | 9                         | 1       | 669    | 269                | 400                | 49                  | 350   |
| Boise City        | 1,843              | 1,634                              | 4                         | 1       | 466    | 174                | 292                | 3                   | 289   |
| Balance of county | 10                 | -                                  | 5                         | -       | 203    | 95                 | 108                | 46                  | 62    |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                             | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                     |               |
|----------------------------------|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|---------------------|---------------|
|                                  | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                     |               |
|                                  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution |               |
|                                  |                    |                                    |                           |           |               |                    | Resident           | Non-resident        |               |
| IDAHO—Continued                  |                    |                                    |                           |           |               |                    |                    |                     |               |
| Adams                            | 125                | 123                                | 2                         | -         | 34            | 7                  | 27                 | -                   | 15            |
| Bannock                          | 1,379              | 1,376                              | 3                         | -         | 322           | 131                | 191                | 7                   | 183           |
| Pocastello                       | 1,367              | 1,364                              | 3                         | -         | 267           | 84                 | 183                | -                   | 182           |
| Balance of county                | 12                 | 12                                 | -                         | -         | 55            | 47                 | 8                  | 7                   | 1             |
| Bear Lake                        | 158                | 152                                | 6                         | -         | 48            | 36                 | 12                 | -                   | 12            |
| Beneva                           | 116                | 105                                | 11                        | -         | 55            | 23                 | 32                 | -                   | 24            |
| Bingham                          | 419                | 407                                | 11                        | -         | 187           | 85                 | 102                | 73                  | 21            |
| Blaine                           | 128                | 126                                | 1                         | -         | 43            | 27                 | 16                 | -                   | 14            |
| Boise                            | 1                  | -                                  | -                         | 1         | 16            | 16                 | -                  | -                   | -             |
| Bonner                           | 285                | 289                                | 13                        | -         | 136           | 81                 | 55                 | -                   | 55            |
| Bonneville                       | 1,151              | 1,146                              | 5                         | -         | 274           | 100                | 174                | -                   | 171           |
| Idaho Falls                      | 1,150              | 1,145                              | 5                         | -         | 244           | 71                 | 173                | -                   | 170           |
| Balance of county                | 1                  | 1                                  | -                         | -         | 30            | 29                 | 1                  | -                   | 1             |
| Boundary                         | 132                | 129                                | 1                         | -         | 56            | 34                 | 22                 | 1                   | 20            |
| Butte                            | 15                 | 10                                 | 4                         | 1         | 11            | 11                 | -                  | -                   | -             |
| Camas                            | 7                  | -                                  | -                         | -         | 7             | 7                  | -                  | -                   | -             |
| Canyon                           | 1,505              | 1,484                              | 17                        | -         | 419           | 156                | 263                | 51                  | 198           |
| Nampa                            | 985                | 976                                | 9                         | -         | 213           | 51                 | 162                | 15                  | 144           |
| Balance of county                | 520                | 508                                | 8                         | -         | 206           | 105                | 101                | 36                  | 54            |
| Caribou                          | 217                | 217                                | -                         | -         | 34            | 14                 | 20                 | -                   | 20            |
| Cassia                           | 393                | 387                                | 6                         | -         | 117           | 71                 | 46                 | -                   | 58            |
| Clark                            | 4                  | 2                                  | 2                         | -         | 3             | 3                  | -                  | -                   | -             |
| Clearwater                       | 149                | 140                                | 8                         | 1         | 107           | 44                 | 63                 | 45                  | 18            |
| Custer                           | 28                 | 26                                 | 1                         | -         | 18            | 18                 | -                  | -                   | -             |
| Elmore                           | 33                 | 27                                 | 4                         | -         | 39            | 33                 | 6                  | -                   | 1             |
| Franklin                         | 290                | 245                                | 44                        | -         | 51            | 36                 | 15                 | -                   | 15            |
| Fremont                          | 263                | 259                                | 4                         | -         | 89            | 63                 | 26                 | -                   | 26            |
| Gen                              | 229                | 229                                | -                         | -         | 73            | 33                 | 40                 | -                   | 34            |
| Gooding                          | 716                | 710                                | 6                         | -         | 95            | 54                 | 41                 | -                   | 41            |
| Idaho                            | 371                | 340                                | 31                        | -         | 110           | 53                 | 57                 | -                   | 54            |
| Jefferson                        | 291                | 289                                | 2                         | -         | 56            | 49                 | 7                  | -                   | -             |
| Jerome                           | 4                  | -                                  | 4                         | -         | 55            | 55                 | -                  | -                   | -             |
| Kootenai                         | 536                | 524                                | 9                         | -         | 257           | 135                | 122                | 24                  | 79            |
| Coeur d'Alene                    | 440                | 434                                | 6                         | -         | 183           | 81                 | 102                | 23                  | 70            |
| Balance of county                | 96                 | 90                                 | 3                         | -         | 74            | 54                 | 20                 | 1                   | 9             |
| Latah                            | 561                | 549                                | 10                        | -         | 135           | 73                 | 62                 | -                   | 60            |
| Lemhi                            | 159                | 152                                | 6                         | -         | 58            | 40                 | 18                 | 10                  | -             |
| Lewis                            | 2                  | -                                  | 2                         | -         | 26            | 17                 | 9                  | 1                   | 6             |
| Lincoln                          | 4                  | -                                  | -                         | -         | 19            | 16                 | 3                  | -                   | 1             |
| Madison                          | 299                | 292                                | 6                         | -         | 51            | 33                 | 18                 | -                   | 18            |
| Minidoka                         | 330                | 327                                | 3                         | -         | 83            | 57                 | 26                 | 1                   | 24            |
| Mex Perce                        | 755                | 749                                | 4                         | 1         | 237           | 78                 | 159                | 11                  | 142           |
| Lewiston                         | 753                | 749                                | 4                         | -         | 203           | 53                 | 150                | 4                   | 142           |
| Balance of county                | 2                  | -                                  | -                         | 1         | 34            | 25                 | 9                  | 7                   | -             |
| Oneida                           | 113                | 112                                | 1                         | -         | 37            | 21                 | 16                 | -                   | 16            |
| Owyhee                           | 10                 | -                                  | 10                        | -         | 17            | 17                 | -                  | -                   | -             |
| Payette                          | 92                 | 89                                 | 3                         | -         | 70            | 48                 | 22                 | 3                   | 19            |
| Power                            | 160                | 158                                | 1                         | -         | 39            | 16                 | 23                 | -                   | 23            |
| Shoshone                         | 659                | 659                                | -                         | -         | 204           | 82                 | 122                | 25                  | 97            |
| Teton                            | 124                | 124                                | -                         | -         | 21            | 15                 | 6                  | -                   | 6             |
| Twin Falls                       | 1,284              | 1,274                              | 8                         | -         | 296           | 157                | 141                | 4                   | 134           |
| Balance of county                | 4                  | -                                  | 3                         | -         | 105           | 67                 | 126                | -                   | 123           |
| Valley                           | 74                 | 72                                 | 2                         | -         | 30            | 19                 | 11                 | 4                   | 11            |
| Washington                       | 214                | 206                                | 7                         | -         | 79            | 46                 | 33                 | -                   | 33            |
| Yellowstone National Park (part) | -                  | -                                  | -                         | -         | -             | -                  | -                  | -                   | -             |
| <b>IDAHO</b>                     | <b>181,234</b>     | <b>171,288</b>                     | <b>9,891</b>              | <b>94</b> | <b>89,908</b> | <b>41,375</b>      | <b>47,933</b>      | <b>6,438</b>        | <b>40,756</b> |
| ILLINOIS                         |                    |                                    |                           |           |               |                    |                    |                     |               |
| Adams                            | 1,650              | 1,621                              | 28                        | -         | 835           | 357                | 478                | 60                  | 401           |
| Quincy                           | 1,622              | 1,621                              | 1                         | -         | 659           | 227                | 432                | 23                  | 396           |
| Balance of county                | 28                 | -                                  | 27                        | -         | 176           | 130                | 46                 | 37                  | 5             |
| Alexander                        | 751                | 611                                | 87                        | 1         | 350           | 167                | 183                | -                   | 183           |
| Carro                            | 689                | 610                                | 51                        | 1         | 291           | 108                | 183                | -                   | 183           |
| Balance of county                | 62                 | 1                                  | 56                        | -         | 59            | 59                 | -                  | -                   | -             |
| Bond                             | 25                 | 1                                  | 20                        | 1         | 89            | 83                 | 6                  | -                   | -             |
| Boone                            | 448                | 445                                | 3                         | -         | 214           | 74                 | 140                | 2                   | 125           |
| Brown                            | 40                 | -                                  | 40                        | -         | 66            | 61                 | 5                  | -                   | 3             |
| Bureau                           | 822                | 813                                | 9                         | -         | 414           | 185                | 229                | 5                   | 218           |
| Calhoun                          | 83                 | 1                                  | 82                        | -         | 50            | 50                 | -                  | -                   | -             |
| Carroll                          | 320                | 300                                | 20                        | -         | 211           | 156                | 55                 | 6                   | 47            |
| Cass                             | 390                | 360                                | 30                        | -         | 172           | 76                 | 94                 | 14                  | 77            |
| Champaign                        | 2,563              | 2,538                              | 25                        | -         | 771           | 283                | 488                | 4                   | 457           |
| Champaign                        | 945                | 941                                | 4                         | -         | 333           | 103                | 230                | -                   | 206           |
| Urbana                           | 1,545              | 1,541                              | 4                         | -         | 197           | 45                 | 152                | 2                   | 148           |
| Balance of county                | 73                 | 56                                 | 17                        | -         | 241           | 135                | 106                | 2                   | 103           |
| Christian                        | 840                | 816                                | 23                        | -         | 377           | 174                | 203                | -                   | 181           |
| Clark                            | 67                 | 1                                  | 66                        | -         | 160           | 157                | 3                  | 2                   | -             |
| Clay                             | 143                | -                                  | 143                       | -         | 99            | 99                 | -                  | -                   | -             |
| Clinton                          | 407                | 378                                | 29                        | -         | 184           | 123                | 61                 | 6                   | 55            |
| Centralia (part)                 | -                  | -                                  | -                         | -         | 3             | 3                  | -                  | -                   | -             |
| Balance of county                | 407                | 378                                | 29                        | -         | 181           | 120                | 61                 | 6                   | 55            |
| Coles                            | 996                | 923                                | 72                        | -         | 418           | 238                | 180                | 23                  | 152           |
| Mattoon                          | 852                | 637                                | 15                        | -         | 187           | 95                 | 92                 | 20                  | 72            |
| Balance of county                | 344                | 286                                | 57                        | -         | 231           | 143                | 88                 | 3                   | 80            |
| Cook                             | 84,379             | 80,259                             | 4,013                     | 58        | 46,641        | 21,254             | 25,407             | 2,105               | 23,124        |
| Chicago                          | 77,454             | 73,499                             | 3,841                     | 55        | 37,878        | 17,749             | 20,129             | 666                 | 19,362        |
| Berwyn                           | 1,775              | 1,774                              | 1                         | -         | 521           | 282                | 239                | -                   | 239           |
| Cicero                           | 17                 | 1                                  | 15                        | -         | 335           | 335                | -                  | -                   | -             |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                   | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                        | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                        |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                        |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| ILLINOIS—Continued     |                    |                                    |                           |         |        |                    |                    |                     |       |
| Cook—Continued         |                    |                                    |                           |         |        |                    |                    |                     |       |
| Elgin (part)-----      | -                  | -                                  | -                         | -       | 3      | 3                  | -                  | -                   | -     |
| Evaston-----           | 3,805              | 3,803                              | 2                         | -       | 982    | 273                | 709                | 37                  | 688   |
| Maywood-----           | 5                  | -                                  | 5                         | -       | 132    | 110                | 22                 | 20                  | -     |
| Oak Park-----          | 4,478              | 4,478                              | -                         | -       | 915    | 354                | 561                | -                   | 561   |
| Blue Island-----       | 953                | 951                                | 1                         | -       | 247    | 102                | 145                | -                   | 145   |
| Brookfield-----        | 1                  | 1                                  | -                         | -       | 60     | 51                 | 9                  | 9                   | -     |
| Calumet City-----      | 3                  | -                                  | 2                         | 1       | 75     | 75                 | -                  | -                   | -     |
| Chicago Heights-----   | 1,053              | 1,002                              | 51                        | -       | 283    | 100                | 183                | -                   | 183   |
| Elmwood Park-----      | 1                  | 1                                  | 1                         | -       | 55     | 55                 | -                  | -                   | -     |
| Forest Park-----       | 2                  | -                                  | -                         | -       | 105    | 76                 | 29                 | 29                  | -     |
| Harvey-----            | 1,005              | 1,002                              | 3                         | -       | 187    | 71                 | 116                | -                   | 115   |
| La Grange-----         | 1                  | -                                  | 1                         | -       | 55     | 53                 | 2                  | -                   | -     |
| Melrose Park-----      | 603                | 598                                | 5                         | -       | 141    | 47                 | 94                 | -                   | 94    |
| Park Ridge-----        | 1                  | -                                  | 1                         | -       | 66     | 64                 | 2                  | -                   | 2     |
| Wilmette-----          | -                  | -                                  | -                         | -       | 122    | 77                 | 45                 | 12                  | 23    |
| Winnetka-----          | 2                  | -                                  | -                         | -       | 53     | 50                 | 3                  | -                   | 3     |
| Balance of county----- | 3,240              | 3,150                              | 82                        | 2       | 4,426  | 1,307              | 3,119              | 1,332               | 1,729 |
| Crawford-----          | 426                | 327                                | 92                        | -       | 255    | 149                | 106                | 10                  | 95    |
| Cumberland-----        | 46                 | -                                  | 43                        | -       | 93     | 93                 | -                  | -                   | -     |
| De Kalb-----           | 1,100              | 1,091                              | 8                         | -       | 437    | 213                | 224                | 6                   | 215   |
| De Witt-----           | 235                | 213                                | 21                        | -       | 164    | 79                 | 85                 | 2                   | 82    |
| Douglas-----           | 375                | 343                                | 32                        | -       | 170    | 105                | 65                 | -                   | 63    |
| Du Page-----           | 1,996              | 1,969                              | 27                        | -       | 1,084  | 539                | 485                | 26                  | 431   |
| Elmhurst-----          | 1,486              | 1,484                              | 2                         | -       | 286    | 54                 | 232                | -                   | 232   |
| Balance of county----- | 510                | 485                                | 25                        | -       | 738    | 485                | 253                | 26                  | 199   |
| Edgar-----             | 460                | 430                                | 27                        | -       | 265    | 174                | 91                 | 2                   | 87    |
| Edwards-----           | 59                 | -                                  | 56                        | -       | 73     | 73                 | -                  | -                   | -     |
| Effingham-----         | 931                | 879                                | 51                        | -       | 288    | 106                | 182                | -                   | 182   |
| Fayette-----           | 698                | 602                                | 92                        | -       | 235    | 151                | 84                 | 24                  | 50    |
| Ford-----              | 266                | 258                                | 8                         | -       | 136    | 100                | 36                 | 3                   | 28    |
| Franklin-----          | 697                | 435                                | 259                       | -       | 457    | 350                | 107                | 4                   | 92    |
| West Frankfort-----    | 46                 | 13                                 | 31                        | -       | 130    | 84                 | 46                 | 1                   | 42    |
| Balance of county----- | 651                | 420                                | 228                       | -       | 327    | 266                | 61                 | 3                   | 50    |
| Fulton-----            | 797                | 757                                | 39                        | -       | 432    | 235                | 217                | 1                   | 211   |
| Canton-----            | 760                | 757                                | 2                         | -       | 271    | 63                 | 208                | -                   | 207   |
| Balance of county----- | 37                 | -                                  | 37                        | -       | 161    | 172                | 9                  | 1                   | 4     |
| Gallatin-----          | 129                | 82                                 | 45                        | 1       | 77     | 69                 | 8                  | -                   | 8     |
| Greene-----            | 486                | 434                                | 52                        | -       | 165    | 117                | 48                 | -                   | 46    |
| Grundy-----            | 307                | 293                                | 14                        | -       | 153    | 90                 | 63                 | 16                  | 47    |
| Hamilton-----          | 238                | 185                                | 43                        | -       | 133    | 89                 | 24                 | -                   | 17    |
| Hancock-----           | 192                | 183                                | 27                        | -       | 207    | 187                | 20                 | 1                   | 16    |
| Hardin-----            | 123                | 48                                 | 72                        | -       | 67     | 57                 | 10                 | -                   | 10    |
| Henderson-----         | 19                 | -                                  | 18                        | -       | 44     | 44                 | -                  | -                   | -     |
| Henry-----             | 1,019              | 1,007                              | 12                        | -       | 511    | 234                | 277                | 21                  | 255   |
| Kewanee-----           | 745                | 736                                | 9                         | -       | 281    | 80                 | 201                | -                   | 201   |
| Balance of county----- | 274                | 271                                | 3                         | -       | 230    | 154                | 76                 | 21                  | 54    |
| Iroquois-----          | 552                | 519                                | 31                        | -       | 266    | 185                | 81                 | 1                   | 75    |
| Jackson-----           | 1,051              | 983                                | 66                        | -       | 418    | 262                | 154                | 2                   | 137   |
| Jasper-----            | 43                 | -                                  | 43                        | -       | 77     | 77                 | -                  | -                   | -     |
| Jefferson-----         | 939                | 785                                | 150                       | -       | 365    | 195                | 170                | 3                   | 161   |
| Mount Vernon-----      | 824                | 782                                | 41                        | -       | 283    | 99                 | 165                | 3                   | 161   |
| Balance of county----- | 115                | 3                                  | 109                       | -       | 102    | 97                 | 5                  | -                   | -     |
| Jersey-----            | 77                 | -                                  | 77                        | -       | 103    | 89                 | 14                 | 1                   | 5     |
| Jo Daviess-----        | 51                 | -                                  | 51                        | -       | 191    | 171                | 20                 | -                   | 15    |
| Johnson-----           | 114                | 2                                  | 111                       | -       | 86     | 86                 | -                  | -                   | -     |
| Kane-----              | 4,588              | 4,578                              | 10                        | -       | 2,210  | 624                | 1,586              | 530                 | 1,047 |
| Aurora-----            | 2,280              | 2,276                              | 4                         | -       | 698    | 240                | 458                | 3                   | 453   |
| Elgin (part)-----      | 1,608              | 1,605                              | 1                         | -       | 1,107  | 165                | 942                | 502                 | 433   |
| Elgin (total)-----     | 1,608              | 1,605                              | 1                         | -       | 1,110  | 168                | 942                | 502                 | 433   |
| Balance of county----- | 702                | 697                                | 5                         | -       | 405    | 219                | 186                | 25                  | 161   |
| Kankakee-----          | 1,517              | 1,436                              | 77                        | -       | 1,478  | 274                | 1,204              | 376                 | 205   |
| Kankakee-----          | 1,455              | 1,428                              | 28                        | -       | 355    | 129                | 226                | 5                   | 205   |
| Balance of county----- | 62                 | 10                                 | 49                        | -       | 1,123  | 145                | 978                | 971                 | -     |
| Kendall-----           | 4                  | -                                  | 4                         | -       | 89     | 81                 | 8                  | -                   | -     |
| Knox-----              | 1,268              | 1,253                              | 14                        | -       | 568    | 259                | 309                | 30                  | 273   |
| Galesburg-----         | 1,259              | 1,253                              | 5                         | -       | 436    | 159                | 277                | 1                   | 273   |
| Balance of county----- | 9                  | -                                  | 9                         | -       | 132    | 100                | 32                 | 29                  | -     |
| Lake-----              | 4,018              | 3,956                              | 25                        | 1       | 1,409  | 531                | 878                | 129                 | 751   |
| Waukegan-----          | 960                | 856                                | 1                         | -       | 262    | 112                | 150                | -                   | 149   |
| Highland Park-----     | 352                | 349                                | 3                         | -       | 143    | 65                 | 78                 | 6                   | 72    |
| Balance of county----- | 2,706              | 2,651                              | 21                        | 1       | 1,004  | 354                | 650                | 123                 | 510   |
| La Salle-----          | 2,350              | 2,334                              | 15                        | -       | 1,077  | 482                | 595                | 32                  | 555   |
| La Salle-----          | 455                | 455                                | -                         | -       | 162    | 38                 | 124                | -                   | 124   |
| Ottawa-----            | 686                | 685                                | 1                         | -       | 210    | 80                 | 130                | 13                  | 115   |
| Streator-----          | 839                | 837                                | 2                         | -       | 241    | 65                 | 176                | -                   | 171   |
| Balance of county----- | 370                | 357                                | 12                        | -       | 464    | 299                | 165                | 19                  | 144   |
| Lawrence-----          | 115                | -                                  | 110                       | 2       | 151    | 136                | 15                 | 11                  | 126   |
| Lee-----               | 730                | 706                                | 24                        | -       | 509    | 195                | 314                | 168                 | 105   |
| Dixon-----             | 590                | 590                                | -                         | -       | 178    | 73                 | 105                | -                   | 21    |
| Balance of county----- | 140                | 116                                | 24                        | -       | 331    | 122                | 209                | 168                 | 105   |
| Livingston-----        | 722                | 708                                | 13                        | -       | 459    | 235                | 224                | 23                  | 198   |
| Logan-----             | 556                | 548                                | 18                        | -       | 411    | 112                | 299                | 129                 | 167   |
| Lincoln-----           | 550                | 548                                | 2                         | -       | 300    | 42                 | 258                | 91                  | 167   |
| Balance of county----- | 16                 | -                                  | 16                        | -       | 111    | 70                 | 41                 | 38                  | -     |
| McDonough-----         | 680                | 633                                | 46                        | -       | 335    | 150                | 185                | 1                   | 179   |
| McHenry-----           | 732                | 720                                | 11                        | -       | 399    | 270                | 129                | 13                  | 113   |
| McLean-----            | 1,913              | 1,390                              | 23                        | -       | 866    | 334                | 532                | 2                   | 530   |
| Bloomington-----       | 1,712              | 1,711                              | 1                         | -       | 571    | 167                | 404                | -                   | 404   |
| Balance of county----- | 201                | 179                                | 22                        | -       | 295    | 167                | 128                | 2                   | 126   |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas.)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                       |        |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|-----------------------|--------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                       |        |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution   |        |
|                    |                    |                                    |                           |         |        |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |        |
| ILLINOIS—Continued |                    |                                    |                           |         |        |                    |                    |                       |        |
| Macon              | 2,645              | 2,630                              | 14                        | -       | 1,013  | 357                | 656                | 20                    | 620    |
| Decatur            | 2,636              | 2,630                              | 6                         | -       | 873    | 238                | 635                | -                     | 619    |
| Balance of county  | 9                  | -                                  | 6                         | -       | 140    | 119                | 21                 | 20                    | 1      |
| Macoupin           | 278                | 221                                | 56                        | -       | 398    | 313                | 75                 | 30                    | 42     |
| Madison            | 3,951              | 3,708                              | 238                       | 1       | 1,701  | 680                | 1,021              | 259                   | 749    |
| Alton              | 2,171              | 2,105                              | 65                        | -       | 597    | 146                | 441                | 5                     | 435    |
| Granite City       | 996                | 993                                | 3                         | -       | 249    | 84                 | 165                | -                     | 165    |
| Balance of county  | 784                | 610                                | 170                       | 1       | 865    | 450                | 415                | 253                   | 149    |
| Merion             | 1,168              | 1,120                              | 47                        | -       | 440    | 259                | 181                | 5                     | 189    |
| Centralia (part)   | 730                | 714                                | 16                        | -       | 208    | 85                 | 124                | -                     | 121    |
| Centralia (total)  | 730                | 714                                | 16                        | -       | 212    | 88                 | 124                | -                     | 121    |
| Balance of county  | 438                | 406                                | 31                        | -       | 231    | 174                | 57                 | 5                     | 48     |
| Marshall           | 13                 | -                                  | 13                        | -       | 69     | 4                  | -                  | -                     | 4      |
| Mason              | 39                 | -                                  | 39                        | -       | 96     | 98                 | -                  | -                     | 28     |
| Massac             | 221                | 93                                 | 124                       | 2       | 172    | 142                | 30                 | 2                     | 3      |
| Menard             | 35                 | -                                  | 35                        | -       | 53     | 45                 | 8                  | -                     | 5      |
| Mercer             | 28                 | -                                  | 28                        | -       | 103    | 98                 | 5                  | -                     | -      |
| Monroe             | 9                  | -                                  | 9                         | -       | 89     | 86                 | 3                  | -                     | 2      |
| Montgomery         | 960                | 953                                | 27                        | -       | 472    | 184                | 288                | -                     | 288    |
| Morgan             | 823                | 777                                | 46                        | -       | 754    | 179                | 575                | 297                   | 277    |
| Jacksonville       | 780                | 777                                | 3                         | -       | 641    | 86                 | 555                | 297                   | 257    |
| Balance of county  | 43                 | -                                  | 43                        | -       | 113    | 93                 | 20                 | -                     | 20     |
| Moultrie           | 32                 | -                                  | 32                        | -       | 129    | 97                 | 32                 | 32                    | -      |
| Ogle               | 381                | 347                                | 33                        | -       | 265    | 175                | 80                 | 5                     | 85     |
| Peoria             | 4,865              | 4,791                              | 71                        | -       | 2,063  | 699                | 1,364              | 564                   | 970    |
| Peoria             | 4,762              | 4,760                              | 20                        | -       | 1,439  | 450                | 989                | 19                    | 944    |
| Balance of county  | 83                 | 31                                 | 51                        | -       | 624    | 249                | 375                | 345                   | 26     |
| Perry              | 512                | 449                                | 57                        | 3       | 212    | 147                | 65                 | -                     | 63     |
| Piatt              | 199                | 195                                | 4                         | -       | 120    | 80                 | 40                 | 4                     | 36     |
| Pike               | 394                | 366                                | 28                        | -       | 231    | 171                | 60                 | 4                     | 55     |
| Pope               | 60                 | -                                  | 58                        | 1       | 57     | 57                 | -                  | -                     | -      |
| Pulaski            | 137                | -                                  | 113                       | 7       | 148    | 149                | -                  | -                     | -      |
| Putnam             | 2                  | -                                  | 2                         | -       | 24     | 24                 | -                  | -                     | -      |
| Randolph           | 697                | 618                                | 77                        | -       | 325    | 169                | 156                | 38                    | 115    |
| Richland           | 683                | 620                                | 33                        | -       | 295    | 113                | 182                | -                     | 175    |
| Rock Island        | 3,278              | 3,263                              | 15                        | -       | 1,460  | 498                | 962                | 295                   | 668    |
| Moline             | 2,239              | 2,239                              | 1                         | -       | 540    | 155                | 385                | -                     | 385    |
| Rock Island        | 977                | 969                                | 8                         | -       | 436    | 161                | 255                | -                     | 251    |
| East Moline        | 2                  | -                                  | 2                         | -       | 336    | 64                 | 272                | 272                   | -      |
| Balance of county  | 60                 | 56                                 | 4                         | -       | 148    | 98                 | 50                 | 23                    | 22     |
| St. Clair          | 4,189              | 3,944                              | 234                       | 6       | 1,948  | 976                | 972                | 16                    | 939    |
| Belleville         | 1,230              | 1,226                              | 4                         | -       | 491    | 155                | 336                | 9                     | 324    |
| East St. Louis     | 2,420              | 2,253                              | 161                       | 3       | 983    | 453                | 530                | 7                     | 509    |
| Balance of county  | 539                | 465                                | 69                        | 3       | 474    | 368                | 106                | -                     | 108    |
| Saline             | 979                | 884                                | 93                        | -       | 425    | 268                | 157                | -                     | 156    |
| Harrisburg         | 485                | 471                                | 13                        | -       | 171    | 96                 | 75                 | -                     | 75     |
| Balance of county  | 494                | 413                                | 80                        | -       | 254    | 172                | 82                 | -                     | 81     |
| Sangamon           | 3,359              | 3,288                              | 63                        | 4       | 1,598  | 471                | 1,128              | 34                    | 1,070  |
| Springfield        | 3,291              | 3,283                              | 4                         | 3       | 1,359  | 270                | 1,089              | 27                    | 1,039  |
| Balance of county  | 68                 | 5                                  | 59                        | 1       | 240    | 201                | 39                 | 7                     | 31     |
| Schuyler           | 108                | 86                                 | 20                        | -       | 88     | 62                 | 24                 | -                     | 24     |
| Scott              | 21                 | -                                  | 21                        | -       | 51     | 51                 | -                  | -                     | -      |
| Shelby             | 358                | 273                                | 84                        | -       | 228    | 180                | 48                 | 4                     | 40     |
| Stark              | 4                  | -                                  | 4                         | -       | 35     | 35                 | -                  | -                     | -      |
| Stephenson         | 1,212              | 1,192                              | 20                        | -       | 527    | 207                | 320                | 18                    | 302    |
| Freeport           | 1,188              | 1,183                              | 5                         | -       | 425    | 114                | 311                | 13                    | 298    |
| Balance of county  | 24                 | 9                                  | 15                        | -       | 102    | 93                 | 9                  | 5                     | 4      |
| Tazewell           | 1,001              | 965                                | 36                        | -       | 428    | 277                | 151                | -                     | 150    |
| Felton             | 699                | 697                                | 2                         | -       | 207    | 79                 | 128                | -                     | 128    |
| Balance of county  | 302                | 263                                | 39                        | -       | 221    | 198                | 23                 | -                     | 22     |
| Union              | 458                | 377                                | 54                        | 1       | 457    | 134                | 323                | 293                   | 30     |
| Vermilion          | 2,103              | 2,025                              | 73                        | -       | 1,059  | 477                | 582                | 179                   | 394    |
| Danville           | 2,054              | 2,025                              | 26                        | -       | 624    | 223                | 401                | -                     | 394    |
| Balance of county  | 49                 | -                                  | 47                        | -       | 435    | 254                | 181                | 179                   | -      |
| Wabash             | 138                | 45                                 | 93                        | -       | 155    | 120                | 35                 | -                     | 1      |
| Warren             | 596                | 577                                | 9                         | -       | 229    | 97                 | 134                | -                     | 135    |
| Washington         | 44                 | 2                                  | 42                        | -       | 97     | 97                 | -                  | -                     | -      |
| Wayne              | 224                | 18                                 | 204                       | -       | 131    | 131                | -                  | -                     | -      |
| White              | 225                | 8                                  | 217                       | -       | 167    | 143                | 24                 | 21                    | -      |
| Whiteoak           | 1,181              | 1,089                              | 92                        | -       | 411    | 246                | 165                | 17                    | 158    |
| Sterling           | 771                | 755                                | 16                        | -       | 199    | 86                 | 113                | -                     | 108    |
| Balance of county  | 410                | 334                                | 76                        | -       | 212    | 160                | 52                 | 17                    | 30     |
| Will               | 2,733              | 2,678                              | 54                        | 1       | 1,274  | 578                | 696                | 45                    | 639    |
| Joliet             | 2,668              | 2,678                              | 10                        | -       | 881    | 250                | 631                | -                     | 621    |
| Balance of county  | 45                 | 44                                 | 1                         | -       | 393    | 328                | 65                 | 45                    | 18     |
| Williamson         | 985                | 727                                | 255                       | -       | 625    | 366                | 259                | -                     | 255    |
| Winnago            | 3,487              | 3,434                              | 48                        | 4       | 1,252  | 556                | 716                | 28                    | 675    |
| Rockford           | 3,435              | 3,416                              | 15                        | 3       | 943    | 357                | 586                | 5                     | 576    |
| Balance of county  | 52                 | 18                                 | 33                        | 1       | 309    | 179                | 130                | 23                    | 99     |
| Woodford           | 29                 | 1                                  | 28                        | -       | 141    | 118                | 23                 | 5                     | 6      |
| INDIANA            | 92,944             | 84,454                             | 8,071                     | 47      | 39,372 | 22,604             | 16,768             | 2,184                 | 14,063 |
| Adams              | 699                | 806                                | 93                        | -       | 215    | 143                | 72                 | 3                     | 67     |
| Allen              | 4,896              | 4,780                              | 110                       | -       | 1,830  | 796                | 1,034              | 128                   | 898    |
| Fort Wayne         | 4,806              | 4,780                              | 22                        | -       | 1,532  | 606                | 926                | 61                    | 857    |
| Balance of county  | 90                 | -                                  | 88                        | -       | 298    | 180                | 108                | 67                    | 41     |
| Bartholomew        | 874                | 837                                | 56                        | -       | 322    | 175                | 147                | 6                     | 127    |
| Columbus           | 841                | 837                                | 4                         | -       | 182    | 66                 | 126                | 1                     | 123    |
| Balance of county  | 33                 | -                                  | 32                        | -       | 130    | 109                | 21                 | 7                     | 4      |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           | DEATHS  |       |                    |                    |                     |       |
|-------------------|--------------------|------------------------------------|---------------------------|---------|-------|--------------------|--------------------|---------------------|-------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         | Total | Not in institution | In institution     |                     |       |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |       |                    | Total <sup>3</sup> | Type of institution |       |
|                   |                    |                                    |                           |         |       |                    | Resident           | Non-resident        |       |
| INDIANA—Continued |                    |                                    |                           |         |       |                    |                    |                     |       |
| Benton            | 28                 | -                                  | 28                        | -       | 57    | 56                 | 1                  | 1                   | -     |
| Blackford         | 323                | 316                                | 5                         | -       | 127   | 81                 | 46                 | 1                   | 44    |
| Boone             | 680                | 669                                | 11                        | -       | 232   | 156                | 76                 | 3                   | 71    |
| Brown             | 35                 | -                                  | 17                        | 12      | 46    | 45                 | 1                  | 1                   | -     |
| Carroll           | 23                 | 4                                  | 19                        | -       | 119   | 107                | 12                 | 2                   | 2     |
| Cass              | 1,127              | 1,115                              | 12                        | -       | 663   | 225                | 438                | 192                 | 234   |
| Logansport        | 1,115              | 1,114                              | 1                         | -       | 379   | 129                | 250                | 10                  | 234   |
| Balance of county | 12                 | 1                                  | 11                        | -       | 284   | 96                 | 188                | 182                 | -     |
| Clark             | 873                | 761                                | 108                       | 1       | 338   | 244                | 94                 | 2                   | 92    |
| Jeffersonville    | 778                | 759                                | 19                        | -       | 184   | 90                 | 94                 | 2                   | 92    |
| Balance of county | 95                 | 2                                  | 80                        | 1       | 154   | 154                | -                  | -                   | -     |
| Clay              | 493                | 457                                | 35                        | -       | 278   | 203                | 75                 | 5                   | 70    |
| Clinton           | 648                | 629                                | 19                        | -       | 294   | 179                | 115                | 29                  | 76    |
| Frankfort         | 631                | 629                                | 2                         | -       | 186   | 84                 | 102                | 25                  | 76    |
| Balance of county | 17                 | -                                  | 17                        | -       | 108   | 95                 | 13                 | 4                   | -     |
| Crawford          | 145                | 1                                  | 142                       | 1       | 110   | 110                | -                  | -                   | -     |
| Daviess           | 855                | 756                                | 80                        | -       | 513   | 187                | 146                | 1                   | 142   |
| Dearborn          | 100                | -                                  | 98                        | -       | 184   | 161                | 5                  | 2                   | 1     |
| Decatur           | 432                | 391                                | 41                        | -       | 206   | 114                | 92                 | 29                  | 63    |
| De Kalb           | 686                | 667                                | 19                        | -       | 301   | 175                | 126                | 6                   | 81    |
| Delaware          | 2,361              | 2,321                              | 39                        | -       | 766   | 413                | 373                | 25                  | 346   |
| Muncie            | 2,346              | 2,321                              | 25                        | -       | 827   | 278                | 349                | 2                   | 346   |
| Balance of county | 15                 | -                                  | 14                        | -       | 159   | 155                | 24                 | 23                  | -     |
| Dubois            | 738                | 544                                | 194                       | -       | 163   | 135                | 48                 | 6                   | 41    |
| Elkhart           | 2,145              | 2,085                              | 48                        | 1       | 793   | 510                | 283                | 21                  | 250   |
| Elkhart           | 1,900              | 1,283                              | 6                         | -       | 395   | 208                | 187                | -                   | 185   |
| Goshen            | 805                | 802                                | 3                         | -       | 167   | 89                 | 78                 | 6                   | 65    |
| Balance of county | 40                 | -                                  | 39                        | 1       | 231   | 213                | 18                 | 15                  | -     |
| Fayette           | 558                | 545                                | 11                        | -       | 199   | 109                | 91                 | 1                   | 90    |
| Comersville       | 552                | 545                                | 5                         | -       | 167   | 76                 | 91                 | 1                   | 90    |
| Balance of county | 6                  | -                                  | 6                         | -       | 32    | 32                 | -                  | -                   | -     |
| Floyd             | 1,427              | 1,292                              | 134                       | -       | 516   | 301                | 215                | 12                  | 202   |
| New Albany        | 1,385              | 1,292                              | 92                        | -       | 404   | 220                | 184                | -                   | 185   |
| Balance of county | 42                 | -                                  | 42                        | -       | 112   | 81                 | 31                 | 12                  | 19    |
| Fountain          | 68                 | 2                                  | 65                        | -       | 122   | 120                | 2                  | 2                   | -     |
| Franklin          | 53                 | -                                  | 50                        | 1       | 136   | 104                | 32                 | 21                  | 3     |
| Fulton            | 384                | 349                                | 35                        | -       | 193   | 135                | 58                 | 6                   | 47    |
| Gibson            | 888                | 749                                | 135                       | -       | 334   | 242                | 92                 | 19                  | 70    |
| Grant             | 1,508              | 1,446                              | 62                        | -       | 669   | 390                | 279                | 68                  | 133   |
| Marion            | 1,482              | 1,446                              | 36                        | -       | 383   | 193                | 190                | 1                   | 185   |
| Balance of county | 26                 | -                                  | 26                        | -       | 286   | 137                | 89                 | 87                  | -     |
| Greene            | 542                | 480                                | 51                        | -       | 278   | 207                | 71                 | 6                   | 64    |
| Hamilton          | 462                | 441                                | 17                        | -       | 249   | 187                | 61                 | 1                   | 60    |
| Hancock           | 44                 | 2                                  | 40                        | -       | 164   | 156                | 8                  | 5                   | -     |
| Harrison          | 250                | 2                                  | 244                       | 4       | 134   | 134                | -                  | -                   | -     |
| Hendricks         | 43                 | 4                                  | 38                        | -       | 205   | 203                | 2                  | 1                   | -     |
| Henry             | 1,296              | 1,230                              | 66                        | -       | 484   | 235                | 249                | 61                  | 184   |
| New Castle        | 19                 | -                                  | 19                        | -       | 84    | 73                 | 11                 | -                   | 10    |
| Balance of county | 1,277              | 1,230                              | 47                        | -       | 400   | 162                | 238                | 61                  | 174   |
| Howard            | 1,433              | 1,386                              | 47                        | -       | 514   | 359                | 175                | 3                   | 165   |
| Kokomo            | 1,425              | 1,386                              | 37                        | -       | 421   | 249                | 172                | -                   | 165   |
| Balance of county | 10                 | -                                  | 10                        | -       | 95    | 90                 | 5                  | -                   | -     |
| Huntington        | 755                | 713                                | 42                        | -       | 374   | 267                | 107                | 27                  | 71    |
| Huntington        | 729                | 713                                | 16                        | -       | 211   | 136                | 75                 | 2                   | 71    |
| Balance of county | 26                 | -                                  | 26                        | -       | 163   | 131                | 32                 | 25                  | -     |
| Jackson           | 787                | 714                                | 82                        | 1       | 256   | 195                | 61                 | 1                   | 60    |
| Jasper            | 533                | 512                                | 41                        | -       | 165   | 92                 | 73                 | 1                   | 69    |
| Jay               | 455                | 436                                | 18                        | -       | 235   | 134                | 99                 | 8                   | 91    |
| Jefferson         | 573                | 477                                | 89                        | -       | 374   | 168                | 206                | 159                 | 46    |
| Jennings          | 108                | -                                  | 108                       | -       | 125   | 101                | 24                 | 23                  | -     |
| Johnson           | 502                | 452                                | 46                        | 5       | 299   | 175                | 124                | 62                  | 50    |
| Knox              | 1,128              | 1,073                              | 54                        | -       | 449   | 239                | 210                | 1                   | 206   |
| Vincennes         | 1,077              | 1,073                              | 4                         | -       | 295   | 99                 | 196                | -                   | 195   |
| Balance of county | 51                 | -                                  | 50                        | -       | 154   | 140                | 14                 | 1                   | 11    |
| Kosciusko         | 613                | 594                                | 19                        | -       | 341   | 213                | 128                | 22                  | 102   |
| Lagrange          | 93                 | 1                                  | 89                        | -       | 109   | 85                 | 24                 | -                   | 21    |
| Lake              | 9,557              | 9,098                              | 422                       | 14      | 2,949 | 1,425              | 1,524              | 62                  | 1,442 |
| Gary              | 4,812              | 4,505                              | 281                       | 2       | 1,278 | 549                | 724                | -                   | 714   |
| East Chicago      | 1,937              | 1,881                              | 55                        | 11      | 566   | 246                | 320                | -                   | 320   |
| Hammond           | 2,735              | 2,699                              | 32                        | 1       | 672   | 310                | 362                | 18                  | 355   |
| Whiting           | 1                  | -                                  | 1                         | -       | 50    | 50                 | -                  | -                   | -     |
| Balance of county | 52                 | 3                                  | 43                        | -       | 368   | 270                | 118                | 44                  | 73    |
| La Porte          | 2,194              | 2,180                              | 43                        | -       | 901   | 384                | 517                | 38                  | 477   |
| Michigan City     | 1,001              | 987                                | 14                        | -       | 391   | 147                | 244                | 26                  | 218   |
| La Porte          | 1,168              | 1,163                              | 5                         | -       | 365   | 103                | 262                | 3                   | 259   |
| Balance of county | 25                 | -                                  | 24                        | -       | 145   | 134                | 11                 | 9                   | -     |
| Lawrence          | 999                | 827                                | 171                       | -       | 374   | 233                | 141                | 1                   | 136   |
| Bedford           | 841                | 825                                | 16                        | -       | 226   | 88                 | 138                | -                   | 136   |
| Balance of county | 158                | 2                                  | 155                       | -       | 149   | 145                | 3                  | 1                   | -     |
| Madison           | 2,633              | 2,566                              | 64                        | -       | 929   | 552                | 377                | 17                  | 349   |
| Anderson          | 1,973              | 1,932                              | 40                        | -       | 537   | 250                | 287                | -                   | 277   |
| Elwood            | 636                | 633                                | 3                         | -       | 149   | 77                 | 72                 | -                   | 72    |
| Balance of county | 24                 | 1                                  | 21                        | -       | 243   | 225                | 18                 | 17                  | -     |
| Marion            | 14,334             | 12,930                             | 1,163                     | 1       | 6,425 | 3,084              | 3,341              | 346                 | 2,924 |
| Indianapolis      | 12,347             | 11,096                             | 1,015                     | 1       | 5,529 | 2,611              | 2,918              | 224                 | 2,641 |
| Balance of county | 1,967              | 1,834                              | 148                       | -       | 896   | 473                | 423                | 122                 | 283   |
| Marshall          | 711                | 692                                | 18                        | -       | 287   | 176                | 111                | -                   | 88    |
| Martin            | 106                | 1                                  | 105                       | -       | 69    | 69                 | -                  | -                   | -     |
| Miami             | 671                | 645                                | 25                        | -       | 351   | 192                | 159                | 21                  | 120   |
| Peru              | 652                | 645                                | 7                         | -       | 213   | 97                 | 121                | -                   | 120   |
| Balance of county | 19                 | -                                  | 18                        | -       | 133   | 95                 | 38                 | 21                  | -     |

See footnotes on p. III.

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                     | LIVE BIRTHS        |                                    |                           |          | DEATHS        |                    |                    |                     |               |
|--------------------------|--------------------|------------------------------------|---------------------------|----------|---------------|--------------------|--------------------|---------------------|---------------|
|                          | Total <sup>1</sup> | Attended by—                       |                           |          | Total         | Not in institution | In institution     |                     |               |
|                          |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |               |                    | Total <sup>3</sup> | Type of institution |               |
|                          |                    |                                    |                           |          |               |                    | Resident           | Non-resident        |               |
| <b>INDIANA—Continued</b> |                    |                                    |                           |          |               |                    |                    |                     |               |
| Monroe                   | 1,094              | 960                                | 130                       | -        | 331           | 233                | 98                 | 14                  | 82            |
| Bloomington              | 997                | 959                                | 38                        | -        | 225           | 128                | 97                 | 13                  | 82            |
| Balance of county        | 97                 | 1                                  | 92                        | -        | 106           | 105                | 1                  | -                   | -             |
| Montgomery               | 825                | 797                                | 28                        | -        | 315           | 191                | 124                | 2                   | 108           |
| Crawfordsville           | 814                | 797                                | 17                        | -        | 200           | 83                 | 117                | 1                   | 108           |
| Balance of county        | 11                 | -                                  | 11                        | -        | 115           | 108                | 7                  | 1                   | -             |
| Morgan                   | 410                | 361                                | 49                        | -        | 204           | 144                | 60                 | 5                   | 53            |
| Newton                   | 50                 | 2                                  | 28                        | -        | 74            | 72                 | 2                  | 2                   | 79            |
| Noble                    | 687                | 670                                | 17                        | -        | 285           | 176                | 109                | 25                  | -             |
| Ohio                     | 28                 | -                                  | 20                        | -        | 45            | 45                 | -                  | -                   | -             |
| Orange                   | 299                | 100                                | 198                       | -        | 154           | 159                | 18                 | 4                   | 11            |
| Owen                     | 31                 | 1                                  | 30                        | -        | 119           | 110                | 9                  | 3                   | -             |
| Parke                    | 62                 | 1                                  | 61                        | -        | 191           | 147                | 44                 | 1                   | 42            |
| Perry                    | 400                | 165                                | 235                       | 3        | 119           | 112                | 7                  | 1                   | 6             |
| Pike                     | 74                 | 74                                 | -                         | -        | 136           | 121                | 15                 | 9                   | 6             |
| Porter                   | 181                | 709                                | 13                        | -        | 319           | 215                | 104                | 7                   | 83            |
| Posey                    | 121                | 1                                  | 190                       | -        | 132           | 126                | 6                  | 4                   | -             |
| Pulaski                  | 210                | 120                                | 89                        | -        | 90            | 77                 | 13                 | 2                   | 11            |
| Putnam                   | 491                | 467                                | 24                        | -        | 217           | 142                | 75                 | 16                  | 52            |
| Randolph                 | 624                | 609                                | 15                        | -        | 287           | 188                | 99                 | 15                  | 81            |
| Ripley                   | 1,050              | 993                                | 50                        | -        | 271           | 149                | 122                | 1                   | 120           |
| Rush                     | 449                | 429                                | 19                        | -        | 206           | 175                | 31                 | 5                   | 18            |
| St. Joseph               | 4,947              | 4,987                              | 57                        | -        | 1,611         | 858                | 773                | 41                  | 705           |
| South Bond               | 3,839              | 3,810                              | 26                        | -        | 1,125         | 547                | 578                | -                   | 557           |
| Wishawaka                | 983                | 977                                | 6                         | -        | 262           | 132                | 130                | -                   | 127           |
| Balance of county        | 25                 | -                                  | 25                        | -        | 224           | 159                | 65                 | 41                  | 22            |
| Scott                    | 477                | 361                                | 96                        | -        | 84            | 74                 | 10                 | 1                   | 8             |
| Shelby                   | 655                | 619                                | 35                        | -        | 304           | 217                | 87                 | 4                   | 78            |
| Shelbyville              | 655                | 617                                | 15                        | -        | 175           | 97                 | 78                 | -                   | 78            |
| Balance of county        | 22                 | 2                                  | 20                        | -        | 129           | 120                | 9                  | 4                   | -             |
| Spencer                  | 195                | 1                                  | 193                       | -        | 165           | 155                | 11                 | 3                   | -             |
| Stark                    | 110                | 4                                  | 105                       | -        | 104           | 100                | 4                  | 4                   | -             |
| Steuben                  | 307                | 297                                | 9                         | -        | 180           | 124                | 56                 | 9                   | 25            |
| Sullivan                 | 520                | 479                                | 40                        | -        | 301           | 219                | 82                 | 5                   | 76            |
| Switzerland              | 61                 | -                                  | 61                        | -        | 83            | -                  | -                  | -                   | -             |
| Tippecanoe               | 2,638              | 2,619                              | 19                        | -        | 836           | 279                | 557                | 84                  | 469           |
| Lafayette                | 2,625              | 2,619                              | 6                         | -        | 641           | 163                | 478                | 35                  | 439           |
| Balance of county        | 13                 | -                                  | 13                        | -        | 195           | 116                | 79                 | 49                  | 30            |
| Tipton                   | 101                | 82                                 | 19                        | -        | 123           | 120                | 3                  | 2                   | 1             |
| Union                    | 11                 | -                                  | 11                        | -        | 50            | 45                 | 5                  | 4                   | -             |
| Vanderburgh              | 4,855              | 4,296                              | 554                       | -        | 1,931         | 771                | 1,160              | 194                 | 929           |
| Evansville               | 4,667              | 4,292                              | 374                       | -        | 1,688         | 628                | 960                | 51                  | 679           |
| Balance of county        | 188                | 4                                  | 180                       | -        | 343           | 143                | 200                | 143                 | 50            |
| Vermillion               | 499                | 465                                | 34                        | -        | 248           | 141                | 107                | 1                   | 106           |
| Vigo                     | 2,582              | 2,378                              | 201                       | -        | 1,264         | 749                | 516                | 46                  | 462           |
| Terre Haute              | 2,480              | 2,373                              | 104                       | -        | 968           | 495                | 473                | 3                   | 462           |
| Balance of county        | 102                | 5                                  | 97                        | -        | 298           | 253                | 43                 | 43                  | -             |
| Wabash                   | 553                | 547                                | 6                         | -        | 294           | 194                | 110                | 10                  | 89            |
| Warren                   | 201                | 161                                | 19                        | -        | 82            | 53                 | 29                 | 3                   | 26            |
| Warrick                  | 175                | 3                                  | 168                       | 1        | 142           | 142                | 5                  | 4                   | -             |
| Washington               | 239                | 1                                  | 229                       | 4        | 142           | 142                | 5                  | 4                   | -             |
| Wayne                    | 1,668              | 1,627                              | 41                        | -        | 844           | 417                | 427                | 161                 | 258           |
| Richmond                 | 18                 | -                                  | 18                        | -        | 252           | 250                | 2                  | -                   | -             |
| Balance of county        | 1,650              | 1,627                              | 23                        | -        | 592           | 167                | 425                | 161                 | 258           |
| Wells                    | 441                | 426                                | 15                        | -        | 224           | 120                | 104                | 4                   | 98            |
| White                    | 62                 | -                                  | 62                        | -        | 120           | 117                | 3                  | 2                   | -             |
| Whitley                  | 12                 | -                                  | 11                        | -        | 163           | 120                | 43                 | 5                   | 35            |
| <b>IOWA</b>              | <b>61,513</b>      | <b>58,733</b>                      | <b>2,685</b>              | <b>9</b> | <b>26,150</b> | <b>13,130</b>      | <b>13,020</b>      | <b>1,526</b>        | <b>11,023</b> |
| Adair                    | 73                 | 4                                  | 69                        | -        | 60            | 57                 | 3                  | 1                   | -             |
| Adams                    | 8                  | -                                  | 8                         | -        | 55            | 51                 | 4                  | -                   | 3             |
| Allamakee                | 389                | 372                                | 14                        | -        | 138           | 112                | 24                 | 2                   | 22            |
| Appanoose                | 407                | 362                                | 20                        | 1        | 261           | 145                | 116                | 6                   | 100           |
| Audubon                  | 97                 | 59                                 | 37                        | -        | 66            | 66                 | -                  | -                   | -             |
| Benton                   | 473                | 446                                | 25                        | -        | 206           | 145                | 61                 | 7                   | 50            |
| Black Hawk               | 3,099              | 3,069                              | 28                        | -        | 869           | 401                | 468                | 49                  | 411           |
| Waterloo                 | 1,622              | 1,615                              | 7                         | -        | 446           | 236                | 210                | -                   | 204           |
| Balance of county        | 1,477              | 1,454                              | 21                        | -        | 423           | 165                | 258                | 49                  | 207           |
| Boone                    | 447                | 439                                | 8                         | -        | 332           | 159                | 193                | 89                  | 104           |
| Boone                    | 439                | 439                                | -                         | -        | 195           | 67                 | 128                | 22                  | 104           |
| Balance of county        | 8                  | -                                  | 8                         | -        | 139           | 72                 | 67                 | 67                  | -             |
| Bremer                   | 409                | 384                                | 25                        | -        | 180           | 103                | 77                 | 6                   | 69            |
| Buchanan                 | 401                | 360                                | 22                        | 1        | 306           | 127                | 179                | 132                 | 46            |
| Buena Vista              | 525                | 513                                | 11                        | -        | 200           | 127                | 73                 | 4                   | 68            |
| Butler                   | 77                 | 52                                 | 26                        | -        | 106           | 101                | 5                  | 2                   | -             |
| Calhoun                  | 272                | 265                                | 7                         | -        | 123           | 89                 | 34                 | 7                   | 23            |
| Carroll                  | 1,007              | 991                                | 16                        | -        | 259           | 116                | 143                | 2                   | 125           |
| Cass                     | 441                | 415                                | 25                        | -        | 165           | 83                 | 82                 | 4                   | 78            |
| Cedar                    | 57                 | 39                                 | 17                        | -        | 122           | 111                | 11                 | 7                   | 2             |
| Cerro Gordo              | 1,452              | 1,434                              | 18                        | -        | 529           | 189                | 340                | 18                  | 309           |
| Mason City               | 1,408              | 1,399                              | 9                         | -        | 431           | 116                | 315                | 12                  | 293           |
| Balance of county        | 44                 | 35                                 | 9                         | -        | 98            | 73                 | 25                 | 6                   | 16            |
| Cherokee                 | 500                | 494                                | 6                         | -        | 312           | 104                | 208                | 148                 | 55            |
| Chickasaw                | 368                | 365                                | 3                         | -        | 147           | 86                 | 61                 | 1                   | 58            |
| Clarke                   | 262                | 255                                | 7                         | -        | 121           | 58                 | 63                 | -                   | 59            |
| Clay                     | 436                | 432                                | 4                         | -        | 144           | 77                 | 67                 | 2                   | 63            |
| Clayton                  | 308                | 211                                | 96                        | -        | 216           | 161                | 35                 | 14                  | 20            |
| Clinton                  | 1,283              | 1,261                              | 22                        | -        | 544           | 282                | 262                | 18                  | 240           |
| Clinton                  | 1,261              | 1,261                              | -                         | -        | 409           | 168                | 241                | 1                   | 239           |
| Balance of county        | 22                 | -                                  | 22                        | -        | 135           | 114                | 21                 | 17                  | 1             |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|-------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                   |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| IOWA—Continued    |                    |                                    |                           |         |        |                    |                    |                     |       |
| Crawford          | 346                | 322                                | 24                        | -       | 153    | 110                | 43                 | 4                   | 39    |
| Dallas            | 418                | 371                                | 47                        | -       | 186    | 120                | 66                 | 10                  | 52    |
| Davis             | 36                 | 1                                  | 35                        | -       | 69     | 62                 | 7                  | 3                   | 4     |
| Decatur           | 287                | 263                                | 3                         | -       | 152    | 74                 | 78                 | 4                   | 73    |
| Delaware          | 322                | 307                                | 15                        | -       | 129    | 97                 | 32                 | 3                   | 29    |
| Des Moines        | 1,165              | 1,151                              | 13                        | -       | 533    | 198                | 335                | 20                  | 308   |
| Burlington        | 1,159              | 1,151                              | 6                         | -       | 459    | 141                | 318                | 3                   | 308   |
| Balance of county | 7                  | -                                  | 7                         | -       | 74     | 57                 | 17                 | 17                  | -     |
| Dickinson         | 187                | 164                                | 23                        | -       | 94     | 62                 | 32                 | 5                   | 23    |
| Dubuque           | 2,105              | 2,061                              | 42                        | -       | 851    | 320                | 531                | 58                  | 469   |
| Dubuque           | 1,922              | 1,911                              | 10                        | -       | 710    | 232                | 478                | 55                  | 422   |
| Balance of county | 183                | 150                                | 32                        | -       | 141    | 88                 | 53                 | 3                   | 47    |
| Emmet             | 571                | 569                                | 1                         | -       | 158    | 57                 | 101                | 3                   | 95    |
| Fayette           | 712                | 670                                | 41                        | -       | 268    | 163                | 105                | 21                  | 76    |
| Floyd             | 626                | 616                                | 10                        | -       | 198    | 108                | 90                 | 2                   | 87    |
| Franklin          | 568                | 562                                | 5                         | -       | 134    | 63                 | 71                 | 4                   | 64    |
| Fremont           | 244                | 230                                | 14                        | -       | 127    | 77                 | 50                 | 4                   | 46    |
| Greene            | 442                | 432                                | 10                        | -       | 158    | 86                 | 70                 | 4                   | 64    |
| Grundy            | 42                 | 28                                 | 14                        | -       | 71     | 71                 | -                  | -                   | -     |
| Guthrie           | 79                 | 25                                 | 54                        | -       | 110    | 91                 | 19                 | 9                   | 5     |
| Hamilton          | 459                | 451                                | 8                         | -       | 173    | 94                 | 79                 | 2                   | 69    |
| Hancock           | 37                 | 18                                 | 18                        | -       | 67     | 65                 | 2                  | 2                   | -     |
| Hardin            | 570                | 563                                | 7                         | -       | 186    | 115                | 71                 | 3                   | 68    |
| Harrison          | 310                | 216                                | 93                        | -       | 144    | 137                | 7                  | -                   | 4     |
| Henry             | 350                | 344                                | 6                         | -       | 321    | 106                | 215                | 137                 | 70    |
| Howard            | 288                | 282                                | 6                         | -       | 116    | 71                 | 45                 | 1                   | 44    |
| Humboldt          | 25                 | 3                                  | 22                        | -       | 68     | 62                 | 6                  | 2                   | 3     |
| Ida               | 178                | 169                                | 9                         | -       | 86     | 56                 | 30                 | -                   | 30    |
| Iowa              | 175                | 138                                | 37                        | -       | 128    | 96                 | 32                 | 11                  | 20    |
| Jackson           | 236                | 228                                | 8                         | -       | 177    | 101                | 76                 | 15                  | 52    |
| Jasper            | 479                | 443                                | 35                        | -       | 262    | 147                | 115                | 4                   | 109   |
| Newton            | 427                | 420                                | 7                         | -       | 156    | 48                 | 108                | 1                   | 104   |
| Balance of county | 52                 | 23                                 | 28                        | -       | 106    | 99                 | 7                  | 3                   | 4     |
| Jefferson         | 397                | 386                                | 11                        | -       | 147    | 77                 | 70                 | 2                   | 69    |
| Johnson           | 1,893              | 1,869                              | 24                        | -       | 905    | 182                | 723                | 6                   | 712   |
| Iowa City         | 1,872              | 1,869                              | 3                         | -       | 777    | 114                | 663                | -                   | 658   |
| Balance of county | 21                 | -                                  | 21                        | -       | 128    | 66                 | 60                 | 6                   | 54    |
| Jones             | 587                | 584                                | 3                         | -       | 175    | 89                 | 86                 | 16                  | 67    |
| Keokuk            | 221                | 156                                | 65                        | -       | 161    | 126                | 35                 | 5                   | 25    |
| Kossuth           | 525                | 453                                | 72                        | -       | 152    | 117                | 35                 | 3                   | 32    |
| Lee               | 1,405              | 1,390                              | 12                        | -       | 610    | 186                | 424                | 18                  | 404   |
| Fort Madison      | 533                | 527                                | 6                         | -       | 206    | 74                 | 132                | 6                   | 124   |
| Keokuk            | 865                | 863                                | 1                         | -       | 343    | 63                 | 280                | -                   | 280   |
| Balance of county | 5                  | -                                  | 5                         | -       | 61     | 49                 | 12                 | 12                  | -     |
| Linn              | 2,541              | 2,542                              | 37                        | -       | 1,003  | 422                | 581                | 38                  | 527   |
| Cedar Rapids      | 2,548              | 2,542                              | 6                         | -       | 812    | 264                | 548                | 13                  | 524   |
| Balance of county | 33                 | -                                  | 31                        | -       | 191    | 158                | 33                 | 25                  | 3     |
| Louis             | 11                 | -                                  | 10                        | -       | 74     | 63                 | 11                 | -                   | -     |
| Lucas             | 201                | 183                                | 18                        | -       | 145    | 79                 | 66                 | 5                   | 53    |
| Lyon              | 202                | 166                                | 36                        | -       | 86     | 65                 | 21                 | 1                   | 20    |
| Madison           | 79                 | 43                                 | 36                        | -       | 89     | 76                 | 13                 | 6                   | -     |
| Mahaaska          | 846                | 821                                | 25                        | -       | 362    | 190                | 172                | 17                  | 151   |
| Oskalesia         | 802                | 799                                | 3                         | -       | 258    | 99                 | 159                | 4                   | 151   |
| Balance of county | 44                 | 22                                 | 22                        | -       | 104    | 91                 | 13                 | 13                  | -     |
| Marion            | 290                | 252                                | 37                        | -       | 222    | 131                | 91                 | 44                  | 43    |
| Marshall          | 1,115              | 1,108                              | 7                         | -       | 406    | 137                | 269                | 48                  | 219   |
| Marshalltown      | 1,082              | 1,081                              | 1                         | -       | 297    | 80                 | 217                | -                   | 215   |
| Balance of county | 33                 | 27                                 | 6                         | -       | 109    | 57                 | 52                 | 48                  | 4     |
| Mills             | 53                 | 20                                 | 32                        | -       | 112    | 65                 | 47                 | 45                  | 4     |
| Mitchell          | 356                | 351                                | 5                         | -       | 104    | 83                 | 21                 | 1                   | 14    |
| Monona            | 300                | 227                                | 73                        | -       | 75     | 63                 | 12                 | -                   | 11    |
| Monroe            | 218                | 159                                | 58                        | -       | 121    | 89                 | 32                 | 10                  | 18    |
| Montgomery        | 415                | 409                                | 6                         | -       | 160    | 97                 | 63                 | 4                   | 47    |
| Muscatine         | 725                | 712                                | 10                        | -       | 366    | 186                | 180                | 8                   | 170   |
| Muscatine         | 717                | 712                                | 4                         | -       | 289    | 114                | 175                | 3                   | 170   |
| Balance of county | 8                  | -                                  | 8                         | -       | 77     | 72                 | 5                  | 5                   | -     |
| O'Brien           | 528                | 449                                | 79                        | -       | 154    | 106                | 48                 | 5                   | 40    |
| Osceola           | 286                | 271                                | 15                        | -       | 61     | 45                 | 16                 | -                   | 16    |
| Page              | 630                | 626                                | 4                         | -       | 342    | 119                | 223                | 115                 | 107   |
| Palo Alto         | 327                | 287                                | 40                        | -       | 140    | 100                | 40                 | -                   | 39    |
| Plymouth          | 869                | 869                                | 19                        | -       | 165    | 105                | 60                 | 2                   | 76    |
| Pocahontas        | 215                | 184                                | 31                        | -       | 89     | 75                 | 14                 | 1                   | 7     |
| Folk              | 6,065              | 5,953                              | 109                       | -       | 2,593  | 894                | 1,699              | 79                  | 1,561 |
| Des Moines        | 6,038              | 5,953                              | 82                        | -       | 2,564  | 733                | 1,631              | 39                  | 1,552 |
| Balance of county | 27                 | -                                  | 27                        | -       | 229    | 161                | 68                 | 40                  | 9     |
| Pottawattomie     | 1,870              | 1,852                              | 17                        | -       | 823    | 317                | 506                | 9                   | 480   |
| Council Bluffs    | 1,862              | 1,852                              | 10                        | -       | 695    | 193                | 502                | 6                   | 480   |
| Balance of county | 8                  | -                                  | 7                         | -       | 128    | 124                | 4                  | 3                   | -     |
| Poweshiek         | 448                | 418                                | 29                        | -       | 226    | 120                | 106                | 15                  | 84    |
| Ringgold          | 17                 | 1                                  | 16                        | -       | 75     | 75                 | 1                  | -                   | 1     |
| Sac               | 175                | 160                                | 15                        | -       | 117    | 101                | 16                 | -                   | 16    |
| Scott             | 2,718              | 2,706                              | 12                        | -       | 962    | 410                | 552                | 50                  | 517   |
| Devenport         | 2,711              | 2,706                              | 5                         | -       | 849    | 328                | 521                | 5                   | 512   |
| Balance of county | 7                  | -                                  | 7                         | -       | 113    | 82                 | 31                 | 25                  | 5     |
| Shelby            | 254                | 178                                | 73                        | -       | 81     | 67                 | 14                 | 4                   | 6     |
| Sioux             | 541                | 486                                | 55                        | -       | 190    | 126                | 64                 | 3                   | 53    |
| Story             | 1,034              | 1,019                              | 13                        | -       | 259    | 169                | 90                 | 17                  | 73    |
| Ames              | 1,019              | 1,019                              | -                         | -       | 127    | 55                 | 72                 | -                   | 72    |
| Balance of county | 15                 | -                                  | 13                        | -       | 132    | 114                | 18                 | 17                  | 1     |
| Tama              | 109                | 87                                 | 15                        | 7       | 153    | 131                | 22                 | 10                  | 1     |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                  | LIVE BIRTHS        |                                    |                           | DEATHS   |               |                    |                    |                     |              |
|-----------------------|--------------------|------------------------------------|---------------------------|----------|---------------|--------------------|--------------------|---------------------|--------------|
|                       | Total <sup>1</sup> | Attended by—                       |                           |          | Total         | Not in institution | In institution     |                     |              |
|                       |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |               |                    | Total <sup>3</sup> | Type of institution |              |
|                       |                    |                                    |                           |          |               |                    | Resi- dent         | Non- resi- dent     |              |
| <b>IOWA—Continued</b> |                    |                                    |                           |          |               |                    |                    |                     |              |
| Taylor                | 44                 | 3                                  | 40                        | -        | 92            | 77                 | 15                 | 13                  | -            |
| Union                 | 810                | 600                                | 9                         | -        | 202           | 103                | 99                 | -                   | 94           |
| Van Buren             | 50                 | 2                                  | 47                        | -        | 117           | 111                | 6                  | 3                   | 1            |
| Wapello               | 1,332              | 1,247                              | 81                        | -        | 510           | 235                | 275                | 18                  | 211          |
| Wasson                | 1,290              | 1,246                              | 41                        | -        | 423           | 177                | 246                | 1                   | 205          |
| Balance of county     | 42                 | 1                                  | 40                        | -        | 87            | 58                 | 29                 | 17                  | 6            |
| Warren                | 178                | 117                                | 61                        | -        | 117           | 96                 | 21                 | 1                   | 16           |
| Washington            | 498                | 478                                | 20                        | -        | 181           | 108                | 73                 | 12                  | 61           |
| Wayne                 | 84                 | 49                                 | 34                        | -        | 111           | 101                | 10                 | 3                   | 6            |
| Webster               | 1,785              | 1,749                              | 14                        | -        | 506           | 169                | 337                | 9                   | 328          |
| Fort Dodge            | 1,752              | 1,749                              | 3                         | -        | 427           | 96                 | 331                | 3                   | 328          |
| Balance of county     | 13                 | -                                  | 11                        | -        | 73            | 73                 | 6                  | 6                   | -            |
| Winneshiek            | 441                | 438                                | 3                         | -        | 116           | 81                 | 35                 | 2                   | 31           |
| Winneshiek            | 446                | 431                                | 15                        | -        | 219           | 137                | 82                 | 8                   | 74           |
| Woodbury              | 3,360              | 3,256                              | 95                        | -        | 1,258         | 489                | 769                | 33                  | 706          |
| Sioux City            | 3,251              | 3,227                              | 17                        | -        | 1,139         | 391                | 748                | 14                  | 706          |
| Balance of county     | 109                | 29                                 | 79                        | -        | 119           | 98                 | 21                 | 19                  | -            |
| Worth                 | 28                 | -                                  | 18                        | -        | 71            | 70                 | 1                  | -                   | 1            |
| Wright                | 315                | 297                                | 15                        | -        | 146           | 109                | 37                 | 1                   | 27           |
| <b>KANSAS</b>         | <b>41,867</b>      | <b>39,117</b>                      | <b>2,582</b>              | <b>9</b> | <b>18,648</b> | <b>9,669</b>       | <b>8,979</b>       | <b>955</b>          | <b>7,815</b> |
| Allen                 | 431                | 392                                | 39                        | -        | 176           | 130                | 46                 | 1                   | 39           |
| Anderson              | 175                | 146                                | 29                        | -        | 105           | 73                 | 32                 | 13                  | 3            |
| Atchison              | 401                | 368                                | 14                        | -        | 252           | 148                | 104                | 14                  | 90           |
| Atchison              | 392                | 365                                | 6                         | -        | 188           | 98                 | 90                 | 2                   | 88           |
| Balance of county     | 9                  | 1                                  | 8                         | -        | 64            | 50                 | 14                 | 12                  | 2            |
| Barber                | 247                | 230                                | 17                        | -        | 90            | 40                 | 50                 | -                   | 50           |
| Barber                | 1,070              | 1,059                              | 10                        | -        | 242           | 93                 | 149                | 6                   | 143          |
| Bourbon               | 452                | 434                                | 17                        | -        | 246           | 108                | 138                | 6                   | 131          |
| Fort Scott            | 434                | 434                                | -                         | -        | 201           | 63                 | 138                | 6                   | 131          |
| Balance of county     | 18                 | -                                  | 17                        | -        | 45            | 45                 | -                  | -                   | -            |
| Brown                 | 239                | 219                                | 17                        | 2        | 178           | 127                | 51                 | 11                  | 40           |
| Butler                | 420                | 409                                | 11                        | -        | 258           | 139                | 99                 | -                   | 98           |
| El Dorado             | 407                | 406                                | 1                         | -        | 147           | 48                 | 99                 | -                   | 98           |
| Balance of county     | 13                 | 3                                  | 10                        | -        | 91            | 91                 | -                  | -                   | -            |
| Chase                 | 86                 | 86                                 | 20                        | -        | 30            | 28                 | 2                  | 1                   | 1            |
| Chautauqua            | 92                 | 61                                 | 30                        | -        | 72            | 53                 | 19                 | 7                   | 10           |
| Cherokee              | 326                | 245                                | 73                        | -        | 229           | 178                | 51                 | 6                   | 43           |
| Cherokee              | 149                | 149                                | -                         | -        | 41            | 27                 | 14                 | -                   | 13           |
| Clark                 | 121                | 120                                | 1                         | -        | 41            | 25                 | 16                 | -                   | 15           |
| Clay                  | 308                | 305                                | 3                         | -        | 145           | 97                 | 48                 | -                   | 48           |
| Cloud                 | 546                | 527                                | 19                        | -        | 243           | 114                | 129                | 8                   | 120          |
| Coffey                | 92                 | 12                                 | 79                        | -        | 90            | 82                 | 8                  | 1                   | -            |
| Comanche              | 5                  | -                                  | 5                         | -        | 18            | 18                 | -                  | -                   | -            |
| Cowley                | 843                | 832                                | 10                        | 1        | 468           | 212                | 256                | 61                  | 191          |
| Arkansas City         | 357                | 353                                | 4                         | -        | 145           | 81                 | 64                 | -                   | 64           |
| Balance of county     | 486                | 479                                | 6                         | 1        | 323           | 131                | 192                | 61                  | 127          |
| Crawford              | 837                | 759                                | 74                        | 3        | 549           | 312                | 237                | 4                   | 230          |
| Pittsburg             | 32                 | 3                                  | 28                        | 2        | 173           | 149                | 23                 | 1                   | 19           |
| Balance of county     | 905                | 756                                | 48                        | 1        | 377           | 163                | 214                | 3                   | 211          |
| Decatur               | 84                 | 81                                 | 3                         | -        | 55            | 33                 | 22                 | -                   | 22           |
| Dickinson             | 355                | 345                                | 9                         | -        | 184           | 124                | 60                 | 5                   | 55           |
| Doniphan              | 129                | 41                                 | 87                        | -        | 74            | 74                 | -                  | -                   | -            |
| Douglas               | 899                | 889                                | 8                         | 1        | 277           | 165                | 122                | 1                   | 117          |
| Lawrence              | 891                | 889                                | 2                         | -        | 215           | 97                 | 118                | 1                   | 115          |
| Balance of county     | 8                  | -                                  | 6                         | 1        | 82            | 58                 | 4                  | -                   | 2            |
| Edwards               | 8                  | -                                  | 8                         | -        | 26            | 26                 | -                  | -                   | -            |
| Elk                   | 11                 | -                                  | 11                        | -        | 43            | 43                 | -                  | -                   | -            |
| Ellis                 | 950                | 945                                | 5                         | -        | 199           | 71                 | 128                | -                   | 128          |
| Ellsworth             | 208                | 197                                | 11                        | -        | 108           | 51                 | 57                 | 6                   | 42           |
| Finney                | 609                | 601                                | 8                         | -        | 126           | 43                 | 83                 | -                   | 83           |
| Ford                  | 913                | 904                                | 9                         | -        | 279           | 75                 | 204                | 25                  | 177          |
| Franklin              | 496                | 456                                | 40                        | -        | 222           | 119                | 103                | 13                  | 79           |
| Ottawa                | 471                | 456                                | 15                        | -        | 154           | 64                 | 90                 | 9                   | 79           |
| Balance of county     | 25                 | -                                  | 25                        | -        | 68            | 55                 | 13                 | 4                   | -            |
| Geary                 | 731                | 730                                | 1                         | -        | 132           | 54                 | 78                 | 1                   | 77           |
| Gove                  | 132                | 125                                | 7                         | -        | 30            | 17                 | 13                 | -                   | 11           |
| Graham                | 10                 | 1                                  | 9                         | -        | 31            | 31                 | -                  | -                   | -            |
| Grant                 | 18                 | 5                                  | 12                        | -        | 6             | 7                  | 1                  | -                   | 1            |
| Gray                  | 11                 | -                                  | 11                        | -        | 17            | 17                 | -                  | -                   | -            |
| Greeley               | 7                  | 5                                  | 1                         | -        | 9             | 9                  | -                  | -                   | -            |
| Greenwood             | 220                | 200                                | 20                        | -        | 109           | 61                 | 48                 | -                   | 46           |
| Hamilton              | 189                | 187                                | 2                         | -        | 30            | 14                 | 16                 | -                   | 16           |
| Harper                | 265                | 262                                | 3                         | -        | 136           | 58                 | 78                 | -                   | 73           |
| Harvey                | 564                | 553                                | 1                         | -        | 274           | 64                 | 210                | 3                   | 207          |
| Newton                | 514                | 513                                | 1                         | -        | 154           | 42                 | 112                | 3                   | 109          |
| Balance of county     | 40                 | 40                                 | -                         | -        | 120           | 22                 | 98                 | -                   | 98           |
| Haskell               | 6                  | -                                  | 5                         | -        | 9             | 9                  | -                  | -                   | -            |
| Hodgeman              | 1                  | -                                  | 1                         | -        | 5             | 5                  | -                  | -                   | -            |
| Jackson               | 196                | 189                                | 6                         | 1        | 114           | 85                 | 31                 | -                   | 28           |
| Jefferson             | 32                 | 1                                  | 31                        | -        | 93            | 93                 | -                  | -                   | -            |
| Jewell                | 22                 | 1                                  | 21                        | -        | 72            | 70                 | 2                  | 2                   | -            |
| Johnson               | 177                | 125                                | 50                        | -        | 274           | 241                | 33                 | 6                   | 26           |
| Kearny                | 56                 | 56                                 | -                         | -        | 25            | 15                 | 10                 | -                   | 10           |
| Kingman               | 263                | 256                                | 4                         | -        | 98            | 43                 | 55                 | -                   | 50           |
| Kiowa                 | 38                 | 21                                 | 17                        | -        | 24            | 24                 | -                  | -                   | -            |
| Labette               | 703                | 606                                | 95                        | -        | 357           | 192                | 165                | 30                  | 135          |
| Parsons               | 20                 | 1                                  | 19                        | -        | 130           | 87                 | 43                 | 26                  | 17           |
| Balance of county     | 683                | 605                                | 76                        | -        | 227           | 105                | 122                | 4                   | 118          |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |              |
|-------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|--------------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |              |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |              |
|                   |                    |                                    |                           |              |               |                    | Resi- dent         | Non- resi- dent     |              |
| KANSAS—Continued  |                    |                                    |                           |              |               |                    |                    |                     |              |
| Lans              | 3                  | -                                  | 3                         | -            | 9             | 9                  | -                  | -                   | -            |
| Leavenworth       | 1,075              | 1,049                              | 24                        | -            | 678           | 172                | 506                | 12                  | 491          |
| Leavenworth       | 681                | 677                                | 4                         | -            | 269           | 102                | 167                | 2                   | 162          |
| Balance of county | 394                | 372                                | 20                        | -            | 409           | 70                 | 339                | 10                  | 329          |
| Lincoln           | 34                 | 3                                  | 31                        | -            | 54            | 52                 | 2                  | 2                   | -            |
| Linn              | 113                | 3                                  | 109                       | -            | 91            | 86                 | 5                  | 2                   | -            |
| Logan             | 10                 | -                                  | 9                         | 1            | 20            | 20                 | -                  | -                   | -            |
| Lyon              | 792                | 774                                | 14                        | -            | 363           | 139                | 224                | -                   | 222          |
| Emporia           | 779                | 774                                | 4                         | -            | 311           | 87                 | 224                | -                   | 222          |
| Balance of county | 13                 | -                                  | 10                        | -            | 52            | 52                 | -                  | -                   | -            |
| McPherson         | 471                | 471                                | -                         | -            | 201           | 91                 | 110                | 12                  | 92           |
| Marion            | 356                | 311                                | 25                        | -            | 143           | 82                 | 61                 | 2                   | 56           |
| Marshall          | 428                | 387                                | 37                        | -            | 206           | 144                | 62                 | 4                   | 53           |
| Meade             | 86                 | 91                                 | 4                         | -            | 34            | 26                 | 8                  | -                   | 8            |
| Miami             | 314                | 260                                | 54                        | -            | 325           | 146                | 179                | 139                 | 33           |
| Mitchell          | 426                | 422                                | 4                         | -            | 119           | 56                 | 63                 | 2                   | 59           |
| Montgomery        | 1,176              | 1,047                              | 116                       | -            | 552           | 315                | 237                | 5                   | 215          |
| Coffeyville       | 528                | 474                                | 44                        | -            | 176           | 104                | 72                 | -                   | 69           |
| Independence      | 529                | 516                                | 11                        | -            | 221           | 82                 | 139                | -                   | 129          |
| Balance of county | 119                | 57                                 | 61                        | -            | 155           | 129                | 26                 | 5                   | 19           |
| Morris            | 100                | 89                                 | 10                        | -            | 96            | 75                 | 23                 | 3                   | 19           |
| Morton            | 94                 | 88                                 | 5                         | -            | 20            | 8                  | 14                 | -                   | 14           |
| Wenaha            | 370                | 338                                | 32                        | -            | 134           | 70                 | 64                 | -                   | 64           |
| Wescho            | 367                | 304                                | 63                        | -            | 227           | 143                | 84                 | 1                   | 79           |
| Chanute           | 313                | 304                                | 9                         | -            | 177           | 93                 | 84                 | 1                   | 79           |
| Balance of county | 54                 | -                                  | 54                        | -            | 50            | 50                 | -                  | -                   | -            |
| Wess              | 125                | 120                                | 4                         | -            | 37            | 27                 | 10                 | -                   | 10           |
| Worton            | 309                | 294                                | 15                        | -            | 146           | 56                 | 90                 | -                   | 90           |
| Osage             | 59                 | -                                  | 59                        | -            | 112           | 110                | 2                  | 2                   | -            |
| Osborne           | 40                 | 17                                 | 23                        | -            | 65            | 1                  | -                  | -                   | -            |
| Ottawa            | 20                 | 2                                  | 18                        | -            | 72            | 70                 | 2                  | -                   | -            |
| Pawnee            | 120                | 117                                | 3                         | -            | 176           | 39                 | 137                | 114                 | 23           |
| Phillips          | 163                | 71                                 | 92                        | -            | 85            | 92                 | 3                  | 1                   | -            |
| Pottawatomie      | 225                | 221                                | 4                         | -            | 120           | 72                 | 48                 | 1                   | 44           |
| Pratt             | 255                | 253                                | 2                         | -            | 110           | 67                 | 43                 | -                   | 41           |
| Rawlins           | 22                 | 19                                 | 3                         | -            | 22            | 22                 | -                  | -                   | -            |
| Reno              | 1,257              | 1,235                              | 20                        | -            | 497           | 229                | 269                | 2                   | 249          |
| Hutchinson        | 1,256              | 1,234                              | 4                         | -            | 400           | 148                | 252                | -                   | 248          |
| Balance of county | 19                 | 1                                  | 16                        | -            | 97            | 80                 | 17                 | 2                   | 30           |
| Republic          | 201                | 191                                | 10                        | -            | 98            | 30                 | 68                 | 3                   | 63           |
| Rice              | 309                | 302                                | 7                         | -            | 154           | 98                 | 66                 | 3                   | 64           |
| Riley             | 760                | 759                                | 1                         | -            | 190           | 96                 | 96                 | 9                   | 84           |
| Manhattan         | 759                | 759                                | -                         | -            | 142           | 58                 | 84                 | -                   | 84           |
| Balance of county | 1                  | -                                  | 1                         | -            | 48            | 36                 | 12                 | 9                   | -            |
| Rooks             | 101                | 70                                 | 30                        | -            | 57            | 56                 | 1                  | -                   | -            |
| Rush              | 80                 | 72                                 | 8                         | -            | 48            | 23                 | 25                 | -                   | 23           |
| Russell           | 258                | 246                                | 11                        | -            | 78            | 55                 | 23                 | -                   | 23           |
| Saline            | 1,262              | 1,267                              | 14                        | -            | 343           | 125                | 218                | -                   | 218          |
| Salina            | 944                | 932                                | 12                        | -            | 293           | 94                 | 209                | -                   | 209          |
| Balance of county | 338                | 335                                | 2                         | -            | 50            | 41                 | 9                  | -                   | 9            |
| Scott             | 161                | 149                                | 9                         | -            | 38            | 16                 | 22                 | -                   | 19           |
| Sedgwick          | 5,709              | 5,546                              | 139                       | -            | 1,834         | 632                | 1,202              | 45                  | 1,142        |
| Wichita           | 5,552              | 5,448                              | 87                        | -            | 1,567         | 502                | 1,065              | 45                  | 1,005        |
| Balance of county | 157                | 98                                 | 51                        | -            | 267           | 130                | 137                | -                   | 137          |
| Sevard            | 435                | 434                                | 1                         | -            | 99            | 42                 | 57                 | -                   | 57           |
| Shawnee           | 2,498              | 2,353                              | 118                       | -            | 1,333         | 593                | 750                | 276                 | 463          |
| Topeka            | 2,464              | 2,352                              | 87                        | -            | 903           | 446                | 457                | 36                  | 410          |
| Balance of county | 34                 | 1                                  | 31                        | -            | 430           | 137                | 293                | 240                 | 53           |
| Sheridan          | 73                 | 60                                 | 15                        | -            | 21            | 20                 | 1                  | -                   | -            |
| Sherman           | 268                | 267                                | -                         | -            | 63            | 43                 | 40                 | -                   | 40           |
| Smith             | 202                | 180                                | 17                        | -            | 84            | 72                 | 12                 | -                   | 11           |
| Stafford          | 146                | 145                                | 1                         | -            | 96            | 44                 | 52                 | -                   | 52           |
| Stanton           | 3                  | -                                  | 3                         | -            | 3             | 2                  | 1                  | -                   | -            |
| Stevens           | 13                 | -                                  | 13                        | -            | 19            | 19                 | -                  | -                   | -            |
| Sumner            | 408                | 394                                | 14                        | -            | 206           | 125                | 81                 | 8                   | 73           |
| Thomas            | 408                | 402                                | 7                         | -            | 90            | 44                 | 46                 | -                   | 45           |
| Trego             | 14                 | -                                  | 9                         | -            | 24            | 24                 | -                  | -                   | -            |
| Wabunsee          | 28                 | 3                                  | 25                        | -            | 60            | 60                 | -                  | -                   | -            |
| Wallace           | 1                  | -                                  | 1                         | -            | 6             | 6                  | -                  | -                   | -            |
| Washington        | 21                 | 3                                  | 16                        | -            | 105           | 101                | 4                  | 3                   | 1            |
| Wichita           | 12                 | 8                                  | 4                         | -            | 7             | 7                  | -                  | -                   | -            |
| Wilson            | 272                | 206                                | 64                        | -            | 171           | 122                | 49                 | 11                  | 36           |
| Woodson           | 50                 | 21                                 | 25                        | -            | 53            | 52                 | 1                  | -                   | -            |
| Wyandotte         | 3,998              | 3,698                              | 276                       | -            | 1,741         | 722                | 989                | 65                  | 923          |
| Kansas City       | 3,868              | 3,698                              | 256                       | -            | 1,568         | 639                | 927                | 3                   | 923          |
| Balance of county | 31                 | -                                  | 20                        | -            | 175           | 113                | 62                 | 62                  | -            |
| <b>KANSAS</b>     | <b>777,192</b>     | <b>44,995</b>                      | <b>26,115</b>             | <b>3,500</b> | <b>27,753</b> | <b>18,460</b>      | <b>9,273</b>       | <b>1,059</b>        | <b>8,011</b> |
| KENTUCKY          |                    |                                    |                           |              |               |                    |                    |                     |              |
| Adair             | 328                | 1                                  | 285                       | 17           | 124           | 124                | -                  | -                   | -            |
| Allen             | 283                | 106                                | 173                       | 2            | 131           | 126                | 5                  | -                   | 5            |
| Anderson          | 113                | -                                  | 112                       | -            | 75            | 75                 | -                  | -                   | -            |
| Ballard           | 64                 | -                                  | 62                        | -            | 62            | 62                 | -                  | -                   | -            |
| Barren            | 1,026              | 828                                | 164                       | 7            | 357           | 196                | 161                | -                   | 161          |
| Bath              | 170                | -                                  | 160                       | 3            | 69            | 69                 | -                  | -                   | -            |
| Bell              | 1,377              | 636                                | 631                       | 95           | 462           | 271                | 211                | 1                   | 210          |
| Middlesborough    | 659                | 520                                | 138                       | -            | 195           | 89                 | 106                | -                   | 106          |
| Balance of county | 918                | 316                                | 493                       | 95           | 267           | 182                | 105                | 1                   | 104          |
| Boone             | 91                 | -                                  | 90                        | 1            | 101           | 100                | 1                  | 1                   | -            |
| Bourbon           | 408                | 267                                | 140                       | -            | 200           | 139                | 61                 | 2                   | 59           |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| KENTUCKY—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Boyd               | 1,454              | 1,349                              | 80                        | 14      | 422    | 244                | 178                | -                   | 175   |
| Ashland            | 1,397              | 1,349                              | 45                        | -       | 536    | 159                | 177                | -                   | 175   |
| Balance of county  | 57                 | -                                  | 35                        | 14      | 86     | 85                 | 1                  | -                   | -     |
| Boyle              | 895                | 593                                | 102                       | -       | 307    | 150                | 157                | 67                  | 83    |
| Bracken            | 112                | -                                  | 102                       | -       | 85     | 85                 | -                  | -                   | -     |
| Breathitt          | 530                | 87                                 | 107                       | 132     | 93     | 93                 | -                  | -                   | -     |
| Brackenridge       | 410                | 75                                 | 316                       | 11      | 168    | 153                | 15                 | 1                   | -     |
| Bullitt            | 141                | -                                  | 139                       | 1       | 80     | 80                 | -                  | -                   | -     |
| Butler             | 201                | -                                  | 125                       | 22      | 79     | 79                 | -                  | -                   | -     |
| Caldwell           | 320                | 151                                | 166                       | 3       | 122    | 109                | 13                 | -                   | 12    |
| Callaway           | 501                | 404                                | 97                        | -       | 172    | 126                | 44                 | -                   | 39    |
| Campbell           | 833                | 789                                | 64                        | -       | 686    | 471                | 215                | 13                  | 201   |
| Newport            | 33                 | -                                  | 33                        | -       | 208    | 208                | -                  | -                   | -     |
| Fort Thomas        | 1                  | -                                  | 1                         | -       | 90     | 87                 | 23                 | 1                   | 22    |
| Balance of county  | 799                | 789                                | 30                        | -       | 399    | 196                | 192                | 12                  | 179   |
| Carlisle           | 42                 | -                                  | 41                        | 1       | 65     | 65                 | -                  | -                   | -     |
| Carroll            | 147                | 2                                  | 145                       | -       | 85     | 85                 | -                  | -                   | -     |
| Carter             | 623                | 185                                | 272                       | 115     | 163    | 150                | 13                 | -                   | 13    |
| Casey              | 428                | 2                                  | 348                       | 39      | 95     | 95                 | 2                  | 2                   | -     |
| Christian          | 1,069              | 714                                | 252                       | 46      | 687    | 318                | 369                | 174                 | 194   |
| Hopkinsville       | 642                | 544                                | 71                        | 8       | 278    | 155                | 123                | -                   | 123   |
| Balance of county  | 427                | 170                                | 161                       | 38      | 409    | 163                | 246                | 174                 | 71    |
| Clark              | 447                | 280                                | 162                       | 2       | 226    | 144                | 82                 | -                   | 82    |
| Clay               | 1,122              | 855                                | 45                        | 85      | 75     | 63                 | 12                 | -                   | 12    |
| Clinton            | 322                | 124                                | 146                       | 33      | 65     | 53                 | 12                 | -                   | 12    |
| Crittenden         | 291                | 194                                | 97                        | -       | 106    | 79                 | 27                 | -                   | 27    |
| Cumberland         | 185                | -                                  | 119                       | 37      | 59     | 59                 | -                  | -                   | -     |
| Daviess            | 1,737              | 1,328                              | 381                       | 2       | 605    | 315                | 290                | 1                   | 287   |
| Owensboro          | 1,495              | 1,318                              | 169                       | 1       | 492    | 203                | 289                | -                   | 287   |
| Balance of county  | 242                | 10                                 | 212                       | 1       | 113    | 112                | 1                  | 1                   | -     |
| Edmonson           | 181                | 2                                  | 140                       | 33      | 61     | 59                 | 2                  | 1                   | -     |
| Elliott            | 180                | 1                                  | 132                       | 31      | 33     | 33                 | -                  | -                   | -     |
| Estill             | 353                | 3                                  | 246                       | 88      | 96     | 95                 | 1                  | -                   | -     |
| Fayette            | 2,740              | 2,487                              | 247                       | -       | 1,485  | 583                | 902                | 279                 | 596   |
| Lexington          | 2,663              | 2,486                              | 173                       | -       | 1,194  | 399                | 795                | 182                 | 591   |
| Balance of county  | 77                 | 1                                  | 74                        | -       | 291    | 184                | 107                | 97                  | 5     |
| Fleming            | 200                | -                                  | 179                       | 4       | 102    | 102                | -                  | -                   | -     |
| Floyd              | 1,776              | 562                                | 936                       | 192     | 293    | 220                | 73                 | -                   | 73    |
| Franklin           | 704                | 677                                | 26                        | -       | 250    | 150                | 100                | 16                  | 78    |
| Frankfort          | 687                | 676                                | 11                        | -       | 190    | 91                 | 99                 | 15                  | 78    |
| Balance of county  | 17                 | 1                                  | 15                        | -       | 60     | 59                 | 1                  | 1                   | -     |
| Fulton             | 459                | 321                                | 107                       | 22      | 187    | 109                | 78                 | -                   | 78    |
| Gallatin           | 61                 | -                                  | 59                        | 1       | 30     | 30                 | -                  | -                   | -     |
| Garrard            | 101                | -                                  | 99                        | 2       | 88     | 88                 | -                  | -                   | -     |
| Grant              | 166                | 2                                  | 164                       | -       | 81     | 81                 | -                  | -                   | -     |
| Graves             | 627                | 502                                | 118                       | 4       | 295    | 230                | 65                 | -                   | 65    |
| Grayson            | 359                | 1                                  | 316                       | 36      | 144    | 144                | -                  | -                   | -     |
| Green              | 236                | 3                                  | 219                       | 1       | 85     | 85                 | -                  | -                   | -     |
| Greenup            | 367                | -                                  | 316                       | 39      | 135    | 135                | -                  | -                   | -     |
| Hancock            | 78                 | 1                                  | 77                        | -       | 44     | 44                 | -                  | -                   | -     |
| Hardin             | 1,304              | 858                                | 440                       | 1       | 237    | 186                | 51                 | 2                   | 49    |
| Harlan             | 2,405              | 838                                | 1,503                     | 26      | 544    | 398                | 148                | -                   | 148   |
| Harrison           | 296                | 265                                | 31                        | -       | 185    | 125                | 60                 | 11                  | 44    |
| Hart               | 310                | 1                                  | 296                       | 5       | 117    | 117                | -                  | -                   | -     |
| Henderson          | 686                | 482                                | 160                       | 4       | 318    | 211                | 107                | 6                   | 74    |
| Henderson          | 584                | 482                                | 73                        | -       | 228    | 126                | 102                | -                   | 74    |
| Balance of county  | 102                | -                                  | 87                        | 4       | 90     | 85                 | 5                  | 5                   | -     |
| Henry              | 103                | 1                                  | 98                        | -       | 82     | 76                 | 6                  | 3                   | -     |
| Hickman            | 105                | 40                                 | 63                        | 2       | 74     | 62                 | 12                 | -                   | 12    |
| Hopkins            | 867                | 534                                | 321                       | 9       | 351    | 280                | 71                 | 1                   | 67    |
| Jackson            | 253                | -                                  | 158                       | 23      | 62     | 62                 | -                  | -                   | -     |
| Jefferson          | 13,197             | 12,217                             | 985                       | -       | 5,801  | 2,629              | 3,172              | 356                 | 2,766 |
| Louisville         | 12,969             | 12,211                             | 745                       | -       | 4,698  | 2,209              | 2,489              | 90                  | 2,360 |
| Balance of county  | 228                | 6                                  | 220                       | -       | 1,103  | 420                | 683                | 266                 | 408   |
| Jessamine          | 119                | -                                  | 119                       | -       | 85     | 85                 | -                  | -                   | -     |
| Johnson            | 973                | 799                                | 89                        | 43      | 197    | 131                | 66                 | -                   | 66    |
| Kenton             | 3,571              | 3,453                              | 117                       | -       | 1,316  | 621                | 695                | 31                  | 664   |
| Covington          | 3,508              | 3,452                              | 56                        | -       | 1,105  | 414                | 691                | 30                  | 661   |
| Balance of county  | 62                 | 1                                  | 61                        | -       | 211    | 207                | 4                  | 1                   | 3     |
| Knott              | 686                | 118                                | 344                       | 116     | 90     | 67                 | 23                 | -                   | 23    |
| Knox               | 856                | 119                                | 568                       | 113     | 221    | 198                | 23                 | -                   | 23    |
| Larue              | 242                | 127                                | 105                       | 6       | 101    | 101                | -                  | -                   | -     |
| Laurel             | 673                | 200                                | 374                       | 49      | 178    | 146                | 32                 | -                   | 32    |
| Lawrence           | 412                | 258                                | 69                        | 76      | 122    | 92                 | 30                 | 1                   | 29    |
| Lee                | 143                | 1                                  | 40                        | 57      | 56     | 56                 | -                  | -                   | -     |
| Leslie             | 521                | 200                                | 22                        | 147     | 72     | 52                 | 20                 | -                   | 20    |
| Letcher            | 1,451              | 184                                | 1,076                     | 179     | 297    | 246                | 51                 | -                   | 38    |
| Lewis              | 342                | 4                                  | 255                       | 40      | 116    | 115                | 1                  | 1                   | -     |
| Lincoln            | 525                | 212                                | 261                       | 52      | 158    | 144                | 14                 | -                   | 14    |
| Livingston         | 71                 | 1                                  | 60                        | 6       | 60     | 60                 | -                  | -                   | -     |
| Logan              | 497                | 228                                | 261                       | 3       | 260    | 214                | 46                 | -                   | 46    |
| Lyon               | 104                | -                                  | 99                        | 3       | 64     | 57                 | 7                  | 7                   | -     |
| McCracken          | 1,291              | 1,031                              | 257                       | 1       | 622    | 388                | 234                | 4                   | 228   |
| Paducah            | 1,180              | 1,031                              | 149                       | -       | 502    | 273                | 229                | -                   | 228   |
| Balance of county  | 111                | -                                  | 108                       | 1       | 120    | 115                | 5                  | 4                   | -     |
| McCreary           | 387                | 1                                  | 200                       | 105     | 107    | 107                | -                  | -                   | -     |
| McLain             | 147                | -                                  | 135                       | 4       | 78     | 78                 | -                  | -                   | -     |
| Madison            | 1,045              | 951                                | 71                        | 18      | 298    | 167                | 131                | 2                   | 128   |
| Magoffin           | 328                | 3                                  | 217                       | 82      | 71     | 71                 | -                  | -                   | -     |
| Marion             | 899                | 667                                | 217                       | 11      | 189    | 139                | 50                 | 4                   | 44    |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| KENTUCKY—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Marshall           | 137                | 1                                  | 132                       | -       | 101    | 101                | -                  | -                   | -     |
| Martin             | 329                | 3                                  | 206                       | 59      | 88     | 87                 | 1                  | -                   | 1     |
| Mason              | 796                | 666                                | 126                       | 1       | 275    | 152                | 123                | 10                  | 113   |
| Meade              | 154                | 43                                 | 108                       | 3       | 60     | 59                 | 1                  | 1                   | -     |
| Menifee            | 130                | 53                                 | 54                        | 11      | 39     | 33                 | 6                  | -                   | 6     |
| Mercer             | 329                | 304                                | 21                        | 3       | 136    | 93                 | 43                 | 5                   | 34    |
| Metcalfe           | 160                | -                                  | 141                       | 13      | 86     | 86                 | -                  | -                   | -     |
| Monroe             | 358                | 11                                 | 317                       | 19      | 100    | 100                | -                  | -                   | -     |
| Montgomery         | 551                | 413                                | 124                       | 9       | 124    | 88                 | 36                 | -                   | 56    |
| Morgan             | 402                | 107                                | 193                       | 64      | 102    | 95                 | 7                  | -                   | 4     |
| Muhlenberg         | 920                | 544                                | 330                       | 16      | 290    | 190                | 90                 | -                   | 90    |
| Nelson             | 424                | -                                  | 422                       | -       | 149    | 141                | 8                  | 8                   | -     |
| Nicholas           | 126                | 69                                 | 55                        | -       | 62     | 54                 | 8                  | -                   | 8     |
| Ohio               | 457                | 112                                | 335                       | 6       | 165    | 158                | 7                  | 3                   | 4     |
| Oldham             | 352                | 291                                | 56                        | 4       | 117    | 59                 | 59                 | 12                  | 44    |
| Oven               | 83                 | -                                  | 79                        | -       | 80     | 79                 | 1                  | 1                   | -     |
| Owsley             | 141                | -                                  | 11                        | 57      | 24     | 24                 | -                  | -                   | -     |
| Pendleton          | 101                | -                                  | 97                        | -       | 93     | 93                 | -                  | -                   | -     |
| Perry              | 1,605              | 363                                | 1,108                     | 156     | 326    | 189                | 137                | -                   | 137   |
| Pike               | 2,522              | 1,056                              | 901                       | 364     | 373    | 373                | 131                | 5                   | 126   |
| Powell             | 179                | 1                                  | 145                       | 17      | 43     | 43                 | -                  | -                   | -     |
| Pulaski            | 1,292              | 675                                | 526                       | 72      | 343    | 251                | 92                 | -                   | 92    |
| Robertson          | 32                 | -                                  | 31                        | -       | 31     | 31                 | -                  | -                   | -     |
| Rockcastle         | 294                | 1                                  | 189                       | 96      | 101    | 101                | -                  | -                   | -     |
| Rowan              | 259                | 2                                  | 208                       | 47      | 78     | 78                 | -                  | -                   | -     |
| Russell            | 216                | -                                  | 199                       | 7       | 74     | 73                 | 1                  | 1                   | -     |
| Scott              | 294                | 228                                | 64                        | -       | 133    | 92                 | 41                 | 1                   | 59    |
| Shelby             | 491                | 428                                | 62                        | -       | 182    | 107                | 75                 | 19                  | 55    |
| Simpson            | 292                | 208                                | 81                        | 1       | 129    | 95                 | 33                 | 2                   | 31    |
| Spencer            | 116                | 1                                  | 113                       | -       | 37     | 37                 | -                  | -                   | -     |
| Taylor             | 305                | 118                                | 177                       | 7       | 129    | 114                | 15                 | -                   | -     |
| Todd               | 173                | 2                                  | 155                       | 11      | 122    | 121                | 1                  | 1                   | -     |
| Trigg              | 193                | 113                                | 59                        | 18      | 78     | 76                 | 2                  | -                   | 2     |
| Tribble            | 58                 | -                                  | 54                        | 1       | 16     | 16                 | -                  | -                   | -     |
| Union              | 415                | 224                                | 190                       | -       | 162    | 134                | 28                 | -                   | 28    |
| Warren             | 1,035              | 781                                | 256                       | -       | 494    | 370                | 124                | 2                   | 120   |
| Bowling Green      | 855                | 758                                | 97                        | -       | 308    | 192                | 116                | -                   | 116   |
| Balance of county  | 180                | 3                                  | 159                       | -       | 186    | 178                | 8                  | 2                   | 4     |
| Washington         | 129                | -                                  | 126                       | -       | 65     | 63                 | 2                  | 2                   | -     |
| Wayne              | 478                | 1                                  | 387                       | 56      | 72     | 72                 | -                  | -                   | -     |
| Wehler             | 237                | 82                                 | 153                       | 1       | 179    | 174                | 5                  | -                   | 5     |
| Whitley            | 874                | 299                                | 508                       | 36      | 234    | 202                | 32                 | -                   | 51    |
| Wolfe              | 238                | 37                                 | 108                       | 63      | 58     | 57                 | 1                  | -                   | 1     |
| Woodford           | 268                | 255                                | 13                        | -       | 99     | 74                 | 25                 | -                   | 25    |
| LOUISIANA          | 73,039             | 56,470                             | 5,539                     | 10,980  | 23,894 | 13,728             | 10,166             | 726                 | 9,166 |
| Acadia             | 1,530              | 1,131                              | 113                       | 286     | 363    | 268                | 95                 | -                   | 95    |
| Allen              | 575                | 494                                | 38                        | 43      | 145    | 90                 | 55                 | -                   | 47    |
| Ascension          | 586                | 350                                | 124                       | 111     | 179    | 155                | 24                 | -                   | 24    |
| Assumption         | 402                | 141                                | 118                       | 143     | 149    | 136                | 13                 | -                   | 13    |
| Avoyelles          | 871                | 467                                | 106                       | 298     | 248    | 228                | 20                 | -                   | 27    |
| Beauregard         | 483                | 334                                | 106                       | 43      | 138    | 105                | 33                 | -                   | 31    |
| Bienvenue          | 295                | 60                                 | 99                        | 134     | 108    | 100                | 8                  | -                   | 8     |
| Bossier            | 528                | 361                                | 9                         | 157     | 156    | 147                | 9                  | -                   | 9     |
| Caddo              | 6,377              | 6,014                              | 48                        | 309     | 1,997  | 762                | 1,235              | 8                   | 1,159 |
| Shreveport         | 5,931              | 5,793                              | 33                        | 101     | 1,730  | 528                | 1,202              | 6                   | 1,138 |
| Balance of parish  | 446                | 221                                | 15                        | 208     | 267    | 234                | 33                 | -                   | 21    |
| Calcasieu          | 2,476              | 1,996                              | 163                       | 315     | 639    | 398                | 241                | -                   | 207   |
| Lake Charles       | 1,735              | 1,531                              | 13                        | 189     | 367    | 212                | 155                | -                   | 150   |
| Balance of parish  | 741                | 465                                | 150                       | 126     | 272    | 186                | 86                 | -                   | 57    |
| Caldwell           | 197                | 124                                | 29                        | 44      | 72     | 58                 | 14                 | -                   | 14    |
| Cameron            | 54                 | 1                                  | 51                        | 2       | 27     | 27                 | -                  | -                   | -     |
| Catahoula          | 206                | 117                                | 14                        | 75      | 81     | 5                  | 3                  | -                   | 3     |
| Claiborne          | 432                | 108                                | 34                        | 290     | 126    | 116                | 10                 | -                   | 10    |
| Concordia          | 369                | 186                                | 4                         | 178     | 141    | 114                | 27                 | -                   | 26    |
| De Soto            | 556                | 186                                | 22                        | 337     | 206    | 177                | 29                 | -                   | 14    |
| East Baton Rouge   | 4,070              | 3,255                              | 66                        | 749     | 962    | 610                | 352                | -                   | 348   |
| Baton Rouge        | 1,064              | 903                                | 7                         | 154     | 329    | 243                | 86                 | -                   | 82    |
| Balance of parish  | 3,006              | 2,352                              | 59                        | 595     | 633    | 367                | 266                | -                   | 266   |
| East Carroll       | 443                | 40                                 | 156                       | 247     | 148    | 145                | 3                  | 1                   | 2     |
| East Feliciana     | 331                | 119                                | 18                        | 194     | 462    | 88                 | 374                | 355                 | 19    |
| Evangeline         | 609                | 360                                | 98                        | 160     | 233    | 175                | 58                 | -                   | 58    |
| Franklin           | 936                | 462                                | 136                       | 338     | 199    | 146                | 53                 | -                   | 49    |
| Grant              | 58                 | -                                  | 27                        | 31      | 87     | 87                 | -                  | -                   | -     |
| Iberia             | 838                | 561                                | 191                       | 84      | 337    | 263                | 74                 | -                   | 71    |
| New Iberia         | 540                | 469                                | 32                        | 19      | 195    | 125                | 70                 | -                   | 70    |
| Balance of parish  | 298                | 72                                 | 159                       | 65      | 142    | 138                | 4                  | -                   | 1     |
| Iberville          | 716                | 403                                | 40                        | 272     | 279    | 210                | 69                 | -                   | 62    |
| Jackson            | 474                | 375                                | 32                        | 67      | 115    | 83                 | 32                 | -                   | 32    |
| Jefferson          | 343                | 131                                | 151                       | 61      | 451    | 324                | 127                | -                   | 120   |
| Gretna             | 32                 | -                                  | 18                        | 14      | 84     | 64                 | -                  | -                   | -     |
| Balance of parish  | 311                | 131                                | 133                       | 47      | 367    | 260                | 127                | -                   | 120   |
| Jefferson Davis    | 755                | 463                                | 144                       | 128     | 192    | 137                | 55                 | -                   | 54    |
| Lafayette          | 2,420              | 2,094                              | 156                       | 170     | 599    | 247                | 352                | -                   | 351   |
| Lafayette          | 2,204              | 2,063                              | 63                        | 78      | 477    | 127                | 350                | -                   | 349   |
| Balance of parish  | 216                | 31                                 | 93                        | 92      | 122    | 120                | 2                  | -                   | 2     |
| Lafourche          | 1,073              | 719                                | 120                       | 234     | 227    | 194                | 33                 | -                   | 29    |
| La Salle           | 311                | 268                                | 31                        | 12      | 92     | 73                 | 19                 | -                   | 12    |
| Lincoln            | 630                | 402                                | 48                        | 180     | 202    | 101                | 97                 | -                   | 81    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                                  | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |              |
|---------------------------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|--------------|
|                                       | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |              |
|                                       |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |              |
|                                       |                    |                                    |                           |              |               |                    | Resi- dent         | Non- resi- dent     |              |
| <b>LOUISIANA—Continued</b>            |                    |                                    |                           |              |               |                    |                    |                     |              |
| Livingston                            | 357                | 111                                | 191                       | 55           | 96            | 93                 | 5                  | -                   | 2            |
| Madison                               | 456                | 121                                | 17                        | 318          | 148           | 153                | 15                 | -                   | 15           |
| Morehouse                             | 902                | 509                                | 150                       | 243          | 226           | 167                | 59                 | -                   | 59           |
| Natchitoches                          | 961                | 426                                | 102                       | 432          | 291           | 235                | 56                 | -                   | 56           |
| Orleans, coextensive with New Orleans | 20,611             | 20,258                             | 219                       | 122          | 7,398         | 3,005              | 4,393              | 190                 | 4,171        |
| Ouachita                              | 2,703              | 2,428                              | 110                       | 165          | 892           | 306                | 586                | 10                  | 571          |
| Monroe                                | 1,433              | 1,311                              | 48                        | 74           | 417           | 162                | 255                | 8                   | 246          |
| Balance of parish                     | 1,270              | 1,117                              | 62                        | 91           | 475           | 144                | 331                | 2                   | 325          |
| Plaquemines                           | 218                | 158                                | 26                        | 54           | 48            | 45                 | 3                  | -                   | 3            |
| Pointe Coupee                         | 552                | 234                                | 124                       | 194          | 216           | 196                | 20                 | -                   | 17           |
| Rapides                               | 3,104              | 2,841                              | 62                        | 199          | 1,248         | 851                | 397                | 151                 | 696          |
| Alexandria                            | 1,344              | 1,275                              | 22                        | 47           | 401           | 195                | 206                | -                   | 205          |
| Balance of parish                     | 1,760              | 1,566                              | 40                        | 152          | 847           | 202                | 645                | 151                 | 491          |
| Red River                             | 185                | 51                                 | 34                        | 100          | 81            | 73                 | 8                  | -                   | 8            |
| Richland                              | 801                | 412                                | 230                       | 158          | 161           | 133                | 28                 | -                   | 21           |
| Sabine                                | 531                | 354                                | 76                        | 101          | 118           | 80                 | 38                 | -                   | 38           |
| St. Bernard                           | 5                  | -                                  | 1                         | 4            | 33            | 33                 | -                  | -                   | -            |
| St. Charles                           | 29                 | 2                                  | 7                         | 20           | 71            | 71                 | -                  | -                   | -            |
| St. Helena                            | 66                 | -                                  | 6                         | 60           | 40            | 40                 | -                  | -                   | -            |
| St. James                             | 386                | 56                                 | 173                       | 157          | 130           | 129                | 1                  | -                   | -            |
| St. John the Baptist                  | 172                | 1                                  | 108                       | 63           | 93            | 93                 | -                  | -                   | -            |
| St. Landry                            | 1,864              | 846                                | 250                       | 766          | 493           | 439                | 54                 | -                   | 54           |
| St. Martin                            | 585                | 387                                | 77                        | 147          | 170           | 152                | 18                 | -                   | 18           |
| St. Mary                              | 1,005              | 470                                | 248                       | 286          | 265           | 227                | 38                 | -                   | 38           |
| St. Tammany                           | 205                | 1                                  | 99                        | 103          | 191           | 186                | 5                  | 1                   | -            |
| Tangipahoa                            | 1,302              | 958                                | 158                       | 182          | 391           | 292                | 99                 | -                   | 98           |
| Tensas                                | 269                | 43                                 | 11                        | 215          | 124           | 123                | 1                  | -                   | -            |
| Terrebonne                            | 1,100              | 697                                | 71                        | 129          | 254           | 217                | 37                 | -                   | 37           |
| Union                                 | 299                | 102                                | 54                        | 132          | 109           | 103                | 6                  | -                   | -            |
| Vermilion                             | 681                | 749                                | 54                        | 78           | 224           | 175                | 49                 | -                   | 49           |
| Vernon                                | 396                | 294                                | 24                        | 68           | 121           | 79                 | 42                 | -                   | 35           |
| Washington                            | 1,144              | 671                                | 106                       | 166          | 279           | 155                | 124                | -                   | 120          |
| Bogalusa                              | 861                | 775                                | 29                        | 58           | 177           | 62                 | 115                | -                   | 113          |
| Balance of parish                     | 283                | 96                                 | 78                        | 108          | 102           | 93                 | 9                  | -                   | 7            |
| Webster                               | 1,021              | 787                                | 65                        | 169          | 255           | 179                | 76                 | -                   | 68           |
| West Baton Rouge                      | 104                | -                                  | 20                        | 84           | 96            | 95                 | 1                  | -                   | 1            |
| West Carroll                          | 355                | 105                                | 132                       | 118          | 89            | 77                 | 12                 | -                   | 8            |
| West Feliciana                        | 163                | 1                                  | 31                        | 129          | 65            | 75                 | 10                 | 10                  | -            |
| Winn                                  | 375                | 284                                | 20                        | 71           | 96            | 67                 | 9                  | -                   | 8            |
| <b>MAINE</b>                          | <b>21,698</b>      | <b>19,534</b>                      | <b>2,117</b>              | <b>6</b>     | <b>9,961</b>  | <b>5,721</b>       | <b>4,260</b>       | <b>456</b>          | <b>3,511</b> |
| Androscoggin                          | 2,173              | 2,063                              | 109                       | -            | 931           | 410                | 521                | 82                  | 403          |
| Lewiston                              | 2,003              | 1,973                              | 30                        | -            | 807           | 163                | 444                | 66                  | 377          |
| Auburn                                | 11                 | 4                                  | 7                         | -            | 167           | 95                 | 72                 | 14                  | 25           |
| Balance of county                     | 159                | 86                                 | 72                        | -            | 157           | 152                | 5                  | 2                   | 1            |
| Aroostook                             | 2,831              | 2,070                              | 777                       | -            | 759           | 499                | 260                | -                   | 258          |
| Cumberland                            | 3,964              | 3,674                              | 89                        | -            | 1,698         | 984                | 934                | 38                  | 635          |
| Portland                              | 3,147              | 3,133                              | 13                        | -            | 1,136         | 382                | 754                | 11                  | 723          |
| South Portland                        | 3                  | 1                                  | 2                         | -            | 138           | 30                 | 30                 | 5                   | 7            |
| Westbrook                             | 206                | 200                                | 6                         | -            | 84            | 64                 | 20                 | -                   | 18           |
| Balance of county                     | 608                | 540                                | 68                        | -            | 540           | 410                | 130                | 22                  | 87           |
| Franklin                              | 506                | 443                                | 61                        | -            | 206           | 164                | 42                 | -                   | 36           |
| Hancock                               | 683                | 583                                | 72                        | -            | 346           | 267                | 79                 | 1                   | 74           |
| Kennebec                              | 2,254              | 2,207                              | 46                        | -            | 1,156         | 493                | 663                | 139                 | 493          |
| Augusta                               | 750                | 748                                | 2                         | -            | 305           | 70                 | 235                | 115                 | 116          |
| Waterville                            | 1,041              | 1,030                              | 11                        | -            | 236           | 99                 | 137                | -                   | 132          |
| Balance of county                     | 463                | 429                                | 33                        | -            | 615           | 324                | 291                | 23                  | 245          |
| Knox                                  | 633                | 595                                | 37                        | -            | 342           | 229                | 113                | 23                  | 88           |
| Lincoln                               | 303                | 269                                | 33                        | -            | 247           | 156                | 91                 | 5                   | 78           |
| Oxford                                | 692                | 619                                | 71                        | -            | 399           | 255                | 134                | 3                   | 115          |
| Penobscot                             | 3,018              | 2,739                              | 275                       | -            | 1,321         | 653                | 668                | 156                 | 466          |
| Bangor                                | 1,927              | 1,892                              | 35                        | -            | 800           | 199                | 601                | 152                 | 430          |
| Balance of county                     | 1,091              | 847                                | 240                       | -            | 521           | 454                | 67                 | 4                   | 56           |
| Piscataquis                           | 468                | 438                                | 29                        | -            | 192           | 143                | 49                 | -                   | 41           |
| Sagadahoc                             | 365                | 339                                | 23                        | 1            | 198           | 123                | 75                 | 3                   | 62           |
| Bath                                  | 323                | 315                                | 8                         | -            | 128           | 56                 | 72                 | 3                   | 61           |
| Balance of county                     | 42                 | 24                                 | 15                        | 1            | 70            | 67                 | 3                  | -                   | 1            |
| Somerset                              | 740                | 655                                | 96                        | 5            | 393           | 257                | 136                | 1                   | 133          |
| Waldo                                 | 339                | 224                                | 110                       | -            | 201           | 166                | 35                 | -                   | 32           |
| Washington                            | 572                | 367                                | 197                       | -            | 420           | 323                | 97                 | -                   | 94           |
| York                                  | 1,965              | 1,869                              | 93                        | -            | 982           | 619                | 363                | 6                   | 303          |
| Biddeford                             | 931                | 879                                | 52                        | -            | 208           | 121                | 87                 | -                   | 87           |
| Balance of county                     | 1,034              | 990                                | 41                        | -            | 774           | 498                | 276                | 6                   | 216          |
| <b>MARYLAND</b>                       | <b>51,253</b>      | <b>42,511</b>                      | <b>6,556</b>              | <b>2,138</b> | <b>22,904</b> | <b>12,884</b>      | <b>10,020</b>      | <b>1,075</b>        | <b>8,671</b> |
| Allegany                              | 2,539              | 2,408                              | 148                       | -            | 967           | 494                | 473                | 31                  | 440          |
| Cumberland                            | 2,000              | 1,961                              | 39                        | -            | 611           | 208                | 403                | 23                  | 379          |
| Balance of county                     | 539                | 447                                | 109                       | 2            | 356           | 286                | 70                 | 8                   | 61           |
| Anne Arundel                          | 1,941              | 1,421                              | 327                       | 190          | 778           | 506                | 272                | 137                 | 126          |
| Annapolis                             | 1,049              | 984                                | 23                        | 41           | 212           | 97                 | 115                | -                   | 113          |
| Balance of county                     | 892                | 437                                | 304                       | 149          | 566           | 409                | 157                | 137                 | 13           |
| Baltimore                             | 968                | 7                                  | 951                       | 7            | 1,650         | 1,190              | 460                | 171                 | 288          |
| District 12 <sup>o</sup>              | 261                | -                                  | 258                       | 1            | 68            | 68                 | -                  | -                   | -            |
| District 13 <sup>o</sup>              | 18                 | 1                                  | 18                        | -            | 60            | 58                 | 2                  | 1                   | 1            |
| Balance of county                     | 689                | 6                                  | 675                       | 6            | 1,502         | 1,044              | 458                | 170                 | 287          |
| Baltimore (city)                      | 28,899             | 25,724                             | 2,540                     | 633          | 11,510        | 5,625              | 5,825              | 301                 | 5,356        |
| Calvert                               | 358                | 251                                | 47                        | 60           | 129           | 93                 | 36                 | -                   | 36           |

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891563 O—50—9

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | LIVE BIRTHS            |                                    |                           |                    | DEATHS |                    |                    |                     |        |
|---------------------------|------------------------|------------------------------------|---------------------------|--------------------|--------|--------------------|--------------------|---------------------|--------|
|                           | Total <sup>1</sup>     | Attended by—                       |                           |                    | Total  | Not in institution | In institution     |                     |        |
|                           |                        | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife            |        |                    | Total <sup>3</sup> | Type of institution |        |
|                           |                        |                                    |                           |                    |        |                    | Resi- dent         | Non- resi- dent     |        |
| MARYLAND—Continued        |                        |                                    |                           |                    |        |                    |                    |                     |        |
| Caroline                  | 172                    | 1                                  | 93                        | 77                 | 189    | 182                | 7                  | 4                   | -      |
| Carroll                   | 257                    | 2                                  | 254                       | -                  | 729    | 304                | 425                | 217                 | 197    |
| Cecil                     | 567                    | 458                                | 104                       | -                  | 568    | 191                | 177                | 89                  | 89     |
| Charles                   | 558                    | 245                                | 50                        | 260                | 144    | 120                | 24                 | -                   | 24     |
| Dorchester                | 567                    | 404                                | 58                        | 105                | 538    | 233                | 105                | 44                  | 60     |
| Cambridge                 | 486                    | 404                                | 17                        | 65                 | 170    | 105                | 65                 | 5                   | 60     |
| Balance of county         | 81                     | -                                  | 41                        | 40                 | 168    | 128                | 40                 | 39                  | -      |
| Frederick                 | 1,490                  | 1,197                              | 288                       | 4                  | 760    | 435                | 325                | 14                  | 306    |
| Frederick                 | 964                    | 943                                | 21                        | -                  | 531    | 131                | 200                | 4                   | 193    |
| Balance of county         | 528                    | 254                                | 267                       | 4                  | 429    | 304                | 125                | 10                  | 113    |
| Georgetown                | 308                    | 1                                  | 183                       | 117                | 189    | 152                | 7                  | 7                   | -      |
| Harford                   | 1,450                  | 1,285                              | 165                       | -                  | 591    | 268                | 125                | 13                  | 106    |
| Howard                    | 160                    | -                                  | 158                       | 2                  | 140    | 136                | 4                  | -                   | 4      |
| Kent                      | 345                    | 253                                | 76                        | 13                 | 168    | 144                | 24                 | 1                   | 21     |
| Montgomery                | 3,632                  | 3,419                              | 196                       | 15                 | 1,182  | 540                | 642                | -                   | 619    |
| Prince Georges            | 1,476                  | 1,270                              | 103                       | 99                 | 941    | 654                | 307                | 5                   | 301    |
| Queen Annes               | 142                    | -                                  | 109                       | 33                 | 117    | 109                | 8                  | 5                   | -      |
| St. Marys                 | 964                    | 706                                | 94                        | 161                | 171    | 132                | 39                 | -                   | 39     |
| Somerset                  | 298                    | 140                                | 59                        | 99                 | 225    | 179                | 46                 | -                   | 43     |
| Talbot                    | 690                    | 548                                | 48                        | 93                 | 273    | 161                | 112                | 2                   | 109    |
| Washington                | 1,753                  | 1,412                              | 337                       | 1                  | 837    | 515                | 322                | 30                  | 275    |
| Hagerstown                | 1,489                  | 1,393                              | 94                        | -                  | 509    | 260                | 249                | 14                  | 228    |
| Balance of county         | 264                    | 19                                 | 243                       | 1                  | 328    | 255                | 73                 | 16                  | 47     |
| Wicomico                  | 1,451                  | 1,358                              | 78                        | 13                 | 558    | 305                | 255                | 5                   | 233    |
| Salisbury                 | 1,394                  | 1,358                              | 29                        | 7                  | 386    | 139                | 247                | 5                   | 228    |
| Balance of county         | 57                     | -                                  | 49                        | 6                  | 172    | 164                | 8                  | -                   | 5      |
| Worcester                 | 250                    | 1                                  | 92                        | 154                | 180    | 180                | -                  | -                   | -      |
| MASSACHUSETTS             | 97,966                 | 96,113                             | 1,804                     | 1                  | 52,712 | 25,294             | 27,418             | 4,348               | 21,973 |
| Barnstable                | 653                    | 609                                | 44                        | -                  | 557    | 410                | 147                | 7                   | 127    |
| Berkshire                 | 3,116                  | 3,055                              | 53                        | -                  | 1,410  | 867                | 543                | 21                  | 499    |
| Pittsfield                | 1,862                  | 1,843                              | 19                        | -                  | 637    | 288                | 349                | 4                   | 339    |
| Adams (town)              | 299                    | 298                                | 1                         | -                  | 149    | 115                | 34                 | 5                   | 26     |
| North Adams               | 570                    | 551                                | 15                        | -                  | 254    | 157                | 97                 | 2                   | 89     |
| Balance of county         | 385                    | 363                                | 18                        | -                  | 370    | 307                | 63                 | 10                  | 46     |
| Bristol                   | 8,133                  | 7,637                              | 494                       | -                  | 4,509  | 2,477              | 2,032              | 562                 | 1,431  |
| Fall River                | 3,241                  | 3,004                              | 237                       | -                  | 1,510  | 714                | 796                | 201                 | 595    |
| New Bedford               | 2,093                  | 1,968                              | 124                       | -                  | 1,307  | 782                | 525                | 61                  | 455    |
| Taunton                   | 802                    | 791                                | 11                        | -                  | 639    | 242                | 417                | 277                 | 130    |
| Attleboro                 | 1,096                  | 1,045                              | 50                        | -                  | 519    | 111                | 208                | 1                   | 204    |
| Fairhaven (town)          | 16                     | -                                  | 16                        | -                  | 97     | 92                 | 5                  | 4                   | -      |
| North Attleborough (town) | 29                     | 28                                 | 1                         | -                  | 85     | 80                 | 5                  | 3                   | 2      |
| Balance of county         | 856                    | 801                                | 55                        | -                  | 532    | 456                | 76                 | 15                  | 55     |
| Dukes                     | 127                    | 126                                | 1                         | -                  | 88     | 43                 | 45                 | 4                   | 37     |
| Essex                     | 9,176                  | 8,024                              | 149                       | -                  | 5,970  | 2,979              | 2,991              | 471                 | 2,367  |
| Beverly                   | 985                    | 976                                | 7                         | -                  | 361    | 161                | 200                | 16                  | 169    |
| Haverhill                 | 1,024                  | 987                                | 37                        | -                  | 607    | 212                | 395                | 17                  | 354    |
| Lawrence                  | 2,169                  | 2,180                              | 19                        | -                  | 999    | 492                | 507                | 39                  | 463    |
| Lynn                      | ( <sup>a</sup> ) 1,470 | ( <sup>a</sup> ) 1,457             | ( <sup>a</sup> ) 13       | ( <sup>a</sup> ) - | 1,136  | 616                | 520                | 5                   | 478    |
| Salem                     | 271                    | 265                                | 6                         | -                  | 570    | 236                | 334                | 7                   | 316    |
| Amesbury (town)           | 4                      | 1                                  | 3                         | -                  | 154    | 74                 | 80                 | 18                  | 60     |
| Andover (town)            | 53                     | 52                                 | 1                         | -                  | 98     | 77                 | 21                 | 1                   | 11     |
| Danvers (town)            | 349                    | 325                                | 24                        | -                  | 353    | 57                 | 296                | 280                 | 12     |
| Gloucester                | 70                     | 68                                 | 2                         | -                  | 294    | 157                | 137                | 30                  | 108    |
| Marblehead (town)         | 621                    | 614                                | 5                         | -                  | 96     | 72                 | 24                 | -                   | 24     |
| Methuen (town)            | 451                    | 443                                | 8                         | -                  | 202    | 148                | 54                 | 28                  | 26     |
| Newburyport               | 298                    | 298                                | -                         | -                  | 220    | 86                 | 134                | 2                   | 128    |
| Peabody                   | 6                      | -                                  | 6                         | -                  | 205    | 98                 | 107                | 1                   | 96     |
| Saugus (town)             | 1                      | -                                  | 1                         | -                  | 104    | 83                 | 21                 | 1                   | 12     |
| Swampscott (town)         | 206                    | 188                                | 17                        | -                  | 65     | 65                 | -                  | -                   | -      |
| Balance of county         | 729                    | 696                                | 23                        | -                  | 506    | 345                | 161                | 38                  | 110    |
| Franklin                  | 697                    | 696                                | 1                         | -                  | 573    | 330                | 243                | 4                   | 218    |
| Greenfield (town)         | 32                     | -                                  | 22                        | -                  | 242    | 96                 | 146                | -                   | 144    |
| Balance of county         | 9,690                  | 8,587                              | 100                       | -                  | 331    | 234                | 97                 | 4                   | 74     |
| Hampden                   | 5,310                  | 5,267                              | 42                        | -                  | 3,728  | 1,962              | 1,766              | 239                 | 1,494  |
| Springfield               | 15                     | 14                                 | 1                         | -                  | 1,944  | 886                | 1,058              | 107                 | 934    |
| Chicopee                  | 2,123                  | 2,106                              | 17                        | -                  | 250    | 214                | 36                 | 33                  | 2      |
| Holyoke                   | 615                    | 611                                | 4                         | -                  | 705    | 317                | 388                | 29                  | 354    |
| Westfield                 | 6                      | -                                  | 6                         | -                  | 277    | 127                | 150                | 4                   | 145    |
| West Springfield (town)   | 621                    | 602                                | 17                        | -                  | 106    | 106                | -                  | -                   | -      |
| Balance of county         | 1,652                  | 1,621                              | 30                        | -                  | 446    | 312                | 134                | 66                  | 59     |
| Hampshire                 | 6                      | -                                  | 6                         | -                  | 1,027  | 400                | 627                | 298                 | 514    |
| Easthampton (town)        | 1,200                  | 1,185                              | 14                        | -                  | 48     | 47                 | 1                  | 1                   | -      |
| Northampton               | 446                    | 436                                | 10                        | -                  | 649    | 113                | 536                | 277                 | 255    |
| Balance of county         | 21,219                 | 20,980                             | 236                       | -                  | 330    | 240                | 90                 | 20                  | 59     |
| Middlesex                 | 3,785                  | 3,749                              | 36                        | -                  | 10,570 | 5,519              | 5,051              | 725                 | 4,048  |
| Cambridge                 | 3,063                  | 3,008                              | 55                        | -                  | 1,575  | 591                | 984                | 262                 | 713    |
| Lowell                    | 1,621                  | 1,592                              | 29                        | -                  | 1,371  | 526                | 845                | 11                  | 779    |
| Somerville                | 404                    | 398                                | 6                         | -                  | 941    | 597                | 344                | 70                  | 251    |
| Arlington (town)          | 4                      | 1                                  | 3                         | -                  | 312    | 225                | 87                 | 1                   | 85     |
| Belmont (town)            | 1,047                  | 1,040                              | 7                         | -                  | 165    | 144                | 21                 | 16                  | 2      |
| Everett                   | 1,249                  | 1,237                              | 12                        | -                  | 323    | 199                | 125                | 7                   | 121    |
| Malden                    | 1,003                  | 998                                | 5                         | -                  | 590    | 344                | 236                | 12                  | 193    |
| Medford                   | 721                    | 718                                | 3                         | -                  | 436    | 303                | 133                | 12                  | 112    |
| Melrose                   | 1,481                  | 1,479                              | 2                         | -                  | 320    | 159                | 162                | 12                  | 127    |
| Newton                    | 1,594                  | 1,588                              | 6                         | -                  | 717    | 454                | 263                | 11                  | 235    |
| Waltham                   | 7                      | -                                  | 7                         | -                  | 512    | 221                | 291                | 34                  | 251    |
| Watertown (town)          | 1,187                  | 1,177                              | 10                        | -                  | 187    | 153                | 14                 | 9                   | 4      |
| Framingham (town)         |                        |                                    |                           |                    | 548    | 164                | 394                | 8                   | 565    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                           | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                       |               |
|--------------------------------|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|-----------------------|---------------|
|                                | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                       |               |
|                                |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution   |               |
|                                |                    |                                    |                           |           |               |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |               |
| <b>MASSACHUSETTS—Continued</b> |                    |                                    |                           |           |               |                    |                    |                       |               |
| Middlesex—Continued            |                    |                                    |                           |           |               |                    |                    |                       |               |
| Lexington (town)               | 3                  | -                                  | 3                         | -         | 270           | 88                 | 162                | 175                   | 3             |
| Marlborough                    | 476                | 475                                | 1                         | -         | 197           | 102                | 95                 | 8                     | 85            |
| Ratcliff (town)                | 424                | 420                                | 4                         | -         | 171           | 86                 | 85                 | 10                    | 57            |
| Reading (town)                 | 2                  | -                                  | 2                         | -         | 120           | 102                | 18                 | -                     | 6             |
| Stoughton (town)               | 618                | 616                                | 2                         | -         | 144           | 62                 | 82                 | 1                     | 77            |
| Waverfield (town)              | 5                  | -                                  | 5                         | -         | 95            | 65                 | 10                 | 6                     | 5             |
| Winchester (town)              | 1,035              | 1,032                              | 1                         | -         | 137           | 65                 | 72                 | -                     | 69            |
| Woburn                         | 485                | 472                                | 11                        | -         | 176           | 111                | 65                 | 10                    | 50            |
| Balance of county              | 1,009              | 990                                | 26                        | -         | 1,235         | 740                | 535                | 54                    | 480           |
| Nantucket                      | 72                 | 72                                 | -                         | -         | 80            | 27                 | 25                 | 3                     | 19            |
| Norfolk                        | 6,057              | 6,002                              | 55                        | -         | 3,577         | 1,955              | 1,622              | 406                   | 1,047         |
| Brookline (town)               | 1,589              | 1,581                              | 8                         | -         | 576           | 368                | 208                | 34                    | 150           |
| Quincy                         | 1,741              | 1,741                              | 1                         | -         | 786           | 362                | 424                | 23                    | 375           |
| Braintree (town)               | 2                  | -                                  | 2                         | -         | 162           | 121                | 41                 | 2                     | 32            |
| Dedham (town)                  | 3                  | 1                                  | 2                         | -         | 115           | 103                | 12                 | -                     | 5             |
| Milton (town)                  | 81                 | 81                                 | -                         | -         | 150           | 119                | 31                 | 4                     | 26            |
| Needham (town)                 | 180                | 180                                | -                         | -         | 115           | 82                 | 33                 | 4                     | 23            |
| Norwood (town)                 | 997                | 997                                | -                         | -         | 262           | 74                 | 188                | 6                     | 153           |
| Wellesley (town)               | 5                  | -                                  | 5                         | -         | 79            | 57                 | 12                 | -                     | 10            |
| Weymouth (town)                | 1,328              | 1,327                              | 1                         | -         | 369           | 180                | 209                | 1                     | 168           |
| Balance of county              | 130                | 94                                 | 34                        | -         | 863           | 489                | 464                | 332                   | 99            |
| Plymouth                       | 3,748              | 3,635                              | 111                       | -         | 2,017         | 1,268              | 749                | 108                   | 574           |
| Brockton                       | 2,476              | 2,449                              | 27                        | -         | 780           | 376                | 404                | 9                     | 60            |
| Plymouth (town)                | 409                | 399                                | 10                        | -         | 180           | 113                | 67                 | 2                     | 50            |
| Balance of county              | 865                | 787                                | 74                        | -         | 1,057         | 779                | 278                | 97                    | 157           |
| Suffolk                        | 24,548             | 24,028                             | 516                       | 1         | 12,372        | 4,182              | 8,190              | 739                   | 7,274         |
| Boston                         | 21,238             | 20,967                             | 266                       | -         | 11,397        | 3,722              | 7,665              | 634                   | 6,688         |
| Chelsea                        | 1,546              | 1,502                              | 43                        | 1         | 547           | 185                | 364                | 96                    | 265           |
| Revere                         | 371                | 364                                | 7                         | -         | 272           | 179                | 93                 | 5                     | 61            |
| Winthrop (town)                | 1,185              | 1,185                              | -                         | -         | 166           | 98                 | 68                 | 4                     | 60            |
| Worcester                      | 11,246             | 11,043                             | 194                       | -         | 6,264         | 2,875              | 3,389              | 763                   | 2,525         |
| Worcester                      | 5,704              | 5,667                              | 33                        | -         | 2,756         | 992                | 1,764              | 322                   | 1,420         |
| Fitchburg                      | 1,178              | 1,168                              | 12                        | -         | 494           | 230                | 264                | 3                     | 253           |
| Athol (town)                   | 17                 | -                                  | 17                        | -         | 70            | 65                 | 5                  | 1                     | 64            |
| Clinton (town)                 | 417                | 413                                | 4                         | -         | 142           | 76                 | 66                 | 100                   | 138           |
| Gardner                        | 839                | 821                                | 18                        | -         | 339           | 99                 | 240                | 6                     | 108           |
| Leominster                     | 592                | 587                                | 5                         | -         | 274           | 149                | 125                | 14                    | 98            |
| Milford (town)                 | 743                | 741                                | 2                         | -         | 221           | 105                | 116                | 1                     | 32            |
| Northbridge (town)             | 334                | 330                                | 4                         | -         | 85            | 52                 | 33                 | -                     | 61            |
| Southbridge (town)             | 526                | 522                                | 4                         | -         | 147           | 85                 | 62                 | -                     | 34            |
| Webster (town)                 | 363                | 362                                | 1                         | -         | 92            | 58                 | 34                 | 315                   | 321           |
| Balance of county              | 535                | 434                                | 94                        | -         | 1,644         | 964                | 680                | -                     | -             |
| <b>MICHIGAN</b>                | <b>154,160</b>     | <b>147,671</b>                     | <b>6,272</b>              | <b>71</b> | <b>56,551</b> | <b>27,463</b>      | <b>29,088</b>      | <b>4,623</b>          | <b>23,725</b> |
| Alcona                         | 97                 | 43                                 | 53                        | -         | 36            | 34                 | 2                  | 1                     | -             |
| Alcona                         | 216                | 209                                | 6                         | -         | 76            | 44                 | 32                 | -                     | 28            |
| Alcona                         | 911                | 844                                | 63                        | -         | 471           | 307                | 164                | 47                    | 169           |
| Alcona                         | 805                | 797                                | 7                         | -         | 224           | 119                | 105                | 12                    | 93            |
| Alcona                         | 799                | 797                                | 1                         | -         | 174           | 73                 | 101                | 8                     | 93            |
| Balance of county              | 6                  | -                                  | 6                         | -         | 50            | 46                 | 4                  | -                     | -             |
| Antrim                         | 91                 | 2                                  | 87                        | 1         | 102           | 84                 | 18                 | 18                    | -             |
| Arenac                         | 254                | 222                                | 26                        | 3         | 116           | 72                 | 44                 | -                     | 43            |
| Baraga                         | 76                 | 14                                 | 58                        | -         | 75            | 56                 | 19                 | -                     | 9             |
| Barry                          | 503                | 494                                | 9                         | -         | 289           | 157                | 132                | 6                     | 104           |
| Bay                            | 2,456              | 2,287                              | 169                       | -         | 816           | 442                | 374                | 28                    | 345           |
| Bay City                       | 2,332              | 2,286                              | 46                        | -         | 654           | 290                | 364                | 18                    | 343           |
| Balance of county              | 124                | 1                                  | 123                       | -         | 162           | 152                | 10                 | 10                    | 4             |
| Benzie                         | 254                | 232                                | 22                        | -         | 82            | 61                 | 21                 | 4                     | 17            |
| Berrien                        | 2,867              | 2,664                              | 190                       | 5         | 1,130         | 636                | 494                | 23                    | 456           |
| Beaumont Harbor                | 1,314              | 1,305                              | 8                         | 1         | 288           | 97                 | 191                | -                     | 117           |
| Hiles                          | 685                | 681                                | 4                         | -         | 183           | 66                 | 117                | -                     | 117           |
| Balance of county              | 868                | 678                                | 178                       | 4         | 689           | 473                | 216                | 23                    | 178           |
| Branch                         | 620                | 597                                | 22                        | -         | 348           | 190                | 158                | 38                    | 115           |
| Calhoun                        | 3,325              | 3,284                              | 38                        | 1         | 1,375         | 592                | 783                | 180                   | 647           |
| Battle Creek                   | 2,556              | 2,540                              | 14                        | -         | 766           | 262                | 504                | 6                     | 494           |
| Balance of county              | 769                | 744                                | 24                        | 1         | 609           | 330                | 279                | 114                   | 163           |
| Cass                           | 438                | 393                                | 43                        | -         | 239           | 204                | 95                 | 10                    | 85            |
| Charlevoix                     | 263                | 217                                | 45                        | -         | 140           | 91                 | 49                 | 1                     | 46            |
| Cheboygan                      | 436                | 334                                | 100                       | -         | 172           | 118                | 54                 | 2                     | 50            |
| Chippewa                       | 961                | 843                                | 117                       | 13        | 249           | 118                | 131                | 15                    | 116           |
| Sault Ste. Marie               | 846                | 842                                | 4                         | -         | 189           | 61                 | 128                | 12                    | 116           |
| Balance of county              | 35                 | 1                                  | 13                        | 13        | 60            | 57                 | 3                  | 3                     | -             |
| Clare                          | 106                | 68                                 | 35                        | -         | 93            | 78                 | 17                 | -                     | 17            |
| Clinton                        | 561                | 525                                | 35                        | 1         | 235           | 141                | 94                 | 12                    | 78            |
| Crawford                       | 294                | 290                                | 1                         | 1         | 85            | 23                 | 62                 | -                     | 60            |
| Delta                          | 866                | 815                                | 36                        | 2         | 329           | 149                | 180                | 11                    | 165           |
| Escanaba                       | 688                | 672                                | 7                         | -         | 241           | 73                 | 165                | -                     | 165           |
| Balance of county              | 178                | 143                                | 29                        | 2         | 88            | 76                 | 15                 | 11                    | -             |
| Dickinson                      | 710                | 690                                | 18                        | 1         | 266           | 166                | 102                | 17                    | 71            |
| Iron Mountain                  | 469                | 481                                | 7                         | -         | 121           | 69                 | 52                 | 6                     | 45            |
| Balance of county              | 221                | 209                                | 11                        | 1         | 147           | 97                 | 50                 | 11                    | 26            |
| Eaton                          | 463                | 446                                | 16                        | -         | 322           | 262                | 60                 | 6                     | 48            |
| Emmet                          | 636                | 619                                | 13                        | 3         | 279           | 107                | 172                | 3                     | 158           |
| Genesee                        | 7,047              | 6,869                              | 171                       | 5         | 1,963         | 952                | 1,011              | -                     | 985           |
| Flint                          | 6,725              | 6,641                              | 78                        | 5         | 1,447         | 577                | 870                | -                     | 862           |
| Balance of county              | 322                | 228                                | 93                        | -         | 516           | 375                | 141                | -                     | 133           |
| Gladwin                        | 281                | 220                                | 39                        | 1         | 70            | 57                 | 13                 | 1                     | 11            |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| MICHIGAN—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Cogebic            | 767                | 742                                | 17                        | 2       | 336    | 166                | 170                | -                   | 170   |
| Ironwood           | 294                | 285                                | 9                         | -       | 119    | 75                 | 44                 | -                   | 44    |
| Balance of county  | 473                | 457                                | 8                         | 2       | 217    | 91                 | 126                | -                   | 126   |
| Grand Traverse     | 1,014              | 993                                | 20                        | -       | 589    | 167                | 422                | 260                 | 159   |
| Traverse City      | 952                | 949                                | 3                         | -       | 221    | 87                 | 134                | 1                   | 131   |
| Balance of county  | 62                 | 44                                 | 17                        | -       | 368    | 80                 | 288                | 259                 | 28    |
| Gratiot            | 831                | 782                                | 47                        | -       | 362    | 242                | 140                | 40                  | 98    |
| Hilledale          | 522                | 498                                | 24                        | -       | 336    | 206                | 130                | 2                   | 128   |
| Houghton           | 1,005              | 952                                | 47                        | 3       | 581    | 326                | 255                | 34                  | 221   |
| Huron              | 840                | 790                                | 50                        | -       | 283    | 191                | 92                 | 8                   | 82    |
| Ingham             | 5,290              | 5,252                              | 38                        | -       | 1,465  | 639                | 826                | 12                  | 772   |
| Lansing            | 4,920              | 4,907                              | 13                        | -       | 1,054  | 566                | 688                | 8                   | 658   |
| Balance of county  | 370                | 345                                | 25                        | -       | 411    | 273                | 138                | 4                   | 113   |
| Ionia              | 623                | 584                                | 38                        | -       | 396    | 255                | 141                | 73                  | 66    |
| Iosco              | 124                | 81                                 | 39                        | 1       | 62     | 78                 | 4                  | -                   | 4     |
| Iron               | 431                | 425                                | 6                         | -       | 170    | 88                 | 82                 | 34                  | 48    |
| Ishabella          | 789                | 759                                | 48                        | 1       | 238    | 151                | 87                 | 12                  | 74    |
| Jackson            | 2,712              | 2,666                              | 25                        | -       | 1,170  | 527                | 643                | 100                 | 540   |
| Jackson            | 2,640              | 2,630                              | 9                         | -       | 810    | 256                | 554                | 12                  | 540   |
| Balance of county  | 72                 | 56                                 | 16                        | -       | 360    | 271                | 89                 | 88                  | -     |
| Kalamazoo          | 3,182              | 3,145                              | 33                        | -       | 1,284  | 477                | 807                | 283                 | 478   |
| Kalamazoo          | 3,049              | 3,038                              | 10                        | -       | 965    | 257                | 271                | 271                 | 439   |
| Balance of county  | 133                | 107                                | 23                        | -       | 319    | 240                | 79                 | 32                  | 39    |
| Kalkaska           | 36                 | 35                                 | 1                         | -       | 32     | 32                 | -                  | -                   | -     |
| Kent               | 7,469              | 7,220                              | 247                       | -       | 2,909  | 1,459              | 1,450              | 339                 | 1,055 |
| Grand Rapids       | 5,826              | 5,756                              | 70                        | -       | 1,900  | 968                | 932                | 120                 | 762   |
| Balance of county  | 1,643              | 1,464                              | 177                       | -       | 1,009  | 491                | 518                | 219                 | 293   |
| Keweenaw           | -                  | -                                  | -                         | -       | 27     | 27                 | -                  | -                   | -     |
| Lake               | 31                 | 3                                  | 28                        | -       | 37     | 37                 | -                  | -                   | -     |
| Lapeer             | 481                | 340                                | 151                       | -       | 320    | 227                | 93                 | 71                  | 19    |
| Leelanau           | 9                  | -                                  | 7                         | -       | 62     | 57                 | 5                  | 5                   | -     |
| Lenawee            | 1,857              | 1,764                              | 92                        | -       | 618    | 371                | 247                | 24                  | 202   |
| Adrian             | 947                | 826                                | 21                        | -       | 223    | 200                | 123                | 8                   | 110   |
| Balance of county  | 910                | 838                                | 71                        | -       | 395    | 271                | 124                | 16                  | 92    |
| Livingston         | 450                | 430                                | 20                        | -       | 322    | 208                | 114                | 8                   | 94    |
| Lucas              | 244                | 241                                | 2                         | -       | 241    | 46                 | 195                | 165                 | 30    |
| Mackinac           | 89                 | 8                                  | 79                        | 1       | 62     | 62                 | -                  | -                   | -     |
| Macomb             | 2,600              | 2,405                              | 194                       | -       | 1,031  | 642                | 389                | 59                  | 297   |
| Mount Clemens      | 2,310              | 2,278                              | 32                        | -       | 362    | 102                | 260                | -                   | 276   |
| St. Clair Shores   | 15                 | 1                                  | 13                        | -       | 70     | 70                 | -                  | -                   | -     |
| Balance of county  | 275                | 126                                | 149                       | -       | 579    | 470                | 109                | 59                  | 21    |
| Manistee           | 389                | 367                                | 22                        | -       | 179    | 114                | 65                 | 65                  | 65    |
| Marquette          | 1,180              | 1,173                              | 16                        | -       | 527    | 230                | 297                | 11                  | 284   |
| Marquette          | 749                | 749                                | -                         | -       | 242    | 61                 | 181                | -                   | 180   |
| Balance of county  | 441                | 424                                | 16                        | 1       | 285    | 169                | 116                | 11                  | 104   |
| Mason              | 441                | 419                                | 21                        | 1       | 201    | 123                | 78                 | -                   | 74    |
| Mecosta            | 384                | 308                                | 55                        | -       | 215    | 133                | 82                 | 29                  | 46    |
| Memphis            | 680                | 672                                | 8                         | 1       | 262    | 117                | 145                | 6                   | 132   |
| Menominee          | 537                | 536                                | 1                         | -       | 151    | 39                 | 112                | 1                   | 105   |
| Balance of county  | 143                | 136                                | 5                         | 1       | 111    | 78                 | 33                 | 5                   | 27    |
| Midland            | 916                | 863                                | 49                        | 2       | 208    | 141                | 67                 | 1                   | 65    |
| Midland            | 868                | 861                                | 7                         | -       | 125    | 60                 | 65                 | -                   | 65    |
| Balance of county  | 48                 | 2                                  | 42                        | 2       | 83     | 81                 | 2                  | 1                   | -     |
| Missaukee          | 74                 | 2                                  | 72                        | -       | 49     | 49                 | -                  | -                   | -     |
| Monroe             | 1,534              | 1,450                              | 84                        | -       | 526    | 339                | 188                | 28                  | 155   |
| Monroe             | 1,467              | 1,450                              | 17                        | -       | 264    | 94                 | 170                | 11                  | 155   |
| Balance of county  | 67                 | -                                  | 67                        | -       | 262    | 244                | 18                 | 17                  | -     |
| Montcalm           | 1,016              | 949                                | 65                        | 1       | 329    | 230                | 99                 | 4                   | 93    |
| Montcalm           | 23                 | -                                  | 23                        | -       | 36     | 36                 | -                  | -                   | -     |
| Muskegon           | 3,408              | 3,358                              | 49                        | -       | 1,008  | 525                | 483                | 9                   | 464   |
| Muskegon           | 3,363              | 3,355                              | 8                         | -       | 699    | 244                | 455                | 6                   | 444   |
| Muskegon Heights   | 8                  | 2                                  | 6                         | -       | 69     | 67                 | 2                  | -                   | -     |
| Balance of county  | 37                 | 1                                  | 35                        | -       | 240    | 214                | 26                 | 3                   | 20    |
| Nowygo             | 607                | 529                                | 78                        | -       | 241    | 182                | 59                 | 1                   | 55    |
| Oakland            | 5,838              | 5,806                              | 328                       | 1       | 2,278  | 1,218              | 1,058              | 206                 | 839   |
| Pontiac            | 4,447              | 4,386                              | 60                        | -       | 1,023  | 272                | 751                | 194                 | 557   |
| Royal Oak          | 443                | 436                                | 7                         | -       | 176    | 128                | 48                 | -                   | 48    |
| Birmingham         | 3                  | -                                  | 3                         | -       | 42     | 42                 | -                  | -                   | -     |
| Ferndale           | 334                | 323                                | 11                        | -       | 86     | 76                 | 10                 | -                   | 10    |
| Balance of county  | 611                | 361                                | 247                       | 1       | 949    | 700                | 249                | 12                  | 224   |
| Oceana             | 421                | 402                                | 19                        | -       | 174    | 96                 | 78                 | 7                   | 68    |
| Ogemaw             | 305                | 289                                | 16                        | -       | 117    | 92                 | 25                 | 3                   | 22    |
| Ortonagon          | 174                | 135                                | 35                        | 2       | 113    | 64                 | 49                 | -                   | 49    |
| Oscoda             | 428                | 389                                | 38                        | -       | 172    | 125                | 47                 | 3                   | 42    |
| Oscoda             | 13                 | -                                  | 13                        | -       | 26     | 28                 | -                  | -                   | -     |
| Otsego             | 21                 | -                                  | 21                        | -       | 40     | 27                 | 13                 | 1                   | 12    |
| Ottawa             | 1,771              | 1,672                              | 99                        | -       | 585    | 368                | 217                | 3                   | 198   |
| Holland            | 773                | 769                                | 4                         | -       | 194    | 96                 | 98                 | -                   | 95    |
| Balance of county  | 998                | 903                                | 95                        | -       | 391    | 272                | 119                | 3                   | 103   |
| Presque Isle       | 146                | 71                                 | 75                        | -       | 71     | 71                 | -                  | -                   | -     |
| Rosecrannon        | 25                 | 14                                 | 8                         | -       | 38     | 38                 | -                  | -                   | -     |
| Saginaw            | 4,074              | 3,938                              | 131                       | -       | 1,337  | 680                | 657                | 8                   | 633   |
| Saginaw            | 3,965              | 3,936                              | 27                        | -       | 1,053  | 427                | 626                | 4                   | 610   |
| Balance of county  | 109                | 2                                  | 104                       | -       | 284    | 253                | 31                 | 4                   | 23    |
| St. Clair          | 2,074              | 1,917                              | 156                       | -       | 681    | 601                | 280                | 28                  | 242   |
| Port Huron         | 1,502              | 1,470                              | 24                        | -       | 464    | 340                | 224                | -                   | 216   |
| Balance of county  | 572                | 439                                | 132                       | -       | 417    | 361                | 56                 | 28                  | 26    |
| St. Joseph         | 1,068              | 1,037                              | 30                        | -       | 367    | 216                | 151                | 12                  | 132   |
| Sanilac            | 702                | 608                                | 94                        | -       | 261    | 219                | 62                 | 1                   | 44    |
| Schoolcraft        | 260                | 250                                | 8                         | -       | 104    | 66                 | 38                 | 3                   | 34    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                     |               |
|---------------------------|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|---------------------|---------------|
|                           | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                     |               |
|                           |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution |               |
|                           |                    |                                    |                           |           |               |                    | Resi- dent         | Non- resi- dent     |               |
| <b>MICHIGAN—Continued</b> |                    |                                    |                           |           |               |                    |                    |                     |               |
| Shiawassee                | 1,251              | 1,204                              | 47                        | -         | 471           | 295                | 176                | 18                  | 142           |
| Owasco                    | 981                | 961                                | 20                        | -         | 208           | 86                 | 122                | 1                   | 113           |
| Balance of county         | 270                | 243                                | 27                        | -         | 263           | 209                | 54                 | 17                  | 29            |
| Tuscola                   | 617                | 542                                | 75                        | 1         | 410           | 260                | 150                | 64                  | 70            |
| Van Buren                 | 677                | 646                                | 30                        | 1         | 454           | 258                | 176                | 1                   | 158           |
| Washtenaw                 | 4,280              | 4,233                              | 47                        | -         | 1,829         | 480                | 1,349              | 339                 | 999           |
| Ann Arbor                 | 2,384              | 2,382                              | 2                         | -         | 1,008         | 165                | 841                | -                   | 835           |
| Ypsilanti                 | 1,735              | 1,729                              | 4                         | -         | 211           | 71                 | 140                | -                   | 140           |
| Balance of county         | 163                | 122                                | 41                        | -         | 612           | 244                | 368                | 339                 | 24            |
| Wayne                     | 61,880             | 60,017                             | 1,821                     | 13        | 20,235        | 7,985              | 12,250             | 1,920               | 10,127        |
| Detroit                   | 48,998             | 47,664                             | 1,309                     | 6         | 15,008        | 6,322              | 8,686              | 201                 | 8,328         |
| Dearborn                  | 1,507              | 1,482                              | 14                        | -         | 357           | 274                | 83                 | -                   | 79            |
| Hamtramck                 | 1,098              | 1,058                              | 40                        | -         | 336           | 133                | 203                | -                   | 203           |
| Highland Park             | 4,536              | 4,521                              | 15                        | -         | 629           | 165                | 464                | 5                   | 459           |
| Wyandotte                 | 2,019              | 2,000                              | 18                        | -         | 407           | 145                | 262                | 1                   | 260           |
| Ecrosse                   | 74                 | 1                                  | 73                        | -         | 51            | 51                 | -                  | -                   | -             |
| Grosse Pointe Park        | 1                  | -                                  | 1                         | -         | 69            | 69                 | -                  | -                   | -             |
| Lincoln Park              | 16                 | -                                  | 16                        | -         | 50            | 50                 | -                  | -                   | -             |
| River Rouge               | 313                | 241                                | 72                        | -         | 99            | 76                 | 23                 | -                   | 23            |
| Balance of county         | 3,318              | 3,040                              | 263                       | 7         | 3,229         | 700                | 2,529              | 1,713               | 775           |
| Wexford                   | 654                | 612                                | 39                        | -         | 210           | 109                | 101                | 3                   | 98            |
| <b>MINNESOTA</b>          | <b>72,885</b>      | <b>70,670</b>                      | <b>1,874</b>              | <b>51</b> | <b>27,858</b> | <b>12,042</b>      | <b>15,816</b>      | <b>1,767</b>        | <b>13,763</b> |
| Aitkin                    | 215                | 198                                | 17                        | -         | 77            | 68                 | 9                  | -                   | 8             |
| Anoka                     | 210                | 191                                | 18                        | 1         | 215           | 128                | 85                 | 71                  | 13            |
| Becker                    | 635                | 607                                | 27                        | -         | 219           | 92                 | 127                | -                   | 126           |
| Beltrami                  | 756                | 695                                | 45                        | 16        | 240           | 119                | 121                | 1                   | 117           |
| Benton                    | 14                 | 1                                  | 13                        | -         | 56            | 50                 | 6                  | -                   | 4             |
| St. Cloud (part)          | 1                  | 1                                  | -                         | -         | 7             | 7                  | -                  | -                   | -             |
| Balance of county         | 13                 | -                                  | 13                        | -         | 49            | 43                 | 6                  | -                   | 4             |
| Big Stone                 | 442                | 424                                | 18                        | -         | 105           | 55                 | 50                 | -                   | 49            |
| Blue Earth                | 1,160              | 1,146                              | 14                        | -         | 388           | 164                | 224                | 5                   | 217           |
| Mankato                   | 1,150              | 1,145                              | 5                         | -         | 298           | 74                 | 224                | 5                   | 217           |
| Balance of county         | 10                 | 1                                  | 9                         | -         | 90            | 90                 | -                  | -                   | -             |
| Brown                     | 1,151              | 1,106                              | 23                        | -         | 333           | 120                | 213                | -                   | 213           |
| Carlton                   | 641                | 629                                | 10                        | -         | 300           | 105                | 195                | 114                 | 79            |
| Carver                    | 367                | 367                                | 7                         | -         | 162           | 95                 | 67                 | -                   | 66            |
| Cass                      | 277                | 211                                | 60                        | 3         | 174           | 94                 | 80                 | -                   | 80            |
| Chippewa                  | 384                | 380                                | 4                         | -         | 152           | 65                 | 87                 | -                   | 87            |
| Chicago                   | 247                | 245                                | 2                         | -         | 130           | 76                 | 54                 | 10                  | 42            |
| Clay                      | 471                | 442                                | 29                        | -         | 218           | 140                | 78                 | -                   | 78            |
| Clearwater                | 212                | 210                                | 1                         | -         | 69            | 31                 | 38                 | -                   | 38            |
| Cook                      | 3                  | -                                  | 3                         | -         | 21            | 21                 | -                  | -                   | -             |
| Cottonwood                | 402                | 398                                | 4                         | -         | 116           | 58                 | 57                 | -                   | 57            |
| Crow Wing                 | 938                | 897                                | 37                        | 2         | 351           | 136                | 215                | 13                  | 200           |
| Brainerd                  | 717                | 712                                | 5                         | -         | 226           | 53                 | 173                | 13                  | 159           |
| Balance of county         | 221                | 185                                | 32                        | 2         | 125           | 85                 | 42                 | -                   | 41            |
| Dakota                    | 305                | 288                                | 17                        | -         | 348           | 196                | 152                | 81                  | 71            |
| South St. Paul            | -                  | -                                  | -                         | -         | 57            | 56                 | 1                  | -                   | 1             |
| Balance of county         | 305                | 288                                | 17                        | -         | 291           | 140                | 151                | 81                  | 70            |
| Dodge                     | 123                | 89                                 | 34                        | -         | 87            | 80                 | 7                  | 2                   | 2             |
| Douglas                   | 546                | 528                                | 18                        | -         | 187           | 81                 | 106                | 10                  | 93            |
| Faribault                 | 396                | 353                                | 43                        | -         | 160           | 125                | 35                 | 2                   | 33            |
| Fillmore                  | 405                | 371                                | 34                        | -         | 167           | 124                | 43                 | -                   | 38            |
| Freeborn                  | 1,094              | 1,061                              | 31                        | -         | 286           | 155                | 131                | 6                   | 122           |
| Albert Lea                | 1,069              | 1,060                              | 9                         | -         | 196           | 68                 | 128                | 4                   | 122           |
| Balance of county         | 25                 | 1                                  | 22                        | -         | 90            | 87                 | 3                  | 2                   | -             |
| Goodhue                   | 817                | 792                                | 24                        | -         | 360           | 175                | 185                | 3                   | 182           |
| Grant                     | 15                 | 14                                 | 1                         | -         | 51            | 51                 | -                  | -                   | -             |
| Hennepin                  | 17,316             | 17,184                             | 118                       | 9         | 6,517         | 2,260              | 4,257              | 168                 | 3,998         |
| Minneapolis               | 17,097             | 16,994                             | 92                        | 7         | 5,543         | 1,968              | 3,715              | 151                 | 3,516         |
| Balance of county         | 219                | 190                                | 26                        | 2         | 934           | 392                | 542                | 37                  | 482           |
| Houston                   | 211                | 207                                | 4                         | -         | 99            | 55                 | 44                 | 1                   | 43            |
| Hubbard                   | 338                | 329                                | 6                         | -         | 114           | 54                 | 60                 | 1                   | 57            |
| Isanti                    | 140                | 129                                | 11                        | -         | 154           | 75                 | 79                 | 36                  | 40            |
| Itasca                    | 953                | 938                                | 17                        | -         | 293           | 128                | 165                | 13                  | 152           |
| Jackson                   | 274                | 259                                | 15                        | -         | 127           | 78                 | 49                 | -                   | 47            |
| Kanabec                   | 269                | 262                                | 7                         | -         | 89            | 52                 | 37                 | -                   | 37            |
| Kandiyohi                 | 837                | 832                                | 5                         | -         | 329           | 125                | 204                | 68                  | 136           |
| Kittson                   | 200                | 192                                | 8                         | -         | 74            | 30                 | 44                 | -                   | 43            |
| Koochiching               | 448                | 422                                | 17                        | 1         | 153           | 59                 | 74                 | 2                   | 60            |
| Lac qui Parle             | 229                | 226                                | 4                         | -         | 106           | 58                 | 48                 | 1                   | 42            |
| Lake                      | 107                | 105                                | 2                         | -         | 90            | 40                 | 50                 | -                   | 45            |
| Lake of the Woods         | 85                 | 67                                 | 18                        | -         | 26            | 26                 | -                  | -                   | -             |
| Le Sueur                  | 310                | 297                                | 13                        | -         | 153           | 136                | 17                 | -                   | 17            |
| Lincoln                   | 416                | 410                                | 6                         | -         | 116           | 49                 | 67                 | -                   | 65            |
| Lyon                      | 722                | 707                                | 15                        | -         | 196           | 110                | 86                 | 2                   | 84            |
| McLeod                    | 778                | 762                                | 16                        | -         | 214           | 80                 | 124                | -                   | 103           |
| Mahnomen                  | 140                | 136                                | 4                         | -         | 40            | 20                 | 20                 | -                   | 20            |
| Marshall                  | 273                | 246                                | 27                        | -         | 86            | 59                 | 27                 | -                   | 27            |
| Marshall                  | 635                | 620                                | 15                        | -         | 198           | 128                | 69                 | -                   | 68            |
| Meeker                    | 566                | 540                                | 24                        | -         | 173           | 82                 | 91                 | -                   | 91            |
| Millie Lac                | 394                | 376                                | 15                        | -         | 161           | 81                 | 80                 | 2                   | 77            |
| Morrison                  | 713                | 696                                | 9                         | 1         | 181           | 78                 | 102                | 10                  | 92            |
| Mower                     | 993                | 911                                | 62                        | -         | 288           | 168                | 120                | 7                   | 120           |
| Austin                    | 920                | 908                                | 12                        | -         | 199           | 70                 | 129                | 7                   | 119           |
| Balance of county         | 73                 | 3                                  | 70                        | -         | 99            | 88                 | 1                  | -                   | 1             |
| Murray                    | 301                | 289                                | 12                        | -         | 70            | 40                 | 30                 | -                   | 30            |
| Nicollet                  | 338                | 333                                | 5                         | -         | 361           | 61                 | 300                | 249                 | 46            |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|---------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                     | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                     |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                     |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| MINNESOTA—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Nobles              | 637                | 631                                | 6                         | -       | 147    | 62                 | 65                 | -                   | 63    |
| Moran               | 222                | -                                  | 7                         | -       | 93     | 60                 | 33                 | -                   | 33    |
| Olmsted             | 1,531              | 1,456                              | 74                        | 1       | 1,137  | 162                | 955                | 159                 | 782   |
| Rochester           | 1,446              | 1,432                              | 13                        | 1       | 1,038  | 96                 | 942                | 158                 | 777   |
| Balance of county   | 85                 | 24                                 | 61                        | -       | 99     | 86                 | 13                 | 1                   | 5     |
| Otter Tail          | 1,101              | 1,065                              | 32                        | 1       | 622    | 244                | 378                | 181                 | 190   |
| Fergus Falls        | 715                | 712                                | 1                         | -       | 375    | 53                 | 322                | 181                 | 136   |
| Balance of county   | 388                | 353                                | 31                        | 1       | 191    | 56                 | 135                | -                   | 54    |
| Pennington          | 611                | 611                                | -                         | -       | 149    | 45                 | 104                | -                   | 103   |
| Pine                | 167                | 110                                | 52                        | -       | 112    | 139                | 27                 | 1                   | 26    |
| Pipestone           | 414                | 412                                | 2                         | -       | 113    | 62                 | 51                 | -                   | 49    |
| Polk                | 905                | 876                                | 27                        | -       | 318    | 148                | 170                | 5                   | 164   |
| Pope                | 290                | 288                                | 2                         | -       | 106    | 45                 | 61                 | -                   | 61    |
| Ramsey              | 10,130             | 10,039                             | 72                        | 14      | 3,596  | 1,266              | 2,310              | 261                 | 2,025 |
| St. Paul            | 10,121             | 10,039                             | 69                        | 10      | 3,440  | 1,160              | 2,280              | 231                 | 2,025 |
| Balance of county   | 9                  | 1                                  | 3                         | 4       | 156    | 126                | 30                 | 30                  | -     |
| Red Lake            | 2                  | -                                  | 1                         | -       | 26     | 26                 | -                  | -                   | -     |
| Redwood             | 342                | 314                                | 28                        | -       | 143    | 94                 | 49                 | 18                  | 30    |
| Renville            | 47                 | 1                                  | 46                        | -       | 118    | 115                | 3                  | -                   | 2     |
| Rice                | 971                | 944                                | 27                        | -       | 355    | 147                | 208                | 71                  | 125   |
| Faribault           | 626                | 615                                | 11                        | -       | 200    | 55                 | 145                | 63                  | 77    |
| Balance of county   | 345                | 329                                | 16                        | -       | 155    | 92                 | 63                 | 8                   | 48    |
| Rock                | 281                | 278                                | 3                         | -       | 64     | 45                 | 19                 | -                   | 19    |
| Roseau              | 414                | 360                                | 52                        | -       | 142    | 68                 | 74                 | -                   | 74    |
| St. Louis           | 4,953              | 4,884                              | 60                        | 1       | 2,165  | 821                | 1,344              | 60                  | 1,275 |
| Duluth              | 3,136              | 3,119                              | 15                        | -       | 1,265  | 374                | 891                | 57                  | 827   |
| Hibbing             | 622                | 621                                | 1                         | -       | 230    | 62                 | 168                | -                   | 168   |
| Virginia            | 660                | 660                                | -                         | -       | 179    | 43                 | 136                | -                   | 136   |
| Balance of county   | 535                | 484                                | 44                        | 1       | 491    | 342                | 149                | 3                   | 144   |
| Scott               | 284                | 276                                | 8                         | -       | 109    | 80                 | 29                 | 5                   | 23    |
| Shelburne           | 72                 | 66                                 | 6                         | -       | 66     | 57                 | 9                  | 8                   | -     |
| St. Cloud (part)    | 1                  | -                                  | 1                         | -       | 14     | 7                  | 7                  | 7                   | -     |
| Balance of county   | 71                 | 66                                 | 5                         | -       | 52     | 50                 | 2                  | 1                   | -     |
| Sibley              | 198                | 177                                | 21                        | -       | 95     | 82                 | 13                 | -                   | 6     |
| Stearns             | 2,742              | 2,637                              | 102                       | -       | 651    | 281                | 370                | 45                  | 323   |
| St. Cloud (part)    | 2,075              | 2,072                              | 2                         | -       | 350    | 73                 | 277                | 6                   | 269   |
| St. Cloud (total)   | 2,077              | 2,073                              | 3                         | -       | 371    | 87                 | 284                | 13                  | 269   |
| Balance of county   | 667                | 565                                | 100                       | -       | 301    | 208                | 93                 | 39                  | 54    |
| Steele              | 545                | 536                                | 9                         | -       | 145    | 88                 | 57                 | 1                   | 54    |
| Stevens             | 315                | 306                                | 9                         | -       | 92     | 41                 | 51                 | -                   | 44    |
| Swift               | 380                | 373                                | 7                         | -       | 104    | 51                 | 53                 | -                   | 53    |
| Todd                | 562                | 508                                | 52                        | -       | 196    | 125                | 71                 | -                   | 71    |
| Traverse            | 111                | 108                                | 3                         | -       | 30     | 25                 | 5                  | -                   | 5     |
| Wabasha             | 469                | 452                                | 17                        | -       | 172    | 96                 | 76                 | -                   | 75    |
| Wadena              | 491                | 459                                | 31                        | -       | 128    | 55                 | 70                 | -                   | 70    |
| Waseca              | 324                | 319                                | 4                         | -       | 122    | 81                 | 41                 | -                   | 41    |
| Washington          | 423                | 412                                | 10                        | 1       | 258    | 133                | 105                | 11                  | 83    |
| Watson              | 288                | 285                                | 3                         | -       | 96     | 46                 | 50                 | 35                  | 15    |
| Wilkin              | 629                | 626                                | 1                         | -       | 132    | 30                 | 102                | -                   | 101   |
| Winona              | 960                | 943                                | 16                        | -       | 342    | 189                | 153                | 6                   | 136   |
| Winona              | 943                | 942                                | 1                         | -       | 268    | 118                | 150                | 6                   | 136   |
| Balance of county   | 17                 | 1                                  | 15                        | -       | 74     | 71                 | 3                  | -                   | -     |
| Wright              | 288                | 229                                | 59                        | -       | 212    | 171                | 41                 | 2                   | 34    |
| Yellow Medicine     | 572                | 564                                | 8                         | -       | 152    | 81                 | 71                 | -                   | 71    |
| MISSISSIPPI         | 765,723            | 28,378                             | 11,929                    | 12,231  | 20,043 | 14,192             | 5,851              | 514                 | 5,133 |
| Adams               | 1,057              | 826                                | 14                        | 195     | 397    | 215                | 182                | -                   | 180   |
| Natchez             | 496                | 362                                | 7                         | 95      | 224    | 150                | 74                 | -                   | 72    |
| Balance of county   | 559                | 444                                | 7                         | 100     | 173    | 65                 | 108                | -                   | 108   |
| Alcorn              | 775                | 433                                | 213                       | 37      | 244    | 173                | 73                 | 2                   | 50    |
| Anite               | 419                | 10                                 | 69                        | 218     | 132    | 129                | 3                  | -                   | 2     |
| Attala              | 869                | 461                                | 157                       | 70      | 248    | 171                | 77                 | 1                   | 72    |
| Benton              | 187                | -                                  | 46                        | 94      | 53     | 53                 | -                  | -                   | -     |
| Bolivar             | 2,278              | 706                                | 458                       | 615     | 722    | 518                | 204                | 4                   | 168   |
| Calhoun             | 593                | 295                                | 226                       | 17      | 128    | 97                 | 31                 | -                   | 26    |
| Carroll             | 352                | 1                                  | 96                        | 148     | 99     | 99                 | -                  | -                   | -     |
| Chickasaw           | 601                | 162                                | 234                       | 89      | 202    | 132                | 70                 | -                   | 70    |
| Choctaw             | 197                | -                                  | 104                       | 31      | 76     | 76                 | -                  | -                   | -     |
| Claiborne           | 285                | 7                                  | 26                        | 111     | 116    | 116                | -                  | -                   | -     |
| Clarke              | 525                | 169                                | 142                       | 91      | 172    | 142                | 30                 | -                   | 29    |
| Clay                | 595                | 206                                | 92                        | 269     | 181    | 141                | 40                 | -                   | 40    |
| Coahoma             | 1,514              | 346                                | 386                       | 348     | 458    | 428                | 30                 | 1                   | 27    |
| Clarksdale          | 565                | 346                                | 145                       | 18      | 135    | 105                | 30                 | 1                   | 27    |
| Balance of county   | 949                | -                                  | 241                       | 329     | 323    | 323                | -                  | -                   | -     |
| Copiah              | 810                | 51                                 | 428                       | 178     | 226    | 226                | 1                  | -                   | -     |
| Covington           | 261                | -                                  | 133                       | 29      | 97     | 97                 | -                  | -                   | -     |
| De Soto             | 715                | 153                                | 113                       | 299     | 171    | 171                | -                  | -                   | -     |
| Forrest             | 1,532              | 1,162                              | 136                       | 129     | 409    | 220                | 189                | -                   | 189   |
| Hattiesburg         | 1,415              | 1,181                              | 85                        | 98      | 328    | 139                | 189                | -                   | 189   |
| Balance of county   | 117                | 1                                  | 51                        | 31      | 81     | 81                 | -                  | -                   | -     |
| Franklin            | 210                | 62                                 | 22                        | 57      | 62     | 62                 | -                  | -                   | -     |
| George              | 258                | 118                                | 94                        | 20      | 55     | 48                 | 7                  | -                   | 5     |
| Greene              | 200                | -                                  | 109                       | 35      | 47     | 47                 | -                  | -                   | -     |
| Grenada             | 624                | 292                                | 28                        | 177     | 201    | 136                | 65                 | -                   | 65    |
| Hancock             | 281                | 187                                | 28                        | 32      | 109    | 85                 | 24                 | 2                   | 22    |
| Harrison            | 2,416              | 2,035                              | 78                        | 136     | 657    | 332                | 325                | 33                  | 286   |
| Biloxi              | 1,426              | 1,329                              | 11                        | 18      | 251    | 107                | 144                | 9                   | 130   |
| Gulfport            | 803                | 705                                | 12                        | 52      | 242    | 93                 | 149                | 18                  | 131   |
| Balance of county   | 187                | 1                                  | 55                        | 66      | 164    | 132                | 32                 | 6                   | 25    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                         | LIVE BIRTHS        |                                    |                           |            | DEATHS        |                    |                    |                       |               |
|------------------------------|--------------------|------------------------------------|---------------------------|------------|---------------|--------------------|--------------------|-----------------------|---------------|
|                              | Total <sup>1</sup> | Attended by—                       |                           |            | Total         | Not in institution | In institution     |                       |               |
|                              |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife    |               |                    | Total <sup>3</sup> | Type of institution   |               |
|                              |                    |                                    |                           |            |               |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |               |
| <b>MISSISSIPPI—Continued</b> |                    |                                    |                           |            |               |                    |                    |                       |               |
| Hinds                        | 4,272              | 2,497                              | 408                       | 511        | 1,469         | 729                | 739                | 7                     | 723           |
| Jackson                      | 3,158              | 2,443                              | 236                       | 181        | 1,033         | 413                | 620                | 7                     | 608           |
| Balance of county            | 1,114              | 54                                 | 172                       | 330        | 436           | 316                | 119                | -                     | 115           |
| Holmes                       | 1,106              | 139                                | 145                       | 362        | 347           | 48                 | 48                 | -                     | 46            |
| Humphreys                    | 794                | 5                                  | 144                       | 237        | 183           | 1                  | 1                  | 1                     | -             |
| Itawamba                     | 110                | -                                  | 9                         | 94         | 47            | 1                  | -                  | -                     | -             |
| Jackson                      | 313                | 66                                 | 214                       | 83         | 92            | 1                  | -                  | -                     | -             |
| Jasper                       | 920                | 619                                | 39                        | 118        | 237           | 175                | 62                 | -                     | 62            |
| Jefferson                    | 521                | 267                                | 88                        | 95         | 129           | 116                | 15                 | -                     | 6             |
| Jefferson Davis              | 241                | -                                  | 18                        | 82         | 114           | 114                | -                  | -                     | -             |
| Jones                        | 435                | -                                  | 262                       | 43         | 101           | -                  | -                  | -                     | -             |
| Laurel                       | 1,951              | 1,700                              | 56                        | 125        | 530           | 275                | 255                | 3                     | 246           |
| Balance of county            | 1,736              | 1,623                              | 10                        | 81         | 371           | 124                | 247                | -                     | 244           |
| Kemper                       | 215                | 77                                 | 45                        | 44         | 159           | 151                | 8                  | 3                     | 2             |
| Lafayette                    | 456                | -                                  | 180                       | 267        | 121           | 121                | -                  | -                     | 87            |
| Lamar                        | 692                | 346                                | 66                        | 74         | 213           | 126                | 87                 | -                     | 87            |
| Lauderdale                   | 205                | 52                                 | 90                        | 28         | 67            | 59                 | 8                  | -                     | 5             |
| Leake                        | 3,022              | 1,488                              | 95                        | 165        | 866           | 363                | 503                | 73                    | 428           |
| Meridian                     | 1,728              | 1,473                              | 29                        | 88         | 708           | 223                | 485                | 71                    | 412           |
| Balance of county            | 294                | 15                                 | 66                        | 77         | 158           | 140                | 18                 | 2                     | 15            |
| Lawrence                     | 304                | 81                                 | 36                        | 51         | 98            | 78                 | 10                 | -                     | 9             |
| Leake                        | 490                | 6                                  | 242                       | 112        | 141           | 140                | 1                  | -                     | -             |
| Lee                          | 1,149              | 714                                | 365                       | 16         | 348           | 231                | 117                | 1                     | 115           |
| Leflore                      | 1,857              | 577                                | 191                       | 848        | 544           | 428                | 116                | 2                     | 113           |
| Greenwood                    | 745                | 573                                | 2                         | 118        | 248           | 138                | 110                | -                     | 110           |
| Balance of county            | 1,112              | 4                                  | 189                       | 730        | 296           | 290                | 6                  | 2                     | 3             |
| Lincoln                      | 948                | 653                                | 67                        | 208        | 279           | 157                | 122                | -                     | 121           |
| Lowndes                      | 1,122              | 403                                | 233                       | 203        | 379           | 278                | 101                | 2                     | 96            |
| Columbus                     | 680                | 393                                | 90                        | 131        | 240           | 143                | 97                 | -                     | 96            |
| Balance of county            | 442                | 10                                 | 143                       | 72         | 139           | 135                | 4                  | 2                     | 2             |
| Madison                      | 1,192              | 234                                | 122                       | 282        | 350           | 280                | 70                 | -                     | 59            |
| Marion                       | 675                | 280                                | 121                       | 81         | 192           | 145                | 47                 | -                     | 47            |
| Marshall                     | 837                | 136                                | 131                       | 217        | 222           | 169                | 53                 | 1                     | 51            |
| Monroe                       | 1,157              | 574                                | 256                       | 142        | 325           | 235                | 89                 | 1                     | 76            |
| Montgomery                   | 396                | 141                                | 52                        | 110        | 163           | 132                | 31                 | -                     | 31            |
| Neshoba                      | 677                | 356                                | 170                       | 32         | 155           | 111                | 44                 | -                     | 40            |
| Newton                       | 785                | 545                                | 114                       | 41         | 201           | 132                | 69                 | -                     | 69            |
| Nominee                      | 704                | 126                                | 43                        | 426        | 234           | 178                | 56                 | -                     | 56            |
| Oktibbeha                    | 776                | 409                                | 54                        | 145        | 180           | 148                | 32                 | -                     | 32            |
| Panola                       | 981                | 333                                | 161                       | 254        | 265           | 255                | 10                 | -                     | 3             |
| Pearl River                  | 666                | 434                                | 203                       | 12         | 149           | 94                 | 55                 | -                     | 55            |
| Perry                        | 201                | 9                                  | 66                        | 54         | 60            | 60                 | -                  | -                     | -             |
| Pike                         | 1,254              | 711                                | 240                       | 206        | 360           | 267                | 103                | -                     | 103           |
| Pontotoc                     | 451                | 226                                | 126                       | 41         | 147           | 132                | 15                 | -                     | 15            |
| Prentiss                     | 724                | 537                                | 117                       | 20         | 162           | 89                 | 73                 | -                     | 73            |
| Quitman                      | 889                | 302                                | 215                       | 135        | 212           | 192                | 20                 | -                     | 20            |
| Rankin                       | 617                | 201                                | 122                       | 118        | 501           | 122                | 379                | 352                   | 25            |
| Scott                        | 631                | 181                                | 216                       | 115        | 164           | 138                | 26                 | -                     | 25            |
| Sharkey                      | 436                | 51                                 | 50                        | 321        | 113           | 108                | 5                  | -                     | 3             |
| Simpson                      | 708                | 500                                | 77                        | 64         | 187           | 128                | 59                 | -                     | 55            |
| Smith                        | 304                | 115                                | 121                       | 11         | 97            | 96                 | 1                  | -                     | 1             |
| Stone                        | 75                 | -                                  | 45                        | 21         | 40            | 40                 | -                  | -                     | -             |
| Sunflower                    | 1,695              | 223                                | 655                       | 224        | 427           | 375                | 52                 | 9                     | 42            |
| Tallahatchie                 | 1,030              | 145                                | 380                       | 157        | 245           | 201                | 44                 | 2                     | 41            |
| Tate                         | 495                | -                                  | 160                       | -          | 119           | 119                | -                  | -                     | -             |
| Tippah                       | 586                | 390                                | 137                       | 22         | 110           | 89                 | 21                 | -                     | 20            |
| Tishomingo                   | 319                | 1                                  | 297                       | -          | 80            | 78                 | 2                  | -                     | -             |
| Tunica                       | 678                | -                                  | 106                       | 164        | 198           | 197                | 1                  | -                     | -             |
| Union                        | 594                | 461                                | 51                        | 30         | 151           | 83                 | 68                 | -                     | 67            |
| Walthall                     | 750                | 548                                | 43                        | 61         | 133           | 75                 | 58                 | -                     | 58            |
| Warren                       | 1,297              | 885                                | 23                        | 211        | 623           | 305                | 318                | -                     | 316           |
| Vicksburg                    | 1,163              | 882                                | 18                        | 139        | 526           | 209                | 317                | -                     | 315           |
| Balance of county            | 134                | 3                                  | 5                         | 72         | 97            | 96                 | 1                  | -                     | 1             |
| Washington                   | 2,186              | 714                                | 409                       | 592        | 815           | 547                | 268                | 5                     | 233           |
| Greenville                   | 985                | 555                                | 135                       | 189        | 441           | 217                | 224                | 3                     | 212           |
| Balance of county            | 1,211              | 159                                | 274                       | 403        | 374           | 330                | 44                 | 2                     | 21            |
| Wayne                        | 487                | 240                                | 68                        | 60         | 106           | 99                 | 7                  | -                     | 4             |
| Webster                      | 236                | 109                                | 84                        | 5          | 80            | 77                 | 3                  | -                     | -             |
| Wilkinson                    | 573                | 122                                | 40                        | 302        | 172           | 124                | 52                 | -                     | 52            |
| Winston                      | 767                | 354                                | 108                       | 83         | 190           | 136                | 54                 | -                     | 43            |
| Yalobusha                    | 407                | 85                                 | 90                        | 96         | 139           | 126                | 13                 | -                     | 12            |
| Yazoo                        | 1,135              | 356                                | 100                       | 147        | 418           | 290                | 128                | 1                     | 125           |
| <b>MISSOURI</b>              | <b>86,983</b>      | <b>71,992</b>                      | <b>13,608</b>             | <b>913</b> | <b>42,892</b> | <b>22,722</b>      | <b>20,170</b>      | <b>2,129</b>          | <b>17,437</b> |
| Adair                        | 765                | 654                                | 105                       | -          | 380           | 138                | 242                | 1                     | 232           |
| Kirksville                   | 699                | 654                                | 45                        | -          | 318           | 61                 | 257                | -                     | 232           |
| Balance of county            | 66                 | -                                  | 60                        | -          | 62            | 57                 | 5                  | 1                     | -             |
| Andrew                       | 51                 | 1                                  | 30                        | -          | 108           | 100                | 8                  | -                     | 8             |
| Atchison                     | 17                 | -                                  | 17                        | -          | 56            | 56                 | -                  | -                     | -             |
| Audrain                      | 698                | 638                                | 59                        | 1          | 249           | 129                | 120                | 8                     | 105           |
| Barry                        | 594                | 503                                | 88                        | 1          | 213           | 142                | 71                 | -                     | 51            |
| Barton                       | 234                | 196                                | 38                        | -          | 120           | 123                | 5                  | 1                     | 1             |
| Bates                        | 283                | 210                                | 73                        | -          | 213           | 154                | 59                 | -                     | 57            |
| Benton                       | 119                | 94                                 | 25                        | -          | 74            | 65                 | 8                  | -                     | -             |
| Bollinger                    | 113                | -                                  | 100                       | 1          | 84            | 71                 | 13                 | 6                     | -             |
| Boone                        | 870                | 764                                | 105                       | -          | 403           | 242                | 161                | 11                    | 136           |
| Columbia                     | 800                | 761                                | 49                        | -          | 281           | 138                | 143                | -                     | 136           |
| Balance of county            | 61                 | 3                                  | 57                        | -          | 122           | 104                | 18                 | 11                    | -             |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| MISSOURI—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Buchanan           | 2,347              | 2,158                              | 188                       | 1       | 1,432  | 563                | 869                | 233                 | 594   |
| St. Joseph         | 2,313              | 2,157                              | 155                       | 1       | 1,350  | 464                | 866                | 231                 | 594   |
| Balance of county  | 34                 | 1                                  | 33                        | -       | 102    | 99                 | 3                  | 2                   | -     |
| Butler             | 1,455              | 1,056                              | 323                       | 59      | 426    | 214                | 212                | 7                   | 204   |
| Poplar Bluff       | 1,168              | 1,054                              | 102                       | 10      | 295    | 90                 | 205                | -                   | 204   |
| Balance of county  | 287                | 2                                  | 221                       | 49      | 131    | 124                | 7                  | 7                   | -     |
| Caldwell           | 142                | 84                                 | 56                        | 1       | 112    | 108                | 4                  | 2                   | -     |
| Callaway           | 343                | 241                                | 102                       | -       | 406    | 151                | 255                | 199                 | 53    |
| Camden             | 100                | 2                                  | 96                        | -       | 47     | 47                 | -                  | -                   | -     |
| Cape Girardeau     | 1,718              | 1,624                              | 83                        | 7       | 513    | 222                | 291                | 3                   | 287   |
| Cape Girardeau     | 1,645              | 1,624                              | 13                        | 6       | 585    | 95                 | 288                | -                   | 287   |
| Balance of county  | 73                 | -                                  | 70                        | 1       | 130    | 127                | 3                  | 3                   | -     |
| Carroll            | 324                | 278                                | 44                        | 2       | 191    | 137                | 54                 | -                   | 45    |
| Carter             | 48                 | -                                  | 37                        | 7       | 31     | 31                 | -                  | -                   | -     |
| Cass               | 271                | 178                                | 93                        | -       | 215    | 173                | 42                 | 7                   | 35    |
| Cedar              | 125                | 47                                 | 78                        | -       | 113    | 97                 | 16                 | 5                   | 6     |
| Chariton           | 101                | 16                                 | 84                        | -       | 150    | 143                | 7                  | 5                   | -     |
| Christian          | 140                | 57                                 | 80                        | 1       | 113    | 107                | 6                  | 2                   | 3     |
| Clark              | 39                 | -                                  | 38                        | -       | 61     | 60                 | 1                  | 1                   | -     |
| Clay               | 579                | 519                                | 60                        | -       | 416    | 251                | 165                | 40                  | 124   |
| Clinton            | 126                | 30                                 | 95                        | -       | 121    | 109                | 12                 | -                   | -     |
| Cole               | 958                | 859                                | 119                       | -       | 342    | 167                | 175                | 12                  | 163   |
| Jefferson City     | 895                | 859                                | 56                        | -       | 273    | 98                 | 175                | 12                  | 163   |
| Balance of county  | 63                 | -                                  | 63                        | -       | 69     | 69                 | -                  | -                   | -     |
| Cooper             | 464                | 437                                | 27                        | -       | 257    | 120                | 137                | 2                   | 132   |
| Crawford           | 132                | -                                  | 116                       | 3       | 84     | 94                 | -                  | -                   | -     |
| Dade               | 131                | 101                                | 29                        | -       | 95     | 77                 | 18                 | -                   | 7     |
| Dallas             | 136                | -                                  | 136                       | -       | 87     | 87                 | -                  | -                   | -     |
| Davies             | 116                | 20                                 | 96                        | -       | 114    | 106                | 6                  | 4                   | 1     |
| De Kalb            | 65                 | 1                                  | 63                        | -       | 75     | 73                 | 2                  | 1                   | -     |
| Dont               | 227                | 122                                | 75                        | 25      | 77     | 68                 | 9                  | -                   | -     |
| Douglas            | 185                | -                                  | 157                       | 4       | 69     | 69                 | -                  | -                   | -     |
| Dunklin            | 1,153              | 377                                | 739                       | 23      | 321    | 244                | 77                 | 3                   | 72    |
| Franklin           | 1,053              | 884                                | 167                       | -       | 345    | 209                | 136                | 1                   | 132   |
| Gaecomade          | 124                | 48                                 | 76                        | -       | 85     | 75                 | 10                 | -                   | 10    |
| Geny               | 117                | 32                                 | 84                        | -       | 111    | 105                | 6                  | 3                   | -     |
| Greene             | 3,267              | 3,170                              | 93                        | -       | 1,352  | 558                | 794                | 36                  | 738   |
| Springfield        | 2,828              | 2,816                              | 11                        | -       | 1,060  | 378                | 682                | 19                  | 651   |
| Balance of county  | 439                | 354                                | 82                        | -       | 292    | 180                | 112                | 17                  | 87    |
| Grundy             | 269                | 255                                | 14                        | -       | 199    | 140                | 59                 | 2                   | 57    |
| Harrison           | 274                | 178                                | 96                        | -       | 134    | 93                 | 41                 | 7                   | 28    |
| Henry              | 449                | 428                                | 17                        | 3       | 269    | 157                | 112                | 4                   | 101   |
| Hickory            | 58                 | 9                                  | 49                        | -       | 45     | 45                 | -                  | -                   | -     |
| Holt               | 53                 | 1                                  | 51                        | 1       | 86     | 80                 | 6                  | 5                   | -     |
| Howard             | 144                | 97                                 | 46                        | 1       | 127    | 87                 | 42                 | 1                   | 40    |
| Howell             | 552                | 259                                | 288                       | 8       | 215    | 173                | 42                 | 4                   | 32    |
| Iron               | 532                | 418                                | 79                        | 8       | 115    | 72                 | 43                 | 8                   | 35    |
| Jackson            | 14,045             | 13,896                             | 346                       | -       | 6,128  | 2,519              | 3,609              | 216                 | 3,329 |
| Kansas City        | 12,664             | 12,381                             | 271                       | -       | 5,404  | 2,144              | 3,260              | 140                 | 3,068 |
| Independence       | 1,205              | 1,186                              | 8                         | -       | 317    | 124                | 193                | 4                   | 182   |
| Balance of county  | 176                | 109                                | 67                        | -       | 407    | 251                | 156                | 72                  | 79    |
| Jasper             | 2,143              | 2,059                              | 81                        | -       | 1,119  | 578                | 541                | 21                  | 499   |
| Joplin (part)      | 1,445              | 1,431                              | 13                        | -       | 626    | 260                | 366                | 3                   | 351   |
| Joplin (total)     | 1,445              | 1,431                              | 13                        | -       | 628    | 261                | 367                | 3                   | 351   |
| Carthage           | 462                | 459                                | 3                         | -       | 210    | 104                | 106                | 14                  | 87    |
| Balance of county  | 236                | 169                                | 65                        | -       | 283    | 214                | 69                 | 4                   | 61    |
| Jefferson          | 299                | 4                                  | 292                       | 2       | 315    | 253                | 62                 | 20                  | 23    |
| Johnson            | 348                | 309                                | 39                        | -       | 227    | 158                | 69                 | 12                  | 56    |
| Knox               | 130                | 86                                 | 43                        | -       | 80     | 61                 | 19                 | -                   | 11    |
| Laclede            | 459                | 374                                | 84                        | -       | 174    | 98                 | 76                 | 1                   | 75    |
| Lafayette          | 354                | 212                                | 142                       | -       | 234    | 216                | 18                 | 10                  | 7     |
| Lawrence           | 340                | 258                                | 101                       | -       | 298    | 165                | 133                | 2                   | 126   |
| Lewis              | 67                 | -                                  | 67                        | -       | 78     | 77                 | 1                  | 1                   | -     |
| Lincoln            | 72                 | 2                                  | 70                        | -       | 121    | 120                | 1                  | 1                   | -     |
| Linn               | 377                | 314                                | 62                        | -       | 238    | 166                | 72                 | 6                   | 63    |
| Livingston         | 304                | 327                                | 57                        | -       | 197    | 156                | 41                 | 4                   | 36    |
| McDonald           | 148                | 60                                 | 82                        | 5       | 102    | 102                | -                  | -                   | -     |
| Macon              | 247                | 169                                | 77                        | -       | 231    | 166                | 65                 | 1                   | 58    |
| Madison            | 155                | 2                                  | 145                       | 1       | 62     | 62                 | -                  | -                   | -     |
| Marion             | 87                 | -                                  | 87                        | -       | 36     | 36                 | -                  | -                   | -     |
| Marion             | 955                | 919                                | 36                        | -       | 447    | 165                | 282                | 11                  | 270   |
| Hannibal           | 929                | 918                                | 11                        | -       | 385    | 114                | 271                | 1                   | 270   |
| Balance of county  | 26                 | 1                                  | 25                        | -       | 62     | 51                 | 11                 | 10                  | -     |
| Mercer             | 164                | 123                                | 40                        | 1       | 85     | 66                 | 19                 | -                   | 13    |
| Miller             | 284                | 133                                | 151                       | -       | 112    | 109                | 3                  | -                   | 1     |
| Mississippi        | 524                | 1                                  | 424                       | 95      | 179    | 177                | 2                  | -                   | -     |
| Moniteau           | 224                | 159                                | 65                        | -       | 135    | 107                | 28                 | -                   | 28    |
| Monroe             | 61                 | -                                  | 60                        | -       | 103    | 97                 | 6                  | 5                   | -     |
| Montgomery         | 80                 | -                                  | 79                        | -       | 120    | 116                | 4                  | 3                   | -     |
| Morgan             | 104                | 31                                 | 71                        | -       | 85     | 82                 | 3                  | -                   | -     |
| New Madrid         | 898                | 210                                | 555                       | 131     | 224    | 222                | 2                  | -                   | -     |
| Newton             | 469                | 348                                | 119                       | 2       | 245    | 159                | 87                 | -                   | 79    |
| Joplin (part)      | -                  | -                                  | -                         | -       | 2      | 1                  | -                  | -                   | -     |
| Balance of county  | 469                | 348                                | 119                       | 2       | 244    | 158                | 86                 | -                   | 79    |
| Nodaway            | 767                | 723                                | 44                        | -       | 328    | 163                | 165                | 9                   | 146   |
| Oregon             | 202                | 26                                 | 155                       | 13      | 86     | 86                 | -                  | -                   | -     |
| Osage              | 80                 | -                                  | 77                        | -       | 78     | 78                 | -                  | -                   | -     |
| Ozark              | 223                | 160                                | 42                        | 5       | 54     | 54                 | -                  | -                   | -     |
| Pemiscot           | 929                | 72                                 | 632                       | 154     | 311    | 307                | 4                  | 2                   | -     |
| Perry              | 194                | -                                  | 191                       | 1       | 94     | 92                 | 2                  | -                   | -     |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | LIVE BIRTHS        |                                    |                           |           | DEATHS       |                    |                    |                       |              |
|---------------------------|--------------------|------------------------------------|---------------------------|-----------|--------------|--------------------|--------------------|-----------------------|--------------|
|                           | Total <sup>1</sup> | Attended by—                       |                           |           | Total        | Not in institution | In institution     |                       |              |
|                           |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |              |                    | Total <sup>3</sup> | Type of institution   |              |
|                           |                    |                                    |                           |           |              |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |              |
| <b>MISSOURI—Continued</b> |                    |                                    |                           |           |              |                    |                    |                       |              |
| Pettis                    | 736                | 672                                | 64                        | -         | 394          | 250                | 144                | 3                     | 133          |
| Sedalia                   | 711                | 672                                | 39                        | -         | 311          | 171                | 140                | -                     | 133          |
| Balance of county         | 25                 | -                                  | 25                        | -         | 85           | 79                 | 4                  | 3                     | -            |
| Phelps                    | 237                | 63                                 | 163                       | 6         | 190          | 136                | 44                 | 38                    | 1            |
| Pike                      | 361                | 278                                | 78                        | 4         | 240          | 148                | 92                 | 3                     | 84           |
| Platte                    | 6                  | -                                  | 6                         | -         | 109          | 108                | 1                  | -                     | 1            |
| Folk                      | 221                | 114                                | 106                       | -         | 167          | 150                | 17                 | -                     | 13           |
| Pulaski                   | 629                | 519                                | 110                       | -         | 143          | 69                 | 74                 | -                     | 67           |
| Putnam                    | 133                | 101                                | 32                        | -         | 89           | 72                 | 17                 | 2                     | 15           |
| Ralls                     | 32                 | -                                  | 31                        | -         | 52           | 52                 | -                  | -                     | -            |
| Randolph                  | 535                | 420                                | 115                       | -         | 385          | 206                | 177                | 5                     | 163          |
| Moberly                   | 459                | 416                                | 43                        | -         | 287          | 119                | 168                | 1                     | 163          |
| Balance of county         | 76                 | 4                                  | 72                        | -         | 98           | 89                 | 9                  | 4                     | -            |
| Ray                       | 81                 | -                                  | 81                        | -         | 147          | 141                | 6                  | 6                     | -            |
| Reynolds                  | 117                | -                                  | 89                        | 15        | 52           | 51                 | 1                  | -                     | -            |
| Ripley                    | 286                | 176                                | 99                        | 1         | 86           | 75                 | 11                 | -                     | 11           |
| St. Charles               | 841                | 791                                | 49                        | 1         | 330          | 155                | 175                | 30                    | 144          |
| St. Charles               | 801                | 790                                | 11                        | -         | 216          | 66                 | 150                | 5                     | 144          |
| Balance of county         | 40                 | 1                                  | 39                        | 1         | 114          | 89                 | 25                 | 25                    | -            |
| St. Clair                 | 139                | 76                                 | 61                        | -         | 118          | 94                 | 24                 | 3                     | 21           |
| St. Francois              | 654                | 544                                | 264                       | 23        | 404          | 231                | 173                | 108                   | 65           |
| St. Louis                 | 3,606              | 3,561                              | 181                       | 55        | 2,658        | 1,290              | 1,568              | 225                   | 1,269        |
| University City           | 3                  | -                                  | 2                         | -         | 142          | 130                | 12                 | -                     | -            |
| Clayton                   | 559                | 556                                | 1                         | 2         | 379          | 78                 | 301                | 1                     | 300          |
| Kirkswood                 | 10                 | -                                  | 10                        | -         | 130          | 82                 | 48                 | 14                    | 54           |
| Maplewood                 | 2                  | -                                  | 2                         | -         | 63           | 56                 | 7                  | -                     | 7            |
| Richmond Heights          | 2,799              | 2,794                              | 5                         | -         | 330          | 59                 | 271                | -                     | 271          |
| Webster Groves            | 5                  | -                                  | 4                         | -         | 98           | 94                 | 4                  | -                     | 4            |
| Balance of county         | 428                | 211                                | 157                       | 52        | 1,716        | 791                | 925                | 198                   | 652          |
| St. Louis (city)          | 25,624             | 25,322                             | 393                       | 103       | 11,433       | 3,956              | 7,477              | 523                   | 6,923        |
| Sts. Genevieve            | 174                | -                                  | 173                       | -         | 74           | 72                 | 2                  | -                     | -            |
| Sulphur                   | 496                | 385                                | 109                       | -         | 358          | 228                | 128                | 40                    | 85           |
| Schuyler                  | 55                 | 5                                  | 45                        | -         | 50           | 48                 | 2                  | -                     | 2            |
| Scotland                  | 33                 | -                                  | 32                        | -         | 66           | 66                 | -                  | -                     | -            |
| Scott                     | 817                | 544                                | 213                       | 56        | 229          | 189                | 40                 | 1                     | 35           |
| Shannon                   | 118                | -                                  | 97                        | 9         | 43           | 43                 | -                  | -                     | -            |
| Shelby                    | 74                 | 16                                 | 58                        | -         | 106          | 90                 | 16                 | 1                     | -            |
| Stoddard                  | 569                | 73                                 | 475                       | 12        | 177          | 174                | 3                  | 2                     | -            |
| Stones                    | 105                | -                                  | 96                        | 3         | 70           | 70                 | -                  | -                     | -            |
| Sullivan                  | 104                | 38                                 | 64                        | 1         | 99           | 85                 | 14                 | 1                     | 9            |
| Taney                     | 102                | 1                                  | 86                        | 3         | 61           | 60                 | 1                  | -                     | -            |
| Texas                     | 300                | 3                                  | 277                       | 5         | 136          | 132                | 4                  | 4                     | -            |
| Vernon                    | 403                | 371                                | 31                        | -         | 461          | 193                | 268                | 170                   | 81           |
| Warren                    | 82                 | 62                                 | 20                        | -         | 89           | 70                 | 19                 | 5                     | -            |
| Washington                | 285                | 1                                  | 233                       | 42        | 118          | 118                | -                  | -                     | -            |
| Wayne                     | 119                | -                                  | 108                       | 2         | 71           | 71                 | -                  | -                     | -            |
| Webster                   | 181                | 73                                 | 104                       | 1         | 113          | 100                | 13                 | 3                     | 9            |
| Worth                     | 49                 | -                                  | 49                        | -         | 43           | 43                 | -                  | -                     | -            |
| Wright                    | 245                | -                                  | 226                       | 4         | 137          | 128                | 9                  | 5                     | -            |
| <b>MISSOURI</b>           | <b>14,795</b>      | <b>14,461</b>                      | <b>270</b>                | <b>34</b> | <b>5,849</b> | <b>2,443</b>       | <b>3,406</b>       | <b>214</b>            | <b>3,117</b> |
| <b>MONTANA</b>            |                    |                                    |                           |           |              |                    |                    |                       |              |
| Beaverhead                | 119                | 117                                | 1                         | -         | 90           | 51                 | 39                 | 9                     | 30           |
| Big Horn                  | 298                | 281                                | 9                         | 5         | 74           | 53                 | 21                 | -                     | 21           |
| Blaine                    | 129                | 111                                | 13                        | 5         | 41           | 29                 | 12                 | -                     | 12           |
| Broadwater                | 133                | 129                                | 4                         | -         | 41           | 15                 | 26                 | 2                     | 24           |
| Carbon                    | 96                 | 78                                 | 18                        | -         | 74           | 54                 | 20                 | -                     | 20           |
| Carter                    | 35                 | 32                                 | 3                         | -         | 18           | 6                  | 12                 | -                     | 12           |
| Cascade                   | 1,681              | 1,679                              | 2                         | -         | 584          | 181                | 403                | -                     | 403          |
| Great Falls               | 1,680              | 1,679                              | 1                         | -         | 538          | 135                | 403                | -                     | 403          |
| Balance of county         | 1                  | -                                  | 1                         | -         | 46           | -                  | -                  | -                     | -            |
| Chouteau                  | 78                 | 77                                 | 1                         | -         | 42           | 15                 | 27                 | -                     | 27           |
| Custer                    | 513                | 506                                | 6                         | -         | 144          | 29                 | 115                | 5                     | 109          |
| DeWells                   | 102                | 97                                 | 5                         | -         | 28           | 18                 | 10                 | -                     | 10           |
| Dawson                    | 356                | 354                                | 2                         | -         | 83           | 32                 | 51                 | -                     | 51           |
| Dear Lodge                | 358                | 358                                | -                         | -         | 137          | 55                 | 272                | 131                   | 140          |
| Anaconda                  | 357                | 357                                | -                         | -         | 138          | 49                 | 89                 | -                     | 89           |
| Balance of county         | 1                  | 1                                  | -                         | -         | 189          | 6                  | 183                | 131                   | 51           |
| Fallon                    | 86                 | 66                                 | 22                        | -         | 22           | 16                 | 6                  | -                     | 6            |
| Fergus                    | 417                | 409                                | 7                         | 1         | 173          | 50                 | 123                | 5                     | 117          |
| Flethead                  | 603                | 794                                | 9                         | -         | 289          | 144                | 145                | 2                     | 117          |
| Gallatin                  | 594                | 592                                | 2                         | -         | 186          | 73                 | 93                 | -                     | 92           |
| Garfield                  | 70                 | 70                                 | -                         | -         | 16           | 8                  | 8                  | -                     | 7            |
| Glacier                   | 291                | 277                                | 10                        | 2         | 93           | 42                 | 51                 | -                     | 51           |
| Golden Valley             | 1                  | -                                  | 1                         | -         | 8            | 8                  | -                  | -                     | -            |
| Granite                   | 34                 | 33                                 | 1                         | -         | 29           | 23                 | 6                  | -                     | -            |
| Hill                      | 626                | 618                                | 7                         | 1         | 164          | 43                 | 121                | -                     | 121          |
| Jefferson                 | 46                 | 45                                 | -                         | -         | 32           | 29                 | 3                  | 2                     | -            |
| Judith Basin              | -                  | -                                  | -                         | -         | 12           | -                  | -                  | -                     | -            |
| Lake                      | 366                | 347                                | 19                        | -         | 135          | 72                 | 63                 | -                     | 63           |
| Lewis and Clark           | 595                | 591                                | 3                         | 1         | 299          | 91                 | 208                | 4                     | 201          |
| Helena                    | 591                | 591                                | -                         | -         | 201          | 68                 | 133                | -                     | 130          |
| Balance of county         | 4                  | -                                  | 3                         | 1         | 96           | 23                 | 73                 | 4                     | 71           |
| Liberty                   | 8                  | 8                                  | -                         | -         | 8            | 6                  | 2                  | -                     | -            |
| Lincoln                   | 157                | 142                                | 15                        | -         | 59           | 42                 | 17                 | -                     | 17           |
| McCone                    | 3                  | 1                                  | 1                         | 1         | 25           | 20                 | 5                  | -                     | 5            |
| Madison                   | 61                 | 58                                 | 3                         | -         | 56           | 50                 | 6                  | 2                     | 1            |
| Moagher                   | 9                  | -                                  | 9                         | -         | 12           | 12                 | -                  | -                     | -            |
| Mineral                   | 28                 | 27                                 | 1                         | -         | 13           | 7                  | 6                  | -                     | 6            |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.--LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948--Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                             | LIVE BIRTHS        |                                    |                           |          | DEATHS        |                    |                    |                     |              |
|----------------------------------|--------------------|------------------------------------|---------------------------|----------|---------------|--------------------|--------------------|---------------------|--------------|
|                                  | Total <sup>1</sup> | Attended by--                      |                           |          | Total         | Not in institution | In institution     |                     |              |
|                                  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |               |                    | Total <sup>3</sup> | Type of institution |              |
|                                  |                    |                                    |                           |          |               |                    | Resi- dent         | Non- resi- dent     |              |
| MONTANA--Continued               |                    |                                    |                           |          |               |                    |                    |                     |              |
| Missoula                         | 1,040              | 1,036                              | 4                         | -        | 371           | 113                | 258                | -                   | 255          |
| Missoula                         | 1,040              | 1,036                              | 4                         | -        | 328           | 90                 | 248                | -                   | 245          |
| Balance of county                | -                  | -                                  | -                         | -        | 43            | 33                 | 10                 | -                   | 10           |
| Musselshell                      | 77                 | 72                                 | 5                         | -        | 49            | 28                 | 21                 | 6                   | 15           |
| Park                             | 290                | 285                                | 3                         | -        | 144           | 64                 | 80                 | -                   | 80           |
| Petroleum                        | 1                  | -                                  | 1                         | -        | 4             | 4                  | -                  | -                   | -            |
| Phillips                         | 138                | 132                                | 6                         | -        | 49            | 27                 | 22                 | -                   | 21           |
| Pondera                          | 226                | 220                                | 3                         | 3        | 56            | 27                 | 29                 | -                   | 29           |
| Powder River                     | 2                  | -                                  | 2                         | -        | 8             | 8                  | -                  | -                   | -            |
| Powell                           | 145                | 142                                | 3                         | -        | 60            | 27                 | 55                 | 10                  | 40           |
| Prairie                          | 50                 | 49                                 | -                         | 1        | 17            | 9                  | 8                  | -                   | 7            |
| Ravalli                          | 274                | 271                                | 2                         | 1        | 108           | 59                 | 49                 | -                   | 49           |
| Richland                         | 346                | 342                                | 2                         | 1        | 67            | 22                 | 45                 | -                   | 41           |
| Roosevelt                        | 311                | 298                                | 6                         | 4        | 102           | 50                 | 52                 | -                   | 44           |
| Rosebud                          | 115                | 97                                 | 8                         | 2        | 54            | 28                 | 26                 | -                   | 26           |
| Sanders                          | 49                 | 37                                 | 11                        | 1        | 52            | 42                 | 10                 | -                   | 5            |
| Sheridan                         | 120                | 119                                | 1                         | -        | 52            | 26                 | 26                 | -                   | 26           |
| Silver Bow                       | 1,066              | 1,074                              | 8                         | 1        | 652           | 254                | 398                | -                   | 397          |
| Butte                            | 1,069              | 1,060                              | 7                         | 1        | 505           | 186                | 317                | -                   | 316          |
| Balance of county                | 17                 | 14                                 | 1                         | -        | 149           | 68                 | 81                 | -                   | 81           |
| Stillwater                       | 73                 | 70                                 | 3                         | -        | 36            | 17                 | 19                 | -                   | 19           |
| Sweet Grass                      | 18                 | 12                                 | 6                         | -        | 30            | 23                 | 7                  | -                   | 7            |
| Teton                            | 8                  | 4                                  | 1                         | 3        | 25            | 17                 | 8                  | -                   | 8            |
| Toole                            | 113                | 110                                | 3                         | -        | 53            | 29                 | 24                 | -                   | 24           |
| Treasure                         | 6                  | 1                                  | 5                         | -        | 2             | 2                  | -                  | -                   | -            |
| Valley                           | 331                | 320                                | 8                         | 1        | 96            | 49                 | 47                 | -                   | 47           |
| Wheatland                        | 4                  | 1                                  | 3                         | -        | 21            | 21                 | -                  | -                   | -            |
| Wibaux                           | -                  | -                                  | -                         | -        | 6             | 6                  | -                  | -                   | -            |
| Yellowstone                      | 1,879              | 1,852                              | 24                        | -        | 558           | 205                | 353                | 36                  | 314          |
| Billings                         | 1,857              | 1,850                              | 5                         | -        | 468           | 150                | 319                | 3                   | 314          |
| Balance of county                | 22                 | 2                                  | 19                        | -        | 89            | 55                 | 34                 | 33                  | -            |
| Yellowstone National Park (part) | -                  | -                                  | -                         | -        | -             | -                  | -                  | -                   | -            |
| <b>NEBRASKA</b>                  | <b>31,079</b>      | <b>29,631</b>                      | <b>1,437</b>              | <b>1</b> | <b>12,541</b> | <b>6,392</b>       | <b>6,149</b>       | <b>587</b>          | <b>5,316</b> |
| Adams                            | 971                | 961                                | 10                        | -        | 387           | 103                | 284                | 148                 | 133          |
| Hastings                         | 962                | 959                                | 3                         | -        | 217           | 79                 | 138                | 4                   | 133          |
| Balance of county                | 9                  | 2                                  | 7                         | -        | 170           | 24                 | 146                | 144                 | -            |
| Antelope                         | 124                | 90                                 | 34                        | -        | 90            | 79                 | 11                 | -                   | 11           |
| Arthur                           | -                  | -                                  | -                         | -        | 2             | 2                  | -                  | -                   | -            |
| Banner                           | -                  | -                                  | -                         | -        | 2             | 2                  | -                  | -                   | -            |
| Blaine                           | 6                  | -                                  | 6                         | -        | 7             | 6                  | 1                  | -                   | -            |
| Boone                            | 179                | 158                                | 21                        | -        | 71            | 53                 | 18                 | 8                   | 3            |
| Box Butte                        | 490                | 479                                | 11                        | -        | 128           | 67                 | 61                 | -                   | 61           |
| Boyd                             | 129                | 123                                | 6                         | -        | 60            | 37                 | 23                 | -                   | 23           |
| Brown                            | 174                | 174                                | -                         | -        | 65            | 31                 | 34                 | 1                   | 32           |
| Buffalo                          | 824                | 789                                | 35                        | -        | 270           | 150                | 120                | 3                   | 116          |
| Burt                             | 139                | 125                                | 14                        | -        | 80            | 71                 | 9                  | 2                   | 7            |
| Butler                           | 197                | 192                                | 5                         | -        | 84            | 55                 | 29                 | 3                   | 26           |
| Cass                             | 30                 | 2                                  | 28                        | -        | 122           | 95                 | 27                 | 19                  | 1            |
| Cedar                            | 134                | 83                                 | 51                        | -        | 87            | 75                 | 12                 | -                   | 2            |
| Chase                            | 134                | 124                                | 10                        | -        | 40            | 24                 | 16                 | -                   | 16           |
| Cherry                           | 235                | 233                                | 2                         | -        | 80            | 34                 | 46                 | -                   | 46           |
| Cheyenne                         | 420                | 419                                | 1                         | -        | 77            | 27                 | 50                 | -                   | 50           |
| Clay                             | 39                 | 16                                 | 23                        | -        | 102           | 63                 | 19                 | 6                   | -            |
| Colfax                           | 5                  | -                                  | 5                         | -        | 43            | 42                 | 1                  | -                   | -            |
| Cuming                           | 332                | 328                                | 4                         | -        | 120           | 71                 | 49                 | -                   | 49           |
| Custer                           | 378                | 293                                | 85                        | -        | 152           | 97                 | 55                 | 5                   | 48           |
| Dakota                           | 4                  | 4                                  | -                         | -        | 47            | 46                 | 1                  | -                   | 1            |
| Dawes                            | 238                | 232                                | 6                         | -        | 113           | 54                 | 59                 | 1                   | 53           |
| Dawson                           | 564                | 548                                | 16                        | -        | 171           | 102                | 69                 | 2                   | 60           |
| Deuel                            | 4                  | -                                  | 4                         | -        | 13            | 12                 | 1                  | -                   | -            |
| Dixon                            | 163                | 98                                 | 65                        | -        | 60            | 55                 | 5                  | -                   | 2            |
| Dodge                            | 629                | 626                                | 3                         | -        | 250           | 136                | 114                | 10                  | 103          |
| Fremont                          | 577                | 578                                | 1                         | -        | 189           | 75                 | 114                | 10                  | 103          |
| Balance of county                | 52                 | 50                                 | 2                         | -        | 61            | 61                 | -                  | -                   | -            |
| Douglas                          | 7,394              | 7,290                              | 103                       | -        | 3,040         | 1,147              | 1,893              | 80                  | 1,769        |
| Osage                            | 7,384              | 7,290                              | 93                        | -        | 2,923         | 1,079              | 1,844              | 32                  | 1,769        |
| Balance of county                | 10                 | -                                  | 10                        | -        | 117           | 68                 | 49                 | 48                  | -            |
| Dundy                            | 136                | 132                                | 4                         | -        | 40            | 21                 | 19                 | -                   | 18           |
| Fillmore                         | 124                | 113                                | 11                        | -        | 80            | 61                 | 19                 | 1                   | 17           |
| Franklin                         | 36                 | 3                                  | 33                        | -        | 52            | 51                 | 1                  | -                   | -            |
| Frontier                         | 60                 | 15                                 | 45                        | -        | 41            | 40                 | 1                  | -                   | -            |
| Furnas                           | 121                | 117                                | 4                         | -        | 111           | 62                 | 49                 | 4                   | 39           |
| Gage                             | 676                | 665                                | 11                        | -        | 316           | 125                | 193                | 46                  | 147          |
| Beatrice                         | 601                | 601                                | -                         | -        | 187           | 59                 | 128                | -                   | 128          |
| Balance of county                | 75                 | 64                                 | 11                        | -        | 131           | 66                 | 65                 | 46                  | 19           |
| Garden                           | 125                | 123                                | 2                         | -        | 30            | 11                 | 19                 | -                   | 19           |
| Garfield                         | 125                | 119                                | 6                         | -        | 32            | 30                 | 2                  | -                   | -            |
| Gooper                           | 21                 | 20                                 | 1                         | -        | 15            | 15                 | -                  | -                   | -            |
| Grant                            | 5                  | 1                                  | 4                         | -        | 5             | 5                  | -                  | -                   | -            |
| Greely                           | 100                | 85                                 | 15                        | -        | 45            | 36                 | 9                  | -                   | 9            |
| Hall                             | 996                | 958                                | 38                        | -        | 369           | 129                | 240                | 22                  | 210          |
| Grand Island                     | 982                | 958                                | 24                        | -        | 340           | 101                | 239                | 22                  | 210          |
| Balance of county                | 14                 | -                                  | 14                        | -        | 29            | 28                 | 1                  | -                   | -            |
| Hamilton                         | 103                | 99                                 | 4                         | -        | 69            | 34                 | 35                 | 2                   | 26           |
| Harlan                           | 50                 | 41                                 | 9                         | -        | 53            | 49                 | 4                  | -                   | -            |
| Hayes                            | 5                  | -                                  | 5                         | -        | 7             | 7                  | -                  | -                   | -            |
| Hitchcock                        | 67                 | 61                                 | 6                         | -        | 34            | 25                 | 9                  | -                   | 9            |
| Holt                             | 312                | 222                                | 90                        | -        | 118           | 95                 | 23                 | -                   | 21           |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|--------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                    |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| NEBRASKA—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Hooker             | 16                 | 7                                  | 9                         | -       | 3      | 3                  | -                  | -                   | -     |
| Howard             | 124                | 122                                | 2                         | -       | 64     | 39                 | 25                 | -                   | 25    |
| Jefferson          | 322                | 312                                | 9                         | -       | 135    | 71                 | 61                 | 1                   | 60    |
| Johnson            | 118                | 112                                | 6                         | -       | 54     | 35                 | 19                 | -                   | 18    |
| Kearney            | 144                | 142                                | 2                         | -       | 85     | 33                 | 32                 | 17                  | 15    |
| Keith              | 172                | 144                                | 28                        | -       | 57     | 28                 | 29                 | -                   | 28    |
| Keya Paha          | 1                  | -                                  | -                         | -       | 4      | 4                  | -                  | -                   | -     |
| Kimball            | 114                | 107                                | 7                         | -       | 33     | 16                 | 17                 | -                   | 17    |
| Knox               | 95                 | 6                                  | 87                        | -       | 89     | 83                 | 6                  | -                   | -     |
| Lancaster          | 3,100              | 3,066                              | 34                        | -       | 1,354  | 503                | 851                | 84                  | 737   |
| Lincoln            | 3,091              | 3,066                              | 25                        | -       | 1,080  | 451                | 649                | 18                  | 611   |
| Balance of county  | 9                  | -                                  | 9                         | -       | 274    | 72                 | 202                | 76                  | 126   |
| Lincoln            | 816                | 762                                | 54                        | -       | 248    | 102                | 146                | -                   | 141   |
| North Platte       | 677                | 646                                | 31                        | -       | 182    | 60                 | 122                | -                   | 118   |
| Balance of county  | 139                | 116                                | 23                        | -       | 66     | 42                 | 24                 | -                   | 23    |
| Logan              | 10                 | -                                  | 10                        | -       | 7      | 7                  | -                  | -                   | -     |
| Loup               | 1                  | -                                  | 1                         | -       | 7      | -                  | -                  | -                   | -     |
| McPherson          | 2                  | -                                  | 2                         | -       | 5      | 5                  | -                  | -                   | -     |
| Madison            | 1,018              | 1,013                              | 5                         | -       | 358    | 156                | 202                | 83                  | 118   |
| Worfolk            | 1,009              | 1,008                              | 1                         | -       | 207    | 88                 | 119                | -                   | 118   |
| Balance of county  | 9                  | 5                                  | 4                         | -       | 151    | 68                 | 83                 | 83                  | -     |
| Merrick            | 150                | 146                                | 4                         | -       | 73     | 49                 | 24                 | -                   | 19    |
| Morrill            | 75                 | 43                                 | 32                        | -       | 36     | 35                 | 1                  | -                   | -     |
| Nance              | 139                | 134                                | 5                         | -       | 48     | 34                 | 14                 | -                   | 14    |
| Nemaha             | 176                | 169                                | 7                         | -       | 102    | 64                 | 38                 | 1                   | 37    |
| Nuckolls           | 236                | 234                                | 2                         | -       | 87     | 41                 | 46                 | -                   | 45    |
| Otoe               | 449                | 441                                | 8                         | -       | 167    | 106                | 61                 | 3                   | 54    |
| Franko             | 124                | 122                                | 2                         | -       | 80     | 55                 | 25                 | 1                   | 23    |
| Parkinson          | 69                 | 66                                 | 3                         | -       | 20     | 20                 | -                  | -                   | -     |
| Phelps             | 369                | 368                                | 1                         | -       | 117    | 48                 | 69                 | -                   | 69    |
| Pierce             | 375                | 358                                | 17                        | -       | 88     | 60                 | 28                 | 2                   | 20    |
| Platte             | 767                | 750                                | 16                        | -       | 202    | 83                 | 119                | -                   | 119   |
| Polk               | 196                | 198                                | -                         | -       | 80     | 48                 | 32                 | -                   | 30    |
| Red Willow         | 594                | 570                                | 24                        | -       | 165    | 65                 | 100                | -                   | 100   |
| Richardson         | 407                | 394                                | 13                        | -       | 162    | 100                | 62                 | 1                   | 59    |
| Rock               | 48                 | 48                                 | -                         | -       | 19     | 7                  | -                  | -                   | 7     |
| Saline             | 151                | 150                                | 21                        | -       | 115    | 61                 | 54                 | 3                   | 26    |
| Sarpy              | 178                | 173                                | 5                         | -       | 55     | 51                 | 4                  | 1                   | 3     |
| Saundera           | 136                | 129                                | 7                         | -       | 130    | 98                 | 32                 | 2                   | 30    |
| Scotts Bluff       | 1,208              | 1,166                              | 40                        | -       | 271    | 108                | 166                | -                   | 164   |
| Scottsbluff        | 1,169              | 1,160                              | 9                         | -       | 211    | 46                 | 165                | -                   | 164   |
| Balance of county  | 39                 | 6                                  | 31                        | -       | 60     | 59                 | 1                  | -                   | -     |
| Seward             | 262                | 253                                | 9                         | -       | 100    | 82                 | 18                 | -                   | 13    |
| Sheridan           | 286                | 284                                | 2                         | -       | 71     | 41                 | 30                 | -                   | 28    |
| Sherman            | 227                | 220                                | 7                         | -       | 57     | 29                 | 28                 | -                   | 8     |
| Sioux              | 2                  | -                                  | 2                         | -       | 10     | 10                 | -                  | -                   | -     |
| Stanton            | 11                 | -                                  | 11                        | -       | 33     | 33                 | -                  | -                   | -     |
| Thayer             | 141                | 116                                | 25                        | -       | 80     | 66                 | 14                 | 4                   | 2     |
| Thomas             | 5                  | -                                  | 5                         | -       | 4      | -                  | -                  | -                   | -     |
| Thurston           | 246                | 235                                | 8                         | 1       | 73     | 50                 | 23                 | -                   | 23    |
| Valley             | 128                | 92                                 | 36                        | -       | 63     | 39                 | 24                 | -                   | 24    |
| Washington         | 175                | 172                                | 3                         | -       | 74     | 53                 | 21                 | 2                   | 17    |
| Wayne              | 173                | 164                                | 9                         | -       | 75     | 55                 | 20                 | -                   | 14    |
| Webster            | 146                | 134                                | 12                        | -       | 78     | 59                 | 19                 | -                   | 19    |
| Wheeler            | 2                  | -                                  | 2                         | -       | 9      | -                  | -                  | -                   | -     |
| York               | 377                | 374                                | 3                         | -       | 132    | 60                 | 72                 | 9                   | 65    |
| NEVADA             | 3,752              | 3,673                              | 64                        | 2       | 1,680  | 706                | 974                | 36                  | 835   |
| Churchill          | 92                 | 90                                 | 1                         | -       | 63     | 28                 | 35                 | -                   | 35    |
| Clark              | 1,069              | 1,043                              | 24                        | -       | 374    | 143                | 231                | -                   | 229   |
| Douglas            | 26                 | 23                                 | 3                         | -       | 15     | 15                 | -                  | -                   | -     |
| Elko               | 288                | 280                                | 7                         | 1       | 130    | 69                 | 61                 | 2                   | 59    |
| Emeralda           | -                  | -                                  | -                         | -       | 6      | 6                  | 2                  | 2                   | -     |
| Eureka             | -                  | -                                  | -                         | -       | 13     | 11                 | 2                  | -                   | 2     |
| Humboldt           | 142                | 136                                | -                         | -       | 82     | 28                 | 54                 | -                   | 34    |
| Lander             | 5                  | 4                                  | 1                         | -       | 20     | 18                 | 2                  | -                   | 2     |
| Lincoln            | 86                 | 85                                 | 1                         | -       | 31     | 13                 | 18                 | -                   | 18    |
| Lyon               | 53                 | 40                                 | 12                        | 1       | 42     | 29                 | 13                 | -                   | 12    |
| Mineral            | 208                | 208                                | -                         | -       | 61     | 28                 | 35                 | -                   | 35    |
| Nye                | 22                 | 21                                 | 1                         | -       | 58     | 33                 | 26                 | -                   | 26    |
| Ormsby             | 4                  | -                                  | 4                         | -       | 22     | 20                 | 2                  | 2                   | -     |
| Pershing           | 42                 | 42                                 | -                         | -       | 41     | 18                 | 23                 | -                   | 23    |
| Storey             | -                  | -                                  | -                         | -       | 6      | 6                  | -                  | -                   | -     |
| Washoe             | 1,397              | 1,391                              | 2                         | -       | 638    | 201                | 437                | 30                  | 407   |
| Reno               | 1,391              | 1,389                              | 2                         | -       | 564    | 157                | 407                | -                   | 407   |
| Balance of county  | 6                  | 2                                  | -                         | -       | 74     | 44                 | 30                 | 30                  | -     |
| White Pine         | 318                | 310                                | 8                         | -       | 95     | 42                 | 53                 | -                   | 53    |
| NEW HAMPSHIRE      | 12,783             | 12,570                             | 207                       | -       | 6,197  | 2,953              | 3,244              | 591                 | 2,524 |
| Bellmap            | 692                | 689                                | 3                         | -       | 333    | 156                | 177                | 26                  | 146   |
| Leconia            | 689                | 689                                | -                         | -       | 248    | 72                 | 176                | 25                  | 146   |
| Balance of county  | 3                  | -                                  | 3                         | -       | 85     | 84                 | 1                  | 1                   | -     |
| Carrroll           | 405                | 405                                | 3                         | -       | 219    | 117                | 102                | 7                   | 95    |
| Cheshire           | 694                | 665                                | 29                        | -       | 372    | 215                | 157                | 24                  | 119   |
| Kenna              | 665                | 664                                | 1                         | -       | 319    | 97                 | 122                | 1                   | 117   |
| Balance of county  | 29                 | 1                                  | 28                        | -       | 153    | 118                | 35                 | 25                  | 2     |
| Coos               | 848                | 810                                | 38                        | -       | 370    | 174                | 196                | 3                   | 142   |
| Berlin             | 484                | 482                                | 2                         | -       | 173    | 68                 | 107                | 2                   | 105   |
| Balance of county  | 364                | 328                                | 36                        | -       | 185    | 106                | 89                 | 1                   | 39    |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                             | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |        |
|----------------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|--------|
|                                  | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |        |
|                                  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |        |
|                                  |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |        |
| NEW HAMPSHIRE—Continued          |                    |                                    |                           |         |        |                    |                    |                     |        |
| Grafton                          | 1,591              | 1,592                              | 36                        | -       | 606    | 273                | 333                | 4                   | 323    |
| Hillsborough                     | 3,989              | 3,988                              | 20                        | -       | 1,728  | 847                | 881                | 76                  | 793    |
| Manchester                       | 2,278              | 2,271                              | 7                         | -       | 823    | 438                | 385                | 28                  | 352    |
| Mashus                           | 1,227              | 1,227                              | -                         | -       | 438    | 173                | 265                | 14                  | 249    |
| Balance of county                | 484                | 470                                | 13                        | -       | 467    | 236                | 231                | 34                  | 192    |
| Merrimack                        | 1,315              | 1,279                              | 35                        | -       | 1,064  | 342                | 722                | 377                 | 330    |
| Concord                          | 875                | 871                                | 3                         | -       | 709    | 132                | 577                | 370                 | 206    |
| Balance of county                | 440                | 408                                | 32                        | -       | 355    | 210                | 145                | 7                   | 124    |
| Rockingham                       | 1,478              | 1,464                              | 14                        | -       | 755    | 413                | 342                | 37                  | 296    |
| Portsmouth                       | 689                | 689                                | -                         | -       | 235    | 97                 | 136                | 13                  | 121    |
| Balance of county                | 799                | 775                                | 14                        | -       | 522    | 316                | 206                | 24                  | 175    |
| Strafford                        | 1,231              | 1,210                              | 21                        | -       | 506    | 282                | 224                | 19                  | 193    |
| Dover                            | 452                | 451                                | 1                         | -       | 215    | 84                 | 131                | 19                  | 101    |
| Rochester                        | 762                | 759                                | 3                         | -       | 169    | 76                 | 93                 | -                   | 92     |
| Balance of county                | 17                 | -                                  | 17                        | -       | 122    | -                  | -                  | -                   | -      |
| Sullivan                         | 536                | 528                                | 8                         | -       | 244    | 134                | 110                | 18                  | 89     |
| Claremont (town)                 | 395                | 392                                | 3                         | -       | 120    | 60                 | 60                 | -                   | 60     |
| Balance of county                | 141                | 136                                | 5                         | -       | 124    | 74                 | 50                 | 18                  | 29     |
| NEW JERSEY                       | 94,714             | 91,630                             | 2,650                     | 388     | 47,512 | 24,167             | 23,345             | 3,194               | 19,707 |
| Atlantic                         | 2,526              | 2,335                              | 180                       | 11      | 1,908  | 1,094              | 814                | 89                  | 713    |
| Atlantic City                    | 1,688              | 1,655                              | 31                        | 2       | 1,100  | 542                | 558                | 3                   | 553    |
| Pleasantville                    | 64                 | 33                                 | 31                        | -       | 96     | 96                 | -                  | -                   | -      |
| Balance of county                | 774                | 647                                | 118                       | 9       | 712    | 456                | 256                | 86                  | 160    |
| Bergen                           | 5,907              | 5,838                              | 58                        | 11      | 3,669  | 2,303              | 1,366              | 170                 | 1,175  |
| Garfield                         | 6                  | -                                  | 3                         | 3       | 105    | 105                | -                  | -                   | -      |
| Hudson                           | 2,247              | 2,242                              | 4                         | 1       | 606    | 121                | 485                | 2                   | 483    |
| Teaneck (twp.) <sup>6</sup>      | 1,679              | 1,673                              | 5                         | 1       | 323    | 135                | 188                | 12                  | 176    |
| Bergenfield                      | 1                  | -                                  | 1                         | -       | 71     | 71                 | -                  | -                   | -      |
| Cliffside Park                   | 2                  | -                                  | 2                         | -       | 86     | 86                 | -                  | -                   | -      |
| Englewood                        | 1,840              | 1,840                              | -                         | -       | 418    | 109                | 309                | -                   | 305    |
| Lodi                             | 4                  | -                                  | 1                         | 3       | 53     | 53                 | -                  | -                   | -      |
| Lynhurst (twp.) <sup>6</sup>     | 3                  | -                                  | 3                         | -       | 91     | 91                 | -                  | -                   | -      |
| Ridgefield Park                  | -                  | -                                  | -                         | -       | 74     | 74                 | -                  | -                   | -      |
| Ridgewood                        | 2                  | -                                  | 2                         | -       | 119    | 111                | 8                  | 8                   | -      |
| Rutherford                       | 3                  | -                                  | 3                         | -       | 109    | 108                | 1                  | -                   | -      |
| Balance of county                | 120                | 83                                 | 34                        | 3       | 1,239  | 375                | 864                | 148                 | 211    |
| Burlington                       | 2,127              | 1,924                              | 195                       | 7       | 1,178  | 730                | 448                | 118                 | 301    |
| Burlington                       | 59                 | 24                                 | 34                        | 1       | 119    | 99                 | 20                 | 5                   | 2      |
| Balance of county                | 2,068              | 1,900                              | 161                       | 6       | 1,059  | 631                | 428                | 113                 | 299    |
| Camden                           | 5,979              | 5,491                              | 394                       | 75      | 2,988  | 1,662              | 1,326              | 88                  | 1,220  |
| Camden                           | 5,577              | 5,296                              | 205                       | 60      | 1,692  | 777                | 915                | 1                   | 914    |
| Collingswood                     | 61                 | 58                                 | 3                         | -       | 85     | 84                 | 11                 | 9                   | -      |
| Gloucester City                  | 13                 | -                                  | 11                        | 2       | 84     | 64                 | -                  | -                   | -      |
| Pennsauken (twp.) <sup>6</sup>   | 31                 | -                                  | 29                        | 2       | 117    | 114                | 3                  | 1                   | -      |
| Balance of county                | 297                | 137                                | 146                       | 11      | 1,020  | 623                | 397                | 77                  | 306    |
| Cape May                         | 357                | 308                                | 49                        | -       | 506    | 424                | 82                 | 39                  | 42     |
| Cumberland                       | 2,021              | 1,905                              | 115                       | -       | 1,017  | 558                | 459                | 68                  | 366    |
| Bridgeton                        | 912                | 887                                | 25                        | -       | 293    | 132                | 151                | -                   | 151    |
| Millville                        | 401                | 396                                | 5                         | -       | 209    | 128                | 87                 | -                   | 83     |
| Balance of county                | 708                | 622                                | 85                        | -       | 525    | 300                | 225                | 88                  | 132    |
| Essex                            | 20,176             | 19,824                             | 293                       | 56      | 9,127  | 4,177              | 4,950              | 442                 | 4,428  |
| Newark                           | 13,624             | 13,318                             | 258                       | 46      | 5,089  | 2,044              | 3,045              | 105                 | 2,880  |
| Belleville                       | 7                  | 3                                  | 1                         | 3       | 178    | 145                | 33                 | 4                   | 28     |
| Bloomfield                       | 7                  | -                                  | 4                         | 3       | 236    | 211                | 25                 | 2                   | 17     |
| East Orange                      | 847                | 845                                | 2                         | -       | 587    | 437                | 150                | -                   | 149    |
| Irvington                        | 896                | 891                                | 2                         | 3       | 463    | 262                | 201                | 4                   | 197    |
| Montclair                        | 817                | 806                                | 10                        | -       | 362    | 215                | 147                | 1                   | 144    |
| Orange                           | 2,589              | 2,583                              | 5                         | 1       | 722    | 166                | 536                | 4                   | 525    |
| West Orange                      | 4                  | -                                  | 4                         | -       | 122    | 122                | -                  | -                   | -      |
| Maplewood (twp.) <sup>6</sup>    | 1                  | -                                  | 1                         | -       | 95     | 87                 | 6                  | 6                   | -      |
| Millburn (twp.) <sup>6</sup>     | -                  | -                                  | -                         | -       | 57     | 57                 | -                  | -                   | -      |
| Nutley                           | 2                  | -                                  | 2                         | -       | 116    | 116                | -                  | -                   | -      |
| South Orange                     | -                  | -                                  | -                         | -       | 89     | 87                 | 2                  | -                   | 1      |
| Balance of county                | 1,592              | 1,578                              | 4                         | -       | 1,013  | 208                | 805                | 316                 | 488    |
| Gloucester                       | 1,525              | 1,352                              | 168                       | 3       | 724    | 594                | 130                | 19                  | 87     |
| Hudson                           | 13,578             | 13,397                             | 149                       | 29      | 6,833  | 3,004              | 3,829              | 341                 | 3,462  |
| Jersey City                      | 10,370             | 10,277                             | 85                        | 6       | 3,619  | 1,286              | 2,333              | 25                  | 2,306  |
| Bayonne                          | 1,269              | 1,256                              | 8                         | 5       | 594    | 261                | 333                | 1                   | 260    |
| Hoboken                          | 969                | 955                                | 12                        | 1       | 733    | 253                | 480                | -                   | 480    |
| Kearny                           | 493                | 492                                | 1                         | 1       | 304    | 202                | 102                | -                   | 102    |
| North Bergen (twp.) <sup>6</sup> | 7                  | -                                  | 5                         | 2       | 198    | 198                | -                  | -                   | -      |
| Union City                       | 24                 | 1                                  | 17                        | 6       | 284    | 280                | 4                  | -                   | -      |
| West New York                    | 12                 | -                                  | 7                         | 5       | 167    | 166                | 1                  | -                   | 1      |
| Harrison                         | 7                  | -                                  | 6                         | 1       | 82     | 82                 | -                  | -                   | -      |
| Weehawken (twp.) <sup>6</sup>    | 419                | 416                                | 3                         | -       | 382    | 126                | 256                | -                   | 256    |
| Balance of county                | 8                  | -                                  | 5                         | 3       | 470    | 78                 | 392                | 315                 | 77     |
| Kunkerdon                        | 185                | 102                                | 62                        | 1       | 371    | 292                | 79                 | 7                   | 38     |
| Mercer                           | 5,785              | 5,620                              | 140                       | 4       | 2,628  | 1,031              | 1,597              | 367                 | 1,224  |
| Trenton                          | 5,096              | 4,998                              | 93                        | 4       | 1,873  | 608                | 1,265              | 308                 | 955    |
| Balance of county                | 669                | 622                                | 47                        | -       | 755    | 332                | 423                | 59                  | 269    |
| Middlesex                        | 5,061              | 4,840                              | 139                       | 80      | 2,115  | 1,157              | 958                | 23                  | 930    |
| New Brunswick                    | 2,703              | 2,685                              | 17                        | -       | 605    | 172                | 433                | -                   | 433    |
| Perth Amboy                      | 1,505              | 1,454                              | 29                        | 21      | 523    | 195                | 328                | -                   | 328    |
| Woodbridge (twp.) <sup>6</sup>   | 40                 | -                                  | 16                        | 24      | 160    | 152                | 8                  | 2                   | 6      |
| Carteret                         | 21                 | -                                  | 7                         | 14      | 51     | 51                 | -                  | -                   | -      |
| South River                      | 11                 | -                                  | 7                         | 4       | 53     | 53                 | -                  | -                   | -      |
| Balance of county                | 781                | 701                                | 63                        | 17      | 723    | 534                | 189                | 21                  | 163    |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940; A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                         | LIVE BIRTHS        |                                    |                           |         | DEATHS  |                    |                    |                     |        |
|------------------------------|--------------------|------------------------------------|---------------------------|---------|---------|--------------------|--------------------|---------------------|--------|
|                              | Total <sup>1</sup> | Attended by—                       |                           |         | Total   | Not in institution | In institution     |                     |        |
|                              |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |         |                    | Total <sup>3</sup> | Type of institution |        |
|                              |                    |                                    |                           |         |         |                    | Resi- dent         | Non- resi- dent     |        |
| NEW JERSEY—Continued         |                    |                                    |                           |         |         |                    |                    |                     |        |
| Momouth                      | 4,334              | 4,247                              | 85                        | -       | 2,693   | 1,281              | 1,412              | 419                 | 951    |
| Asbury Park                  | 9                  | -                                  | 9                         | -       | 111     | 111                | -                  | -                   | -      |
| Long Branch                  | 1,921              | 1,921                              | -                         | -       | 589     | 134                | 455                | -                   | 485    |
| Neptune (twp.) <sup>4</sup>  | 1,392              | 1,369                              | 12                        | -       | 383     | 89                 | 294                | 10                  | 284    |
| Red Bank                     | 437                | 436                                | 1                         | -       | 190     | 100                | 90                 | 8                   | 60     |
| Balance of county            | 595                | 521                                | 63                        | -       | 1,420   | 847                | 573                | 401                 | 152    |
| Morris                       | 2,423              | 2,360                              | 57                        | 4       | 2,017   | 831                | 1,186              | 622                 | 533    |
| Dover                        | 809                | 803                                | 4                         | 2       | 242     | 62                 | 180                | -                   | 180    |
| Morristown                   | 1,550              | 1,548                              | 1                         | -       | 378     | 89                 | 289                | -                   | 286    |
| Balance of county            | 64                 | 9                                  | 52                        | 2       | 1,397   | 680                | 717                | 622                 | 67     |
| Ocean                        | 1,171              | 1,134                              | 37                        | -       | 735     | 389                | 346                | 3                   | 261    |
| Passaic                      | 9,335              | 9,222                              | 106                       | 4       | 3,541   | 1,565              | 1,976              | 162                 | 1,780  |
| Peterseon                    | 5,335              | 5,284                              | 50                        | -       | 1,915   | 721                | 1,192              | 34                  | 1,158  |
| Clifton                      | 10                 | 1                                  | 7                         | 2       | 253     | 248                | 5                  | 5                   | -      |
| Passaic                      | 3,950              | 3,936                              | 12                        | 2       | 845     | 250                | 595                | 4                   | 574    |
| Hawthorne                    | 3                  | -                                  | 3                         | -       | 69      | 69                 | -                  | -                   | -      |
| Balance of county            | 37                 | 1                                  | 34                        | -       | 461     | 277                | 184                | 119                 | 58     |
| Salem                        | 765                | 710                                | 55                        | -       | 407     | 296                | 111                | 14                  | 94     |
| Somerset                     | 1,625              | 1,569                              | 42                        | 14      | 840     | 404                | 436                | 185                 | 264    |
| North Plainfield             | 5                  | -                                  | 5                         | -       | 69      | 52                 | 16                 | -                   | 16     |
| Balance of county            | 1,620              | 1,569                              | 37                        | 14      | 772     | 352                | 420                | 185                 | 248    |
| Sussex                       | 987                | 934                                | 53                        | -       | 393     | 238                | 145                | 3                   | 141    |
| Union                        | 8,057              | 7,802                              | 161                       | 89      | 3,221   | 1,772              | 1,449              | 2                   | 1,439  |
| Elizabeth                    | 3,818              | 3,698                              | 50                        | 76      | 1,252   | 571                | 681                | -                   | 678    |
| Plainfield                   | 2,284              | 2,255                              | 28                        | -       | 589     | 193                | 396                | 1                   | 395    |
| Cranford (twp.) <sup>4</sup> | 8                  | -                                  | 8                         | -       | 98      | 82                 | 16                 | -                   | 16     |
| Hillside (twp.) <sup>4</sup> | 5                  | -                                  | 4                         | 1       | 78      | 78                 | -                  | -                   | -      |
| Linden                       | 23                 | -                                  | 17                        | 6       | 93      | 95                 | -                  | -                   | -      |
| Rahway                       | 812                | 800                                | 10                        | 2       | 261     | 128                | 133                | -                   | 135    |
| Bonelle                      | 12                 | 1                                  | 11                        | -       | 65      | 65                 | -                  | -                   | -      |
| Summit                       | 1,061              | 1,056                              | 3                         | -       | 274     | 110                | 164                | -                   | 164    |
| Union (twp.) <sup>4</sup>    | 6                  | -                                  | 5                         | 1       | 141     | 141                | -                  | -                   | -      |
| Westfield                    | 5                  | -                                  | 5                         | -       | 103     | 102                | 1                  | -                   | -      |
| Balance of county            | 23                 | -                                  | 20                        | 3       | 287     | 211                | 56                 | 1                   | 51     |
| Warren                       | 830                | 716                                | 112                       | -       | 611     | 365                | 246                | 13                  | 228    |
| Phillipsburg                 | 758                | 716                                | 41                        | -       | 349     | 119                | 230                | -                   | 228    |
| Balance of county            | 72                 | -                                  | 71                        | -       | 262     | 248                | 18                 | 13                  | -      |
| NEW MEXICO                   | 20,632             | 13,782                             | 3,722                     | 2,456   | 5,711   | 3,251              | 2,460              | 85                  | 2,207  |
| Bernalillo                   | 4,229              | 3,390                              | 574                       | 218     | 1,146   | 571                | 575                | -                   | 513    |
| Albuquerque                  | 3,115              | 2,901                              | 154                       | 54      | 728     | 262                | 466                | -                   | 407    |
| Balance of county            | 1,114              | 489                                | 420                       | 164     | 418     | 309                | 109                | -                   | 106    |
| Catron                       | 47                 | 1                                  | 39                        | -       | 19      | 19                 | -                  | -                   | -      |
| Chaves                       | 1,406              | 1,282                              | 52                        | 66      | 296     | 143                | 153                | -                   | 153    |
| Hoswell                      | 1,269              | 1,215                              | 7                         | 44      | 225     | 84                 | 141                | -                   | 141    |
| Balance of county            | 137                | 67                                 | 45                        | 22      | 71      | 59                 | 12                 | -                   | 12     |
| Golfex                       | 589                | 502                                | 31                        | 36      | 184     | 100                | 84                 | -                   | 81     |
| Curry                        | 849                | 800                                | 8                         | 41      | 188     | 83                 | 103                | -                   | 103    |
| Clavis                       | 845                | 800                                | 7                         | 39      | 160     | 57                 | 103                | -                   | 103    |
| Balance of county            | 4                  | -                                  | 1                         | 3       | 26      | 26                 | -                  | -                   | -      |
| De Baca                      | 97                 | 80                                 | 3                         | 14      | 20      | 11                 | 9                  | -                   | 9      |
| Dona Ana                     | 1,152              | 363                                | 642                       | 104     | 264     | 203                | 61                 | -                   | 61     |
| Eddy                         | 1,369              | 1,177                              | 136                       | 44      | 311     | 139                | 172                | -                   | 165    |
| Grant                        | 736                | 506                                | 95                        | 27      | 224     | 99                 | 125                | -                   | 121    |
| Guadalupe                    | 208                | 3                                  | 144                       | 49      | 67      | 67                 | -                  | -                   | -      |
| Harding                      | 73                 | 2                                  | 56                        | 7       | 19      | 19                 | -                  | -                   | -      |
| Hidalgo                      | 135                | 92                                 | 19                        | 17      | 54      | 36                 | 18                 | -                   | 9      |
| Lea                          | 736                | 722                                | 12                        | -       | 137     | 77                 | 60                 | -                   | 53     |
| Hobbs                        | 581                | 578                                | 2                         | -       | 86      | 35                 | 51                 | -                   | 51     |
| Balance of county            | 155                | 143                                | 10                        | 42      | 51      | 42                 | 9                  | -                   | 2      |
| Lincoln                      | 185                | 66                                 | 66                        | 47      | 69      | 42                 | 26                 | -                   | 26     |
| Luna                         | 270                | 192                                | 75                        | -       | 98      | 40                 | 58                 | -                   | 28     |
| McKinley                     | 741                | 542                                | 44                        | 52      | 256     | 124                | 132                | -                   | 125    |
| Mora                         | 262                | 14                                 | 52                        | 151     | 63      | 76                 | 7                  | -                   | 6      |
| Otero                        | 358                | 161                                | 178                       | 8       | 103     | 69                 | 34                 | -                   | 34     |
| Quay                         | 361                | 337                                | 11                        | 11      | 140     | 72                 | 68                 | -                   | 65     |
| Rio Arriba                   | 922                | 361                                | 354                       | 157     | 244     | 155                | 89                 | -                   | 83     |
| Roosevelt                    | 311                | 281                                | 30                        | -       | 89      | 58                 | 31                 | -                   | 14     |
| Sandoval                     | 590                | 252                                | 158                       | 129     | 120     | 107                | 13                 | -                   | 2      |
| San Juan                     | 455                | 393                                | 38                        | 1       | 185     | 88                 | 117                | -                   | 113    |
| San Miguel                   | 1,085              | 522                                | 77                        | 449     | 349     | 148                | 201                | 62                  | 139    |
| Santa Fe                     | 1,385              | 879                                | 175                       | 287     | 354     | 174                | 180                | 2                   | 163    |
| Santa Fe                     | 1,176              | 828                                | 99                        | 251     | 300     | 122                | 175                | 2                   | 160    |
| Balance of county            | 209                | 51                                 | 76                        | 66      | 54      | 49                 | 5                  | -                   | 3      |
| Sierra                       | 125                | 82                                 | 28                        | 7       | 107     | 65                 | 42                 | -                   | 31     |
| Socorro                      | 322                | 80                                 | 177                       | 51      | 105     | 87                 | 18                 | -                   | 18     |
| Taos                         | 508                | 187                                | 55                        | 239     | 147     | 116                | 31                 | -                   | 31     |
| Torrance                     | 248                | 63                                 | 96                        | 76      | 66      | 56                 | 10                 | -                   | 10     |
| Union                        | 216                | 111                                | 85                        | 17      | 74      | 44                 | 50                 | -                   | 30     |
| Valencia                     | 664                | 239                                | 233                       | 121     | 196     | 165                | 31                 | 1                   | 21     |
| NEW YORK                     | 302,740            | 296,111                            | 5,892                     | 323     | 157,766 | 69,521             | 86,245             | 13,137              | 73,397 |
| Albany                       | 4,888              | 4,787                              | 72                        | 24      | 2,855   | 1,484              | 1,491              | 218                 | 1,235  |
| Albany                       | 4,517              | 4,461                              | 30                        | 21      | 2,041   | 826                | 1,215              | 75                  | 1,118  |
| Cohoes                       | 335                | 326                                | 9                         | -       | 201     | 127                | 74                 | -                   | 74     |
| Waterliet                    | 11                 | -                                  | 11                        | -       | 112     | 112                | -                  | -                   | -      |
| Balance of county            | 25                 | -                                  | 22                        | 3       | 601     | 399                | 202                | 143                 | 45     |
| Allegany                     | 919                | 877                                | 40                        | -       | 436     | 300                | 158                | 22                  | 115    |

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                        | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |        |
|-----------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|--------|
|                             | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |        |
|                             |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |        |
|                             |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |        |
| NEW YORK—Continued          |                    |                                    |                           |         |        |                    |                    |                     |        |
| Broome                      | 4,894              | 4,838                              | 51                        | -       | 1,989  | 650                | 1,339              | 303                 | 1,020  |
| Binghamton                  | 2,403              | 2,393                              | 10                        | -       | 1,200  | 330                | 870                | 268                 | 590    |
| Endicott                    | 780                | 757                                | 2                         | -       | 135    | 52                 | 83                 | -                   | 83     |
| Johnson City                | 1,551              | 1,551                              | -                         | -       | 342    | 45                 | 297                | -                   | 297    |
| Balance of county           | 179                | 137                                | 39                        | -       | 312    | 223                | 89                 | 35                  | 50     |
| Cattaraugus                 | 2,130              | 2,076                              | 51                        | 1       | 905    | 432                | 473                | 12                  | 455    |
| Olean                       | 1,326              | 1,321                              | 5                         | -       | 344    | 66                 | 256                | -                   | 257    |
| Balance of county           | 804                | 755                                | 46                        | 1       | 561    | 346                | 215                | 12                  | 198    |
| Cayuga                      | 1,633              | 1,617                              | 13                        | -       | 789    | 342                | 447                | 11                  | 416    |
| Auburn                      | 1,592              | 1,590                              | 2                         | -       | 574    | 146                | 428                | 4                   | 412    |
| Balance of county           | 41                 | 27                                 | 11                        | -       | 215    | 196                | 19                 | 7                   | 4      |
| Chautauqus                  | 3,054              | 3,016                              | 36                        | -       | 1,454  | 722                | 732                | 40                  | 664    |
| Jamesstown                  | 1,361              | 1,360                              | 1                         | -       | 652    | 227                | 425                | 2                   | 411    |
| Dunkirk                     | 640                | 640                                | -                         | -       | 225    | 74                 | 151                | 1                   | 150    |
| Balance of county           | 553                | 516                                | 35                        | -       | 577    | 421                | 156                | 37                  | 103    |
| Chemung                     | 2,223              | 2,215                              | 7                         | -       | 907    | 401                | 506                | 22                  | 477    |
| Elmira                      | 2,215              | 2,215                              | -                         | -       | 728    | 249                | 479                | 2                   | 473    |
| Balance of county           | 0                  | -                                  | 7                         | -       | 179    | 152                | 27                 | 20                  | 4      |
| Chenango                    | 960                | 928                                | 28                        | -       | 452    | 232                | 220                | 53                  | 148    |
| Clinton                     | 1,392              | 1,234                              | 154                       | 2       | 598    | 292                | 306                | 43                  | 243    |
| Plattsburgh                 | 1,239              | 1,234                              | 3                         | -       | 338    | 84                 | 254                | 4                   | 243    |
| Balance of county           | 154                | -                                  | 151                       | 2       | 260    | 208                | 52                 | 39                  | -      |
| Columbia                    | 728                | 695                                | 29                        | -       | 595    | 347                | 248                | 36                  | 197    |
| Hudson                      | 651                | 647                                | 4                         | -       | 268    | 61                 | 187                | 23                  | 163    |
| Balance of county           | 77                 | 48                                 | 25                        | -       | 327    | 266                | 61                 | 13                  | 34     |
| Cortland                    | 1,111              | 1,082                              | 25                        | 2       | 470    | 250                | 220                | 6                   | 200    |
| Cortland                    | 1,087              | 1,082                              | 4                         | -       | 328    | 114                | 214                | 4                   | 200    |
| Balance of county           | 24                 | -                                  | 21                        | 2       | 142    | 136                | 6                  | 2                   | -      |
| Delaware                    | 1,080              | 995                                | 92                        | -       | 533    | 307                | 226                | 37                  | 186    |
| Dutchess                    | 2,184              | 2,105                              | 53                        | 6       | 2,188  | 661                | 1,507              | 879                 | 610    |
| Poughkeepsie                | 1,074              | 1,058                              | 11                        | 5       | 536    | 228                | 306                | 21                  | 278    |
| Beacon                      | 259                | 259                                | -                         | -       | 165    | 59                 | 107                | 46                  | 59     |
| Balance of county           | 831                | 788                                | 40                        | 1       | 1,467  | 395                | 1,092              | 810                 | 273    |
| Eric                        | 19,328             | 18,845                             | 449                       | 25      | 9,265  | 4,259              | 5,006              | 916                 | 3,986  |
| Buffalo                     | 17,175             | 16,928                             | 223                       | 20      | 7,170  | 2,951              | 4,219              | 543                 | 3,784  |
| Kermore                     | 1                  | -                                  | 1                         | -       | 83     | 90                 | 3                  | 3                   | -      |
| Tonawanda                   | 1,625              | 1,580                              | 35                        | 2       | 332    | 96                 | 236                | 58                  | 178    |
| Balance of county           | 3                  | -                                  | 3                         | -       | 77     | 77                 | -                  | -                   | -      |
| Essex                       | 524                | 327                                | 189                       | 3       | 1,603  | 1,055              | 548                | 512                 | 24     |
| Franklin                    | 1,003              | 911                                | 92                        | -       | 483    | 260                | 223                | 19                  | 194    |
| Fulton                      | 1,003              | 730                                | 269                       | -       | 534    | 313                | 221                | 5                   | 205    |
| Gloversville                | 899                | 884                                | 14                        | -       | 626    | 345                | 281                | 15                  | 237    |
| Johnstown                   | 888                | 884                                | 4                         | -       | 409    | 162                | 247                | 10                  | 217    |
| Balance of county           | 10                 | -                                  | 9                         | -       | 113    | 85                 | 28                 | 4                   | 17     |
| Genesee                     | 1,210              | 1,185                              | 11                        | -       | 626    | 239                | 387                | 34                  | 350    |
| Batavia                     | 1,194              | 1,194                              | -                         | -       | 413    | 64                 | 349                | 1                   | 347    |
| Balance of county           | 16                 | 1                                  | 11                        | -       | 213    | 175                | 38                 | 33                  | 3      |
| Greene                      | 531                | 502                                | 29                        | -       | 379    | 230                | 149                | 7                   | 135    |
| Hamilton                    | 8                  | -                                  | 8                         | -       | 55     | 55                 | -                  | -                   | -      |
| Herkimer                    | 1,464              | 1,430                              | 34                        | -       | 721    | 417                | 304                | 12                  | 279    |
| Little Falls                | 588                | 587                                | 1                         | -       | 196    | 69                 | 127                | -                   | 119    |
| Balance of county           | 876                | 843                                | 33                        | -       | 525    | 348                | 177                | 12                  | 160    |
| Jefferson                   | 2,126              | 1,989                              | 134                       | -       | 1,062  | 550                | 512                | 21                  | 457    |
| Watertown                   | 1,533              | 1,524                              | 9                         | -       | 577    | 166                | 411                | 14                  | 375    |
| Balance of county           | 993                | 465                                | 125                       | -       | 485    | 384                | 101                | 7                   | 82     |
| Levis                       | 440                | 398                                | 52                        | -       | 240    | 156                | 84                 | 10                  | 70     |
| Livingston                  | 411                | 386                                | 24                        | -       | 459    | 272                | 187                | 76                  | 100    |
| Madison                     | 1,055              | 1,004                              | 51                        | -       | 506    | 191                | 315                | 14                  | 139    |
| Oneida                      | 800                | 800                                | -                         | -       | 221    | 85                 | 136                | 1                   | 133    |
| Balance of county           | 255                | 204                                | 51                        | -       | 285    | 250                | 35                 | 13                  | 6      |
| Monroe                      | 11,092             | 11,032                             | 54                        | 1       | 5,305  | 2,124              | 3,081              | 789                 | 2,202  |
| Rochester                   | 10,780             | 10,743                             | 32                        | 1       | 4,045  | 1,523              | 2,522              | 359                 | 2,075  |
| Irondequoit (town)          | 1                  | 1                                  | -                         | -       | 95     | 95                 | 2                  | 1                   | -      |
| Balance of county           | 311                | 298                                | 22                        | -       | 1,085  | 508                | 557                | 409                 | 126    |
| Montgomery                  | 1,170              | 1,145                              | 23                        | 2       | 662    | 339                | 324                | 12                  | 262    |
| Amsterdam                   | 1,151              | 1,145                              | 4                         | 2       | 461    | 169                | 292                | 3                   | 260    |
| Balance of county           | 19                 | -                                  | 19                        | -       | 201    | 169                | 32                 | 9                   | 12     |
| Nassau                      | 9,789              | 9,633                              | 153                       | -       | 4,194  | 2,531              | 1,663              | 46                  | 1,565  |
| Floral Park                 | 518                | 317                                | 1                         | -       | 94     | 79                 | 15                 | -                   | 15     |
| Freeport                    | 518                | 510                                | 7                         | -       | 151    | 144                | 7                  | -                   | 7      |
| Garden City                 | -                  | -                                  | -                         | -       | 92     | 92                 | -                  | -                   | -      |
| Glen Cove                   | 928                | 912                                | 14                        | -       | 225    | 59                 | 165                | -                   | 139    |
| Hempstead                   | 3                  | -                                  | 3                         | -       | 132    | 123                | 9                  | -                   | -      |
| Lynbrook                    | 2                  | -                                  | 2                         | -       | 88     | 88                 | -                  | -                   | -      |
| Mineola                     | 1,613              | 1,613                              | -                         | -       | 294    | 57                 | 237                | -                   | 237    |
| Rockville Centre            | 2,855              | 2,852                              | 3                         | -       | 262    | 122                | 140                | 19                  | 119    |
| Valley Stream               | 5                  | 4                                  | 1                         | -       | 110    | 101                | 9                  | -                   | 8      |
| Balance of county           | 3,548              | 3,429                              | 119                       | -       | 2,748  | 1,667              | 1,081              | 16                  | 1,040  |
| New York City <sup>10</sup> | 157,830            | 155,314                            | 2,186                     | 249     | 81,636 | 35,757             | 47,879             | 4,322               | 43,228 |
| Niagara                     | 4,671              | 4,641                              | 26                        | -       | 1,671  | 726                | 945                | 87                  | 631    |
| Niagara Falls               | 2,786              | 2,777                              | 7                         | -       | 788    | 295                | 493                | 4                   | 483    |
| Lockport                    | 895                | 891                                | 4                         | -       | 361    | 126                | 235                | 34                  | 192    |
| North Tonawanda             | 875                | 875                                | -                         | -       | 224    | 110                | 114                | -                   | 111    |
| Balance of county           | 15                 | 14                                 | 1                         | -       | 298    | 195                | 103                | 49                  | 45     |
| Oneida                      | 5,117              | 4,987                              | 126                       | 2       | 2,890  | 1,089              | 1,809              | 626                 | 1,126  |
| Utica                       | 3,562              | 3,546                              | 16                        | 1       | 1,848  | 513                | 1,035              | 273                 | 738    |
| Rome                        | 1,358              | 1,351                              | 6                         | -       | 585    | 139                | 444                | 76                  | 346    |
| Balance of county           | 197                | 90                                 | 105                       | 1       | 761    | 430                | 331                | 277                 | 44     |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                      | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                       |       |
|---------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|-----------------------|-------|
|                           | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                       |       |
|                           |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution   |       |
|                           |                    |                                    |                           |         |        |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |       |
| <b>NEW YORK—Continued</b> |                    |                                    |                           |         |        |                    |                    |                       |       |
| Cocandaga                 | 8,089              | 8,008                              | 79                        | 1       | 3,394  | 1,751              | 1,643              | 183                   | 1,373 |
| Syracuse                  | 7,977              | 7,845                              | 32                        | -       | 2,542  | 1,129              | 1,415              | 40                    | 1,511 |
| Balance of county         | 112                | 64                                 | 47                        | 1       | 852    | 622                | 230                | 143                   | 62    |
| Cattaraugus               | 1,546              | 1,524                              | 20                        | -       | 794    | 347                | 447                | 67                    | 361   |
| Geneva                    | 629                | 627                                | 2                         | -       | 189    | 89                 | 100                | -                     | 97    |
| Balance of county         | 917                | 897                                | 18                        | -       | 605    | 258                | 347                | 67                    | 264   |
| Orange                    | 3,373              | 3,264                              | 104                       | 1       | 2,014  | 930                | 1,084              | 340                   | 729   |
| Newburgh                  | 1,001              | 973                                | 27                        | 1       | 494    | 211                | 283                | 29                    | 252   |
| Middletown                | 776                | 771                                | 5                         | -       | 571    | 139                | 432                | 236                   | 194   |
| Balance of county         | 1,596              | 1,520                              | 72                        | 1       | 949    | 580                | 369                | 75                    | 283   |
| Orleans                   | 634                | 625                                | 7                         | 1       | 333    | 206                | 127                | -                     | 114   |
| Oswego                    | 1,546              | 1,394                              | 158                       | -       | 763    | 567                | 236                | 24                    | 200   |
| Fulton                    | 622                | 621                                | 1                         | -       | 160    | 104                | 56                 | -                     | 56    |
| Oswego                    | 770                | 762                                | 8                         | -       | 264    | 125                | 139                | 2                     | 135   |
| Balance of county         | 154                | 1                                  | 149                       | -       | 359    | 318                | 41                 | 22                    | 9     |
| Catago                    | 1,089              | 1,024                              | 62                        | -       | 675    | 360                | 315                | 21                    | 279   |
| Oneonta                   | 586                | 585                                | 1                         | -       | 231    | 77                 | 154                | -                     | 150   |
| Balance of county         | 503                | 439                                | 61                        | -       | 444    | 283                | 161                | 21                    | 129   |
| Putnam                    | 283                | 266                                | 17                        | -       | 202    | 128                | 74                 | -                     | 50    |
| Rensselaer                | 3,333              | 3,283                              | 47                        | 2       | 1,768  | 902                | 866                | 129                   | 686   |
| Troy                      | 3,215              | 3,209                              | 5                         | -       | 1,246  | 466                | 780                | 109                   | 649   |
| Rensselaer                | 6                  | -                                  | 4                         | 2       | 103    | 101                | 2                  | -                     | -     |
| Balance of county         | 112                | 74                                 | 38                        | -       | 419    | 335                | 84                 | 20                    | 37    |
| Rockland                  | 1,677              | 1,628                              | 49                        | -       | 1,186  | 364                | 822                | 472                   | 331   |
| St. Lawrence              | 2,525              | 2,355                              | 166                       | -       | 1,260  | 583                | 677                | 223                   | 411   |
| Massena                   | 531                | 523                                | 8                         | -       | 109    | 45                 | 68                 | -                     | 65    |
| Ogdensburg                | 609                | 607                                | 2                         | -       | 482    | 81                 | 401                | 193                   | 204   |
| Balance of county         | 1,385              | 1,225                              | 156                       | -       | 669    | 459                | 210                | 30                    | 142   |
| Saratoga                  | 860                | 806                                | 48                        | 1       | 890    | 584                | 326                | 24                    | 269   |
| Saratoga Springs          | 494                | 490                                | 4                         | -       | 277    | 141                | 136                | 1                     | 134   |
| Balance of county         | 366                | 316                                | 44                        | 1       | 613    | 423                | 190                | 23                    | 135   |
| Schenectady               | 3,330              | 3,300                              | 29                        | -       | 1,385  | 736                | 649                | 83                    | 531   |
| Schenectady               | 1,897              | 1,873                              | 23                        | -       | 1,045  | 504                | 541                | 14                    | 495   |
| Balance of county         | 1,433              | 1,427                              | 6                         | -       | 340    | 232                | 108                | 69                    | 36    |
| Schoharie                 | 336                | 252                                | 83                        | -       | 218    | 175                | 43                 | 2                     | 28    |
| Schuyler                  | 247                | 241                                | 5                         | -       | 169    | 91                 | 78                 | -                     | 75    |
| Seneca                    | 461                | 471                                | 10                        | -       | 543    | 183                | 360                | 255                   | 102   |
| Steuben                   | 2,456              | 2,357                              | 97                        | -       | 1,213  | 516                | 697                | 12                    | 662   |
| Corning                   | 934                | 933                                | 1                         | -       | 261    | 86                 | 165                | -                     | 163   |
| Hornell                   | 605                | 602                                | 3                         | -       | 217    | 79                 | 138                | -                     | 137   |
| Balance of county         | 917                | 622                                | 93                        | -       | 745    | 351                | 394                | 12                    | 362   |
| Suffolk                   | 5,017              | 4,856                              | 155                       | 1       | 4,580  | 1,452              | 3,128              | 2,151                 | 919   |
| Sullivan                  | 824                | 740                                | 83                        | 1       | 585    | 383                | 202                | 7                     | 192   |
| Tioga                     | 451                | 415                                | 33                        | -       | 345    | 222                | 123                | 7                     | 102   |
| Tompkins                  | 1,255              | 1,236                              | 19                        | -       | 526    | 227                | 299                | 19                    | 262   |
| Ithaca                    | 1,239              | 1,235                              | 4                         | -       | 322    | 86                 | 236                | -                     | 236   |
| Balance of county         | 16                 | 1                                  | 15                        | -       | 204    | 141                | 63                 | 19                    | 26    |
| Ulster                    | 1,457              | 1,408                              | 47                        | -       | 1,188  | 641                | 547                | 8                     | 515   |
| Kingston                  | 1,094              | 1,079                              | 4                         | -       | 602    | 183                | 419                | 1                     | 410   |
| Balance of county         | 373                | 329                                | 43                        | -       | 586    | 458                | 128                | 7                     | 105   |
| Warren                    | 1,635              | 1,572                              | 58                        | -       | 643    | 338                | 305                | 6                     | 274   |
| Glens Falls               | 1,578              | 1,571                              | 6                         | -       | 451    | 165                | 286                | -                     | 268   |
| Balance of county         | 57                 | 1                                  | 52                        | -       | 192    | 173                | 19                 | 6                     | 6     |
| Washington                | 535                | 434                                | 97                        | -       | 512    | 342                | 170                | 23                    | 133   |
| Wayne                     | 811                | 773                                | 34                        | -       | 620    | 391                | 229                | 53                    | 167   |
| Westchester               | 11,690             | 11,623                             | 60                        | 1       | 5,926  | 2,447              | 3,479              | 341                   | 3,084 |
| Yonkers                   | 3,110              | 3,100                              | 9                         | -       | 1,401  | 565                | 836                | 31                    | 797   |
| Mount Vernon              | 1,453              | 1,436                              | 14                        | 1       | 696    | 264                | 432                | 19                    | 394   |
| New Rochelle              | 1,582              | 1,375                              | 7                         | -       | 634    | 236                | 398                | 16                    | 375   |
| White Plains              | 1,378              | 1,377                              | 1                         | -       | 527    | 211                | 316                | -                     | 309   |
| Mamaroneck                | 2                  | -                                  | 2                         | -       | 66     | 63                 | 3                  | -                     | 1     |
| Ossining                  | 371                | 367                                | 4                         | -       | 203    | 68                 | 135                | 25                    | 101   |
| Peeckskill                | 577                | 568                                | 9                         | -       | 221    | 98                 | 123                | 6                     | 115   |
| Port Chester              | 1,254              | 1,254                              | -                         | -       | 304    | 71                 | 233                | -                     | 233   |
| Scarsdale                 | -                  | -                                  | -                         | -       | 49     | 49                 | -                  | -                     | -     |
| Balance of county         | 2,163              | 2,146                              | 14                        | -       | 1,825  | 822                | 1,003              | 244                   | 759   |
| Wyoming                   | 821                | 591                                | 30                        | -       | 323    | 187                | 136                | 7                     | 119   |
| Yates                     | 316                | 305                                | 11                        | -       | 204    | 119                | 85                 | 7                     | 56    |
| <b>NORTH CAROLINA</b>     |                    |                                    |                           |         |        |                    |                    |                       |       |
| Albemarle                 | 1,715              | 1,321                              | 385                       | 7       | 347    | 304                | 43                 | 4                     | 36    |
| Burlington                | 924                | 102                                | 82                        | -       | 118    | 85                 | 33                 | -                     | 31    |
| Balance of county         | 791                | 500                                | 283                       | 7       | 229    | 219                | 10                 | 4                     | 5     |
| Alexander                 | 126                | -                                  | 121                       | 4       | 72     | 72                 | -                  | -                     | -     |
| Alleghany                 | 102                | -                                  | 97                        | 2       | 50     | 50                 | -                  | -                     | -     |
| Anson                     | 844                | 317                                | 159                       | 368     | 220    | 168                | 52                 | 2                     | 50    |
| Ashe                      | 659                | 483                                | 111                       | 64      | 123    | 94                 | 29                 | -                     | 28    |
| Avery                     | 466                | 412                                | 8                         | 46      | 76     | 40                 | 36                 | -                     | 35    |
| Beaufort                  | 1,260              | 917                                | 137                       | 206     | 365    | 230                | 115                | 2                     | 113   |
| Bertie                    | 748                | 290                                | 152                       | 308     | 189    | 172                | 17                 | 1                     | 15    |
| Bladen                    | 665                | 2                                  | 441                       | 222     | 156    | 155                | 1                  | -                     | -     |
| Brunswick                 | 420                | 158                                | 19                        | 242     | 110    | 78                 | 32                 | -                     | 32    |
| Buncombe                  | 3,208              | 2,823                              | 250                       | 132     | 1,352  | 579                | 773                | 19                    | 723   |
| Asheville                 | 2,977              | 2,820                              | 45                        | 110     | 797    | 279                | 518                | 11                    | 481   |
| Balance of county         | 232                | 3                                  | 205                       | 22      | 555    | 300                | 255                | 8                     | 242   |
| Burke                     | 1,069              | 973                                | 28                        | 59      | 402    | 143                | 259                | 137                   | 118   |
| Cabarrus                  | 1,739              | 1,624                              | 91                        | 23      | 407    | 236                | 171                | -                     | 164   |
| Concord                   | 1,517              | 1,498                              | 17                        | 2       | 209    | 73                 | 136                | -                     | 136   |
| Balance of county         | 222                | 126                                | 74                        | 21      | 198    | 163                | 35                 | -                     | 28    |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                     | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |     |
|--------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-----|
|                          | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |     |
|                          |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |     |
|                          |                    |                                    |                           |         |        |                    | Resident           | Non-resident        |     |
| NORTH CAROLINA—Continued |                    |                                    |                           |         |        |                    |                    |                     |     |
| Caldwell                 | 1,233              | 999                                | 209                       | 23      | 232    | 170                | 62                 | -                   | 62  |
| Camden                   | 92                 | -                                  | 30                        | 62      | 35     | 35                 | -                  | -                   | -   |
| Carteret                 | 589                | 406                                | 42                        | 61      | 170    | 127                | 43                 | -                   | 43  |
| Caswell                  | 370                | -                                  | 234                       | 136     | 84     | 83                 | 1                  | 1                   | -   |
| Catawba                  | 1,047              | 1,722                              | 29                        | 95      | 392    | 247                | 145                | -                   | 144 |
| Rickory                  | 1,146              | 1,130                              | 4                         | 12      | 155    | 75                 | 80                 | -                   | 80  |
| Balance of county        | 701                | 592                                | 25                        | 83      | 237    | 172                | 65                 | -                   | 64  |
| Chatham                  | 529                | 205                                | 259                       | 65      | 177    | 164                | 13                 | -                   | 13  |
| Cherokee                 | 615                | 461                                | 47                        | 107     | 151    | 91                 | 60                 | -                   | 42  |
| Chowan                   | 400                | 151                                | 173                       | 75      | 114    | 90                 | 24                 | -                   | 24  |
| Clay                     | 67                 | -                                  | 32                        | 32      | 17     | 17                 | -                  | -                   | -   |
| Cleveland                | 2,071              | 1,530                              | 337                       | 203     | 340    | 206                | 134                | 2                   | 132 |
| Ebony                    | 1,273              | 1,249                              | 9                         | 15      | 177    | 46                 | 131                | -                   | 131 |
| Balance of county        | 798                | 281                                | 328                       | 188     | 163    | 160                | 3                  | 2                   | 1   |
| Columbus                 | 1,395              | 740                                | 240                       | 414     | 351    | 255                | 96                 | 7                   | 89  |
| Craven                   | 1,305              | 910                                | 55                        | 340     | 350    | 250                | 100                | 6                   | 94  |
| New Bern                 | 723                | 576                                | 4                         | 143     | 201    | 117                | 84                 | -                   | 84  |
| Balance of county        | 582                | 334                                | 51                        | 197     | 149    | 133                | 16                 | 6                   | 10  |
| Cumberland               | 3,047              | 2,219                              | 263                       | 564     | 756    | 315                | 441                | 5                   | 429 |
| Fayetteville             | 1,383              | 1,099                              | 54                        | 250     | 495    | 125                | 370                | 4                   | 363 |
| Balance of county        | 1,664              | 1,120                              | 209                       | 354     | 261    | 190                | 71                 | 1                   | 66  |
| Currituck                | 89                 | 23                                 | 23                        | 43      | 48     | 46                 | 2                  | -                   | -   |
| Dare                     | 56                 | 6                                  | 46                        | 4       | 34     | 34                 | -                  | -                   | -   |
| Davidson                 | 1,402              | 1,266                              | 123                       | 13      | 353    | 220                | 133                | 1                   | 128 |
| Lexington                | 722                | 693                                | 28                        | 1       | 128    | 44                 | 84                 | -                   | 83  |
| Thomasville              | 457                | 450                                | 2                         | 5       | 79     | 40                 | 39                 | -                   | 39  |
| Balance of county        | 223                | 123                                | 93                        | 7       | 146    | 136                | 10                 | 1                   | 6   |
| Davidson                 | 155                | -                                  | 150                       | 5       | 81     | 81                 | -                  | -                   | -   |
| Duplin                   | 935                | 3                                  | 815                       | 117     | 259    | 258                | 1                  | 1                   | -   |
| Durham                   | 3,545              | 3,420                              | 40                        | 84      | 1,209  | 403                | 806                | 23                  | 780 |
| Durham                   | 3,483              | 3,419                              | 18                        | 45      | 1,062  | 293                | 769                | 2                   | 765 |
| Balance of county        | 62                 | 1                                  | 22                        | 39      | 147    | 110                | 37                 | 21                  | 15  |
| Edgecombe                | 1,487              | 606                                | 505                       | 376     | 415    | 288                | 126                | 8                   | 113 |
| Rocky Mount (part)       | 375                | 273                                | 92                        | 10      | 97     | 69                 | 29                 | -                   | 29  |
| Balance of county        | 1,112              | 333                                | 413                       | 366     | 318    | 221                | 97                 | 8                   | 84  |
| Forsyth                  | 4,161              | 3,924                              | 221                       | 14      | 1,332  | 573                | 759                | 70                  | 681 |
| Winston-Salem            | 3,882              | 3,729                              | 158                       | 14      | 1,069  | 395                | 674                | 16                  | 653 |
| Balance of county        | 279                | 195                                | 83                        | -       | 263    | 178                | 85                 | 54                  | 28  |
| Franklin                 | 612                | 164                                | 237                       | 211     | 198    | 190                | 8                  | 7                   | 1   |
| Gaston                   | 2,130              | 1,544                              | 476                       | 110     | 612    | 414                | 198                | 2                   | 196 |
| Gastonia                 | 1,587              | 1,544                              | 56                        | 7       | 265    | 99                 | 166                | -                   | 166 |
| Balance of county        | 543                | -                                  | 440                       | 103     | 347    | 315                | 32                 | 2                   | 30  |
| Gates                    | 220                | 65                                 | 69                        | 86      | 68     | 68                 | -                  | -                   | -   |
| Graham                   | 188                | 103                                | 62                        | 21      | 29     | 29                 | -                  | -                   | -   |
| Granville                | 852                | 414                                | 395                       | 43      | 274    | 156                | 118                | 45                  | 56  |
| Greens                   | 395                | -                                  | 365                       | 30      | 91     | 91                 | -                  | -                   | -   |
| Gulford                  | 4,889              | 4,520                              | 290                       | 79      | 1,334  | 673                | 661                | 34                  | 602 |
| Greensboro               | 3,074              | 3,042                              | 19                        | 13      | 709    | 268                | 441                | 5                   | 420 |
| High Point               | 1,572              | 1,478                              | 76                        | 18      | 307    | 158                | 149                | -                   | 149 |
| Balance of county        | 243                | -                                  | 195                       | 48      | 318    | 247                | 71                 | 29                  | 33  |
| Halifax                  | 2,102              | 929                                | 250                       | 922     | 507    | 341                | 166                | 9                   | 157 |
| Harnett                  | 1,504              | 1,121                              | 246                       | 135     | 307    | 216                | 91                 | 35                  | 56  |
| Haywood                  | 1,001              | 936                                | 53                        | 10      | 182    | 131                | 51                 | 1                   | 50  |
| Henderson                | 811                | 737                                | 69                        | 5       | 268    | 186                | 102                | -                   | 99  |
| Hertford                 | 494                | 102                                | 334                       | 58      | 140    | 131                | 9                  | -                   | 8   |
| Hoke                     | 364                | 2                                  | 178                       | 184     | 205    | 100                | 106                | -                   | 104 |
| Hyde                     | 106                | -                                  | 18                        | 87      | 51     | 51                 | -                  | -                   | -   |
| Iredell                  | 2,110              | 1,850                              | 182                       | 78      | 492    | 249                | 243                | 5                   | 235 |
| Statesville              | 1,177              | 1,124                              | 38                        | 15      | 251    | 90                 | 161                | -                   | 161 |
| Balance of county        | 933                | 726                                | 144                       | 63      | 241    | 159                | 82                 | 5                   | 74  |
| Jackson                  | 474                | 223                                | 204                       | 42      | 136    | 99                 | 37                 | -                   | 37  |
| Johnston                 | 1,398              | 444                                | 747                       | 204     | 360    | 326                | 34                 | 2                   | 31  |
| Jones                    | 164                | -                                  | 50                        | 113     | 49     | 49                 | -                  | -                   | -   |
| Lee                      | 916                | 827                                | 26                        | 62      | 190    | 88                 | 102                | -                   | 102 |
| Lenoir                   | 1,840              | 1,315                              | 237                       | 306     | 478    | 256                | 222                | 15                  | 207 |
| Kinston                  | 1,502              | 1,312                              | 42                        | 149     | 327    | 120                | 207                | -                   | 207 |
| Balance of county        | 438                | 3                                  | 195                       | 239     | 151    | 136                | 15                 | 15                  | -   |
| Lincoln                  | 798                | 637                                | 107                       | 54      | 171    | 111                | 60                 | -                   | 59  |
| McDowell                 | 749                | 586                                | 149                       | 14      | 147    | 82                 | 65                 | -                   | 65  |
| Macon                    | 423                | 147                                | 182                       | 92      | 121    | 80                 | 41                 | -                   | 41  |
| Madison                  | 319                | 42                                 | 169                       | 96      | 103    | 102                | 1                  | -                   | 1   |
| Martin                   | 721                | 91                                 | 428                       | 196     | 194    | 176                | 18                 | 2                   | 16  |
| Mecklenburg              | 5,811              | 5,516                              | 146                       | 147     | 1,674  | 765                | 909                | 16                  | 888 |
| Charlotte                | 5,626              | 5,515                              | 37                        | 72      | 1,360  | 435                | 867                | -                   | 864 |
| Balance of county        | 185                | 1                                  | 109                       | 75      | 314    | 272                | 42                 | 16                  | 24  |
| Mitchell                 | 495                | 308                                | 130                       | 43      | 85     | 77                 | 8                  | -                   | 7   |
| Montgomery               | 378                | 190                                | 126                       | 62      | 106    | 97                 | 9                  | -                   | 9   |
| Moore                    | 970                | 776                                | 117                       | 77      | 275    | 165                | 110                | 3                   | 93  |
| Nash                     | 2,018              | 1,079                              | 659                       | 279     | 593    | 299                | 294                | 9                   | 284 |
| Rocky Mount (part)       | 1,184              | 1,078                              | 92                        | 14      | 351    | 83                 | 268                | -                   | 267 |
| Rocky Mount (total)      | 1,559              | 1,351                              | 184                       | 24      | 442    | 151                | 297                | -                   | 296 |
| Balance of county        | 835                | 1                                  | 567                       | 265     | 242    | 216                | 26                 | 9                   | 17  |
| New Hanover              | 2,086              | 1,959                              | 24                        | 82      | 721    | 270                | 451                | 14                  | 435 |
| Wilmington               | 2,050              | 1,958                              | 17                        | 74      | 610    | 200                | 410                | -                   | 408 |
| Balance of county        | 16                 | 1                                  | 7                         | 8       | 111    | 70                 | 41                 | 14                  | 27  |
| Northampton              | 828                | 1                                  | 292                       | 335     | 147    | 146                | 1                  | 1                   | -   |
| Onslow                   | 1,110              | 900                                | 118                       | 89      | 204    | 128                | 76                 | -                   | 76  |
| Orange                   | 176                | -                                  | 109                       | 67      | 137    | 136                | 1                  | -                   | -   |
| Paullico                 | 240                | 1                                  | 157                       | 82      | 69     | 68                 | 1                  | -                   | -   |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                            | LIVE BIRTHS        |                                    |                           |          | DEATHS       |                    |                    |                     |              |
|---------------------------------|--------------------|------------------------------------|---------------------------|----------|--------------|--------------------|--------------------|---------------------|--------------|
|                                 | Total <sup>1</sup> | Attended by—                       |                           |          | Total        | Not in institution | In institution     |                     |              |
|                                 |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |              |                    | Total <sup>3</sup> | Type of institution |              |
|                                 |                    |                                    |                           |          |              |                    | Resi- dent         | Non- resi- dent     |              |
| <b>NORTH CAROLINA—Continued</b> |                    |                                    |                           |          |              |                    |                    |                     |              |
| Pasquotank                      | 737                | 450                                | 86                        | 201      | 226          | 131                | 95                 | 1                   | 94           |
| Elizabeth City                  | 550                | 450                                | 11                        | 89       | 173          | 79                 | 94                 | -                   | 94           |
| Balance of county               | 187                | -                                  | 75                        | 112      | 53           | 52                 | 1                  | -                   | -            |
| Pender                          | 379                | -                                  | 145                       | 232      | 112          | 112                | -                  | -                   | -            |
| Perruquans                      | 199                | -                                  | 61                        | 138      | 72           | 72                 | -                  | -                   | -            |
| Person                          | 696                | 288                                | 345                       | 63       | 115          | 90                 | 25                 | 4                   | 21           |
| Pitt                            | 1,779              | 757                                | 694                       | 327      | 446          | 347                | 99                 | 4                   | 88           |
| Greenville                      | 845                | 744                                | 25                        | 76       | 192          | 97                 | 95                 | 4                   | 88           |
| Balance of county               | 934                | 13                                 | 669                       | 251      | 254          | 250                | 4                  | -                   | -            |
| Polk                            | 255                | 151                                | 94                        | 10       | 87           | 62                 | 25                 | -                   | 25           |
| Randolph                        | 1,120              | 999                                | 93                        | 28       | 318          | 210                | 108                | 6                   | 102          |
| Richmond                        | 1,025              | 534                                | 322                       | 168      | 288          | 229                | 59                 | 4                   | 53           |
| Robeson                         | 2,848              | 1,048                              | 1,270                     | 530      | 620          | 482                | 138                | -                   | 121          |
| Rockingham                      | 1,722              | 1,260                              | 410                       | 51       | 469          | 307                | 161                | 3                   | 156          |
| Reidsville                      | 795                | 738                                | 57                        | 2        | 190          | 69                 | 121                | -                   | 120          |
| Balance of county               | 927                | 524                                | 353                       | 49       | 278          | 239                | 40                 | 3                   | 36           |
| Rowan                           | 1,497              | 1,218                              | 210                       | 68       | 502          | 311                | 191                | 8                   | 183          |
| Salisbury                       | 1,253              | 1,216                              | 23                        | 14       | 277          | 94                 | 183                | -                   | 183          |
| Balance of county               | 244                | 2                                  | 187                       | 54       | 225          | 217                | 8                  | 9                   | -            |
| Rutherford                      | 1,084              | 488                                | 542                       | 54       | 263          | 192                | 71                 | 2                   | 69           |
| Sampson                         | 1,325              | 317                                | 686                       | 308      | 287          | 283                | 4                  | 2                   | 1            |
| Scotland                        | 892                | 374                                | 190                       | 328      | 212          | 153                | 59                 | -                   | 59           |
| Stanly                          | 988                | 890                                | 95                        | 3        | 230          | 149                | 81                 | 3                   | 78           |
| Stokes                          | 288                | 64                                 | 218                       | 5        | 103          | 98                 | 5                  | 4                   | 1            |
| Surry                           | 1,783              | 1,303                              | 422                       | 57       | 332          | 214                | 118                | 3                   | 115          |
| Swain                           | 354                | 120                                | 161                       | 49       | 69           | 62                 | 7                  | -                   | 7            |
| Transylvania                    | 397                | 397                                | 141                       | 9        | 64           | 54                 | 10                 | -                   | 9            |
| Tyrrell                         | 163                | 123                                | 4                         | 36       | 35           | 23                 | 12                 | -                   | 12           |
| Union                           | 1,232              | 870                                | 283                       | 97       | 252          | 180                | 75                 | 4                   | 71           |
| Vance                           | 1,041              | 686                                | 69                        | 284      | 280          | 172                | 118                | 1                   | 117          |
| Wake                            | 5,522              | 2,650                              | 621                       | 251      | 1,218        | 537                | 681                | 161                 | 519          |
| Raleigh                         | 2,696              | 2,628                              | 13                        | 55       | 903          | 224                | 679                | 159                 | 519          |
| Balance of county               | 826                | 22                                 | 608                       | 196      | 315          | 313                | 2                  | 2                   | -            |
| Warren                          | 692                | 105                                | 84                        | 503      | 154          | 153                | 1                  | -                   | 1            |
| Washington                      | 319                | 57                                 | 92                        | 169      | 80           | 89                 | 1                  | -                   | -            |
| Watauga                         | 423                | 369                                | 29                        | 25       | 102          | 71                 | 31                 | -                   | 31           |
| Wayne                           | 1,598              | 768                                | 670                       | 160      | 681          | 319                | 362                | 267                 | 92           |
| Goldboro                        | 963                | 758                                | 152                       | 53       | 227          | 129                | 98                 | 4                   | 92           |
| Balance of county               | 635                | 10                                 | 518                       | 107      | 454          | 190                | 264                | 263                 | -            |
| Wilkes                          | 1,063              | 593                                | 237                       | 172      | 276          | 216                | 60                 | 5                   | 55           |
| Wilson                          | 1,950              | 1,133                              | 542                       | 275      | 587          | 313                | 274                | 15                  | 256          |
| Wilson                          | 1,373              | 1,132                              | 74                        | 167      | 398          | 143                | 255                | 1                   | 251          |
| Balance of county               | 577                | 1                                  | 468                       | 108      | 189          | 170                | 19                 | 14                  | 5            |
| Yadkin                          | 61                 | -                                  | 77                        | 4        | 86           | 85                 | 1                  | 1                   | -            |
| Yancey                          | 202                | 1                                  | 85                        | 114      | 72           | 70                 | 2                  | -                   | -            |
| <b>NORTH DAKOTA</b>             | <b>16,785</b>      | <b>15,902</b>                      | <b>787</b>                | <b>8</b> | <b>5,045</b> | <b>2,182</b>       | <b>2,863</b>       | <b>252</b>          | <b>2,549</b> |
| Adams                           | 124                | 121                                | 3                         | -        | 23           | 18                 | 5                  | -                   | 5            |
| Barnes                          | 528                | 519                                | 6                         | -        | 139          | 44                 | 95                 | 1                   | 94           |
| Benson                          | 145                | 135                                | 4                         | -        | 60           | 41                 | 19                 | -                   | 19           |
| Billings                        | -                  | -                                  | -                         | -        | 2            | 2                  | -                  | -                   | -            |
| Bottineau                       | 298                | 283                                | 15                        | -        | 85           | 37                 | 49                 | -                   | 49           |
| Bowman                          | 85                 | 77                                 | 5                         | -        | 12           | 12                 | -                  | -                   | -            |
| Burke                           | 91                 | 76                                 | 11                        | -        | 34           | 27                 | 7                  | -                   | 7            |
| Burlingame                      | 1,607              | 1,593                              | 10                        | 1        | 383          | 61                 | 322                | 1                   | 318          |
| Bismarck                        | 1,600              | 1,593                              | 6                         | -        | 370          | 48                 | 322                | 1                   | 318          |
| Balance of county               | 7                  | -                                  | 4                         | 1        | 13           | 13                 | -                  | -                   | -            |
| Cass                            | 2,287              | 2,266                              | 21                        | -        | 671          | 211                | 460                | 13                  | 442          |
| Fargo                           | 2,274              | 2,262                              | 12                        | -        | 490          | 144                | 346                | 4                   | 338          |
| Balance of county               | 13                 | 4                                  | 9                         | -        | 181          | 67                 | 114                | 9                   | 104          |
| Cavalier                        | 328                | 310                                | 15                        | -        | 92           | 59                 | 33                 | 6                   | 27           |
| Dickey                          | 174                | 155                                | 19                        | -        | 57           | 45                 | 12                 | -                   | 12           |
| Divide                          | 145                | 144                                | 1                         | -        | 48           | 28                 | 22                 | 5                   | 17           |
| Dunn                            | 54                 | -                                  | 29                        | -        | 24           | 24                 | -                  | -                   | -            |
| Eddy                            | 177                | 175                                | 2                         | -        | 52           | 17                 | 35                 | -                   | 35           |
| Emmons                          | 160                | 6                                  | 151                       | -        | 34           | 34                 | -                  | -                   | -            |
| Foster                          | 148                | 131                                | 16                        | -        | 58           | 25                 | 33                 | -                   | 33           |
| Golden Valley                   | 144                | 143                                | 1                         | -        | 35           | 14                 | 21                 | -                   | 21           |
| Grand Forks                     | 1,535              | 1,522                              | 12                        | -        | 378          | 117                | 261                | 24                  | 236          |
| Grand Forks                     | 1,419              | 1,411                              | 8                         | -        | 285          | 89                 | 217                | 2                   | 214          |
| Balance of county               | 116                | 111                                | 4                         | -        | 93           | 49                 | 44                 | 22                  | 22           |
| Grant                           | 216                | 199                                | 17                        | -        | 47           | 24                 | 23                 | -                   | 23           |
| Griggs                          | 53                 | 50                                 | 3                         | -        | 17           | 16                 | 1                  | -                   | 1            |
| Hettinger                       | 76                 | 21                                 | 54                        | 1        | 25           | 25                 | -                  | -                   | -            |
| Kidder                          | 4                  | -                                  | 3                         | -        | 25           | 25                 | -                  | -                   | -            |
| La Moure                        | 209                | 177                                | 30                        | -        | 50           | 44                 | 6                  | 6                   | -            |
| Logan                           | 47                 | 22                                 | 19                        | -        | 18           | 18                 | -                  | -                   | -            |
| McHenry                         | 1                  | -                                  | -                         | -        | 43           | 43                 | -                  | -                   | -            |
| McIntosh                        | 47                 | 11                                 | 32                        | -        | 32           | 32                 | -                  | -                   | -            |
| McKenzie                        | 21                 | 13                                 | 6                         | 1        | 36           | 36                 | -                  | -                   | -            |
| McLean                          | 131                | 97                                 | 21                        | 2        | 64           | 61                 | 3                  | -                   | 3            |
| Mercer                          | 224                | 217                                | 4                         | -        | 36           | 17                 | 19                 | -                   | 17           |
| Morton                          | 324                | 273                                | 48                        | -        | 100          | 63                 | 37                 | 2                   | 29           |
| Mountrail                       | 105                | 80                                 | 26                        | -        | 47           | 38                 | 9                  | 2                   | 4            |
| Nelson                          | 80                 | 78                                 | 2                         | -        | 66           | 45                 | 21                 | 3                   | 17           |
| Oliyer                          | 5                  | -                                  | 1                         | -        | 4            | 4                  | -                  | -                   | -            |
| Pembina                         | 104                | 74                                 | 29                        | -        | 89           | 70                 | 19                 | 1                   | 3            |
| Pierce                          | 360                | 359                                | 1                         | -        | 104          | 78                 | 26                 | -                   | 26           |
| Ramsey                          | 620                | 608                                | 11                        | -        | 174          | 67                 | 107                | 3                   | 101          |

See footnotes on p. 111.  
891543 O-50-10

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                   | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                     |               |
|------------------------|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|---------------------|---------------|
|                        | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                     |               |
|                        |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution |               |
|                        |                    |                                    |                           |           |               |                    | Resident           | Non-resident        |               |
| NORTH DAKOTA—Continued |                    |                                    |                           |           |               |                    |                    |                     |               |
| Ransom                 | 45                 | 16                                 | 28                        | -         | 43            | 42                 | 1                  | 1                   | -             |
| Renville               | 1                  | -                                  | 1                         | -         | 27            | 27                 | -                  | -                   | -             |
| Richland               | 154                | 146                                | 7                         | -         | 98            | 54                 | 44                 | -                   | 42            |
| Rolette                | 379                | 365                                | 5                         | 3         | 109           | 36                 | 73                 | -                   | 69            |
| Sargent                | 11                 | 1                                  | 10                        | -         | 37            | 37                 | -                  | -                   | -             |
| Sheridan               | 28                 | -                                  | 28                        | -         | 12            | 12                 | -                  | -                   | -             |
| Sioux                  | 84                 | 71                                 | 2                         | -         | 29            | 10                 | 19                 | -                   | 19            |
| Slope                  | -                  | -                                  | -                         | -         | 11            | 11                 | -                  | -                   | -             |
| Stark                  | 950                | 958                                | 12                        | -         | 194           | 59                 | 135                | 6                   | 124           |
| Steele                 | 91                 | 90                                 | 1                         | -         | 29            | 13                 | 16                 | -                   | 15            |
| Stutsman               | 805                | 780                                | 24                        | -         | 340           | 63                 | 277                | 144                 | 133           |
| Towner                 | 107                | 99                                 | 7                         | -         | 36            | 32                 | 4                  | -                   | 4             |
| Trails                 | 182                | 159                                | 2                         | -         | 82            | 59                 | 23                 | -                   | 20            |
| Walsh                  | 576                | 572                                | 3                         | -         | 209           | 92                 | 117                | 33                  | 91            |
| Ward                   | 1,695              | 1,686                              | 9                         | -         | 397           | 80                 | 317                | 1                   | 316           |
| Minot                  | 1,531              | 1,525                              | 6                         | -         | 341           | 49                 | 292                | 1                   | 291           |
| Balance of county      | 164                | 161                                | 3                         | -         | 56            | 31                 | 25                 | -                   | 25            |
| Wells                  | 365                | 349                                | 15                        | -         | 58            | 58                 | -                  | -                   | 27            |
| Williams               | 702                | 695                                | 6                         | -         | 172           | 81                 | 111                | -                   | 111           |
| <b>OHIO</b>            | <b>186,111</b>     | <b>174,236</b>                     | <b>11,587</b>             | <b>44</b> | <b>80,566</b> | <b>43,135</b>      | <b>37,431</b>      | <b>4,471</b>        | <b>31,652</b> |
| Adams                  | 305                | 4                                  | 297                       | 2         | 181           | 181                | -                  | -                   | -             |
| Allen                  | 3,480              | 3,381                              | 97                        | -         | 1,105         | 450                | 655                | 30                  | 613           |
| Lima                   | 3,086              | 3,051                              | 34                        | -         | 834           | 265                | 569                | -                   | 565           |
| Balance of county      | 394                | 350                                | 43                        | -         | 271           | 185                | 86                 | 30                  | 48            |
| Ashland                | 667                | 661                                | 6                         | -         | 320           | 221                | 99                 | 6                   | 83            |
| Ashland                | 661                | 661                                | -                         | -         | 175           | 88                 | 87                 | -                   | 79            |
| Balance of county      | 6                  | 6                                  | -                         | -         | 145           | 133                | 12                 | 6                   | 4             |
| Ashtabula              | 1,640              | 1,571                              | 68                        | -         | 843           | 511                | 332                | 55                  | 270           |
| Ashtabula              | 901                | 879                                | 22                        | -         | 299           | 147                | 152                | 4                   | 148           |
| Balance of county      | 739                | 692                                | 46                        | -         | 544           | 364                | 180                | 51                  | 122           |
| Athens                 | 726                | 506                                | 216                       | -         | 579           | 382                | 197                | 130                 | 84            |
| Auglaize               | 31                 | -                                  | -                         | -         | 243           | 209                | 34                 | 10                  | 17            |
| Belmont                | 1,574              | 1,801                              | 170                       | -         | 961           | 590                | 371                | 22                  | 334           |
| Bellairs               | 580                | 555                                | 7                         | -         | 187           | 100                | 87                 | -                   | 86            |
| Martins Ferry          | 958                | 957                                | 1                         | -         | 215           | 21                 | 222                | 4                   | 209           |
| Balance of county      | 456                | 291                                | 162                       | -         | 481           | 399                | 82                 | 18                  | 39            |
| Brown                  | 229                | 3                                  | 224                       | 1         | 228           | 217                | 11                 | -                   | -             |
| Butler                 | 4,275              | 4,118                              | 153                       | -         | 1,287         | 621                | 666                | 11                  | 650           |
| Hamilton               | 2,528              | 2,456                              | 70                        | -         | 708           | 253                | 456                | 2                   | 452           |
| Middletown             | 1,663              | 1,662                              | 20                        | -         | 359           | 161                | 198                | 9                   | 198           |
| Balance of county      | 64                 | -                                  | 63                        | -         | 259           | 207                | 12                 | -                   | -             |
| Carroll                | 125                | -                                  | 125                       | -         | 155           | 142                | 13                 | 13                  | -             |
| Champaign              | 506                | 474                                | 32                        | -         | 260           | 189                | 71                 | 1                   | 70            |
| Clark                  | 2,768              | 2,602                              | 162                       | -         | 1,256         | 637                | 621                | 128                 | 481           |
| Springfield            | 2,720              | 2,602                              | 114                       | -         | 1,030         | 478                | 522                | 48                  | 461           |
| Balance of county      | 43                 | -                                  | 48                        | -         | 258           | 159                | 99                 | 7                   | 20            |
| Clermont               | 298                | 1                                  | 296                       | -         | 309           | 302                | 7                  | 5                   | -             |
| Clinton                | 383                | 163                                | 220                       | -         | 222           | 196                | 27                 | 15                  | 12            |
| Columbians             | 2,737              | 2,427                              | 305                       | -         | 1,065         | 626                | 439                | 26                  | 377           |
| East Liverpool         | 1,315              | 1,220                              | 94                        | -         | 355           | 147                | 208                | 2                   | 196           |
| Salem                  | 1,211              | 1,205                              | 6                         | -         | 264           | 36                 | 181                | -                   | 181           |
| Balance of county      | 211                | 2                                  | 205                       | -         | 446           | 396                | 50                 | 24                  | -             |
| Coshocton              | 709                | 671                                | 36                        | -         | 373           | 253                | 120                | 7                   | 107           |
| Coshocton              | 672                | 671                                | 1                         | -         | 216           | 106                | 110                | 1                   | 107           |
| Balance of county      | 37                 | -                                  | 37                        | -         | 157           | 147                | 10                 | 6                   | -             |
| Crawford               | 1,233              | 1,196                              | 35                        | -         | 440           | 250                | 190                | 9                   | 179           |
| Cuyahoga               | 32,818             | 31,943                             | 845                       | 7         | 13,696        | 6,627              | 7,069              | 523                 | 6,394         |
| Cleveland              | 27,138             | 26,302                             | 807                       | 6         | 10,348        | 4,643              | 5,705              | 387                 | 5,192         |
| Cleveland Heights      | 223                | 223                                | -                         | -         | 414           | 306                | 108                | 13                  | 95            |
| East Cleveland         | 2,825              | 2,823                              | 2                         | -         | 509           | 210                | 299                | 3                   | 296           |
| Lakewood               | 1,311              | 1,307                              | 4                         | -         | 623           | 414                | 209                | 4                   | 204           |
| Euclid                 | 7                  | -                                  | 7                         | -         | 169           | 151                | 38                 | -                   | 13            |
| Garfield Heights       | 3                  | -                                  | 3                         | -         | 99            | 87                 | 12                 | 2                   | 9             |
| Parma                  | 6                  | -                                  | 6                         | -         | 103           | 84                 | 19                 | 16                  | 1             |
| Shaker Heights         | 5                  | -                                  | 5                         | -         | 126           | 126                | -                  | -                   | -             |
| Balance of county      | 1,302              | 1,288                              | 15                        | 1         | 1,303         | 626                | 679                | 86                  | 586           |
| Darke                  | 822                | 770                                | 52                        | -         | 404           | 311                | 93                 | 17                  | 75            |
| Defiance               | 768                | 754                                | 13                        | -         | 274           | 166                | 106                | 9                   | 94            |
| Delaware               | 496                | 451                                | 44                        | -         | 303           | 186                | 115                | 17                  | 92            |
| Erie                   | 1,156              | 1,123                              | 13                        | -         | 558           | 249                | 309                | 46                  | 259           |
| Sandusky               | 1,129              | 1,123                              | 6                         | -         | 399           | 133                | 266                | 5                   | 259           |
| Balance of county      | 7                  | -                                  | 7                         | -         | 159           | 116                | 43                 | 45                  | -             |
| Fairfield              | 1,108              | 962                                | 143                       | -         | 498           | 341                | 157                | 12                  | 140           |
| Lancaster              | 1,006              | 982                                | 44                        | -         | 287           | 147                | 140                | -                   | 140           |
| Balance of county      | 99                 | -                                  | 99                        | -         | 211           | 194                | 17                 | 12                  | -             |
| Fayette                | 278                | 2                                  | 276                       | -         | 232           | 169                | 63                 | 6                   | 36            |
| Franklin               | 13,411             | 12,907                             | 493                       | -         | 5,383         | 2,607              | 2,776              | 389                 | 2,310         |
| Columbus               | 13,145             | 12,613                             | 522                       | -         | 4,668         | 2,066              | 2,602              | 319                 | 2,209         |
| Balance of county      | 266                | 94                                 | 171                       | -         | 715           | 541                | 174                | 70                  | 101           |
| Fulton                 | 643                | 612                                | 30                        | -         | 286           | 184                | 102                | 15                  | 72            |
| Gallia                 | 829                | 653                                | 152                       | 1         | 421           | 178                | 243                | 108                 | 134           |
| Geauga                 | 356                | 248                                | 82                        | 4         | 164           | 134                | 30                 | 14                  | 7             |
| Greene                 | 838                | 633                                | 204                       | -         | 993           | 308                | 685                | 24                  | 43            |
| Xenia                  | 178                | 133                                | 45                        | -         | 115           | 92                 | 24                 | -                   | 23            |
| Balance of county      | 660                | 500                                | 159                       | -         | 277           | 214                | 63                 | 24                  | 20            |
| Guernsey               | 685                | 533                                | 129                       | 1         | 629           | 292                | 337                | 195                 | 134           |
| Cambridge              | 559                | 532                                | 26                        | -         | 271           | 113                | 158                | 22                  | 133           |
| Balance of county      | 106                | 1                                  | 103                       | 1         | 358           | 179                | 179                | 173                 | 1             |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                  | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                       |       |
|-----------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|-----------------------|-------|
|                       | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                       |       |
|                       |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution   |       |
|                       |                    |                                    |                           |         |        |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |       |
| <b>OHIO—Continued</b> |                    |                                    |                           |         |        |                    |                    |                       |       |
| Hamilton              | 17,173             | 17,175                             | 534                       | 2       | 8,567  | 4,022              | 4,545              | 645                   | 3,874 |
| Cincinnati            | 16,072             | 15,727                             | 320                       | 1       | 7,284  | 3,018              | 4,266              | 441                   | 3,807 |
| Norwood               | 7                  | 1                                  | 6                         | -       | 169    | 168                | 1                  | -                     | -     |
| Balance of county     | 1,658              | 1,447                              | 208                       | 1       | 1,114  | 656                | 278                | 204                   | 67    |
| Montgomery            | 1,626              | 1,599                              | 27                        | -       | 627    | 298                | 329                | 8                     | 314   |
| Findlay               | 892                | 892                                | 5                         | -       | 355    | 153                | 202                | 8                     | 197   |
| Footoria (part)       | 592                | 582                                | -                         | -       | 125    | 14                 | 111                | -                     | 109   |
| Balance of county     | 146                | 124                                | 22                        | -       | 147    | 131                | 16                 | 8                     | 8     |
| Hardin                | 768                | 705                                | 83                        | -       | 358    | 150                | 208                | 29                    | 171   |
| Harrison              | 40                 | -                                  | 40                        | -       | 164    | 152                | 12                 | 6                     | 4     |
| Henry                 | 390                | 356                                | 34                        | -       | 222    | 166                | 56                 | 11                    | 36    |
| Highland              | 671                | 489                                | 181                       | -       | 351    | 248                | 85                 | 8                     | 71    |
| Hocking               | 555                | 449                                | 100                       | 1       | 188    | 138                | 50                 | -                     | 22    |
| Holmes                | 554                | 480                                | 93                        | -       | 196    | 126                | 70                 | 5                     | 63    |
| Huron                 | 992                | 955                                | 37                        | -       | 470    | 288                | 182                | 24                    | 149   |
| Jackson               | 425                | 6                                  | 414                       | 2       | 238    | 235                | 3                  | 3                     | -     |
| Jefferson             | 2,454              | 2,434                              | 122                       | -       | 912    | 515                | 397                | 17                    | 374   |
| Steubenville          | 2,442              | 2,432                              | 13                        | -       | 562    | 208                | 374                | -                     | 374   |
| Balance of county     | 112                | 2                                  | 109                       | -       | 350    | 307                | 25                 | 17                    | -     |
| Knott                 | 968                | 945                                | 25                        | -       | 440    | 212                | 228                | 18                    | 201   |
| Mount Vernon          | 850                | 943                                | 7                         | -       | 256    | 85                 | 171                | 1                     | 168   |
| Balance of county     | 18                 | -                                  | 18                        | -       | 184    | 127                | 57                 | 17                    | 33    |
| Lake                  | 1,094              | 1,076                              | 18                        | -       | 540    | 329                | 212                | 28                    | 155   |
| Painesville           | 1,081              | 1,076                              | 5                         | -       | 224    | 69                 | 155                | 3                     | 152   |
| Balance of county     | 13                 | -                                  | 13                        | -       | 316    | 259                | 57                 | 25                    | 3     |
| Lawrence              | 1,085              | 947                                | 125                       | 2       | 399    | 252                | 147                | -                     | 147   |
| Lebanon               | 964                | 947                                | 16                        | -       | 247    | 100                | 147                | -                     | 147   |
| Balance of county     | 121                | -                                  | 109                       | 2       | 152    | 152                | -                  | -                     | -     |
| Licking               | 1,208              | 1,142                              | 66                        | -       | 758    | 460                | 298                | 25                    | 250   |
| Newark                | 1,163              | 1,142                              | 21                        | -       | 475    | 215                | 262                | 3                     | 246   |
| Balance of county     | 45                 | -                                  | 45                        | -       | 285    | 247                | 36                 | 22                    | 4     |
| Logan                 | 622                | 580                                | 42                        | -       | 405    | 282                | 121                | 20                    | 92    |
| Lorain                | 3,506              | 3,471                              | 32                        | -       | 1,327  | 757                | 590                | 33                    | 546   |
| Elyria                | 1,225              | 1,219                              | 5                         | -       | 555    | 164                | 191                | 11                    | 177   |
| Lorain                | 1,719              | 1,709                              | 10                        | -       | 538    | 266                | 272                | 4                     | 264   |
| Balance of county     | 562                | 543                                | 17                        | -       | 434    | 307                | 127                | 18                    | 105   |
| Lucas                 | 10,622             | 10,367                             | 242                       | 2       | 4,575  | 1,943              | 2,732              | 338                   | 2,371 |
| Toledo                | 10,534             | 10,367                             | 157                       | 2       | 4,213  | 1,498              | 2,715              | 325                   | 2,369 |
| Balance of county     | 89                 | -                                  | 85                        | -       | 362    | 345                | 17                 | 13                    | 2     |
| Madison               | 205                | 2                                  | 203                       | -       | 158    | 157                | 1                  | 21                    | -     |
| Mahoning              | 6,198              | 6,085                              | 105                       | 4       | 2,536  | 1,158              | 1,398              | 55                    | 1,322 |
| Youngstown (part)     | 6,155              | 6,084                              | 66                        | 3       | 2,076  | 785                | 1,291              | 9                     | 1,283 |
| Youngstown (total)    | 6,155              | 6,084                              | 66                        | 3       | 2,076  | 785                | 1,291              | 9                     | 1,283 |
| Campbell              | 10                 | -                                  | 8                         | -       | 45     | 44                 | 1                  | -                     | 1     |
| Struthers             | 4                  | -                                  | 4                         | -       | 47     | 47                 | -                  | -                     | -     |
| Balance of county     | 28                 | 1                                  | 27                        | -       | 369    | 262                | 106                | 46                    | 58    |
| Marion                | 1,283              | 1,245                              | 38                        | -       | 513    | 295                | 218                | 7                     | 201   |
| Marion                | 1,256              | 1,245                              | 11                        | -       | 409    | 211                | 198                | 7                     | 189   |
| Balance of county     | 27                 | -                                  | 27                        | -       | 104    | 84                 | 20                 | 7                     | 12    |
| Medina                | 1,284              | 1,274                              | 11                        | -       | 362    | 210                | 172                | 13                    | 154   |
| Meigs                 | 312                | 122                                | 198                       | -       | 206    | 184                | 22                 | 3                     | 14    |
| Morcer                | 1,002              | 992                                | 8                         | -       | 282    | 172                | 110                | 14                    | 96    |
| Miami                 | 1,775              | 1,750                              | 23                        | -       | 644    | 580                | 264                | 9                     | 247   |
| Piquet                | 968                | 964                                | 4                         | -       | 261    | 121                | 140                | 9                     | 140   |
| Balance of county     | 805                | 786                                | 19                        | -       | 383    | 259                | 124                | 9                     | 107   |
| Monroe                | 160                | 3                                  | 149                       | -       | 166    | 164                | 2                  | 2                     | -     |
| Montgomery            | 11,636             | 11,438                             | 197                       | -       | 4,213  | 1,784              | 2,429              | 273                   | 2,106 |
| Dayton                | 11,516             | 11,435                             | 81                        | -       | 2,995  | 1,201              | 1,794              | 169                   | 1,593 |
| Balance of county     | 120                | 3                                  | 116                       | -       | 1,218  | 583                | 635                | 104                   | 523   |
| Morgan                | 83                 | 81                                 | -                         | -       | 154    | 126                | 28                 | -                     | 28    |
| Morrow                | 15                 | -                                  | 15                        | -       | 147    | 136                | 11                 | 7                     | -     |
| Muskingum             | 2,348              | 2,288                              | 58                        | 1       | 932    | 475                | 457                | 20                    | 406   |
| Zanesville            | 2,323              | 2,288                              | 34                        | -       | 723    | 274                | 449                | 13                    | 406   |
| Balance of county     | 25                 | -                                  | 24                        | 1       | 209    | 201                | 8                  | 7                     | -     |
| Noble                 | 118                | 66                                 | 51                        | -       | 102    | 102                | -                  | -                     | -     |
| Ottawa                | 494                | 450                                | 42                        | -       | 266    | 181                | 85                 | 5                     | 79    |
| Paulding              | 224                | 210                                | 14                        | -       | 143    | 96                 | 47                 | 3                     | 44    |
| Perry                 | 184                | -                                  | 184                       | -       | 296    | 268                | 28                 | 27                    | -     |
| Pickaway              | 491                | 356                                | 133                       | -       | 328    | 218                | 110                | 75                    | 34    |
| Pike                  | 247                | 1                                  | 231                       | -       | 115    | 109                | 6                  | 6                     | 6     |
| Portage               | 1,131              | 1,108                              | 23                        | -       | 497    | 294                | 203                | 6                     | 195   |
| Preble                | 38                 | -                                  | 38                        | -       | 206    | 197                | 9                  | 7                     | 1     |
| Putnam                | 31                 | -                                  | 31                        | -       | 150    | 146                | 4                  | 4                     | -     |
| Richland              | 2,291              | 2,217                              | 73                        | -       | 865    | 412                | 451                | 12                    | 373   |
| Mansfield             | 1,761              | 1,742                              | 19                        | -       | 485    | 216                | 269                | -                     | 265   |
| Balance of county     | 530                | 475                                | 54                        | -       | 378    | 196                | 182                | 12                    | 108   |
| Ross                  | 1,222              | 730                                | 487                       | -       | 537    | 337                | 200                | 73                    | 126   |
| Chillicothe           | 792                | 728                                | 61                        | -       | 272    | 161                | 111                | 73                    | 111   |
| Balance of county     | 430                | 2                                  | 426                       | -       | 265    | 176                | 89                 | 73                    | 15    |
| Sandusky              | 1,321              | 1,281                              | 38                        | -       | 533    | 289                | 244                | 13                    | 224   |
| Freemont              | 938                | 936                                | 1                         | -       | 230    | 93                 | 137                | -                     | 136   |
| Balance of county     | 383                | 345                                | 37                        | -       | 303    | 196                | 107                | 13                    | 88    |
| Scioto                | 2,262              | 1,896                              | 359                       | 6       | 887    | 515                | 372                | 8                     | 347   |
| Portsmouth            | 1,941              | 1,890                              | 51                        | -       | 636    | 267                | 369                | 5                     | 347   |
| Balance of county     | 321                | 6                                  | 308                       | 6       | 251    | 248                | 3                  | 3                     | -     |
| Senson                | 935                | 900                                | 35                        | -       | 506    | 299                | 207                | 45                    | 157   |
| Footoria (part)       | 4                  | -                                  | 4                         | -       | 77     | 69                 | 8                  | -                     | 8     |
| Footoria (total)      | 586                | 582                                | 4                         | -       | 202    | 83                 | 119                | -                     | 117   |
| Tiffin                | 903                | 899                                | 4                         | -       | 272    | 100                | 172                | 29                    | 142   |
| Balance of county     | 28                 | 1                                  | 27                        | -       | 157    | 130                | 27                 | 16                    | 7     |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                   | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |              |
|------------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|--------------|
|                        | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |              |
|                        |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |              |
|                        |                    |                                    |                           |              |               |                    | Resi- dent         | Non- resi- dent     |              |
| OHIO—Continued         |                    |                                    |                           |              |               |                    |                    |                     |              |
| Shelby-----            | 663                | 632                                | 31                        | -            | 294           | 185                | 109                | 15                  | 94           |
| Stark-----             | 7,421              | 7,235                              | 181                       | 2            | 2,856         | 1,537              | 1,519              | 316                 | 1,146        |
| Canton-----            | 4,984              | 4,932                              | 50                        | -            | 1,318         | 559                | 759                | 6                   | 722          |
| Massillon-----         | 1,249              | 1,243                              | 5                         | -            | 394           | 161                | 223                | 9                   | 210          |
| Alliance-----          | 1,065              | 1,047                              | 7                         | 1            | 334           | 173                | 161                | -                   | 160          |
| Balance of county----- | 133                | 13                                 | 119                       | 1            | 820           | 444                | 376                | 301                 | 54           |
| Summit-----            | 10,650             | 10,474                             | 151                       | 4            | 3,201         | 1,536              | 1,665              | 195                 | 1,414        |
| Akron-----             | 9,539              | 9,433                              | 98                        | -            | 2,376         | 1,034              | 1,344              | 43                  | 1,285        |
| Barberton-----         | 1,076              | 1,041                              | 21                        | 2            | 235           | 137                | 98                 | 1                   | 88           |
| Chynoweth Falls-----   | 2                  | -                                  | 2                         | -            | 128           | 104                | 24                 | 16                  | 2            |
| Balance of county----- | 34                 | -                                  | 30                        | 2            | 460           | 261                | 199                | 135                 | 39           |
| Trombly-----           | 2,922              | 2,832                              | 89                        | -            | 1,119         | 638                | 481                | 14                  | 448          |
| Youngstown (part)----- | -                  | -                                  | -                         | -            | -             | -                  | -                  | -                   | -            |
| Warren-----            | 2,839              | 2,829                              | 10                        | -            | 604           | 189                | 415                | 5                   | 409          |
| Miles-----             | 16                 | -                                  | 16                        | -            | 76            | 76                 | -                  | -                   | -            |
| Balance of county----- | 67                 | 3                                  | 63                        | -            | 439           | 373                | 66                 | 9                   | 39           |
| Tuscarawas-----        | 1,624              | 1,510                              | 112                       | -            | 764           | 466                | 298                | 26                  | 254          |
| New Philadelphia-----  | 9                  | -                                  | 9                         | -            | 101           | 79                 | 22                 | 2                   | 12           |
| Balance of county----- | 1,615              | 1,510                              | 103                       | -            | 663           | 387                | 276                | 24                  | 242          |
| Union-----             | 97                 | 14                                 | 81                        | -            | 181           | 175                | 6                  | 6                   | -            |
| Van Wert-----          | 515                | 462                                | 53                        | -            | 278           | 167                | 111                | 14                  | 96           |
| Vinton-----            | 202                | 7                                  | 190                       | -            | 93            | 80                 | 13                 | 7                   | -            |
| Warren-----            | 145                | 9                                  | 135                       | 1            | 296           | 247                | 51                 | 38                  | 2            |
| Washington-----        | 985                | 828                                | 157                       | -            | 511           | 361                | 150                | 6                   | 144          |
| Marietta-----          | 852                | 828                                | 24                        | -            | 295           | 150                | 145                | 1                   | 144          |
| Balance of county----- | 133                | -                                  | 133                       | -            | 216           | 211                | 5                  | 5                   | -            |
| Wayne-----             | 957                | 810                                | 146                       | -            | 525           | 363                | 162                | 37                  | 107          |
| Wooster-----           | 810                | 807                                | 3                         | -            | 209           | 93                 | 116                | -                   | 301          |
| Balance of county----- | 147                | 3                                  | 142                       | -            | 316           | 270                | 46                 | 37                  | 6            |
| Williams-----          | 415                | 353                                | 61                        | -            | 303           | 235                | 68                 | 11                  | 39           |
| Wood-----              | 410                | 331                                | 79                        | 1            | 404           | 343                | 61                 | 15                  | 42           |
| Wyandot-----           | 54                 | -                                  | 54                        | -            | 192           | 176                | 16                 | 10                  | -            |
| <b>OKLAHOMA-----</b>   | <b>49,736</b>      | <b>41,015</b>                      | <b>7,311</b>              | <b>1,015</b> | <b>18,591</b> | <b>10,846</b>      | <b>7,745</b>       | <b>790</b>          | <b>6,623</b> |
| Adair-----             | 173                | 35                                 | 99                        | 15           | 94            | 93                 | 1                  | -                   | -            |
| Alfalfa-----           | 136                | 133                                | 2                         | -            | 86            | 44                 | 44                 | -                   | 43           |
| Atoka-----             | 319                | 108                                | 198                       | 8            | 97            | 80                 | 17                 | -                   | 17           |
| Beaver-----            | 181                | 171                                | 9                         | -            | 50            | 34                 | 16                 | -                   | 16           |
| Beckham-----           | 667                | 659                                | 7                         | -            | 206           | 95                 | 111                | -                   | 111          |
| Blaine-----            | 325                | 250                                | 61                        | 12           | 125           | 82                 | 43                 | -                   | 42           |
| Bryan-----             | 714                | 457                                | 250                       | 4            | 250           | 194                | 56                 | -                   | 54           |
| Durant-----            | 506                | 456                                | 50                        | -            | 123           | 69                 | 54                 | -                   | 52           |
| Balance of county----- | 208                | 1                                  | 200                       | 4            | 127           | 125                | 2                  | -                   | 2            |
| Caddo-----             | 768                | 556                                | 195                       | 13           | 239           | 174                | 65                 | -                   | 64           |
| Canadian-----          | 350                | 308                                | 40                        | -            | 178           | 130                | 48                 | 3                   | 41           |
| El Reno-----           | 322                | 308                                | 14                        | -            | 121           | 78                 | 43                 | -                   | 39           |
| Balance of county----- | 28                 | -                                  | 26                        | -            | 57            | 52                 | 5                  | 3                   | 2            |
| Carters-----           | 748                | 550                                | 181                       | 14           | 323           | 219                | 104                | 6                   | 98           |
| Ardmore-----           | 611                | 546                                | 59                        | 7            | 239           | 136                | 103                | 5                   | 98           |
| Balance of county----- | 137                | 4                                  | 123                       | 7            | 84            | 83                 | 1                  | 1                   | -            |
| Cherokee-----          | 676                | 556                                | 84                        | 22           | 148           | 91                 | 57                 | -                   | 57           |
| Choctaw-----           | 456                | 227                                | 152                       | 69           | 188           | 159                | 29                 | -                   | 27           |
| Cimarron-----          | 26                 | 17                                 | 9                         | -            | 19            | 18                 | 1                  | -                   | -            |
| Cleveland-----         | 742                | 688                                | 50                        | 3            | 392           | 116                | 276                | 228                 | 45           |
| Norman-----            | 691                | 687                                | 4                         | -            | 262           | 67                 | 325                | 177                 | 45           |
| Balance of county----- | 51                 | 1                                  | 46                        | 3            | 130           | 59                 | 51                 | 51                  | -            |
| Coal-----              | 92                 | 84                                 | 3                         | 3            | 47            | 47                 | -                  | -                   | -            |
| Comanche-----          | 1,653              | 1,486                              | 144                       | 22           | 309           | 166                | 143                | -                   | 142          |
| Lawton-----            | 785                | 717                                | 47                        | 20           | 196           | 107                | 89                 | -                   | 90           |
| Balance of county----- | 868                | 768                                | 97                        | 2            | 111           | 59                 | 52                 | -                   | 52           |
| Cotton-----            | 123                | 44                                 | 77                        | 1            | 66            | 62                 | 4                  | -                   | 4            |
| Craig-----             | 338                | 305                                | 31                        | -            | 295           | 91                 | 204                | 165                 | 26           |
| Creek-----             | 686                | 434                                | 185                       | 56           | 331           | 317                | 14                 | -                   | 71           |
| Sapulpa-----           | 306                | 263                                | 11                        | 30           | 164           | 111                | 53                 | -                   | 52           |
| Balance of county----- | 380                | 171                                | 174                       | 26           | 227           | 206                | 21                 | -                   | 19           |
| Custer-----            | 651                | 625                                | 21                        | -            | 290           | 100                | 190                | -                   | 190          |
| Delaware-----          | 98                 | 4                                  | 77                        | 6            | 92            | 90                 | 2                  | -                   | -            |
| Dewey-----             | 47                 | 17                                 | 30                        | -            | 38            | 33                 | 5                  | -                   | -            |
| Ellis-----             | 185                | 182                                | 3                         | -            | 83            | 39                 | 44                 | -                   | 44           |
| Garfield-----          | 1,456              | 1,424                              | 30                        | 2            | 537           | 187                | 350                | 40                  | 300          |
| Enid-----              | 1,441              | 1,424                              | 16                        | 1            | 444           | 129                | 315                | 6                   | 299          |
| Balance of county----- | 15                 | -                                  | 14                        | 1            | 93            | 58                 | 35                 | 34                  | 1            |
| Garvin-----            | 741                | 682                                | 57                        | 1            | 189           | 123                | 66                 | 10                  | 56           |
| Grady-----             | 780                | 598                                | 181                       | 1            | 318           | 195                | 123                | -                   | 117          |
| Chickasha-----         | 673                | 597                                | 76                        | -            | 221           | 99                 | 122                | -                   | 117          |
| Balance of county----- | 107                | 1                                  | 105                       | 1            | 97            | 96                 | 1                  | -                   | -            |
| Grant-----             | 6                  | -                                  | 6                         | -            | 52            | 52                 | -                  | -                   | -            |
| Greer-----             | 219                | 187                                | 32                        | -            | 99            | 59                 | 40                 | 2                   | 36           |
| Harmon-----            | 109                | 68                                 | 41                        | -            | 54            | 38                 | 16                 | -                   | 6            |
| Harper-----            | 30                 | 12                                 | 18                        | -            | 27            | 27                 | -                  | -                   | -            |
| Haskell-----           | 213                | -                                  | 207                       | 6            | 71            | 71                 | -                  | -                   | -            |
| Rogers-----            | 501                | 355                                | 130                       | 12           | 191           | 126                | 65                 | -                   | 64           |
| Jackson-----           | 490                | 438                                | 48                        | 4            | 161           | 113                | 48                 | -                   | 41           |
| Jefferson-----         | 180                | 128                                | 51                        | 1            | 62            | 47                 | 15                 | -                   | 14           |
| Johnston-----          | 128                | 59                                 | 65                        | 2            | 62            | 62                 | -                  | -                   | 200          |
| Kay-----               | 1,170              | 1,133                              | 37                        | -            | 438           | 231                | 207                | -                   | 137          |
| Ponca City-----        | 788                | 786                                | 3                         | -            | 220           | 82                 | 138                | -                   | 63           |
| Balance of county----- | 381                | 247                                | 34                        | -            | 218           | 149                | 69                 | -                   | 63           |
| Kingfisher-----        | 218                | 173                                | 42                        | 3            | 87            | 56                 | 31                 | -                   | 10           |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA               | LIVE BIRTHS        |                                    |                           |          | DEATHS        |                    |                    |                     |              |
|--------------------|--------------------|------------------------------------|---------------------------|----------|---------------|--------------------|--------------------|---------------------|--------------|
|                    | Total <sup>1</sup> | Attended by—                       |                           |          | Total         | Not in institution | In institution     |                     |              |
|                    |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |               |                    | Total <sup>3</sup> | Type of institution |              |
|                    |                    |                                    |                           |          |               |                    | Resi- dent         | Non- resi- dent     |              |
| OKLAHOMA—Continued |                    |                                    |                           |          |               |                    |                    |                     |              |
| Kiowa              | 374                | 320                                | 55                        | 1        | 155           | 91                 | 64                 | -                   | 42           |
| Lattimer           | 361                | 253                                | 127                       | -        | 130           | 51                 | 79                 | -                   | 79           |
| Le Flore           | 632                | 174                                | 432                       | 18       | 217           | 192                | 25                 | -                   | 19           |
| Lincoln            | 425                | 315                                | 101                       | 8        | 203           | 184                | 19                 | -                   | 18           |
| Logan              | 427                | 317                                | 88                        | 23       | 282           | 161                | 101                | 31                  | 65           |
| Guthrie            | 354                | 317                                | 28                        | 6        | 167           | 66                 | 101                | 31                  | 65           |
| Balance of county  | 73                 | -                                  | 55                        | 17       | 85            | 85                 | -                  | -                   | -            |
| Love               | 110                | -                                  | 109                       | -        | 47            | 47                 | -                  | -                   | -            |
| McClain            | 255                | 170                                | 80                        | 2        | 83            | 73                 | 10                 | -                   | 10           |
| McCurtain          | 659                | 93                                 | 389                       | 78       | 219           | 200                | 19                 | 1                   | 17           |
| McIntosh           | 402                | 161                                | 146                       | 70       | 126           | 115                | 10                 | 1                   | 9            |
| McJor              | 117                | 96                                 | 19                        | 1        | 85            | 52                 | 3                  | 1                   | 1            |
| Marshall           | 174                | 128                                | 42                        | 1        | 54            | 50                 | 4                  | -                   | 4            |
| Mayes              | 335                | 272                                | 58                        | 3        | 157           | 129                | 28                 | -                   | 28           |
| Murray             | 235                | 201                                | 32                        | 1        | 129           | 66                 | 63                 | -                   | 63           |
| Muskogee           | 1,589              | 1,219                              | 236                       | 115      | 898           | 420                | 466                | 85                  | 378          |
| Muskogee           | 1,288              | 1,169                              | 40                        | 69       | 634           | 259                | 375                | 1                   | 373          |
| Balance of county  | 304                | 50                                 | 196                       | 47       | 232           | 161                | 91                 | 84                  | 5            |
| Noble              | 134                | 53                                 | 80                        | -        | 71            | 64                 | 7                  | -                   | 1            |
| Nowata             | 179                | 104                                | 72                        | 3        | 118           | 92                 | 26                 | -                   | 26           |
| Oklahoma           | 390                | 257                                | 126                       | 19       | 149           | 127                | 21                 | -                   | 19           |
| Oklahoma City      | 8,201              | 8,029                              | 157                       | 23       | 2,866         | 1,254              | 1,612              | 43                  | 1,502        |
| Balance of county  | 7,590              | 7,496                              | 74                        | 1        | 2,398         | 940                | 1,458              | 27                  | 1,376        |
| Okmulgee           | 621                | 533                                | 63                        | 22       | 468           | 314                | 154                | 16                  | 126          |
| Okmulgee           | 1,034              | 766                                | 177                       | 77       | 393           | 266                | 127                | -                   | 127          |
| Balance of county  | 505                | 445                                | 24                        | 33       | 193           | 118                | 75                 | -                   | 75           |
| Osage              | 529                | 323                                | 153                       | 44       | 200           | 149                | 52                 | -                   | 52           |
| Ottawa             | 593                | 501                                | 76                        | 4        | 227           | 141                | 86                 | 30                  | 54           |
| Pawnee             | 785                | 623                                | 159                       | 1        | 322           | 214                | 108                | -                   | 93           |
| Payson             | 287                | 268                                | 16                        | 1        | 137           | 92                 | 45                 | -                   | 45           |
| Stillwater         | 1,836              | 1,304                              | 24                        | 6        | 277           | 156                | 121                | 1                   | 114          |
| Balance of county  | 812                | 812                                | -                         | -        | 122           | 63                 | 59                 | -                   | 56           |
| Pittsburg          | 526                | 492                                | 24                        | 6        | 155           | 95                 | 62                 | 1                   | 126          |
| Pittsburg          | 938                | 698                                | 190                       | 31       | 363           | 221                | 142                | 16                  | 126          |
| Balance of county  | 742                | 697                                | 21                        | 15       | 228           | 101                | 127                | 1                   | 126          |
| Pontotoc           | 196                | 1                                  | 169                       | 16       | 135           | 120                | 15                 | 15                  | -            |
| Ada                | 817                | 714                                | 102                       | 1        | 259           | 161                | 98                 | -                   | 94           |
| Balance of county  | 750                | 713                                | 37                        | -        | 196           | 97                 | 98                 | -                   | 94           |
| Pottawatomie       | 67                 | 1                                  | 65                        | 1        | 64            | 64                 | -                  | -                   | -            |
| Shawnee            | 948                | 874                                | 53                        | 18       | 401           | 212                | 189                | -                   | 159          |
| Balance of county  | 894                | 874                                | 9                         | 11       | 278           | 98                 | 180                | -                   | 149          |
| Pushmataha         | 54                 | -                                  | 44                        | 7        | 123           | 114                | 9                  | -                   | 9            |
| Roger Mills        | 207                | 3                                  | 196                       | 11       | 63            | 63                 | -                  | -                   | -            |
| Rogers             | 9                  | -                                  | 8                         | -        | 35            | -                  | -                  | -                   | -            |
| Seminole           | 469                | 417                                | 47                        | 3        | 204           | 106                | 98                 | -                   | 98           |
| Seminole           | 741                | 621                                | 59                        | 45       | 275           | 202                | 73                 | -                   | 53           |
| Waukena            | 347                | 337                                | 8                         | 2        | 93            | 51                 | 42                 | -                   | 40           |
| Balance of county  | 280                | 253                                | 13                        | 14       | 61            | 32                 | 29                 | -                   | 13           |
| Sequoyah           | 114                | 31                                 | 58                        | 29       | 121           | 119                | 2                  | -                   | -            |
| Stephens           | 353                | 16                                 | 265                       | 28       | 106           | 105                | 1                  | -                   | 1            |
| Texas              | 318                | 892                                | 24                        | 1        | 240           | 121                | 119                | -                   | 119          |
| Tillman            | 240                | 194                                | 45                        | 5        | 59            | 57                 | 2                  | -                   | 2            |
| Tulsa              | 363                | 314                                | 27                        | 22       | 160           | 120                | 40                 | -                   | 37           |
| Tulsa              | 6,219              | 5,837                              | 288                       | 84       | 1,950         | 890                | 1,060              | 15                  | 1,033        |
| Balance of county  | 5,694              | 5,523                              | 69                        | 62       | 1,718         | 684                | 1,034              | 8                   | 1,016        |
| Wagoner            | 535                | 312                                | 199                       | 23       | 232           | 28                 | 28                 | 7                   | 17           |
| Washington         | 300                | 50                                 | 207                       | 36       | 87            | 78                 | 9                  | -                   | 9            |
| Bartlesville       | 726                | 687                                | 3                         | -        | 259           | 153                | 106                | 1                   | 102          |
| Balance of county  | 690                | 687                                | 3                         | -        | 195           | 91                 | 104                | 1                   | 102          |
| Washita            | 36                 | 1                                  | 35                        | -        | 64            | 62                 | 2                  | -                   | -            |
| Woods              | 251                | 240                                | 8                         | 2        | 97            | 78                 | 19                 | -                   | 17           |
| Woodward           | 382                | 382                                | -                         | -        | 134           | 70                 | 3                  | -                   | 35           |
| Woodward           | 457                | 445                                | 12                        | -        | 251           | 69                 | 182                | 108                 | 72           |
| <b>OREGON</b>      | <b>35,180</b>      | <b>34,772</b>                      | <b>329</b>                | <b>4</b> | <b>14,191</b> | <b>6,439</b>       | <b>7,752</b>       | <b>948</b>          | <b>6,379</b> |
| Baker              | 362                | 355                                | 7                         | -        | 176           | 84                 | 92                 | 3                   | 88           |
| Benton             | 885                | 869                                | 14                        | -        | 181           | 90                 | 91                 | -                   | 59           |
| Clackamas          | 905                | 869                                | 25                        | 1        | 588           | 352                | 236                | 41                  | 177          |
| Clatsop            | 844                | 845                                | 1                         | -        | 327           | 134                | 193                | 5                   | 182          |
| Astoria            | 569                | 569                                | -                         | -        | 209           | 51                 | 158                | 4                   | 150          |
| Balance of county  | 275                | 274                                | 1                         | -        | 118           | 83                 | 35                 | 1                   | 32           |
| Columbia           | 214                | 191                                | 20                        | -        | 127           | 113                | 14                 | -                   | 9            |
| Coos               | 1,146              | 1,135                              | 9                         | 1        | 409           | 167                | 242                | 25                  | 190          |
| Crook              | 250                | 250                                | -                         | -        | 58            | 28                 | 30                 | 2                   | 34           |
| Curry              | 45                 | 42                                 | 4                         | -        | 61            | 49                 | 12                 | -                   | 12           |
| Deschutes          | 717                | 715                                | -                         | -        | 170           | 68                 | 102                | 6                   | 96           |
| Bend               | 602                | 602                                | -                         | -        | 115           | 32                 | 83                 | 6                   | 77           |
| Balance of county  | 115                | 114                                | -                         | -        | 55            | 36                 | 19                 | -                   | 19           |
| Douglas            | 967                | 958                                | 8                         | -        | 369           | 197                | 172                | 63                  | 106          |
| Gilliam            | 17                 | 13                                 | 3                         | -        | 15            | 12                 | 1                  | -                   | -            |
| Grant              | 182                | 181                                | 1                         | -        | 67            | 37                 | 30                 | -                   | 30           |
| Harney             | 125                | 121                                | 1                         | 1        | 53            | 30                 | 23                 | -                   | 23           |
| Hood River         | 387                | 384                                | 1                         | -        | 103           | 50                 | 53                 | 3                   | 50           |
| Jackson            | 1,361              | 1,354                              | 6                         | -        | 552           | 282                | 270                | 14                  | 249          |
| Madras             | 1,134              | 1,133                              | 1                         | -        | 284           | 84                 | 170                | -                   | 169          |
| Balance of county  | 227                | 221                                | 5                         | -        | 298           | 198                | 100                | 14                  | 80           |
| Jefferson          | 39                 | 31                                 | 1                         | -        | 26            | 20                 | 8                  | -                   | 8            |
| Josephine          | 634                | 604                                | 26                        | 1        | 275           | 132                | 143                | -                   | 134          |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                              | LIVE BIRTHS        |                                    |                           |            | DEATHS         |                    |                    |                     |               |
|-----------------------------------|--------------------|------------------------------------|---------------------------|------------|----------------|--------------------|--------------------|---------------------|---------------|
|                                   | Total <sup>1</sup> | Attended by—                       |                           |            | Total          | Not in institution | In institution     |                     |               |
|                                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife    |                |                    | Total <sup>3</sup> | Type of institution |               |
|                                   |                    |                                    |                           |            |                |                    | Resi- dent         | Non- resi- dent     |               |
| OREGON—Continued                  |                    |                                    |                           |            |                |                    |                    |                     |               |
| Klamath                           | 1,297              | 1,266                              | 10                        | -          | 331            | 147                | 184                | 11                  | 172           |
| Klamath Falls                     | 1,283              | 1,283                              | -                         | -          | 226            | 56                 | 168                | -                   | 167           |
| Balance of county                 | 14                 | 3                                  | 10                        | -          | 105            | 89                 | 16                 | 11                  | 5             |
| Lake                              | 178                | 177                                | -                         | -          | 43             | 22                 | 21                 | 1                   | 20            |
| Lane                              | 3,095              | 3,043                              | 50                        | -          | 904            | 491                | 413                | 17                  | 393           |
| Eugene                            | 2,661              | 2,656                              | 5                         | -          | 570            | 168                | 402                | 17                  | 379           |
| Balance of county                 | 434                | 387                                | 45                        | -          | 334            | 323                | 11                 | -                   | 4             |
| Lincoln                           | 345                | 334                                | 9                         | -          | 163            | 135                | 48                 | -                   | 45            |
| Linne                             | 1,233              | 1,226                              | 6                         | -          | 425            | 225                | 200                | 14                  | 160           |
| Malheur                           | 952                | 946                                | 5                         | -          | 148            | 64                 | 84                 | 2                   | 80            |
| Marion                            | 2,441              | 2,421                              | 17                        | -          | 1,211          | 400                | 811                | 388                 | 412           |
| Salem                             | 2,046              | 2,043                              | 3                         | -          | 869            | 172                | 697                | 331                 | 339           |
| Balance of county                 | 395                | 378                                | 14                        | -          | 342            | 228                | 114                | 37                  | 73            |
| Morrow                            | 22                 | 5                                  | 16                        | -          | 31             | 31                 | -                  | -                   | -             |
| Multnomah                         | 12,373             | 12,325                             | 41                        | -          | 5,483          | 2,195              | 3,298              | 191                 | 2,891         |
| Portland                          | 12,201             | 12,162                             | 35                        | -          | 4,706          | 1,877              | 2,829              | 51                  | 2,697         |
| Balance of county                 | 172                | 163                                | 6                         | -          | 777            | 318                | 469                | 140                 | 194           |
| Folk                              | 334                | 328                                | 6                         | -          | 149            | 104                | 45                 | -                   | 40            |
| Sherman                           | 1                  | -                                  | -                         | -          | 7              | 7                  | -                  | -                   | -             |
| Tillamook                         | 453                | 441                                | 12                        | -          | 148            | 81                 | 67                 | -                   | 67            |
| Umatilla                          | 716                | 704                                | 9                         | -          | 393            | 125                | 268                | 114                 | 153           |
| Union                             | 439                | 434                                | 4                         | -          | 190            | 69                 | 121                | -                   | 115           |
| Wallowa                           | 147                | 147                                | -                         | -          | 55             | 33                 | 22                 | -                   | 15            |
| Wasco                             | 511                | 502                                | 1                         | -          | 219            | 73                 | 146                | 18                  | 128           |
| Washington                        | 733                | 726                                | 4                         | -          | 383            | 222                | 161                | 26                  | 121           |
| Wheeler                           | 4                  | -                                  | 4                         | -          | 12             | 12                 | -                  | -                   | -             |
| Yamhill                           | 824                | 813                                | 8                         | -          | 309            | 158                | 151                | 4                   | 140           |
| <b>PENNSYLVANIA</b>               | <b>227,366</b>     | <b>207,905</b>                     | <b>19,226</b>             | <b>174</b> | <b>108,886</b> | <b>57,361</b>      | <b>51,527</b>      | <b>7,005</b>        | <b>43,798</b> |
| Adams                             | 979                | 691                                | 198                       | -          | 356            | 248                | 110                | 9                   | 100           |
| Allegheny                         | 34,752             | 33,688                             | 1,020                     | 35         | 16,040         | 7,667              | 8,373              | 1,091               | 7,228         |
| Pittsburgh                        | 22,943             | 22,566                             | 370                       | 5          | 8,682          | 3,720              | 4,962              | 155                 | 4,763         |
| McKeesport                        | 2,946              | 2,861                              | 74                        | 9          | 682            | 315                | 367                | -                   | 365           |
| Wilkinsburg                       | 1,479              | 1,469                              | 9                         | 1          | 425            | 203                | 222                | 14                  | 203           |
| Bellevue                          | 691                | 687                                | 4                         | -          | 259            | 79                 | 180                | -                   | 180           |
| Bradock                           | 1,431              | 1,417                              | 12                        | 1          | 317            | 67                 | 230                | -                   | 230           |
| Carnegie                          | 10                 | -                                  | 10                        | -          | 62             | 62                 | -                  | -                   | -             |
| Clairton                          | 44                 | -                                  | 43                        | 1          | 79             | 79                 | -                  | -                   | -             |
| Coraopolis                        | 6                  | -                                  | 6                         | -          | 55             | 55                 | -                  | -                   | -             |
| Dormont                           | 1                  | -                                  | 1                         | -          | 86             | 86                 | -                  | -                   | -             |
| Duquesne                          | 24                 | -                                  | 20                        | 4          | 87             | 87                 | -                  | -                   | -             |
| Harrison (twp.) <sup>a</sup>      | 1,685              | 1,680                              | 5                         | -          | 364            | 62                 | 302                | -                   | 302           |
| Homestead                         | 731                | 728                                | 2                         | 1          | 224            | 51                 | 173                | -                   | 173           |
| McKees Rocks                      | 4                  | -                                  | 4                         | -          | 84             | 82                 | 2                  | -                   | 2             |
| Mount Lebanon (twp.) <sup>a</sup> | -                  | -                                  | -                         | -          | 107            | 95                 | 12                 | 12                  | -             |
| Munhall                           | 2                  | -                                  | 2                         | -          | 52             | 52                 | -                  | -                   | -             |
| North Bradock                     | 13                 | 1                                  | 11                        | 1          | 63             | 63                 | -                  | -                   | -             |
| Shaler (twp.) <sup>b</sup>        | 17                 | 13                                 | 4                         | -          | 74             | 68                 | 6                  | 3                   | 2             |
| Stowe (twp.) <sup>b</sup>         | 517                | 515                                | 2                         | -          | 116            | 53                 | 63                 | -                   | 63            |
| Swinsboro                         | 3                  | -                                  | 3                         | -          | 79             | 78                 | 1                  | 1                   | -             |
| Balance of county                 | 2,205              | 1,751                              | 438                       | 12         | 4,143          | 2,290              | 1,853              | 906                 | 943           |
| Armstrong                         | 1,364              | 842                                | 522                       | -          | 657            | 531                | 126                | 28                  | 98            |
| Beaver                            | 2,646              | 2,406                              | 220                       | 19         | 1,315          | 853                | 462                | 21                  | 440           |
| Aliquippa                         | 91                 | -                                  | 72                        | 19         | 130            | 129                | 1                  | -                   | -             |
| Ambridge                          | 8                  | -                                  | 8                         | -          | 74             | 74                 | -                  | -                   | -             |
| Beaver Falls                      | 828                | 812                                | 16                        | -          | 230            | 111                | 119                | -                   | 119           |
| Ellwood City (part)               | -                  | -                                  | -                         | -          | -              | -                  | -                  | -                   | -             |
| Balance of county                 | 1,719              | 1,594                              | 124                       | -          | 881            | 539                | 342                | 21                  | 321           |
| Bedford                           | 646                | 276                                | 367                       | 1          | 366            | 296                | 70                 | 16                  | 54            |
| Berks                             | 4,645              | 4,100                              | 544                       | 1          | 2,900          | 1,585              | 1,305              | 202                 | 1,100         |
| Reading                           | 1,982              | 1,881                              | 100                       | -          | 1,259          | 689                | 570                | 9                   | 560           |
| Balance of county                 | 2,663              | 2,219                              | 444                       | -          | 1,641          | 906                | 735                | 193                 | 540           |
| Blair                             | 3,721              | 3,350                              | 365                       | 5          | 1,599          | 949                | 650                | 78                  | 556           |
| Altoona                           | 3,013              | 2,937                              | 71                        | 4          | 1,065          | 546                | 519                | 1                   | 503           |
| Balance of county                 | 708                | 413                                | 294                       | 1          | 534            | 403                | 131                | 77                  | 53            |
| Bradford                          | 1,283              | 1,204                              | 79                        | -          | 640            | 356                | 284                | 36                  | 239           |
| Bucks                             | 1,828              | 1,732                              | 96                        | -          | 1,095          | 766                | 327                | 50                  | 262           |
| Bristol                           | 165                | 158                                | 7                         | -          | 96             | 86                 | 10                 | -                   | 10            |
| Balance of county                 | 1,663              | 1,574                              | 89                        | -          | 999            | 682                | 317                | 50                  | 252           |
| Butler                            | 1,717              | 1,457                              | 260                       | -          | 992            | 564                | 428                | 44                  | 367           |
| Butler                            | 16                 | -                                  | 16                        | -          | 144            | 141                | 3                  | -                   | -             |
| Balance of county                 | 1,701              | 1,457                              | 244                       | -          | 848            | 423                | 425                | 44                  | 367           |
| Cambria                           | 5,414              | 4,591                              | 816                       | 5          | 2,039          | 1,080              | 959                | 132                 | 827           |
| Johnstown                         | 3,671              | 3,612                              | 59                        | -          | 974            | 372                | 602                | -                   | 602           |
| Balance of county                 | 1,743              | 979                                | 757                       | 5          | 1,065          | 708                | 357                | 132                 | 225           |
| Cameron                           | 15                 | -                                  | 15                        | -          | 27             | 27                 | -                  | -                   | -             |
| Carbon                            | 677                | 432                                | 244                       | -          | 556            | 400                | 156                | 74                  | 82            |
| Centre                            | 1,962              | 1,847                              | 112                       | -          | 664            | 373                | 291                | 30                  | 259           |
| Chester                           | 2,896              | 2,709                              | 187                       | -          | 1,572          | 806                | 766                | 191                 | 559           |
| Coatesville                       | 71                 | 47                                 | 24                        | -          | 110            | 95                 | 15                 | -                   | 15            |
| Phoenixville                      | 532                | 530                                | 2                         | -          | 154            | 73                 | 81                 | -                   | 80            |
| West Chester                      | 1,180              | 1,178                              | 2                         | -          | 367            | 78                 | 289                | 13                  | 274           |
| Balance of county                 | 1,113              | 954                                | 159                       | -          | 941            | 560                | 381                | 178                 | 190           |
| Clarion                           | 407                | 2                                  | 404                       | -          | 301            | 287                | 14                 | -                   | -             |
| Clearfield                        | 1,820              | 1,429                              | 390                       | 1          | 774            | 452                | 322                | 33                  | 289           |
| Du Bois                           | 878                | 865                                | 13                        | -          | 237            | 79                 | 159                | -                   | 158           |
| Balance of county                 | 942                | 564                                | 377                       | 1          | 537            | 373                | 164                | 33                  | 131           |
| Clinton                           | 965                | 865                                | 14                        | 1          | 377            | 207                | 170                | 3                   | 166           |
| Lock Haven                        | 808                | 805                                | 1                         | -          | 219            | 83                 | 136                | -                   | 136           |
| Balance of county                 | 174                | 160                                | 13                        | 1          | 158            | 124                | 34                 | 3                   | 30            |

See footnotes on p. 111.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                            | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|---------------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                                 | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                                 |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                                 |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| PENNSYLVANIA—Continued          |                    |                                    |                           |         |        |                    |                    |                     |       |
| Columbia                        | 1,139              | 1,053                              | 86                        | -       | 587    | 389                | 198                | 1                   | 197   |
| Berwick                         | 539                | 526                                | 13                        | -       | 152    | 71                 | 81                 | -                   | 81    |
| Balance of county               | 600                | 527                                | 73                        | -       | 435    | 318                | 117                | 1                   | 116   |
| Crawford                        | 1,907              | 1,826                              | 81                        | -       | 849    | 437                | 412                | 67                  | 342   |
| Meadville                       | 1,330              | 1,323                              | 7                         | -       | 364    | 96                 | 268                | 5                   | 263   |
| Balance of county               | 577                | 505                                | 74                        | -       | 485    | 341                | 144                | 62                  | 79    |
| Cumberland                      | 1,909              | 1,877                              | 232                       | -       | 795    | 551                | 244                | 35                  | 195   |
| Carlisle                        | 889                | 844                                | 25                        | -       | 260    | 101                | 159                | 3                   | 153   |
| Balance of county               | 1,040              | 833                                | 207                       | -       | 535    | 450                | 85                 | 32                  | 42    |
| Dauphin                         | 5,031              | 4,549                              | 473                       | 5       | 2,351  | 1,297              | 1,054              | 276                 | 775   |
| Harrisburg                      | 4,254              | 4,132                              | 119                       | -       | 1,376  | 616                | 760                | 4                   | 753   |
| Steelton                        | 26                 | -                                  | 26                        | -       | 95     | 94                 | 1                  | -                   | 1     |
| Balance of county               | 751                | 417                                | 328                       | 5       | 800    | 587                | 293                | 272                 | 21    |
| Delaware                        | 6,458              | 6,252                              | 200                       | 3       | 3,135  | 2,047              | 1,088              | 273                 | 782   |
| Chester                         | 1,865              | 1,754                              | 108                       | 3       | 717    | 378                | 339                | -                   | 339   |
| Maverford (twp.) <sup>6</sup>   | -                  | -                                  | -                         | -       | 192    | 191                | 1                  | -                   | 1     |
| Upper Darby (twp.) <sup>6</sup> | 574                | 567                                | 7                         | -       | 454    | 381                | 73                 | 1                   | 71    |
| Darby                           | 2,439              | 2,436                              | 3                         | -       | 260    | 70                 | 190                | 16                  | 174   |
| Lansdowne                       | 1                  | -                                  | 3                         | -       | 83     | 80                 | 3                  | 2                   | 1     |
| Balance of county               | 1,577              | 1,485                              | 81                        | -       | 1,429  | 947                | 482                | 254                 | 196   |
| Elk                             | 887                | 863                                | 22                        | -       | 307    | 158                | 149                | 7                   | 141   |
| Erle                            | 5,321              | 5,167                              | 153                       | 1       | 2,149  | 1,172              | 977                | 113                 | 847   |
| Erle                            | 4,584              | 4,528                              | 56                        | -       | 1,481  | 694                | 787                | 34                  | 740   |
| Balance of county               | 737                | 639                                | 97                        | 1       | 668    | 478                | 190                | 79                  | 107   |
| Fayette                         | 4,302              | 3,335                              | 932                       | 30      | 1,787  | 1,182              | 605                | 67                  | 535   |
| Cornellsville                   | 913                | 879                                | 34                        | -       | 232    | 106                | 126                | -                   | 126   |
| Uniontown                       | 1,697              | 1,661                              | 35                        | -       | 475    | 159                | 316                | -                   | 314   |
| Balance of county               | 1,692              | 795                                | 863                       | 30      | 1,080  | 917                | 163                | 67                  | 95    |
| Forest                          | 39                 | -                                  | 38                        | -       | 39     | 37                 | 2                  | 2                   | -     |
| Franklin                        | 1,965              | 1,768                              | 195                       | -       | 847    | 458                | 389                | 32                  | 357   |
| Chambersburg                    | 1,081              | 1,074                              | 7                         | -       | 275    | 110                | 165                | 2                   | 163   |
| Waynesboro                      | 705                | 695                                | 12                        | -       | 146    | 74                 | 72                 | 1                   | 71    |
| Balance of county               | 179                | 176                                | 3                         | -       | 426    | 274                | 152                | 29                  | 123   |
| Fulton                          | 112                | 1                                  | 110                       | 1       | 78     | 78                 | -                  | -                   | -     |
| Greene                          | 1,128              | 910                                | 218                       | -       | 436    | 310                | 126                | 19                  | 107   |
| Huntingdon                      | 977                | 624                                | 352                       | -       | 431    | 290                | 141                | 4                   | 137   |
| Indiana                         | 1,462              | 1,018                              | 443                       | 1       | 629    | 411                | 218                | 34                  | 177   |
| Indiana                         | 8                  | 5                                  | 3                         | -       | 62     | 62                 | -                  | -                   | -     |
| Balance of county               | 1,454              | 1,013                              | 440                       | 1       | 567    | 349                | 218                | 34                  | 177   |
| Jefferson                       | 1,250              | 1,131                              | 117                       | 2       | 492    | 317                | 175                | 22                  | 152   |
| Juniata                         | 152                | -                                  | 152                       | -       | 106    | 106                | -                  | -                   | -     |
| Lackawanna                      | 5,585              | 5,371                              | 211                       | 13      | 3,161  | 1,699              | 1,462              | 221                 | 1,231 |
| Scranton                        | 4,006              | 3,917                              | 87                        | -       | 1,732  | 835                | 917                | -                   | 912   |
| Carbondale                      | 710                | 697                                | 13                        | -       | 311    | 127                | 184                | -                   | 184   |
| Dickson City                    | 6                  | 1                                  | 5                         | -       | 43     | 43                 | -                  | -                   | -     |
| Dumore                          | 66                 | 56                                 | 10                        | -       | 145    | 118                | 27                 | 23                  | 4     |
| Old Forge                       | 17                 | -                                  | 12                        | 5       | 56     | 56                 | -                  | -                   | -     |
| Balance of county               | 790                | 700                                | 84                        | 6       | 854    | 520                | 334                | 198                 | 131   |
| Lancaster                       | 5,452              | 4,440                              | 1,011                     | -       | 2,283  | 1,264              | 1,019              | 208                 | 798   |
| Lancaster                       | 3,585              | 3,510                              | 55                        | -       | 997    | 337                | 660                | 11                  | 648   |
| Columbia                        | 490                | 479                                | 11                        | -       | 136    | 69                 | 67                 | -                   | 67    |
| Balance of county               | 1,397              | 451                                | 945                       | -       | 1,150  | 858                | 292                | 197                 | 83    |
| Lawrence                        | 2,739              | 2,662                              | 73                        | 3       | 964    | 540                | 424                | 32                  | 388   |
| New Castle                      | 1,985              | 1,952                              | 29                        | 3       | 588    | 275                | 313                | 5                   | 304   |
| Ellwood City (part)             | 711                | 710                                | 1                         | -       | 132    | 52                 | 80                 | -                   | 80    |
| Ellwood City (total)            | 711                | 710                                | 1                         | -       | 132    | 52                 | 80                 | -                   | 80    |
| Balance of county               | 43                 | -                                  | 43                        | -       | 244    | 213                | 31                 | 27                  | 4     |
| Lebanon                         | 1,704              | 1,454                              | 250                       | -       | 759    | 450                | 309                | 69                  | 240   |
| Lebanon                         | 1,504              | 1,454                              | 50                        | -       | 420    | 180                | 240                | -                   | 240   |
| Balance of county               | 200                | -                                  | 200                       | -       | 339    | 270                | 89                 | 69                  | -     |
| Lehigh                          | 5,998              | 5,598                              | 400                       | -       | 2,427  | 936                | 1,491              | 198                 | 1,287 |
| Allentown                       | 3,846              | 3,741                              | 105                       | -       | 1,499  | 455                | 1,044              | 151                 | 892   |
| Bothlehem (part)                | 1                  | 1                                  | 1                         | -       | 54     | 54                 | -                  | -                   | -     |
| Balance of county               | 2,151              | 1,857                              | 294                       | -       | 874    | 427                | 447                | 47                  | 395   |
| Luzerne                         | 8,151              | 7,778                              | 367                       | 4       | 4,088  | 2,567              | 1,501              | 58                  | 1,417 |
| Hazleton                        | 1,630              | 1,623                              | 6                         | 1       | 468    | 226                | 242                | -                   | 242   |
| Wilkes-Barre                    | 3,388              | 3,309                              | 76                        | 3       | 1,234  | 557                | 677                | -                   | 677   |
| Hanover (twp.) <sup>6</sup>     | 9                  | -                                  | 9                         | -       | 88     | 88                 | -                  | -                   | -     |
| Kingston                        | 1,370              | 1,361                              | 9                         | -       | 366    | 141                | 225                | -                   | 225   |
| Nanticoke                       | 655                | 645                                | 10                        | -       | 267    | 126                | 141                | -                   | 141   |
| Pittston                        | 13                 | -                                  | 13                        | -       | 115    | 115                | -                  | -                   | -     |
| Plains (twp.) <sup>6</sup>      | 15                 | -                                  | 15                        | -       | 75     | 75                 | -                  | -                   | -     |
| Flymouth                        | 16                 | -                                  | 16                        | -       | 109    | 109                | -                  | -                   | -     |
| Balance of county               | 1,055              | 840                                | 213                       | -       | 1,346  | 1,130              | 216                | 59                  | 132   |
| Lycoming                        | 2,569              | 2,439                              | 130                       | 1       | 1,171  | 651                | 520                | 46                  | 482   |
| Williamsport                    | 1,942              | 1,907                              | 35                        | -       | 683    | 293                | 390                | 5                   | 384   |
| Balance of county               | 627                | 531                                | 95                        | 1       | 488    | 358                | 130                | 41                  | 78    |
| McKean                          | 1,292              | 1,266                              | 26                        | -       | 540    | 289                | 251                | 15                  | 235   |
| Bradford                        | 681                | 679                                | 2                         | -       | 225    | 103                | 122                | -                   | 122   |
| Balance of county               | 611                | 587                                | 24                        | -       | 315    | 186                | 129                | 15                  | 113   |
| Mercer                          | 2,924              | 2,824                              | 100                       | -       | 1,104  | 605                | 499                | 67                  | 428   |
| Sharon                          | 1,591              | 1,583                              | 8                         | -       | 394    | 123                | 271                | 6                   | 265   |
| Farrell                         | 7                  | -                                  | 7                         | -       | 61     | 61                 | -                  | -                   | -     |
| Balance of county               | 1,326              | 1,241                              | 85                        | -       | 649    | 421                | 228                | 61                  | 163   |
| Mifflin                         | 1,330              | 1,059                              | 271                       | -       | 474    | 252                | 222                | 5                   | 217   |
| Lewistown                       | 301                | 277                                | 24                        | -       | 90     | 68                 | 22                 | -                   | 22    |
| Balance of county               | 1,029              | 782                                | 247                       | -       | 384    | 184                | 200                | 5                   | 195   |
| Monroe                          | 831                | 754                                | 77                        | -       | 404    | 282                | 122                | 9                   | 111   |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                             | LIVE BIRTHS        |                                    |                           | Total | DEATHS             |                    |                |            |                 |
|----------------------------------|--------------------|------------------------------------|---------------------------|-------|--------------------|--------------------|----------------|------------|-----------------|
|                                  | Total <sup>1</sup> | Attended by—                       |                           |       | Not in institution | Total <sup>3</sup> | In institution |            |                 |
|                                  |                    | Physician in hospital <sup>2</sup> | Physician not in hospital |       |                    |                    | Midwife        | Resi- dent | Non- resi- dent |
| PENNSYLVANIA—Continued           |                    |                                    |                           |       |                    |                    |                |            |                 |
| Montgomery                       | 6,690              | 6,526                              | 164                       | -     | 3,483              | 1,795              | 1,688          | 360        | 1,275           |
| Lower Merion (twp.) <sup>6</sup> | 1,648              | 1,641                              | 7                         | -     | 548                | 256                | 292            | 2          | 282             |
| Warristown                       | 1,795              | 1,776                              | 9                         | -     | 810                | 219                | 591            | 289        | 300             |
| Arlington (twp.) <sup>6</sup>    | 1,513              | 1,509                              | 4                         | -     | 529                | 162                | 367            | 18         | 344             |
| Cheltenham (twp.) <sup>6</sup>   | 3                  | -                                  | 3                         | -     | 147                | 122                | 25             | 4          | 21              |
| Conshohocken                     | 19                 | -                                  | 19                        | -     | 75                 | 75                 | -              | -          | -               |
| Pottstown                        | 1,314              | 1,304                              | 10                        | -     | 351                | 135                | 196            | -          | 196             |
| Balance of county                | 408                | 296                                | 112                       | -     | 1,043              | 626                | 217            | 67         | 130             |
| Montour                          | 1,133              | 1,079                              | 54                        | -     | 478                | 93                 | 595            | 168        | 217             |
| Northampton                      | 2,552              | 2,272                              | 278                       | 1     | 1,398              | 995                | 393            | 49         | 351             |
| Bethlehem (part)                 | 80                 | 65                                 | 14                        | 1     | 222                | 219                | 3              | -          | 2               |
| Bethlehem (total)                | 61                 | 65                                 | 15                        | 1     | 276                | 273                | 3              | -          | 2               |
| Easton                           | 550                | 518                                | 31                        | -     | 302                | 223                | 79             | 8          | 65              |
| Balance of county                | 1,922              | 1,689                              | 233                       | -     | 864                | 553                | 311            | 41         | 264             |
| Northumberland                   | 1,639              | 1,350                              | 308                       | -     | 1,170              | 886                | 284            | 39         | 244             |
| Mount Carmel                     | 26                 | -                                  | 26                        | -     | 100                | 100                | -              | -          | -               |
| Shmokin                          | 21                 | -                                  | 21                        | -     | 158                | 158                | -              | -          | -               |
| Sunbury                          | 628                | 599                                | 28                        | -     | 261                | 123                | 138            | -          | 138             |
| Balance of county                | 964                | 751                                | 233                       | -     | 651                | 505                | 146            | 39         | 106             |
| Perry                            | 183                | -                                  | 183                       | -     | 185                | 181                | 4              | 4          | -               |
| Philadelphia, coextensive with   |                    |                                    |                           |       |                    |                    |                |            |                 |
| Philadelphia (city)              | 48,178             | 46,702                             | 1,435                     | 32    | 24,605             | 8,940              | 15,665         | 1,342      | 14,049          |
| Pike                             | 21                 | 1                                  | 20                        | -     | 79                 | 79                 | -              | -          | -               |
| Potter                           | 261                | 223                                | 37                        | 1     | 159                | 110                | 49             | 10         | 39              |
| Schuylkill                       | 4,213              | 3,686                              | 525                       | 2     | 2,340              | 1,429              | 911            | 146        | 764             |
| Muhlenberg City                  | 19                 | 1                                  | 17                        | 1     | 90                 | 90                 | -              | -          | -               |
| Pottsville                       | 1,746              | 1,743                              | 3                         | -     | 501                | 173                | 328            | -          | 327             |
| Shenandoah                       | 15                 | 2                                  | 13                        | -     | 130                | 125                | 5              | -          | 5               |
| Tamaqua                          | 10                 | 1                                  | 9                         | -     | 73                 | 73                 | -              | -          | -               |
| Balance of county                | 2,423              | 1,939                              | 485                       | 1     | 1,546              | 968                | 578            | 146        | 432             |
| Snyder                           | 183                | 1                                  | 121                       | -     | 206                | 166                | 42             | 40         | 1               |
| Somerset                         | 1,840              | 1,376                              | 464                       | -     | 754                | 502                | 252            | 39         | 211             |
| Sullivan                         | 26                 | -                                  | 25                        | -     | 56                 | 56                 | -              | -          | -               |
| Susquehanna                      | 587                | 220                                | 167                       | -     | 292                | 244                | 48             | 8          | 29              |
| Tioga                            | 624                | 681                                | 142                       | -     | 416                | 269                | 147            | 5          | 132             |
| Union                            | 747                | 684                                | 63                        | -     | 250                | 172                | 78             | 7          | 64              |
| Venango                          | 1,463              | 1,401                              | 62                        | -     | 787                | 376                | 411            | 115        | 290             |
| Oil City                         | 863                | 854                                | 9                         | -     | 288                | 122                | 166            | -          | 166             |
| Balance of county                | 600                | 547                                | 53                        | -     | 499                | 254                | 245            | 115        | 124             |
| Warren                           | 690                | 624                                | 65                        | 1     | 659                | 253                | 406            | 252        | 137             |
| Warren                           | 625                | 622                                | 3                         | -     | 223                | 78                 | 145            | -          | 134             |
| Balance of county                | 65                 | 2                                  | 62                        | 1     | 436                | 175                | 261            | 252        | 3               |
| Washington                       | 4,832              | 4,278                              | 552                       | 1     | 1,848              | 1,181              | 657            | 91         | 562             |
| Washington                       | 1,403              | 1,370                              | 33                        | -     | 420                | 182                | 238            | 7          | 228             |
| Cameronburg                      | 796                | 786                                | 10                        | -     | 142                | 67                 | 75             | -          | 75              |
| Charleroi                        | 5                  | -                                  | 5                         | -     | 56                 | 56                 | -              | -          | -               |
| Donora                           | 5                  | -                                  | 5                         | -     | 60                 | 60                 | -              | -          | -               |
| Balance of county                | 2,623              | 2,122                              | 499                       | 1     | 1,170              | 826                | 344            | 84         | 259             |
| Wayne                            | 298                | 215                                | 83                        | -     | 379                | 280                | 99             | 53         | 45              |
| Westmoreland                     | 6,007              | 5,356                              | 642                       | 4     | 2,622              | 1,663              | 959            | 257        | 692             |
| Arnold                           | 4                  | -                                  | 4                         | -     | 32                 | 32                 | -              | -          | -               |
| Greensburg                       | 1,824              | 1,814                              | 9                         | -     | 351                | 115                | 236            | 1          | 235             |
| Jeannette                        | 19                 | -                                  | 19                        | -     | 87                 | 87                 | -              | -          | -               |
| Larrobe                          | 1,159              | 1,150                              | 8                         | -     | 221                | 54                 | 167            | -          | 167             |
| Monessen                         | 34                 | -                                  | 31                        | 3     | 101                | 98                 | 3              | -          | 1               |
| New Kensington                   | 1,477              | 1,465                              | 12                        | -     | 312                | 128                | 184            | -          | 184             |
| Vandergrift                      | 35                 | -                                  | 34                        | -     | 47                 | 47                 | -              | -          | -               |
| Balance of county                | 1,455              | 926                                | 525                       | 1     | 1,471              | 1,102              | 369            | 256        | 105             |
| Wyoming                          | 271                | 206                                | 64                        | -     | 156                | 156                | 23             | -          | 8               |
| York                             | 4,715              | 3,505                              | 1,209                     | -     | 1,908              | 1,293              | 615            | 66         | 530             |
| York                             | 2,456              | 2,155                              | 282                       | -     | 767                | 401                | 366            | 2          | 357             |
| Hanover                          | 1,053              | 994                                | 58                        | -     | 211                | 92                 | 119            | -          | 118             |
| Balance of county                | 1,246              | 368                                | 888                       | -     | 930                | 800                | 130            | 64         | 55              |
| RHODE ISLAND                     |                    |                                    |                           |       |                    |                    |                |            |                 |
| Bristol                          | 18                 | -                                  | 11                        | 7     | 154                | 141                | 13             | 7          | 6               |
| Bristol (town)                   | 12                 | -                                  | 8                         | 4     | 67                 | 60                 | 7              | 7          | -               |
| Balance of county                | 6                  | -                                  | 3                         | 3     | 87                 | 81                 | 6              | -          | 6               |
| Kent                             | 227                | 198                                | 29                        | -     | 490                | 453                | 45             | 7          | 37              |
| Warwick                          | 24                 | 11                                 | 13                        | -     | 256                | 235                | 21             | -          | 20              |
| West Warwick (town)              | 192                | 187                                | 5                         | -     | 122                | 121                | 1              | -          | 1               |
| Balance of county                | 11                 | -                                  | 11                        | -     | 120                | 97                 | 23             | 7          | 16              |
| Newport                          | 1,316              | 1,302                              | 14                        | -     | 618                | 279                | 339            | 10         | 329             |
| Newport                          | 1,309              | 1,302                              | 7                         | -     | 479                | 155                | 324            | 5          | 319             |
| Balance of county                | 7                  | -                                  | 7                         | -     | 139                | 124                | 15             | 5          | 10              |
| Providence                       | 14,307             | 14,076                             | 209                       | 3     | 6,396              | 3,188              | 3,208          | 554        | 2,648           |
| Providence                       | 10,364             | 10,288                             | 53                        | 2     | 3,191              | 1,437              | 1,754          | 136        | 1,618           |
| Central Falls                    | 434                | 400                                | 34                        | -     | 166                | 138                | 28             | -          | 28              |
| Cranston                         | 235                | 227                                | 7                         | 1     | 939                | 253                | 686            | 325        | 359             |
| East Providence (town)           | 5                  | -                                  | 4                         | -     | 200                | 188                | 12             | 4          | 8               |
| Eastwicket                       | 1,680              | 1,629                              | 51                        | -     | 793                | 426                | 367            | 47         | 320             |
| Woonsocket                       | 1,555              | 1,532                              | 23                        | -     | 499                | 260                | 239            | 9          | 230             |
| Cumberland (town)                | 12                 | -                                  | 11                        | -     | 86                 | 86                 | 2              | -          | -               |
| Johnston (town)                  | 1                  | -                                  | 1                         | -     | 60                 | 60                 | -              | -          | -               |
| Lincoln (town)                   | 2                  | -                                  | 1                         | -     | 76                 | 75                 | 1              | -          | 1               |
| North Providence (town)          | 1                  | -                                  | 1                         | -     | 85                 | 80                 | 5              | -          | 5               |
| Balance of county                | 18                 | -                                  | 17                        | -     | 299                | 185                | 114            | 33         | 79              |
| Washington                       | 1,334              | 1,332                              | 2                         | -     | 459                | 244                | 215            | 10         | 205             |
| Westerly (town)                  | 623                | 623                                | -                         | -     | 168                | 74                 | 94             | -          | 94              |
| Balance of county                | 711                | 708                                | 2                         | -     | 291                | 170                | 121            | 10         | 111             |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                  | LIVE BIRTHS        |                                    |                           |               | DEATHS        |                    |                    |                     |              |
|-----------------------|--------------------|------------------------------------|---------------------------|---------------|---------------|--------------------|--------------------|---------------------|--------------|
|                       | Total <sup>1</sup> | Attended by—                       |                           |               | Total         | Not in institution | In institution     |                     |              |
|                       |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife       |               |                    | Total <sup>3</sup> | Type of institution |              |
|                       |                    |                                    |                           |               |               |                    | Resi- dent         | Non- resi- dent     |              |
| <b>SOUTH CAROLINA</b> | <b>58,124</b>      | <b>30,592</b>                      | <b>10,581</b>             | <b>18,845</b> | <b>17,917</b> | <b>11,747</b>      | <b>6,170</b>       | <b>524</b>          | <b>5,572</b> |
| Abbeville             | 409                | 155                                | 151                       | 123           | 196           | 151                | 45                 | -                   | 45           |
| Aiken                 | 1,215              | 515                                | 415                       | 285           | 460           | 381                | 79                 | -                   | 77           |
| Allendale             | 307                | 1                                  | 44                        | 262           | 115           | -                  | -                  | -                   | -            |
| Anderson              | 2,374              | 1,651                              | 516                       | 207           | 724           | 454                | 270                | -                   | 270          |
| Anderson              | 1,434              | 1,426                              | 77                        | 31            | 429           | 159                | 270                | -                   | 270          |
| Balance of county     | 840                | 225                                | 439                       | 176           | 295           | 295                | -                  | -                   | -            |
| Bamberg               | 353                | -                                  | 97                        | 256           | 109           | 109                | -                  | -                   | -            |
| Barnwell              | 447                | -                                  | 119                       | 327           | 152           | 152                | -                  | -                   | -            |
| Beaufort              | 789                | 312                                | 26                        | 448           | 257           | 224                | 33                 | -                   | 33           |
| Berkley               | 856                | 206                                | 19                        | 639           | 256           | 215                | 41                 | -                   | 41           |
| Calhoun               | 391                | -                                  | 9                         | 382           | 109           | 109                | -                  | -                   | -            |
| Charleston            | 5,055              | 3,152                              | 734                       | 1,188         | 1,599         | 856                | 741                | -                   | 741          |
| Charleston            | 5,821              | 2,815                              | 676                       | 130           | 1,103         | 419                | 684                | -                   | 684          |
| Balance of county     | 1,434              | 317                                | 58                        | 1,058         | 496           | 159                | 57                 | -                   | 57           |
| Cherokee              | 851                | 608                                | 210                       | 31            | 229           | 149                | 80                 | 1                   | 79           |
| Chester               | 706                | 266                                | 115                       | 325           | 225           | 185                | 42                 | 2                   | 16           |
| Chesterfield          | 704                | -                                  | 571                       | 153           | 209           | 209                | -                  | -                   | -            |
| Clarendon             | 767                | -                                  | 70                        | 696           | 217           | 217                | -                  | -                   | -            |
| Colleton              | 801                | 363                                | 74                        | 363           | 251           | 190                | 61                 | -                   | 61           |
| Darlington            | 1,468              | 563                                | 491                       | 414           | 358           | 288                | 72                 | -                   | 72           |
| Dillon                | 965                | 531                                | 71                        | 362           | 209           | 168                | 41                 | -                   | 41           |
| Dorchester            | 664                | 197                                | 110                       | 357           | 174           | 140                | 34                 | -                   | 34           |
| Edgefield             | 449                | 49                                 | 297                       | 105           | 116           | 114                | 2                  | -                   | -            |
| Fairfield             | 554                | 84                                 | 311                       | 259           | 159           | 137                | 1                  | -                   | -            |
| Florence              | 2,581              | 1,205                              | 537                       | 839           | 618           | 451                | 387                | -                   | 370          |
| Florence              | 1,333              | 1,096                              | 42                        | 195           | 500           | 149                | 351                | -                   | 334          |
| Balance of county     | 1,248              | 109                                | 495                       | 644           | 318           | 282                | 36                 | -                   | 36           |
| Georgetown            | 753                | 4                                  | 236                       | 518           | 206           | 203                | 3                  | 3                   | -            |
| Greenville            | 4,714              | 4,009                              | 486                       | 217           | 1,346         | 733                | 613                | 2                   | 606          |
| Greenville            | 2,525              | 2,333                              | 41                        | 130           | 740           | 241                | 499                | -                   | 498          |
| Balance of county     | 2,189              | 1,656                              | 445                       | 87            | 606           | 492                | 114                | 2                   | 108          |
| Greenwood             | 1,097              | 820                                | 123                       | 154           | 363           | 252                | 131                | -                   | 131          |
| Greenwood             | 799                | 760                                | 6                         | 35            | 233           | 102                | 131                | -                   | 131          |
| Balance of county     | 298                | 60                                 | 117                       | 121           | 130           | 130                | -                  | -                   | -            |
| Hampton               | 412                | 153                                | 278                       | 172           | 172           | 172                | -                  | -                   | -            |
| Horry                 | 1,711              | 1,107                              | 303                       | 501           | 395           | 117                | -                  | -                   | 117          |
| Jasper                | 339                | 133                                | 15                        | 133           | 114           | 20                 | -                  | -                   | 20           |
| Kershaw               | 869                | 345                                | 61                        | 441           | 285           | 94                 | 78                 | -                   | 77           |
| Laurens               | 1,056              | 828                                | 64                        | 164           | 205           | 139                | 66                 | -                   | 66           |
| Laurens               | 804                | 311                                | 159                       | 334           | 316           | 240                | 76                 | 10                  | 65           |
| Lee                   | 623                | -                                  | 153                       | 470           | 161           | 155                | 6                  | 2                   | -            |
| Lexington             | 732                | 206                                | 315                       | 211           | 289           | 251                | 8                  | -                   | 6            |
| McCormick             | 319                | -                                  | 288                       | 31            | 96            | 96                 | -                  | -                   | -            |
| Marion                | 1,426              | 989                                | 229                       | 207           | 335           | 230                | 105                | -                   | 104          |
| Marlboro              | 1,112              | 527                                | 345                       | 240           | 343           | 247                | 96                 | 4                   | 86           |
| Newberry              | 829                | 494                                | 45                        | 290           | 225           | 162                | 61                 | -                   | 61           |
| Oconee                | 953                | 640                                | 182                       | 129           | 261           | 194                | 67                 | 1                   | 86           |
| Orangeburg            | 2,168              | 631                                | 190                       | 1,344         | 698           | 469                | 219                | -                   | 219          |
| Orangeburg            | 772                | 631                                | 17                        | 124           | 292           | 77                 | 215                | -                   | 215          |
| Balance of county     | 1,396              | 142                                | 471                       | 35            | 215           | 195                | 18                 | -                   | 16           |
| Pickens               | 649                | 3,562                              | 187                       | 755           | 2,292         | 663                | 1,629              | 495                 | 1,133        |
| Richland              | 4,519              | 3,486                              | 105                       | 317           | 1,541         | 454                | 887                | 177                 | 709          |
| Columbia              | 1,033              | 500                                | 92                        | 438           | 561           | 209                | 742                | 318                 | 424          |
| Balance of county     | 290                | 6                                  | 186                       | 97            | 103           | 103                | -                  | -                   | -            |
| Spartanburg           | 3,741              | 2,637                              | 951                       | 152           | 1,044         | 616                | 428                | 1                   | 427          |
| Spartanburg           | 2,680              | 2,485                              | 158                       | 37            | 595           | 185                | 410                | -                   | 410          |
| Balance of county     | 1,061              | 182                                | 795                       | 115           | 449           | 431                | 18                 | 1                   | 17           |
| Sumter                | 2,037              | 969                                | 61                        | 916           | 496           | 315                | 181                | -                   | 181          |
| Sumter                | 1,108              | 987                                | 11                        | 109           | 247           | 86                 | 181                | -                   | 181          |
| Balance of county     | 929                | 2                                  | 50                        | 807           | 249           | 249                | -                  | -                   | -            |
| Union                 | 798                | 443                                | 173                       | 183           | 230           | 174                | 56                 | 1                   | 55           |
| Williamsburg          | 1,564              | 426                                | 176                       | 962           | 365           | 271                | 94                 | -                   | 92           |
| York                  | 1,884              | 1,445                              | 154                       | 284           | 497           | 328                | 169                | 2                   | 167          |
| Rock Hill             | 531                | 512                                | 14                        | 5             | 130           | 78                 | 52                 | -                   | 52           |
| Balance of county     | 1,353              | 933                                | 140                       | 279           | 367           | 250                | 117                | 2                   | 115          |
| <b>SOUTH DAKOTA</b>   | <b>16,344</b>      | <b>15,252</b>                      | <b>995</b>                | <b>42</b>     | <b>5,711</b>  | <b>2,698</b>       | <b>3,013</b>       | <b>258</b>          | <b>2,606</b> |
| Armstrong             | 44                 | 27                                 | 17                        | -             | 30            | 28                 | 2                  | -                   | -            |
| Aurora                | 693                | 680                                | 9                         | 4             | 210           | 70                 | 140                | -                   | 63           |
| Beadle                | 689                | 680                                | 7                         | 2             | 191           | 51                 | 140                | -                   | 63           |
| Burton                | 4                  | -                                  | 2                         | 2             | 19            | 19                 | -                  | -                   | -            |
| Balance of county     | 25                 | 19                                 | 4                         | -             | 10            | 9                  | 1                  | -                   | -            |
| Bennett               | 191                | 152                                | 35                        | 4             | 58            | 51                 | 7                  | -                   | 3            |
| Bon Homme             | 481                | 469                                | 12                        | -             | 141           | 80                 | 81                 | 3                   | 76           |
| Brookings             | 1,149              | 1,143                              | 6                         | -             | 338           | 90                 | 248                | 8                   | 240          |
| Brown                 | 1,146              | 1,143                              | 3                         | -             | 302           | 60                 | 242                | 3                   | 239          |
| Aberdeen              | 3                  | -                                  | 3                         | -             | 36            | 30                 | 6                  | 5                   | 1            |
| Balance of county     | 113                | 108                                | 4                         | 1             | 45            | 35                 | 20                 | 2                   | 16           |
| Brule                 | 4                  | -                                  | 4                         | -             | 4             | 4                  | -                  | -                   | -            |
| Buffalo               | 226                | 209                                | 16                        | -             | 58            | 28                 | 30                 | -                   | 30           |
| Butte                 | 6                  | -                                  | 3                         | -             | 18            | 18                 | -                  | -                   | -            |
| Campbell              | 290                | 251                                | 36                        | 1             | 108           | 74                 | 34                 | -                   | 34           |
| Charles Mix           | 41                 | 15                                 | 26                        | -             | 48            | 48                 | -                  | -                   | -            |
| Clark                 | 225                | 221                                | 4                         | 1             | 72            | 42                 | 30                 | -                   | 30           |
| Clay                  | 886                | 881                                | 4                         | 1             | 211           | 77                 | 134                | -                   | 133          |
| Codington             | 886                | 881                                | 4                         | 1             | 195           | 62                 | 133                | -                   | 133          |
| Waterbury             | -                  | -                                  | -                         | -             | 16            | 15                 | 1                  | -                   | -            |
| Balance of county     | -                  | -                                  | -                         | -             | 8             | 8                  | -                  | -                   | -            |
| Corson                | 15                 | -                                  | 7                         | 3             | -             | -                  | -                  | -                   | -            |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                          | LIVE BIRTHS        |                                    |                           |              | DEATHS        |                    |                    |                     |              |
|-------------------------------|--------------------|------------------------------------|---------------------------|--------------|---------------|--------------------|--------------------|---------------------|--------------|
|                               | Total <sup>1</sup> | Attended by—                       |                           |              | Total         | Not in institution | In institution     |                     |              |
|                               |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife      |               |                    | Total <sup>3</sup> | Type of institution |              |
|                               |                    |                                    |                           |              |               |                    | Resi- dent         | Non- resi- dent     |              |
| <b>SOUTH DAKOTA—Continued</b> |                    |                                    |                           |              |               |                    |                    |                     |              |
| Custer                        | 20                 | -                                  | 20                        | -            | 46            | 28                 | -                  | -                   | 18           |
| Davidson                      | 958                | 956                                | 2                         | -            | 266           | 56                 | 210                | 2                   | 205          |
| Mitchell                      | 956                | 955                                | 1                         | -            | 254           | 44                 | 210                | 2                   | 205          |
| Balance of County             | 2                  | 1                                  | 1                         | -            | 12            | 12                 | -                  | -                   | -            |
| Day                           | 283                | 269                                | 14                        | -            | 98            | 55                 | 43                 | -                   | 42           |
| Deuel                         | 19                 | 1                                  | 18                        | -            | 43            | 43                 | -                  | -                   | -            |
| Dewey                         | 72                 | 62                                 | 8                         | 2            | 24            | 15                 | 9                  | -                   | 9            |
| Douglas                       | 4                  | 2                                  | 2                         | -            | 25            | 25                 | -                  | -                   | -            |
| Edmunds                       | 143                | 24                                 | 119                       | -            | 46            | 29                 | 17                 | -                   | 16           |
| Fall River                    | 437                | 433                                | 4                         | -            | 192           | 34                 | 158                | 6                   | 151          |
| Faulk                         | 74                 | 70                                 | 4                         | -            | 33            | 14                 | 19                 | -                   | 19           |
| Grant                         | 216                | 189                                | 27                        | -            | 71            | 48                 | 23                 | -                   | 22           |
| Gregory                       | 232                | 219                                | 32                        | -            | 80            | 40                 | 40                 | -                   | 40           |
| Haskell                       | 48                 | 38                                 | 10                        | -            | 15            | 15                 | -                  | -                   | -            |
| Hemlin                        | 60                 | 54                                 | 6                         | -            | 48            | 34                 | 14                 | 4                   | 8            |
| Hand                          | 172                | 170                                | 2                         | -            | 49            | 30                 | 19                 | -                   | 12           |
| Hanson                        | 14                 | 2                                  | 10                        | 1            | 17            | 17                 | -                  | -                   | -            |
| Harding                       | 7                  | 5                                  | 2                         | -            | 12            | 12                 | -                  | -                   | -            |
| Hughes                        | 467                | 461                                | 5                         | -            | 115           | 27                 | 88                 | -                   | 87           |
| Hutchinson                    | 361                | 335                                | 14                        | 7            | 81            | 52                 | 29                 | -                   | 28           |
| Hyde                          | 16                 | 8                                  | 8                         | -            | 11            | 11                 | -                  | -                   | -            |
| Jackson                       | 49                 | 46                                 | 3                         | -            | 12            | 4                  | 8                  | -                   | 8            |
| Jerauld                       | 93                 | 89                                 | 4                         | -            | 46            | 21                 | 25                 | -                   | 25           |
| Jones                         | 66                 | 66                                 | -                         | -            | 21            | 11                 | 10                 | -                   | 10           |
| Kingsbury                     | 111                | 55                                 | 56                        | -            | 81            | 70                 | 11                 | 2                   | 5            |
| Lake                          | 383                | 317                                | 65                        | -            | 124           | 74                 | 50                 | -                   | 50           |
| Lawrence                      | 904                | 486                                | 17                        | 1            | 167           | 85                 | 82                 | 5                   | 76           |
| Lincoln                       | 199                | 163                                | 36                        | -            | 100           | 65                 | 35                 | 2                   | 33           |
| Lyman                         | 28                 | 24                                 | 4                         | -            | 16            | 4                  | 1                  | -                   | -            |
| McCook                        | 21                 | -                                  | 21                        | -            | 44            | 15                 | 1                  | -                   | -            |
| McPherson                     | 232                | 218                                | 10                        | 1            | 73            | 31                 | 42                 | 10                  | 32           |
| Marshall                      | 292                | 269                                | 21                        | -            | 84            | 43                 | 41                 | -                   | 41           |
| Meade                         | 109                | 107                                | 1                         | -            | 60            | 39                 | 21                 | 19                  | -            |
| Mellette                      | 22                 | -                                  | 4                         | 1            | 34            | 28                 | 6                  | 1                   | -            |
| Miner                         | 91                 | 62                                 | 29                        | -            | 36            | 31                 | 5                  | -                   | 5            |
| Mitchell                      | 2,363              | 2,337                              | 26                        | -            | 760           | 236                | 524                | 16                  | 504          |
| St. Louis Falls               | 2,278              | 2,271                              | 7                         | -            | 680           | 176                | 504                | 14                  | 486          |
| Balance of County             | 85                 | 66                                 | 19                        | -            | 80            | 60                 | 20                 | 2                   | 18           |
| Moody                         | 156                | 130                                | 26                        | -            | 57            | 37                 | 20                 | -                   | 20           |
| Pennington                    | 1,123              | 1,052                              | 69                        | -            | 322           | 122                | 200                | 10                  | 185          |
| Rapid City                    | 953                | 886                                | 65                        | -            | 254           | 74                 | 180                | 5                   | 175          |
| Balance of County             | 170                | 166                                | 4                         | -            | 68            | 48                 | 20                 | 5                   | 12           |
| Perkins                       | 156                | 143                                | 12                        | -            | 52            | 27                 | 25                 | -                   | 19           |
| Potter                        | 155                | 123                                | 32                        | -            | 39            | 16                 | 23                 | -                   | 23           |
| Roberts                       | 286                | 256                                | 7                         | -            | 119           | 67                 | 52                 | -                   | 47           |
| Saukrapot                     | 2                  | -                                  | 2                         | -            | 18            | 18                 | -                  | -                   | -            |
| Shannon                       | 169                | 161                                | 4                         | 2            | 51            | 12                 | 39                 | -                   | 39           |
| Spink                         | 174                | 157                                | 12                        | 4            | 107           | 69                 | 38                 | 18                  | 19           |
| Stanley                       | -                  | -                                  | -                         | -            | 12            | 12                 | -                  | -                   | -            |
| Sully                         | 9                  | 6                                  | 3                         | -            | 12            | 11                 | 1                  | -                   | -            |
| Todd                          | 102                | 85                                 | 4                         | 4            | 39            | 23                 | 16                 | -                   | 16           |
| Tripp                         | 211                | 208                                | 2                         | -            | 62            | 38                 | 24                 | -                   | 22           |
| Turner                        | 106                | 97                                 | 9                         | -            | 80            | 72                 | 8                  | -                   | 5            |
| Union                         | 17                 | 11                                 | 6                         | -            | 55            | 55                 | -                  | -                   | -            |
| Walworth                      | 349                | 346                                | 2                         | 1            | 68            | 36                 | 32                 | -                   | 31           |
| Washburn                      | 4                  | -                                  | 1                         | 2            | 2             | 2                  | -                  | -                   | -            |
| Washington                    | 3                  | -                                  | 2                         | -            | 1             | 1                  | -                  | -                   | -            |
| Yankton                       | 717                | 707                                | 6                         | 4            | 312           | 55                 | 257                | 150                 | 107          |
| Ziebach                       | 50                 | 40                                 | 9                         | -            | 14            | 12                 | 2                  | -                   | 2            |
| <b>TENNESSEE</b>              | <b>84,153</b>      | <b>58,339</b>                      | <b>19,255</b>             | <b>4,945</b> | <b>29,774</b> | <b>16,403</b>      | <b>11,371</b>      | <b>1,060</b>        | <b>9,915</b> |
| Anderson                      | 1,505              | 985                                | 487                       | 51           | 267           | 187                | 80                 | -                   | 80           |
| Bedford                       | 565                | 426                                | 127                       | 11           | 211           | 154                | 57                 | -                   | 57           |
| Benton                        | 190                | 122                                | 40                        | 28           | 82            | 60                 | 2                  | -                   | 2            |
| Bledsoe                       | 277                | 82                                 | 164                       | 30           | 75            | 65                 | 10                 | -                   | 7            |
| Blount                        | 1,369              | 1,127                              | 221                       | 19           | 345           | 246                | 99                 | 1                   | 57           |
| Bradley                       | 958                | 657                                | 243                       | 57           | 284           | 206                | 58                 | 1                   | 55           |
| Cleveland                     | 775                | 657                                | 92                        | 26           | 152           | 96                 | 56                 | -                   | 55           |
| Balance of County             | 183                | -                                  | 151                       | 31           | 112           | 110                | 2                  | 1                   | -            |
| Campbell                      | 1,217              | 649                                | 529                       | 34           | 352           | 225                | 127                | 2                   | 100          |
| Cannon                        | 279                | 243                                | 26                        | 7            | 103           | 69                 | 34                 | -                   | 34           |
| Carroll                       | 550                | 222                                | 318                       | 10           | 203           | 197                | 6                  | -                   | -            |
| Carter                        | 1,078              | 659                                | 169                       | 49           | 256           | 168                | 88                 | -                   | 87           |
| Cheatham                      | 106                | -                                  | 101                       | 5            | 49            | 48                 | -                  | -                   | -            |
| Chester                       | 259                | 86                                 | 134                       | 16           | 76            | 76                 | -                  | -                   | -            |
| Clatsop                       | 418                | 134                                | 214                       | 66           | 183           | 140                | 23                 | -                   | 23           |
| Clay                          | 178                | 1                                  | 132                       | 35           | 49            | 49                 | -                  | -                   | -            |
| Cocke                         | 626                | 189                                | 366                       | 65           | 242           | 189                | 53                 | -                   | 53           |
| Coffee                        | 527                | 406                                | 102                       | 16           | 148           | 134                | 14                 | -                   | 13           |
| Crockett                      | 350                | 1                                  | 303                       | 26           | 120           | 120                | -                  | -                   | -            |
| Cumberland                    | 440                | 112                                | 228                       | 96           | 119           | 106                | 13                 | -                   | 13           |
| Davidson                      | 6,022              | 7,626                              | 317                       | 18           | 3,557         | 1,558              | 1,999              | 302                 | 1,587        |
| Washington                    | 7,172              | 6,908                              | 395                       | 4            | 2,556         | 1,100              | 1,456              | 44                  | 1,309        |
| Balance of County             | 850                | 718                                | 112                       | 14           | 1,001         | 458                | 543                | 258                 | 278          |
| Decatur                       | 203                | 47                                 | 145                       | 9            | 65            | 65                 | -                  | -                   | -            |
| De Kalb                       | 94                 | 3                                  | 78                        | 13           | 89            | 89                 | -                  | -                   | -            |
| Dickson                       | 506                | 268                                | 228                       | 8            | 185           | 170                | 15                 | 1                   | 6            |
| Dyer                          | 680                | 514                                | 320                       | 44           | 291           | 232                | 59                 | 1                   | 58           |
| Dyersburg                     | 597                | 512                                | 60                        | 24           | 148           | 90                 | 58                 | -                   | 58           |
| Balance of County             | 283                | 2                                  | 260                       | 20           | 143           | 142                | 1                  | 1                   | -            |

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# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                       | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|----------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                            | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                            |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                            |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resident       |       |
| <b>TENNESSEE—Continued</b> |                    |                                    |                           |         |        |                    |                    |                     |       |
| Fayette                    | 812                | 74                                 | 153                       | 569     | 225    | 208                | 18                 | -                   | 18    |
| Fentress                   | 292                | 212                                | 88                        | 92      | 82     | 78                 | 4                  | -                   | -     |
| Franklin                   | 654                | 536                                | 62                        | 55      | 244    | 190                | 54                 | -                   | 52    |
| Gibson                     | 1,344              | 926                                | 373                       | 41      | 418    | 321                | 97                 | -                   | 96    |
| Giles                      | 593                | 308                                | 214                       | 70      | 252    | 204                | 48                 | 4                   | 44    |
| Grainger                   | 219                | -                                  | 202                       | 17      | 98     | -                  | -                  | -                   | -     |
| Greene                     | 1,170              | 936                                | 166                       | 67      | 391    | 225                | 166                | 1                   | 165   |
| Grundy                     | 305                | 152                                | 129                       | 24      | 91     | 85                 | 6                  | -                   | -     |
| Hamilton                   | 609                | 512                                | 69                        | 28      | 192    | 115                | 79                 | 1                   | 76    |
| Hamilton                   | 6,180              | 5,296                              | 718                       | 133     | 2,302  | 1,018              | 1,284              | 52                  | 1,196 |
| Chattanooga                | 5,607              | 5,185                              | 307                       | 89      | 1,911  | 718                | 1,193              | 9                   | 1,157 |
| Balance of county          | 573                | 111                                | 411                       | 45      | 391    | 300                | 91                 | 43                  | 39    |
| Hancock                    | 229                | 42                                 | 48                        | 37      | 54     | 53                 | 1                  | -                   | -     |
| Hartman                    | 534                | 4                                  | 349                       | 181     | 381    | 155                | 226                | 226                 | -     |
| Hardin                     | 272                | -                                  | 229                       | 42      | 121    | 120                | 1                  | 1                   | -     |
| Hawkins                    | 551                | 234                                | 265                       | 52      | 215    | 179                | 36                 | -                   | 35    |
| Haywood                    | 992                | 361                                | 203                       | 427     | 260    | 189                | 71                 | 3                   | 66    |
| Henderson                  | 466                | 301                                | 149                       | 15      | 125    | 111                | 14                 | -                   | 12    |
| Henry                      | 516                | 268                                | 244                       | 4       | 240    | 184                | 56                 | 1                   | 55    |
| Hickman                    | 227                | 97                                 | 83                        | 44      | 80     | 73                 | 7                  | -                   | -     |
| Houston                    | 97                 | -                                  | 79                        | 18      | 42     | 41                 | 1                  | 1                   | -     |
| Humphreys                  | 211                | 132                                | 77                        | 2       | 96     | 94                 | 2                  | -                   | -     |
| Jackson                    | 246                | 1                                  | 190                       | 54      | 80     | 78                 | 2                  | 2                   | -     |
| Jefferson                  | 511                | 321                                | 162                       | 8       | 168    | 128                | 40                 | -                   | 31    |
| Johnson                    | 288                | 163                                | 94                        | 31      | 79     | 74                 | 5                  | 1                   | 1     |
| Knox                       | 5,992              | 5,072                              | 871                       | 47      | 2,209  | 994                | 1,215              | 209                 | 972   |
| Knoxville                  | 5,413              | 5,070                              | 331                       | 12      | 1,559  | 594                | 965                | 1                   | 931   |
| Balance of county          | 579                | 2                                  | 540                       | 35      | 650    | 400                | 250                | 208                 | 41    |
| Lake                       | 358                | 56                                 | 260                       | 42      | 72     | 70                 | 2                  | -                   | -     |
| Lauderdale                 | 468                | 1                                  | 316                       | 148     | 182    | 182                | -                  | -                   | -     |
| Lawrence                   | 904                | 454                                | 328                       | 21      | 216    | 166                | 50                 | 3                   | 47    |
| Lewis                      | 277                | 231                                | 38                        | 7       | 50     | 45                 | 5                  | -                   | 3     |
| Lincoln                    | 723                | 579                                | 134                       | 8       | 290    | 198                | 102                | 1                   | 101   |
| Loudon                     | 560                | 331                                | 218                       | 10      | 183    | 150                | 33                 | -                   | 33    |
| McKim                      | 910                | 736                                | 111                       | 13      | 276    | 181                | 95                 | -                   | 93    |
| McMurry                    | 480                | 201                                | 225                       | 53      | 134    | 133                | 1                  | -                   | -     |
| Macon                      | 248                | 46                                 | 186                       | 15      | 107    | 107                | -                  | -                   | -     |
| Madison                    | 1,615              | 1,009                              | 246                       | 358     | 617    | 418                | 199                | -                   | 199   |
| Jackson                    | 1,228              | 1,008                              | 102                       | 118     | 435    | 236                | 199                | -                   | 199   |
| Balance of county          | 387                | 1                                  | 144                       | 240     | 182    | 182                | -                  | -                   | -     |
| Marion                     | 428                | 95                                 | 316                       | 16      | 119    | 118                | 1                  | -                   | -     |
| Marshall                   | 461                | 390                                | 63                        | 8       | 175    | 117                | 58                 | -                   | 58    |
| Maury                      | 965                | 568                                | 343                       | 73      | 360    | 296                | 64                 | 3                   | 61    |
| Columbia                   | 635                | 568                                | 50                        | 17      | 159    | 98                 | 81                 | -                   | 61    |
| Balance of county          | 350                | -                                  | 293                       | 56      | 201    | 198                | 3                  | 3                   | -     |
| Meigs                      | 70                 | 1                                  | 58                        | 30      | 25     | 25                 | -                  | -                   | -     |
| Monroe                     | 715                | 362                                | 278                       | 74      | 207    | 154                | 53                 | -                   | 53    |
| Montgomery                 | 981                | 581                                | 312                       | 87      | 312    | 251                | 61                 | 1                   | 60    |
| Clarksville                | 722                | 580                                | 103                       | 39      | 173    | 113                | 60                 | -                   | 60    |
| Balance of county          | 259                | 1                                  | 209                       | 48      | 139    | 138                | 1                  | 1                   | -     |
| Moore                      | 23                 | -                                  | 23                        | -       | 33     | 33                 | -                  | -                   | -     |
| Morgan                     | 290                | -                                  | 244                       | 46      | 100    | 99                 | 1                  | 1                   | -     |
| Obion                      | 500                | 302                                | 192                       | 6       | 246    | 218                | 28                 | 3                   | 25    |
| Overton                    | 506                | 208                                | 244                       | 53      | 137    | 114                | 23                 | -                   | 13    |
| Perry                      | 79                 | -                                  | 74                        | 3       | 27     | 27                 | -                  | -                   | -     |
| Pickett                    | 82                 | -                                  | 74                        | 8       | 27     | 27                 | -                  | -                   | -     |
| Polk                       | 416                | 1288                               | 105                       | 12      | 101    | 85                 | 16                 | 1                   | 15    |
| Putnam                     | 824                | 548                                | 217                       | 58      | 186    | 146                | 40                 | 2                   | 38    |
| Rhea                       | 376                | 148                                | 135                       | 75      | 137    | 117                | 20                 | -                   | 17    |
| Ross                       | 1,247              | 1,053                              | 159                       | 35      | 308    | 198                | 122                | 1                   | 120   |
| Robertson                  | 632                | 389                                | 234                       | 9       | 197    | 171                | 26                 | 1                   | 25    |
| Rutherford                 | 942                | 697                                | 114                       | 29      | 366    | 238                | 130                | 43                  | 83    |
| Scott                      | 631                | 374                                | 155                       | 101     | 125    | 106                | 19                 | -                   | 19    |
| Sequatchie                 | 157                | 1                                  | 139                       | 17      | 30     | 30                 | -                  | -                   | -     |
| Sewyer                     | 643                | 454                                | 100                       | 51      | 199    | 140                | 59                 | 1                   | 58    |
| Shelby                     | 15,178             | 11,044                             | 672                       | 227     | 5,242  | 2,112              | 3,130              | 173                 | 2,931 |
| Memphis                    | 12,019             | 10,609                             | 470                       | 40      | 4,292  | 1,746              | 2,546              | 15                  | 2,510 |
| Balance of county          | 1,159              | 435                                | 202                       | 187     | 950    | 366                | 584                | 158                 | 421   |
| Smith                      | 163                | 1                                  | 159                       | 3       | 108    | 108                | -                  | -                   | -     |
| Stewart                    | 144                | 1                                  | 138                       | 5       | 69     | 69                 | -                  | -                   | -     |
| Sullivan                   | 2,324              | 1,679                              | 381                       | 59      | 549    | 337                | 212                | 1                   | 207   |
| Bristol <sup>11</sup>      | 91                 | 15                                 | 68                        | 8       | 69     | 64                 | 4                  | -                   | 2     |
| Kingsport                  | 1,896              | 1,062                              | 32                        | 1       | 268    | 61                 | 207                | -                   | 205   |
| Balance of county          | 337                | 2                                  | 281                       | 50      | 192    | 1                  | 1                  | 1                   | -     |
| Sumner                     | 624                | 366                                | 212                       | 27      | 271    | 241                | 30                 | 5                   | 22    |
| Tipton                     | 720                | 60                                 | 471                       | 177     | 200    | 187                | 13                 | 1                   | -     |
| Trousdale                  | 134                | 49                                 | 80                        | 5       | 34     | 34                 | -                  | -                   | -     |
| Union                      | 420                | 315                                | 73                        | 32      | 116    | 85                 | 31                 | -                   | 31    |
| Union                      | 117                | -                                  | 94                        | 23      | 57     | 57                 | -                  | -                   | -     |
| Van Buren                  | 55                 | -                                  | 37                        | 14      | 23     | 23                 | -                  | -                   | -     |
| Warren                     | 895                | 521                                | 168                       | 5       | 173    | 139                | 34                 | -                   | 31    |
| Washington                 | 1,638              | 1,303                              | 309                       | 25      | 649    | 323                | 326                | -                   | 325   |
| Johnson City               | 1,386              | 1,300                              | 75                        | 10      | 467    | 141                | 326                | -                   | 325   |
| Balance of county          | 252                | 3                                  | 234                       | 15      | 182    | -                  | -                  | -                   | -     |
| Wayne                      | 345                | 165                                | 102                       | 56      | 81     | 65                 | 16                 | -                   | 15    |
| Weakley                    | 442                | 305                                | 137                       | -       | 263    | 230                | 33                 | 3                   | 29    |
| White                      | 452                | 255                                | 175                       | 21      | 130    | 100                | 30                 | -                   | 30    |
| Williamson                 | 554                | 433                                | 106                       | 15      | 200    | 160                | 40                 | 6                   | 28    |
| Wilson                     | 850                | 749                                | 78                        | 14      | 308    | 200                | 108                | -                   | 108   |

See footnotes on p. 111.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                          | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |        |
|-------------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|--------|
|                               | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |        |
|                               |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |        |
|                               |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |        |
| TEXAS-----                    | 196,347            | 148,012                            | 25,315                    | 21,138  | 64,077 | 38,332             | 25,745             | 1,828               | 25,513 |
| Anderson-----                 | 753                | 485                                | 109                       | 154     | 315    | 216                | 99                 | 1                   | 90     |
| Palostine-----                | 579                | 485                                | 44                        | 50      | 215    | 116                | 99                 | 1                   | 90     |
| Balance of county-----        | 174                | -                                  | 65                        | 104     | 100    | 100                | -                  | -                   | -      |
| Andrews-----                  | 121                | 117                                | 4                         | -       | 25     | 23                 | 2                  | -                   | 2      |
| Angelina-----                 | 934                | 822                                | 94                        | 17      | 258    | 156                | 102                | -                   | 100    |
| Aransas-----                  | 28                 | 1                                  | 26                        | 1       | 30     | 30                 | -                  | -                   | -      |
| Archer-----                   | 37                 | 32                                 | 5                         | -       | 31     | 23                 | 8                  | -                   | 7      |
| Armstrong-----                | 2                  | -                                  | 2                         | -       | 10     | 10                 | -                  | -                   | -      |
| Atascosa-----                 | 497                | 134                                | 262                       | 89      | 148    | 122                | 26                 | -                   | 24     |
| Austin-----                   | 304                | 128                                | 129                       | 44      | 150    | 123                | 27                 | -                   | 27     |
| Bailey-----                   | 149                | 149                                | 1                         | -       | 34     | 16                 | 18                 | -                   | 18     |
| Bandera-----                  | 42                 | 36                                 | 4                         | -       | 36     | 31                 | 5                  | -                   | -      |
| Bastrop-----                  | 489                | 267                                | 109                       | 110     | 214    | 171                | 43                 | -                   | 38     |
| Baylor-----                   | 146                | 143                                | 3                         | -       | 47     | 26                 | 21                 | -                   | 21     |
| Bee-----                      | 636                | 331                                | 166                       | 136     | 216    | 152                | 64                 | -                   | 63     |
| Bell-----                     | 1,546              | 1,229                              | 276                       | 35      | 650    | 275                | 375                | 1                   | 374    |
| Temple-----                   | 795                | 655                                | 113                       | 26      | 437    | 123                | 314                | -                   | 314    |
| Balance of county-----        | 751                | 574                                | 163                       | 9       | 213    | 152                | 61                 | 1                   | 60     |
| Bexar-----                    | 15,093             | 10,539                             | 1,201                     | 3,263   | 4,738  | 2,473              | 2,265              | 227                 | 1,930  |
| San Antonio-----              | 14,269             | 10,039                             | 1,089                     | 3,064   | 4,215  | 2,242              | 1,973              | 7                   | 1,864  |
| Balance of county-----        | 824                | 500                                | 112                       | 199     | 523    | 231                | 292                | 220                 | 66     |
| Blanco-----                   | 89                 | 78                                 | 8                         | 2       | 27     | 18                 | 9                  | -                   | 9      |
| Borden-----                   | -                  | -                                  | -                         | -       | -      | -                  | -                  | -                   | -      |
| Bosque-----                   | 296                | 297                                | 11                        | -       | 122    | 89                 | 33                 | -                   | 32     |
| Bowie-----                    | 1,062              | 561                                | 201                       | 285     | 433    | 337                | 96                 | 1                   | 91     |
| Texarkana <sup>12</sup> ----- | 606                | 494                                | 54                        | 83      | 255    | 164                | 91                 | -                   | 88     |
| Balance of county-----        | 456                | 77                                 | 167                       | 202     | 178    | 173                | 5                  | 1                   | 3      |
| Brazoria-----                 | 1,028              | 907                                | 40                        | 74      | 239    | 157                | 82                 | 7                   | 72     |
| Brazos-----                   | 1,194              | 897                                | 31                        | 256     | 266    | 192                | 74                 | -                   | 73     |
| Bryan-----                    | 1,065              | 897                                | 21                        | 141     | 193    | 120                | 73                 | -                   | 72     |
| Balance of county-----        | 129                | -                                  | 10                        | 115     | 73     | 72                 | 1                  | -                   | 1      |
| Brewster-----                 | 244                | 108                                | 105                       | 14      | 73     | 61                 | 12                 | -                   | 12     |
| Briscoe-----                  | 21                 | 13                                 | 7                         | -       | 20     | 16                 | 4                  | -                   | 5      |
| Brooks-----                   | 334                | 259                                | 14                        | 22      | 81     | 75                 | 6                  | -                   | 5      |
| Brown-----                    | 761                | 725                                | 22                        | 14      | 260    | 134                | 126                | 2                   | 112    |
| Brownwood-----                | 743                | 713                                | 18                        | 12      | 204    | 96                 | 108                | 2                   | 109    |
| Balance of county-----        | 18                 | 12                                 | 4                         | 2       | 56     | 48                 | 8                  | -                   | 3      |
| Burleson-----                 | 202                | -                                  | 86                        | 102     | 117    | 115                | 2                  | -                   | -      |
| Burnet-----                   | 200                | 148                                | 43                        | 6       | 85     | 61                 | 4                  | -                   | 4      |
| Caldwell-----                 | 594                | 249                                | 262                       | 58      | 200    | 138                | 62                 | -                   | 60     |
| Callahan-----                 | 131                | -                                  | 117                       | 10      | 46     | 45                 | 1                  | -                   | -      |
| Callahan-----                 | 117                | 107                                | 10                        | -       | 66     | 52                 | 14                 | -                   | 14     |
| Cameron-----                  | 4,951              | 1,451                              | 1,156                     | 2,126   | 1,171  | 896                | 273                | 7                   | 249    |
| Brownsville-----              | 1,416              | 595                                | 120                       | 696     | 361    | 262                | 99                 | 7                   | 90     |
| Harlingen-----                | 1,082              | 856                                | 206                       | 18      | 267    | 101                | 166                | -                   | 159    |
| Balance of county-----        | 2,453              | 2                                  | 830                       | 1,422   | 543    | 535                | 8                  | -                   | -      |
| Camp-----                     | 320                | 258                                | 18                        | 41      | 81     | 68                 | 13                 | -                   | 13     |
| Carson-----                   | 77                 | 77                                 | -                         | -       | 28     | 13                 | 15                 | -                   | 13     |
| Cass-----                     | 684                | 402                                | 107                       | 145     | 219    | 182                | 37                 | -                   | 36     |
| Castro-----                   | 75                 | 73                                 | 2                         | -       | 16     | 13                 | 3                  | -                   | 3      |
| Chambers-----                 | 95                 | 54                                 | 18                        | 23      | 37     | 34                 | 3                  | -                   | 3      |
| Cherokee-----                 | 881                | 635                                | 153                       | 88      | 586    | 225                | 361                | 217                 | 142    |
| Childress-----                | 220                | 206                                | 11                        | 2       | 87     | 72                 | 15                 | -                   | 11     |
| Clay-----                     | 33                 | 9                                  | 24                        | -       | 45     | 45                 | -                  | -                   | -      |
| Cochran-----                  | 141                | 137                                | 1                         | 1       | 38     | 29                 | 9                  | -                   | 4      |
| Coke-----                     | 50                 | 38                                 | 12                        | -       | 15     | 9                  | 6                  | -                   | 5      |
| Coleman-----                  | 331                | 285                                | 44                        | -       | 133    | 83                 | 50                 | 1                   | 48     |
| Collin-----                   | 766                | 574                                | 184                       | 8       | 495    | 254                | 241                | -                   | 238    |
| Collingsworth-----            | 229                | 215                                | 13                        | 1       | 68     | 42                 | 26                 | -                   | 26     |
| Colorado-----                 | 327                | 231                                | 20                        | 76      | 165    | 147                | 18                 | -                   | 17     |
| Comal-----                    | 453                | 279                                | 130                       | 32      | 151    | 94                 | 57                 | -                   | 57     |
| Comanche-----                 | 126                | 115                                | 12                        | 1       | 105    | 94                 | 11                 | -                   | 11     |
| Concho-----                   | 53                 | 26                                 | 15                        | 9       | 18     | 15                 | 3                  | -                   | 3      |
| Cooke-----                    | 558                | 508                                | 40                        | 10      | 202    | 141                | 61                 | -                   | 61     |
| Coryell-----                  | 285                | 275                                | 10                        | -       | 123    | 87                 | 36                 | 1                   | 35     |
| Cottle-----                   | 158                | 121                                | 35                        | 1       | 64     | 32                 | 32                 | -                   | 32     |
| Crane-----                    | 87                 | 87                                 | -                         | -       | 25     | 16                 | 7                  | -                   | 5      |
| Crockett-----                 | 50                 | -                                  | 45                        | 5       | 12     | 12                 | -                  | -                   | -      |
| Crosby-----                   | 271                | 217                                | 49                        | 5       | 75     | 58                 | 17                 | -                   | 17     |
| Cullbertson-----              | 37                 | -                                  | 37                        | -       | 10     | 10                 | -                  | -                   | -      |
| Dallas-----                   | 7                  | -                                  | 7                         | -       | 28     | 28                 | -                  | -                   | -      |
| Dallas-----                   | 14,292             | 13,505                             | 731                       | 45      | 4,645  | 2,586              | 2,259              | 31                  | 2,184  |
| Dallas-----                   | 13,876             | 13,375                             | 465                       | 27      | 3,911  | 1,755              | 2,156              | 6                   | 2,114  |
| Highland Park-----            | -                  | -                                  | -                         | -       | 61     | 61                 | -                  | -                   | -      |
| University Park-----          | -                  | -                                  | -                         | -       | 70     | 70                 | -                  | -                   | -      |
| Balance of county-----        | 416                | 130                                | 266                       | 18      | 603    | 502                | 101                | 25                  | 70     |
| Dawson-----                   | 710                | 592                                | 89                        | 48      | 176    | 88                 | 88                 | -                   | 84     |
| Deaf Smith-----               | 264                | 217                                | 39                        | 2       | 55     | 46                 | 9                  | -                   | 9      |
| Delta-----                    | 110                | 61                                 | 44                        | 5       | 55     | 50                 | 5                  | -                   | 5      |
| Denton-----                   | 769                | 634                                | 133                       | 2       | 329    | 202                | 127                | -                   | 123    |
| Denton-----                   | 537                | 510                                | 10                        | 1       | 191    | 82                 | 109                | -                   | 109    |
| Balance of county-----        | 232                | 116                                | 115                       | 1       | 138    | 120                | 18                 | -                   | 14     |
| De Witt-----                  | 521                | 274                                | 149                       | 67      | 265    | 174                | 91                 | 12                  | 77     |
| Dickens-----                  | 104                | 62                                 | 35                        | 6       | 51     | 42                 | 9                  | -                   | 8      |
| Dimit-----                    | 298                | 1                                  | 215                       | 76      | 76     | 76                 | -                  | -                   | -      |
| Donley-----                   | 50                 | 33                                 | 13                        | 4       | 28     | 28                 | -                  | -                   | -      |
| Duval-----                    | 467                | 128                                | 207                       | 103     | 99     | 90                 | 9                  | -                   | 9      |
| Eastland-----                 | 805                | 774                                | 28                        | 1       | 281    | 174                | 107                | -                   | 105    |
| Ector-----                    | 1,008              | 887                                | 109                       | 9       | 136    | 65                 | 71                 | -                   | 71     |
| Edwards-----                  | 41                 | -                                  | 26                        | 15      | 21     | 21                 | -                  | -                   | -      |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                   | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                        | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                        |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                        |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| <b>TEXAS—Continued</b> |                    |                                    |                           |         |        |                    |                    |                     |       |
| Ellice                 | 914                | 697                                | 167                       | 57      | 414    | 312                | 102                | 8                   | 93    |
| El Paso                | 6,821              | 5,673                              | 459                       | 632     | 1,691  | 813                | 878                | 2                   | 872   |
| El Paso                | 5,066              | 4,426                              | 120                       | 502     | 1,382  | 577                | 805                | -                   | 803   |
| Balance of county      | 1,755              | 1,247                              | 339                       | 130     | 309    | 236                | 73                 | 2                   | 69    |
| Erath                  | 361                | 360                                | 21                        | -       | 149    | 100                | 49                 | 1                   | 47    |
| Falls                  | 649                | 404                                | 71                        | 164     | 358    | 228                | 130                | -                   | 128   |
| Fannin                 | 622                | 468                                | 135                       | 19      | 317    | 245                | 72                 | -                   | 58    |
| Fayette                | 410                | 275                                | 72                        | 45      | 251    | 173                | 78                 | 2                   | 75    |
| Fisher                 | 278                | 267                                | 3                         | -       | 70     | 30                 | 40                 | -                   | 36    |
| Floyd                  | 169                | 136                                | 29                        | 3       | 63     | 51                 | 12                 | -                   | 11    |
| Foard                  | 77                 | 59                                 | 17                        | -       | 33     | 32                 | 1                  | -                   | 1     |
| Fort Bend              | 624                | 350                                | 158                       | 100     | 270    | 194                | 76                 | 2                   | 72    |
| Franklin               | 73                 | 52                                 | 17                        | 4       | 48     | 39                 | 9                  | -                   | 8     |
| Freestone              | 298                | 141                                | 57                        | 94      | 138    | 114                | 24                 | -                   | 19    |
| Frio                   | 400                | 65                                 | 201                       | 130     | 101    | 12                 | -                  | -                   | 8     |
| Gaines                 | 268                | 255                                | 11                        | -       | 71     | 54                 | 17                 | -                   | 16    |
| Galveston              | 2,972              | 2,883                              | 84                        | 1       | 1,256  | 479                | 777                | 8                   | 767   |
| Galveston              | 2,388              | 2,313                              | 69                        | -       | 1,085  | 360                | 725                | 6                   | 718   |
| Balance of county      | 586                | 570                                | 15                        | 1       | 171    | 119                | 52                 | 2                   | 49    |
| Garza                  | 97                 | 1                                  | 87                        | 9       | 27     | 27                 | -                  | -                   | -     |
| Gillespie              | 352                | 344                                | 4                         | 3       | 122    | 62                 | 40                 | -                   | 40    |
| Glasscock              | -                  | -                                  | -                         | -       | 6      | 6                  | -                  | -                   | -     |
| Goliad                 | 110                | 1                                  | 86                        | 16      | 51     | 51                 | -                  | -                   | -     |
| Gonzales               | 466                | 183                                | 230                       | 52      | 231    | 197                | 34                 | -                   | 32    |
| Gray                   | 735                | 701                                | 34                        | -       | 181    | 71                 | 110                | -                   | 109   |
| Pampa                  | 711                | 697                                | 24                        | -       | 161    | 52                 | 109                | -                   | 109   |
| Balance of county      | 24                 | 14                                 | 10                        | -       | 20     | 19                 | 1                  | -                   | -     |
| Grayson                | 1,648              | 1,490                              | 128                       | 28      | 720    | 397                | 323                | 2                   | 316   |
| Denison                | 669                | 647                                | 11                        | 11      | 257    | 119                | 138                | 1                   | 134   |
| Sherman                | 797                | 765                                | 30                        | 11      | 309    | 128                | 181                | -                   | 160   |
| Balance of county      | 182                | 78                                 | 97                        | 6       | 154    | 150                | 4                  | 1                   | 2     |
| Gregg                  | 1,760              | 1,602                              | 52                        | 115     | 467    | 247                | 220                | -                   | 220   |
| Longview               | 1,025              | 934                                | 21                        | 67      | 221    | 95                 | 128                | -                   | 128   |
| Balance of county      | 735                | 668                                | 11                        | 48      | 246    | 154                | 92                 | -                   | 92    |
| Grimes                 | 402                | 280                                | 23                        | 116     | 168    | 125                | 43                 | -                   | 42    |
| Guadalupe              | 636                | 212                                | 363                       | 55      | 262    | 217                | 45                 | -                   | 45    |
| Hale                   | 659                | 555                                | 82                        | 20      | 218    | 116                | 102                | -                   | 101   |
| Hall                   | 300                | 251                                | 44                        | 5       | 94     | 53                 | 41                 | -                   | 40    |
| Hamilton               | 192                | 172                                | 20                        | -       | 106    | 76                 | 30                 | -                   | 30    |
| Hansford               | 29                 | 20                                 | 6                         | 2       | 6      | 3                  | -                  | -                   | -     |
| Hardeman               | 283                | 271                                | 12                        | -       | 94     | 47                 | 47                 | -                   | 47    |
| Hardin                 | 413                | 204                                | 198                       | 8       | 147    | 144                | 3                  | -                   | 2     |
| Harris                 | 19,475             | 16,384                             | 479                       | 576     | 6,039  | 2,816              | 3,223              | 16                  | 3,147 |
| Houston                | 17,450             | 16,624                             | 329                       | 468     | 5,297  | 2,350              | 2,947              | 11                  | 2,909 |
| Balance of county      | 2,025              | 1,760                              | 150                       | 108     | 742    | 466                | 276                | 5                   | 238   |
| Harrison               | 1,184              | 531                                | 69                        | 556     | 434    | 308                | 128                | -                   | 128   |
| Marshall               | 716                | 531                                | 39                        | 140     | 280    | 154                | 126                | -                   | 126   |
| Balance of county      | 468                | -                                  | 31                        | 416     | 154    | 154                | -                  | -                   | -     |
| Hartley                | 221                | 216                                | 5                         | -       | 50     | 3                  | 47                 | -                   | 47    |
| Haskell                | 236                | 223                                | 6                         | 6       | 85     | 45                 | 40                 | -                   | 40    |
| Hays                   | 431                | 217                                | 165                       | 34      | 145    | 111                | 34                 | -                   | 33    |
| Hemphill               | 72                 | 69                                 | 4                         | -       | 19     | 15                 | 4                  | -                   | 4     |
| Henderson              | 489                | 289                                | 126                       | 71      | 181    | 166                | 15                 | -                   | 15    |
| Hidalgo                | 6,779              | 1,790                              | 2,211                     | 2,544   | 1,814  | 1,401              | 413                | 4                   | 397   |
| McAllen                | 1,108              | 574                                | 211                       | 310     | 269    | 158                | 111                | -                   | 108   |
| Balance of county      | 5,671              | 1,216                              | 2,000                     | 2,234   | 1,545  | 1,243              | 302                | 4                   | 289   |
| Hill                   | 499                | 257                                | 195                       | 43      | 274    | 228                | 46                 | -                   | 46    |
| Hockley                | 428                | 388                                | 26                        | 10      | 90     | 56                 | 34                 | -                   | 34    |
| Hood                   | 66                 | 49                                 | 17                        | -       | 40     | 38                 | 2                  | -                   | 1     |
| Hopkins                | 498                | 453                                | 32                        | 13      | 195    | 139                | 56                 | -                   | 54    |
| Houston                | 547                | 266                                | 152                       | 122     | 194    | 156                | 38                 | -                   | 37    |
| Howard                 | 697                | 627                                | 43                        | 26      | 245    | 101                | 144                | 29                  | 115   |
| Big Spring             | 693                | 627                                | 40                        | 25      | 194    | 79                 | 115                | -                   | 115   |
| Balance of county      | 4                  | -                                  | 3                         | 1       | 51     | 28                 | 29                 | 29                  | -     |
| Hudspeth               | 152                | 1                                  | 143                       | 7       | 17     | 17                 | -                  | -                   | -     |
| Hunt                   | 1,028              | 767                                | 244                       | 15      | 393    | 275                | 118                | -                   | 110   |
| Greenville             | 723                | 568                                | 144                       | 9       | 199    | 115                | 84                 | -                   | 82    |
| Balance of county      | 305                | 199                                | 100                       | 6       | 194    | 160                | 34                 | -                   | 28    |
| Hutchinson             | 944                | 935                                | 9                         | -       | 125    | 44                 | 81                 | -                   | 80    |
| Borger                 | 798                | 789                                | 9                         | -       | 101    | 36                 | 65                 | -                   | 64    |
| Balance of county      | 146                | 146                                | -                         | -       | 24     | 8                  | 16                 | -                   | 16    |
| Irion                  | 17                 | -                                  | 13                        | 3       | 11     | 11                 | -                  | -                   | -     |
| Jack                   | 124                | 120                                | 4                         | -       | 67     | 59                 | 8                  | -                   | 8     |
| Jackson                | 202                | 1                                  | 180                       | 21      | 73     | 73                 | -                  | -                   | -     |
| Jasper                 | 593                | 328                                | 190                       | 72      | 190    | 169                | 21                 | -                   | 19    |
| Jeff Davis             | 46                 | -                                  | 43                        | 2       | 11     | 11                 | -                  | -                   | -     |
| Jefferson              | 5,310              | 4,609                              | 542                       | 328     | 1,486  | 809                | 678                | 13                  | 651   |
| Beaumont               | 2,877              | 2,547                              | 127                       | 202     | 889    | 439                | 451                | 8                   | 437   |
| Port Arthur            | 2,213              | 2,027                              | 128                       | 28      | 415    | 225                | 190                | 1                   | 186   |
| Balance of county      | 220                | 35                                 | 87                        | 98      | 182    | 145                | 37                 | 4                   | 28    |
| Jim Hogg               | 125                | -                                  | 55                        | 70      | 33     | 33                 | -                  | -                   | -     |
| Jim Wells              | 900                | 556                                | 220                       | 108     | 206    | 135                | 71                 | -                   | 71    |
| Johnson                | 678                | 597                                | 66                        | 15      | 281    | 209                | 72                 | -                   | 62    |
| Cleburne               | 591                | 550                                | 30                        | 11      | 162    | 94                 | 68                 | -                   | 59    |
| Balance of county      | 87                 | 47                                 | 36                        | 4       | 119    | 115                | 4                  | -                   | 3     |
| Jones                  | 413                | 346                                | 56                        | 10      | 171    | 107                | 64                 | -                   | 54    |
| Karnes                 | 472                | 165                                | 239                       | 58      | 134    | 115                | 19                 | -                   | 19    |
| Kaufman                | 713                | 496                                | 155                       | 71      | 499    | 212                | 287                | 195                 | 85    |
| Terrell                | 387                | 339                                | 35                        | 23      | 334    | 67                 | 267                | 194                 | 71    |
| Balance of county      | 316                | 147                                | 120                       | 48      | 165    | 145                | 20                 | 1                   | 14    |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA              | LIVE BIRTHS        |                                    |                           |         | Total | DEATHS |                    |                |              |                    |
|-------------------|--------------------|------------------------------------|---------------------------|---------|-------|--------|--------------------|----------------|--------------|--------------------|
|                   | Total <sup>1</sup> | Attended by—                       |                           |         |       | Total  | Not in institution | In institution |              | Total <sup>3</sup> |
|                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |       |        |                    | Resident       | Non-resident |                    |
| TEXAS—Continued   |                    |                                    |                           |         |       |        |                    |                |              |                    |
| Kendall           | 42                 | 2                                  | 25                        | 14      | 49    | 49     | -                  | -              | -            |                    |
| Kenedy            | 6                  | -                                  | 3                         | 3       | 2     | -      | -                  | -              | -            |                    |
| Kent              | 23                 | 16                                 | 4                         | 1       | 11    | 11     | -                  | -              | -            |                    |
| Kerr              | 208                | 203                                | 73                        | 11      | 289   | 20     | 194                | 2              | 191          |                    |
| Kimble            | 50                 | -                                  | 84                        | 3       | 20    | 5      | -                  | -              | -            |                    |
| King              | 3                  | -                                  | 3                         | -       | 5     | -      | -                  | -              | -            |                    |
| Kimney            | 38                 | -                                  | 18                        | 18      | 15    | 15     | -                  | -              | -            |                    |
| Kleberg           | 576                | 550                                | 96                        | 27      | 145   | 77     | 68                 | -              | 68           |                    |
| Knox              | 318                | 273                                | 26                        | 19      | 78    | 44     | 34                 | -              | 34           |                    |
| Lenax             | 1,296              | 939                                | 250                       | 97      | 517   | 286    | 231                | -              | 227          |                    |
| Paris             | 966                | 784                                | 151                       | 27      | 360   | 164    | 216                | -              | 215          |                    |
| Balance of county | 330                | 155                                | 99                        | 70      | 137   | 122    | 15                 | -              | 12           |                    |
| Lamb              | 739                | 684                                | 15                        | 37      | 160   | 86     | 104                | -              | 104          |                    |
| Lampasas          | 236                | 194                                | 41                        | 1       | 96    | 76     | 20                 | -              | 20           |                    |
| La Salle          | 297                | 95                                 | 98                        | 90      | 64    | 64     | -                  | -              | -            |                    |
| Lavaca            | 659                | 559                                | 56                        | 41      | 282   | 144    | 108                | 1              | 99           |                    |
| Lee               | 77                 | -                                  | 39                        | 38      | 68    | 68     | -                  | -              | -            |                    |
| Leon              | 158                | -                                  | 62                        | 93      | 114   | 114    | -                  | -              | -            |                    |
| Liberty           | 852                | 741                                | 29                        | 80      | 228   | 103    | 126                | -              | 124          |                    |
| Limestone         | 479                | 251                                | 147                       | 76      | 257   | 193    | 64                 | 12             | 51           |                    |
| Lipscomb          | 53                 | 51                                 | 2                         | -       | 25    | -      | -                  | -              | -            |                    |
| Live Oak          | 203                | 71                                 | 99                        | 31      | 72    | 64     | 6                  | -              | 7            |                    |
| Llano             | 104                | 86                                 | 18                        | -       | 47    | 46     | 1                  | -              | 1            |                    |
| Loving            | -                  | -                                  | -                         | -       | -     | -      | -                  | -              | -            |                    |
| Lubbock           | 2,963              | 2,445                              | 454                       | 51      | 653   | 307    | 346                | -              | 346          |                    |
| Lubbock           | 2,514              | 2,226                              | 269                       | 17      | 536   | 221    | 315                | -              | 315          |                    |
| Balance of county | 449                | 219                                | 185                       | 34      | 117   | 86     | 31                 | -              | 31           |                    |
| Lynn              | 177                | 125                                | 23                        | 3       | 51    | 39     | 12                 | -              | 12           |                    |
| McCulloch         | 403                | 374                                | 24                        | 5       | 139   | 87     | 52                 | 2              | 45           |                    |
| McLennan          | 2,980              | 2,523                              | 232                       | 208     | 1,177 | 689    | 488                | 93             | 377          |                    |
| Waco              | 2,667              | 2,484                              | 79                        | 100     | 819   | 426    | 393                | 1              | 376          |                    |
| Balance of county | 313                | 39                                 | 153                       | 108     | 358   | 263    | 95                 | 92             | 1            |                    |
| McMullen          | 18                 | -                                  | 9                         | 6       | 6     | 6      | -                  | -              | -            |                    |
| Madison           | 137                | 85                                 | 17                        | 35      | 84    | 83     | 1                  | -              | 1            |                    |
| Marion            | 240                | 87                                 | 76                        | 75      | 84    | 83     | 1                  | -              | 1            |                    |
| Martin            | 154                | 115                                | 5                         | 2       | 31    | 25     | 6                  | -              | 5            |                    |
| Mason             | 30                 | -                                  | 28                        | 2       | 33    | 33     | -                  | -              | -            |                    |
| Matagorda         | 630                | 424                                | 139                       | 62      | 182   | 120    | 62                 | -              | 62           |                    |
| Maverick          | 408                | 82                                 | 88                        | 217     | 126   | 108    | 20                 | -              | 20           |                    |
| Medina            | 497                | 301                                | 107                       | 83      | 133   | 103    | 30                 | -              | 28           |                    |
| Menard            | 76                 | -                                  | 70                        | 5       | 24    | 23     | 1                  | -              | -            |                    |
| Midland           | 528                | 490                                | 14                        | 20      | 129   | 82     | 47                 | -              | 47           |                    |
| Milam             | 512                | 330                                | 112                       | 64      | 227   | 189    | 38                 | -              | 38           |                    |
| Mills             | 10                 | 5                                  | 5                         | -       | 39    | 38     | -                  | -              | -            |                    |
| Mitchell          | 348                | 319                                | 22                        | -       | 119   | 76     | 43                 | -              | 40           |                    |
| Montague          | 329                | 286                                | 43                        | -       | 151   | 117    | 34                 | -              | 34           |                    |
| Montgomery        | 535                | 379                                | 72                        | 75      | 204   | 133    | 71                 | -              | 69           |                    |
| Moore             | 148                | 111                                | 37                        | -       | 44    | 38     | 6                  | -              | 6            |                    |
| Morris            | 128                | 38                                 | 55                        | 32      | 66    | 63     | 3                  | -              | 1            |                    |
| Motley            | 161                | 151                                | 9                         | -       | 39    | 39     | 19                 | -              | 19           |                    |
| Nacogdoches       | 702                | 523                                | 121                       | 48      | 215   | 133    | 82                 | -              | 82           |                    |
| Navarro           | 917                | 682                                | 139                       | 92      | 391   | 289    | 103                | -              | 102          |                    |
| Corsicana         | 732                | 682                                | 32                        | 15      | 259   | 156    | 103                | -              | 102          |                    |
| Balance of county | 185                | -                                  | 107                       | 77      | 132   | 132    | -                  | -              | -            |                    |
| Newton            | 166                | -                                  | 63                        | 79      | 64    | 64     | -                  | -              | -            |                    |
| Nolan             | 537                | 525                                | 12                        | -       | 181   | 80     | 101                | -              | 100          |                    |
| Sweetwater        | 389                | 377                                | 12                        | -       | 126   | 79     | 47                 | -              | 78           |                    |
| Balance of county | 148                | 148                                | -                         | -       | 55    | 33     | 22                 | -              | 22           |                    |
| Nueces            | 5,287              | 3,619                              | 621                       | 986     | 1,150 | 607    | 543                | 1              | 531          |                    |
| Corpus Christi    | 3,964              | 3,179                              | 167                       | 609     | 849   | 389    | 460                | 1              | 449          |                    |
| Balance of county | 1,323              | 440                                | 454                       | 377     | 301   | 219    | 83                 | -              | 82           |                    |
| Ochiltree         | 268                | 260                                | 8                         | -       | 60    | 38     | 22                 | -              | 38           |                    |
| Oldham            | -                  | -                                  | -                         | -       | 7     | 7      | -                  | -              | -            |                    |
| Orange            | 1,274              | 1,157                              | 19                        | 96      | 180   | 90     | 100                | -              | 99           |                    |
| Palo Pinto        | 440                | 426                                | 14                        | -       | 186   | 120    | 76                 | 1              | 74           |                    |
| Panola            | 153                | 2                                  | 65                        | 78      | 120   | 120    | -                  | -              | -            |                    |
| Parker            | 339                | 322                                | 16                        | -       | 165   | 116    | 49                 | -              | 49           |                    |
| Parmer            | 52                 | 50                                 | 1                         | -       | 20    | 15     | 5                  | -              | 3            |                    |
| Pecos             | 255                | 98                                 | 118                       | 35      | 56    | 43     | 9                  | -              | 9            |                    |
| Polk              | 398                | 276                                | 61                        | 52      | 158   | 135    | 23                 | -              | 21           |                    |
| Potter            | 2,361              | 2,316                              | 41                        | 1       | 640   | 202    | 438                | 1              | 434          |                    |
| Amarillo (part)   | 2,361              | 2,316                              | 41                        | 1       | 584   | 199    | 395                | -              | 393          |                    |
| Amarillo (total)  | 2,361              | 2,316                              | 41                        | 1       | 586   | 201    | 395                | -              | 393          |                    |
| Balance of county | -                  | -                                  | -                         | -       | 46    | 3      | 43                 | 1              | 41           |                    |
| Presidio          | 232                | 3                                  | 146                       | 80      | 37    | 37     | -                  | -              | -            |                    |
| Bains             | 31                 | -                                  | 25                        | 5       | 10    | 10     | -                  | -              | -            |                    |
| Randall           | 166                | 168                                | -                         | -       | 44    | 30     | 14                 | -              | 14           |                    |
| Amarillo (part)   | -                  | -                                  | -                         | -       | 2     | 2      | -                  | -              | -            |                    |
| Balance of county | 166                | 168                                | -                         | -       | 42    | 28     | 14                 | -              | 14           |                    |
| Reagan            | 43                 | 34                                 | 9                         | 6       | 5     | 1      | -                  | -              | 1            |                    |
| Reel              | 10                 | -                                  | 3                         | 5       | 18    | 18     | -                  | -              | -            |                    |
| Red River         | 452                | 267                                | 73                        | 107     | 200   | 174    | 26                 | -              | 24           |                    |
| Reeves            | 383                | 211                                | 151                       | 10      | 99    | 95     | 4                  | -              | 4            |                    |
| Refugio           | 276                | 201                                | 47                        | 25      | 74    | 48     | 26                 | -              | 26           |                    |
| Roberts           | -                  | -                                  | -                         | -       | 6     | 6      | -                  | -              | -            |                    |
| Robertson         | 436                | 115                                | 98                        | 217     | 216   | 205    | 11                 | 1              | 9            |                    |
| Rockwall          | 69                 | 7                                  | 51                        | 10      | 39    | 39     | -                  | -              | -            |                    |
| Runnels           | 341                | 250                                | 88                        | 1       | 150   | 109    | 40                 | -              | 29           |                    |
| Rusk              | 898                | 539                                | 230                       | 127     | 286   | 213    | 73                 | -              | 73           |                    |
| Sabine            | 132                | 29                                 | 82                        | 16      | 63    | 60     | 3                  | -              | 1            |                    |

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# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                   | LIVE BIRTHS        |                                    |                           |          | DEATHS       |                    |                    |                     |              |
|------------------------|--------------------|------------------------------------|---------------------------|----------|--------------|--------------------|--------------------|---------------------|--------------|
|                        | Total <sup>1</sup> | Attended by—                       |                           |          | Total        | Not in institution | In institution     |                     |              |
|                        |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |              |                    | Total <sup>3</sup> | Type of institution |              |
|                        |                    |                                    |                           |          |              |                    | Resi- dent         | Non- resi- dent     |              |
| <b>TEXAS—Continued</b> |                    |                                    |                           |          |              |                    |                    |                     |              |
| San Augustine          | 176                | 44                                 | 61                        | 70       | 78           | 78                 | -                  | -                   | -            |
| San Jacinto            | 80                 | -                                  | 26                        | 47       | 48           | 47                 | 1                  | -                   | -            |
| San Patricio           | 1,185              | 457                                | 551                       | 130      | 356          | 259                | 97                 | -                   | 92           |
| San Saba               | 244                | 171                                | 85                        | 6        | 66           | 53                 | 13                 | -                   | 13           |
| Schleicher             | 44                 | -                                  | 30                        | 8        | 13           | 13                 | -                  | -                   | -            |
| Scurry                 | 203                | 170                                | 31                        | -        | 57           | 45                 | 12                 | -                   | 9            |
| Shackelford            | 19                 | -                                  | 19                        | -        | 29           | 29                 | -                  | -                   | -            |
| Shelby                 | 542                | 377                                | 110                       | 51       | 175          | 161                | 14                 | -                   | 10           |
| Sherman                | 14                 | 11                                 | 3                         | -        | 3            | 3                  | -                  | -                   | -            |
| Smith                  | 1,787              | 1,264                              | 127                       | 392      | 538          | 386                | 152                | -                   | 142          |
| Tyler                  | 1,430              | 1,222                              | 35                        | 175      | 341          | 193                | 148                | -                   | 142          |
| Balance of county      | 357                | 42                                 | 92                        | 219      | 197          | 193                | 4                  | -                   | -            |
| Somervell              | 27                 | 24                                 | 2                         | 1        | 25           | 21                 | 4                  | -                   | 3            |
| Starr                  | 529                | 3                                  | 382                       | 105      | 115          | 115                | -                  | -                   | -            |
| Stephens               | 198                | 194                                | 3                         | 1        | 85           | 59                 | 26                 | -                   | 26           |
| Sterling               | 15                 | -                                  | 8                         | 7        | 15           | 15                 | -                  | -                   | -            |
| Stonewall              | 24                 | 23                                 | -                         | 1        | 15           | 15                 | -                  | -                   | -            |
| Sutton                 | 103                | 2                                  | 88                        | 4        | 18           | 18                 | -                  | -                   | -            |
| Swisher                | 147                | 146                                | -                         | 1        | 37           | 19                 | 18                 | -                   | 18           |
| Tarrant                | 8,606              | 8,378                              | 193                       | 30       | 2,790        | 1,316              | 1,474              | 61                  | 1,408        |
| Fort Worth             | 8,269              | 8,110                              | 130                       | 25       | 2,498        | 1,102              | 1,396              | 17                  | 1,374        |
| Balance of county      | 337                | 268                                | 63                        | 5        | 292          | 214                | 78                 | 44                  | 34           |
| Taylor                 | 1,596              | 1,544                              | 40                        | 8        | 539          | 254                | 285                | 49                  | 233          |
| Abilene                | 1,464              | 1,422                              | 34                        | 7        | 406          | 182                | 224                | 1                   | 220          |
| Balance of county      | 132                | 122                                | 6                         | 1        | 133          | 72                 | 61                 | 48                  | 13           |
| Terrell                | 56                 | 1                                  | 54                        | 1        | 1            | 1                  | -                  | -                   | -            |
| Terry                  | 424                | 310                                | 103                       | 11       | 95           | 64                 | 29                 | -                   | 27           |
| Trockenort             | 8                  | -                                  | 8                         | -        | 18           | 18                 | -                  | -                   | -            |
| Titus                  | 354                | 258                                | 74                        | 20       | 120          | 97                 | 23                 | -                   | 22           |
| Tom Green              | 1,872              | 1,668                              | 29                        | 167      | 538          | 195                | 343                | 1                   | 341          |
| San Angelo             | 1,451              | 1,263                              | 24                        | 157      | 434          | 162                | 272                | 1                   | 250          |
| Balance of county      | 421                | 405                                | 5                         | 10       | 124          | 33                 | 91                 | -                   | 91           |
| Travis                 | 3,923              | 3,643                              | 138                       | 128      | 1,459        | 535                | 924                | 367                 | 555          |
| Austin                 | 3,845              | 3,643                              | 109                       | 82       | 1,362        | 461                | 901                | 366                 | 513          |
| Balance of county      | 78                 | -                                  | 29                        | 46       | 97           | 74                 | 23                 | 1                   | 22           |
| Trinity                | 123                | 1                                  | 75                        | 43       | 61           | 61                 | -                  | -                   | -            |
| Tyler                  | 209                | 67                                 | 116                       | 23       | 64           | 63                 | 1                  | -                   | 20           |
| Upshur                 | 573                | 474                                | 12                        | 85       | 146          | 124                | 22                 | -                   | 5            |
| Upton                  | 91                 | 85                                 | 6                         | -        | 29           | 24                 | 5                  | -                   | 5            |
| Uvalde                 | 492                | 244                                | 216                       | 24       | 140          | 97                 | 43                 | 2                   | 38           |
| Val Verde              | 567                | 255                                | 263                       | 48       | 180          | 119                | 61                 | -                   | 43           |
| Del Rio                | 562                | 255                                | 258                       | 48       | 171          | 110                | 61                 | -                   | 43           |
| Balance of county      | 5                  | -                                  | 5                         | -        | 9            | 9                  | -                  | -                   | -            |
| Van Zandt              | 392                | 226                                | 147                       | 16       | 197          | 172                | 25                 | -                   | 25           |
| Victoria               | 939                | 604                                | 165                       | 158      | 270          | 166                | 104                | -                   | 103          |
| Victoria               | 853                | 604                                | 125                       | 119      | 211          | 107                | 104                | -                   | 103          |
| Balance of county      | 86                 | -                                  | 40                        | 39       | 59           | 59                 | -                  | -                   | -            |
| Walker                 | 415                | 353                                | 1                         | 57       | 167          | 105                | 62                 | 38                  | 23           |
| Waller                 | 147                | 60                                 | 8                         | 78       | 70           | 63                 | 7                  | -                   | 7            |
| Ward                   | 518                | 457                                | 47                        | 8        | 96           | 44                 | 52                 | -                   | 52           |
| Washington             | 580                | 390                                | 81                        | 106      | 246          | 190                | 56                 | -                   | 56           |
| Webb                   | 2,027              | 954                                | 378                       | 628      | 490          | 345                | 145                | -                   | 145          |
| Laredo                 | 1,993              | 954                                | 365                       | 611      | 464          | 320                | 144                | -                   | 144          |
| Balance of county      | 34                 | -                                  | 13                        | 17       | 26           | 25                 | 1                  | -                   | 1            |
| Wharton                | 1,279              | 1,093                              | 118                       | 50       | 368          | 178                | 190                | -                   | 189          |
| Wheeler                | 271                | 264                                | 6                         | 1        | 85           | 46                 | 39                 | 180                 | 38           |
| Wichita                | 2,112              | 2,047                              | 60                        | 5        | 829          | 237                | 532                | -                   | 346          |
| Wichita Falls          | 2,007              | 1,949                              | 53                        | 5        | 542          | 212                | 330                | -                   | 324          |
| Balance of county      | 105                | 98                                 | 7                         | 2        | 287          | 85                 | 202                | 180                 | 22           |
| Wilbarger              | 524                | 518                                | 2                         | 3        | 121          | 64                 | 57                 | -                   | 57           |
| Willacy                | 863                | 220                                | 92                        | 503      | 277          | 254                | 23                 | -                   | 20           |
| Williamson             | 946                | 752                                | 151                       | 40       | 372          | 233                | 139                | 3                   | 133          |
| Wilson                 | 402                | 233                                | 131                       | 30       | 135          | 115                | 20                 | 1                   | 18           |
| Winkler                | 257                | 255                                | 2                         | -        | 39           | 15                 | 23                 | -                   | 7            |
| Wise                   | 297                | 282                                | 15                        | -        | 142          | 114                | 28                 | -                   | 28           |
| Wood                   | 378                | 226                                | 139                       | 13       | 166          | 154                | 12                 | -                   | 12           |
| Yoakum                 | 5                  | -                                  | 5                         | -        | 2            | 2                  | -                  | -                   | -            |
| Young                  | 512                | 498                                | 14                        | -        | 135          | 65                 | 70                 | -                   | 70           |
| Zapata                 | 105                | -                                  | 70                        | 34       | 22           | 22                 | -                  | -                   | -            |
| Zavala                 | 402                | 136                                | 100                       | 161      | 104          | 89                 | 15                 | -                   | 15           |
| <b>UTAH</b>            | <b>20,969</b>      | <b>20,574</b>                      | <b>370</b>                | <b>4</b> | <b>5,193</b> | <b>2,641</b>       | <b>2,552</b>       | <b>149</b>          | <b>2,324</b> |
| Beaver                 | 86                 | 57                                 | 28                        | 1        | 29           | 27                 | 2                  | -                   | 2            |
| Box Elder              | 613                | 612                                | -                         | -        | 127          | 79                 | 49                 | -                   | 49           |
| Cache                  | 1,169              | 1,160                              | 9                         | -        | 243          | 156                | 87                 | -                   | 76           |
| Logan                  | 1,127              | 1,126                              | 1                         | -        | 152          | 66                 | 86                 | -                   | 76           |
| Balance of county      | 42                 | 34                                 | 8                         | -        | 91           | 90                 | 1                  | -                   | -            |
| Carbon                 | 878                | 870                                | 7                         | -        | 174          | 72                 | 102                | 2                   | 99           |
| Daggett                | -                  | -                                  | -                         | -        | -            | -                  | -                  | -                   | -            |
| Davis                  | 196                | 180                                | 15                        | -        | 90           | 79                 | 11                 | -                   | 11           |
| Duchesne               | 301                | 292                                | 8                         | -        | 44           | 23                 | 21                 | -                   | 21           |
| Emery                  | 7                  | 2                                  | 5                         | -        | 30           | 30                 | -                  | -                   | -            |
| Garfield               | 145                | 141                                | 3                         | -        | 32           | 19                 | 13                 | -                   | 13           |
| Grand                  | 50                 | 49                                 | 1                         | -        | 14           | 7                  | 7                  | -                   | 7            |
| Iron                   | 439                | 437                                | 1                         | -        | 87           | 50                 | 37                 | -                   | 37           |
| Juab                   | 15                 | 9                                  | 6                         | -        | 40           | 40                 | -                  | -                   | -            |
| Kane                   | 62                 | 62                                 | -                         | -        | 19           | 11                 | 8                  | -                   | 4            |
| Millard                | 227                | 187                                | 40                        | -        | 52           | 45                 | 7                  | -                   | 5            |
| Morgan                 | -                  | -                                  | -                         | -        | 10           | 9                  | 1                  | -                   | -            |

See footnotes on p. 111.

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                    | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|-------------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                         | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                         |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                         |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| UTAH—Continued          |                    |                                    |                           |         |        |                    |                    |                     |       |
| Piute                   | 9                  | -                                  | 9                         | -       | 11     | 11                 | -                  | -                   | -     |
| Rich                    | -                  | -                                  | -                         | -       | 6      | 6                  | -                  | -                   | -     |
| Salt Lake               | 8,586              | 8,485                              | 96                        | -       | 2,328  | 1,004              | 1,324              | 4                   | 1,272 |
| Salt Lake City          | 7,669              | 7,626                              | 41                        | -       | 1,995  | 705                | 1,292              | 4                   | 1,252 |
| Balance of county       | 917                | 859                                | 55                        | -       | 333    | 301                | 32                 | -                   | 20    |
| San Juan                | 107                | 105                                | 2                         | -       | 15     | 9                  | 6                  | -                   | 3     |
| Sanpete                 | 326                | 264                                | 62                        | -       | 111    | 108                | 3                  | -                   | 2     |
| Sevier                  | 550                | 548                                | 2                         | -       | 97     | 61                 | 36                 | -                   | 36    |
| Summit                  | 257                | 252                                | 5                         | -       | 66     | 37                 | 29                 | -                   | 29    |
| Tocole                  | 390                | 386                                | 4                         | -       | 110    | 85                 | 25                 | -                   | 25    |
| Uintah                  | 325                | 322                                | 2                         | -       | 84     | 51                 | 33                 | -                   | 33    |
| Utah                    | 2,683              | 2,640                              | 41                        | -       | 589    | 282                | 307                | 110                 | 193   |
| Provo                   | 1,337              | 1,324                              | 12                        | -       | 258    | 84                 | 174                | 80                  | 93    |
| Balance of county       | 1,346              | 1,316                              | 29                        | -       | 331    | 198                | 133                | 30                  | 100   |
| Wasatch                 | 182                | 178                                | 4                         | -       | 44     | 43                 | 1                  | -                   | 1     |
| Washington              | 277                | 264                                | 10                        | -       | 66     | 42                 | 24                 | 2                   | 21    |
| Wayne                   | 9                  | -                                  | 5                         | 3       | 9      | 9                  | -                  | -                   | -     |
| Weber                   | 3,080              | 3,072                              | 6                         | -       | 666    | 247                | 419                | 31                  | 387   |
| Ogden                   | 3,078              | 3,071                              | 5                         | -       | 573    | 185                | 388                | -                   | 387   |
| Balance of county       | 2                  | 1                                  | 1                         | -       | 93     | 62                 | 31                 | 31                  | -     |
| VERMONT                 | 9,006              | 8,217                              | 787                       | -       | 4,045  | 2,178              | 1,867              | 225                 | 1,581 |
| Addison                 | 375                | 318                                | 59                        | -       | 140    | 105                | 35                 | -                   | 33    |
| Bemington               | 538                | 483                                | 55                        | -       | 209    | 132                | 157                | 4                   | 143   |
| Caledonia               | 639                | 584                                | 75                        | -       | 299    | 186                | 113                | 2                   | 109   |
| Chittenden              | 2,026              | 1,998                              | 27                        | -       | 618    | 256                | 362                | 8                   | 351   |
| Burlington              | 1,647              | 1,640                              | 7                         | -       | 429    | 132                | 297                | 8                   | 286   |
| Balance of county       | 379                | 358                                | 20                        | -       | 189    | 124                | 65                 | -                   | 65    |
| Essex                   | 60                 | 29                                 | 31                        | -       | 36     | 36                 | -                  | -                   | -     |
| Franklin                | 740                | 561                                | 179                       | -       | 285    | 207                | 78                 | 6                   | 68    |
| Grand Isle              | 23                 | 1                                  | 22                        | -       | 32     | 31                 | 1                  | -                   | -     |
| Lamoille                | 275                | 249                                | 26                        | -       | 82     | 50                 | 32                 | -                   | 32    |
| Orange                  | 258                | 230                                | 27                        | -       | 163    | 97                 | 66                 | 1                   | 64    |
| Orleans                 | 661                | 560                                | 101                       | -       | 216    | 131                | 85                 | 5                   | 61    |
| Rutland                 | 982                | 918                                | 64                        | -       | 566    | 309                | 257                | 13                  | 237   |
| Rutland                 | 794                | 787                                | 7                         | -       | 291    | 99                 | 192                | 4                   | 187   |
| Balance of county       | 188                | 131                                | 57                        | -       | 275    | 210                | 65                 | 9                   | 50    |
| Washington              | 1,096              | 1,067                              | 29                        | -       | 511    | 196                | 315                | 107                 | 208   |
| Barre                   | 580                | 576                                | 4                         | -       | 141    | 42                 | 99                 | -                   | 99    |
| Balance of county       | 516                | 491                                | 25                        | -       | 370    | 154                | 216                | 107                 | 109   |
| Windham                 | 719                | 684                                | 35                        | -       | 412    | 212                | 200                | 73                  | 120   |
| Windsor                 | 614                | 557                                | 57                        | -       | 396    | 230                | 166                | 6                   | 155   |
| VIRGINIA <sup>2,3</sup> | 79,260             | 53,732                             | 14,768                    | 10,486  | 28,907 | 17,593             | 11,314             | 1,466               | 9,537 |
| Accomack                | 450                | 100                                | 110                       | 240     | 330    | 327                | 3                  | -                   | 3     |
| Albemarle               | 1,649              | 1,591                              | 33                        | 23      | 552    | 152                | 400                | -                   | 398   |
| Alleghany               | 456                | 255                                | 190                       | 7       | 158    | 113                | 45                 | -                   | 11    |
| Amelia                  | 169                | -                                  | 67                        | 101     | 69     | -                  | -                  | -                   | -     |
| Amherst                 | 168                | 1                                  | 117                       | 47      | 196    | 115                | 81                 | 81                  | -     |
| Appomattox              | 100                | -                                  | 67                        | 29      | 70     | 69                 | 1                  | -                   | -     |
| Arlington <sup>4</sup>  | 1,557              | 1,537                              | 16                        | -       | 474    | 304                | 170                | -                   | 170   |
| Augusta                 | 566                | 381                                | 170                       | 12      | 342    | 263                | 79                 | 38                  | 41    |
| Bath                    | 128                | 99                                 | 15                        | 10      | 60     | 48                 | 12                 | -                   | 12    |
| Bedford                 | 486                | 269                                | 158                       | 57      | 297    | 208                | 89                 | 41                  | 48    |
| Bland                   | 86                 | -                                  | 80                        | 2       | 24     | 24                 | -                  | -                   | -     |
| Botetourt               | 157                | -                                  | 141                       | 15      | 116    | 111                | 5                  | -                   | -     |
| Brunswick               | 391                | 2                                  | 138                       | 247     | 142    | 142                | -                  | -                   | -     |
| Buchanan                | 1,149              | 231                                | 674                       | 235     | 218    | 164                | 54                 | -                   | 54    |
| Buckingham              | 189                | -                                  | 48                        | 137     | 105    | 105                | -                  | -                   | -     |
| Campbell                | 349                | 132                                | 154                       | 62      | 165    | 151                | 14                 | -                   | 13    |
| Caroline                | 238                | 1                                  | 179                       | 56      | 98     | 98                 | -                  | -                   | -     |
| Carroll                 | 410                | 1                                  | 385                       | 19      | 122    | 122                | -                  | -                   | -     |
| Charles City            | 119                | -                                  | 19                        | 99      | 33     | 33                 | -                  | -                   | -     |
| Charlotte               | 221                | 1                                  | 79                        | 140     | 125    | 124                | 1                  | -                   | -     |
| Chesterfield            | 175                | 2                                  | 26                        | 147     | 401    | 167                | 234                | -                   | 211   |
| Clarke                  | 38                 | -                                  | 37                        | 1       | 62     | 62                 | -                  | -                   | -     |
| Craig                   | 29                 | -                                  | 27                        | 2       | 26     | 26                 | -                  | -                   | -     |
| Calpeper                | 161                | 1                                  | 145                       | 14      | 99     | 99                 | -                  | -                   | -     |
| Cumberland              | 129                | -                                  | 28                        | 101     | 58     | 56                 | 2                  | -                   | -     |
| Dickenson               | 781                | 340                                | 349                       | 85      | 131    | 98                 | 33                 | -                   | 23    |
| Dinwiddie               | 270                | 4                                  | 82                        | 182     | 429    | 95                 | 334                | 333                 | -     |
| Elizabeth City          | 601                | 499                                | 26                        | 76      | 379    | 154                | 225                | -                   | 225   |
| Essex                   | 96                 | -                                  | 64                        | 32      | 68     | 68                 | -                  | -                   | -     |
| Fairfax                 | 513                | 361                                | 108                       | 43      | 308    | 260                | 48                 | 9                   | 32    |
| Fauquier                | 567                | 387                                | 110                       | 70      | 208    | 174                | 34                 | -                   | 31    |
| Floyd                   | 120                | -                                  | 87                        | 29      | 65     | 65                 | -                  | -                   | -     |
| Fluvanna                | 93                 | 1                                  | 51                        | 40      | 58     | 50                 | 8                  | 4                   | -     |
| Franklin                | 491                | 157                                | 252                       | 75      | 173    | 162                | 11                 | -                   | 11    |
| Frederick               | 27                 | -                                  | 16                        | 10      | 93     | 88                 | 5                  | -                   | 3     |
| Giles                   | 494                | 297                                | 182                       | 14      | 136    | 100                | 36                 | -                   | 36    |
| Gloucester              | 94                 | 1                                  | 78                        | 15      | 93     | 93                 | -                  | -                   | -     |
| Goochland               | 141                | 7                                  | 43                        | 91      | 87     | 74                 | 13                 | 13                  | -     |
| Grayson                 | 453                | 163                                | 240                       | 14      | 168    | 138                | 30                 | -                   | 30    |
| Greene                  | 27                 | -                                  | 24                        | 1       | 28     | 28                 | -                  | -                   | -     |
| Greensville             | 391                | 28                                 | 197                       | 165     | 111    | 111                | -                  | -                   | -     |
| Halifax                 | 1,077              | 487                                | 308                       | 282     | 342    | 275                | 67                 | -                   | 57    |
| Hanover                 | 233                | -                                  | 130                       | 102     | 174    | 174                | -                  | -                   | -     |
| Henrico                 | 110                | 31                                 | 24                        | 55      | 198    | 180                | 18                 | -                   | 14    |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                                    | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                       |               |
|---|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|-----------------------|---------------|
|   | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                       |               |
|   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution   |               |
|   |                    |                                    |                           |           |               |                    | Resi-<br>dent      | Non-<br>resi-<br>dent |               |
| <b>VIRGINIA<sup>1,3</sup>—Continued</b> |                    |                                    |                           |           |               |                    |                    |                       |               |
| Henry                                   | 453                | 1                                  | 308                       | 139       | 127           | 127                | -                  | -                     | -             |
| Highland                                | 62                 | -                                  | 61                        | 1         | 30            | 29                 | 1                  | 1                     | -             |
| Isle of Wight                           | 266                | -                                  | 37                        | 228       | 120           | 120                | -                  | -                     | -             |
| James City                              | 88                 | -                                  | 26                        | 62        | 38            | 38                 | -                  | -                     | -             |
| King and Queen                          | 93                 | 1                                  | 56                        | 36        | 46            | 46                 | -                  | -                     | -             |
| King George                             | 65                 | 3                                  | 36                        | 23        | 50            | 29                 | 1                  | -                     | 1             |
| King William                            | 99                 | -                                  | 65                        | 34        | 79            | 79                 | -                  | -                     | -             |
| Lancaster                               | 151                | -                                  | 139                       | 11        | 77            | 77                 | -                  | -                     | -             |
| Lee                                     | 920                | 176                                | 635                       | 67        | 294           | 229                | 55                 | -                     | 55            |
| Loudoun                                 | 498                | 394                                | 90                        | 14        | 202           | 169                | 33                 | 1                     | 27            |
| Louisa                                  | 242                | 144                                | 38                        | 60        | 104           | 98                 | 6                  | -                     | 6             |
| Lunenburg                               | 248                | 1                                  | 152                       | 114       | 113           | 111                | 2                  | -                     | -             |
| Madison                                 | 51                 | 1                                  | 47                        | 3         | 65            | 65                 | -                  | -                     | -             |
| Mathews                                 | 49                 | -                                  | 49                        | -         | 59            | 59                 | -                  | -                     | -             |
| Necklesburg                             | 658                | 32                                 | 213                       | 413       | 248           | 248                | -                  | -                     | -             |
| Middlesex                               | 63                 | -                                  | 15                        | 48        | 84            | 82                 | 2                  | -                     | 2             |
| Montgomery                              | 556                | 470                                | 64                        | 19        | 203           | 142                | 61                 | -                     | 61            |
| Montross                                | 447                | 1                                  | 106                       | 340       | 225           | 225                | -                  | -                     | -             |
| Nelson                                  | 130                | -                                  | 26                        | 96        | 91            | 91                 | -                  | -                     | -             |
| New Kent                                | 53                 | -                                  | 14                        | 39        | 31            | 30                 | 1                  | -                     | -             |
| Norfolk                                 | 2,193              | 1,693                              | 108                       | 392       | 435           | 313                | 122                | 6                     | 105           |
| Northampton                             | 682                | 441                                | 14                        | 227       | 285           | 169                | 117                | -                     | 117           |
| Northumberland                          | 155                | -                                  | 109                       | 46        | 106           | 106                | -                  | -                     | -             |
| Nottoway                                | 209                | 1                                  | 77                        | 131       | 199           | 125                | 74                 | 3                     | 68            |
| Orange                                  | 151                | 82                                 | 60                        | 9         | 96            | 82                 | 14                 | -                     | 11            |
| Page                                    | 316                | 183                                | 119                       | 12        | 124           | 97                 | 27                 | 1                     | 26            |
| Patrick                                 | 446                | 158                                | 242                       | 34        | 95            | 88                 | 7                  | -                     | 7             |
| Pittsylvania                            | 859                | 19                                 | 391                       | 443       | 358           | 324                | 34                 | 24                    | 7             |
| Powhatan                                | 75                 | -                                  | 16                        | 59        | 45            | 45                 | 2                  | 2                     | -             |
| Prince Edward                           | 705                | 524                                | 55                        | 126       | 189           | 111                | 78                 | -                     | 77            |
| Prince George                           | 439                | 301                                | 19                        | 117       | 77            | 65                 | 14                 | 2                     | 22            |
| Prince William                          | 487                | 332                                | 77                        | 76        | 122           | 94                 | 28                 | 6                     | 12            |
| Princess Anne                           | 391                | 75                                 | 83                        | 232       | 358           | 161                | 197                | -                     | 179           |
| Pulaski                                 | 702                | 567                                | 47                        | 77        | 208           | 125                | 83                 | 9                     | 74            |
| Rappahannock                            | 65                 | -                                  | 65                        | -         | 45            | 45                 | -                  | -                     | -             |
| Richmond                                | 101                | -                                  | 93                        | 7         | 55            | 55                 | -                  | -                     | -             |
| Roanoke                                 | 123                | 34                                 | 69                        | 17        | 376           | 205                | 171                | 110                   | 61            |
| Rockbridge                              | 607                | 463                                | 108                       | 29        | 215           | 171                | 44                 | 1                     | 43            |
| Rockingham                              | 164                | -                                  | 162                       | 2         | 212           | 196                | 16                 | -                     | 5             |
| Russell                                 | 716                | 243                                | 433                       | 35        | 197           | 143                | 54                 | -                     | 53            |
| Scott                                   | 223                | -                                  | 69                        | 139       | 140           | 140                | -                  | -                     | -             |
| Shenandoah                              | 435                | 353                                | 75                        | 5         | 223           | 166                | 57                 | 1                     | 54            |
| Smyth                                   | 911                | 482                                | 395                       | 33        | 326           | 166                | 160                | 73                    | 84            |
| Southampton                             | 757                | 266                                | 91                        | 397       | 230           | 175                | 55                 | -                     | 55            |
| Spotylvania                             | 73                 | -                                  | 37                        | 35        | 64            | 64                 | -                  | -                     | -             |
| Stafford                                | 56                 | -                                  | 20                        | 33        | 83            | 82                 | 1                  | -                     | -             |
| Stafford                                | 118                | -                                  | 9                         | 107       | 48            | 48                 | -                  | -                     | -             |
| Sussex                                  | 248                | -                                  | 37                        | 206       | 92            | 92                 | -                  | -                     | -             |
| Tazewell                                | 1,563              | 718                                | 825                       | 14        | 429           | 245                | 184                | -                     | 184           |
| Warren                                  | 433                | 385                                | 43                        | 7         | 106           | 76                 | 30                 | -                     | 30            |
| Warwick                                 | 148                | 1                                  | 36                        | 111       | 108           | 104                | 4                  | -                     | 4             |
| Washington                              | 770                | 241                                | 443                       | 79        | 290           | 207                | 83                 | -                     | 83            |
| Westmoreland                            | 174                | -                                  | 70                        | 103       | 89            | 89                 | -                  | -                     | -             |
| Wise                                    | 1,800              | 713                                | 1,020                     | 61        | 444           | 293                | 151                | 5                     | 146           |
| Wythe                                   | 598                | 326                                | 265                       | 4         | 210           | 164                | 46                 | -                     | 41            |
| York                                    | 70                 | 1                                  | 15                        | 54        | 46            | 46                 | -                  | -                     | -             |
| <b>Independent Cities<sup>1,5</sup></b> |                    |                                    |                           |           |               |                    |                    |                       |               |
| Alexandria                              | 1,933              | 1,891                              | 4                         | 37        | 431           | 184                | 247                | 1                     | 246           |
| Bristol <sup>1,6</sup>                  | 1,198              | 1,127                              | 58                        | 3         | 238           | 87                 | 151                | -                     | 149           |
| Buena Vista                             | 49                 | 1                                  | 41                        | 7         | 24            | 24                 | -                  | -                     | -             |
| Charlottesville                         | 455                | 439                                | 14                        | 2         | 183           | 127                | 56                 | -                     | 53            |
| Clifton Forge                           | 409                | 396                                | 12                        | 2         | 165           | 44                 | 121                | -                     | 120           |
| Danville                                | 1,819              | 1,626                              | 18                        | 175       | 539           | 217                | 322                | -                     | 321           |
| Fredericksburg                          | 792                | 763                                | 10                        | 19        | 171           | 52                 | 119                | -                     | 119           |
| Hampton                                 | 779                | 763                                | 6                         | 10        | 164           | 47                 | 137                | -                     | 135           |
| Harrisonburg                            | 1,169              | 1,166                              | 3                         | -         | 231           | 42                 | 189                | -                     | 189           |
| Hopewell                                | 279                | 255                                | 18                        | 6         | 74            | 43                 | 31                 | -                     | 30            |
| Lynchburg                               | 2,284              | 2,217                              | 59                        | 5         | 633           | 275                | 358                | 6                     | 346           |
| Martinsville                            | 651                | 719                                | 86                        | 21        | 176           | 76                 | 100                | -                     | 100           |
| Newport News                            | 2,826              | 2,715                              | 23                        | 86        | 542           | 193                | 349                | -                     | 343           |
| Norfolk                                 | 6,030              | 4,979                              | 459                       | 597       | 2,012         | 921                | 1,091              | 4                     | 1,071         |
| Petersburg                              | 1,126              | 763                                | 38                        | 325       | 470           | 267                | 203                | 13                    | 185           |
| Portsmouth                              | 2,383              | 1,631                              | 141                       | 610       | 690           | 322                | 368                | -                     | 367           |
| Radford                                 | 738                | 737                                | -                         | -         | 112           | 49                 | 63                 | -                     | 61            |
| Richmond                                | 8,566              | 8,323                              | 195                       | 46        | 3,119         | 1,331              | 1,788              | 196                   | 1,565         |
| Roanoke                                 | 3,473              | 3,411                              | 60                        | 1,001     | 436           | 565                | 15                 | 529                   | -             |
| South Norfolk                           | 58                 | 2                                  | 18                        | 38        | 47            | 47                 | -                  | -                     | -             |
| Staunton                                | 760                | 699                                | 35                        | 26        | 483           | 112                | 391                | 283                   | 98            |
| Suffolk                                 | 570                | 476                                | 35                        | 59        | 285           | 80                 | 185                | -                     | 185           |
| Williamsburg                            | 230                | 213                                | 4                         | 13        | 224           | 24                 | 200                | 185                   | 14            |
| Winchester                              | 1,211              | 1,209                              | 2                         | -         | 310           | 87                 | 223                | -                     | 208           |
| <b>WASHINGTON</b>                       | <b>57,004</b>      | <b>56,301</b>                      | <b>602</b>                | <b>14</b> | <b>22,294</b> | <b>8,864</b>       | <b>13,430</b>      | <b>1,333</b>          | <b>11,288</b> |
| Adams                                   | 116                | 110                                | 6                         | -         | 48            | 27                 | 21                 | -                     | 21            |
| Asotin                                  | 150                | 146                                | -                         | -         | 93            | 49                 | 44                 | 4                     | 7             |
| Benton                                  | 1,023              | 1,017                              | 6                         | -         | 180           | 86                 | 94                 | -                     | 78            |

See footnotes on p. 111.

891563 O—50—11

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                 | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|----------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                      | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                      |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                      |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| WASHINGTON—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Chelan               | 1,278              | 1,278                              | 34                        | -       | 364    | 143                | 221                | 1                   | 209   |
| Wenatchee            | 1,080              | 1,088                              | 2                         | -       | 195    | 38                 | 157                | 1                   | 156   |
| Balance of county    | 223                | 190                                | 32                        | -       | 189    | 105                | 84                 | -                   | 53    |
| Clallam              | 648                | 638                                | 6                         | 2       | 284    | 112                | 142                | 4                   | 106   |
| Clatsop              | 2,188              | 2,177                              | 10                        | -       | 717    | 247                | 470                | 11                  | 439   |
| Vancouver            | 1,931              | 1,927                              | 4                         | -       | 488    | 71                 | 417                | 6                   | 409   |
| Balance of county    | 257                | 250                                | 6                         | -       | 229    | 176                | 53                 | 5                   | 30    |
| Columbia             | 104                | 104                                | -                         | -       | 83     | 22                 | 41                 | 10                  | 30    |
| Cowlitz              | 1,639              | 1,635                              | 4                         | -       | 383    | 180                | 203                | -                   | 201   |
| Longview             | 1,603              | 1,607                              | 2                         | -       | 252    | 51                 | 201                | -                   | 201   |
| Balance of county    | 50                 | 28                                 | 2                         | -       | 141    | 139                | 2                  | -                   | -     |
| Douglas              | 5                  | 46                                 | 1                         | -       | 38     | 25                 | 13                 | -                   | 12    |
| Ferry                | 49                 | 46                                 | 1                         | -       | 36     | 22                 | 14                 | -                   | 14    |
| Franklin             | 725                | 724                                | 1                         | -       | 117    | 39                 | 79                 | -                   | 78    |
| Garfield             | 44                 | 39                                 | 4                         | -       | 31     | 12                 | 19                 | -                   | -     |
| Grant                | 284                | 282                                | 2                         | -       | 101    | 64                 | 37                 | -                   | 27    |
| Grays Harbor         | 1,344              | 1,340                              | 3                         | 1       | 652    | 270                | 382                | 58                  | 537   |
| Aberdeen             | 1,200              | 1,200                              | -                         | -       | 399    | 95                 | 304                | 7                   | 291   |
| Hoquiam              | 2                  | 1                                  | 1                         | -       | 77     | 49                 | 28                 | 28                  | -     |
| Balance of county    | 142                | 139                                | 2                         | 1       | 176    | 126                | 50                 | 3                   | 46    |
| Island               | 278                | 274                                | 4                         | -       | 76     | 57                 | 19                 | 8                   | 9     |
| Jefferson            | 258                | 254                                | 2                         | -       | 83     | 37                 | 46                 | 3                   | 42    |
| King                 | 17,472             | 17,325                             | 110                       | 1       | 6,997  | 2,856              | 4,141              | 139                 | 3,878 |
| Seattle              | 14,974             | 14,848                             | 49                        | -       | 5,586  | 1,996              | 3,590              | 93                  | 3,441 |
| Balance of county    | 2,548              | 2,477                              | 61                        | 1       | 1,411  | 860                | 551                | 46                  | 437   |
| Kitsap               | 1,969              | 1,958                              | 8                         | 1       | 558    | 221                | 337                | 32                  | 284   |
| Bremerton            | 1,931              | 1,930                              | 1                         | -       | 369    | 69                 | 300                | -                   | 280   |
| Balance of county    | 38                 | 28                                 | 7                         | 1       | 189    | 152                | 37                 | 32                  | 4     |
| Kittitas             | 562                | 554                                | 8                         | -       | 204    | 83                 | 121                | 5                   | 112   |
| Klickitat            | 224                | 222                                | 2                         | -       | 88     | 57                 | 31                 | -                   | 31    |
| Lewis                | 1,004              | 999                                | 5                         | -       | 509    | 233                | 276                | 38                  | 209   |
| Lincoln              | 90                 | 64                                 | 26                        | -       | 60     | 41                 | 19                 | -                   | 15    |
| Mason                | 333                | 329                                | 3                         | -       | 114    | 48                 | 66                 | -                   | 57    |
| Okanogan             | 890                | 861                                | 27                        | -       | 226    | 106                | 120                | -                   | 119   |
| Pacific              | 311                | 279                                | 32                        | -       | 184    | 80                 | 104                | -                   | 95    |
| Pend Oreille         | 196                | 191                                | 5                         | -       | 60     | 30                 | 30                 | -                   | 30    |
| Pierce               | 6,172              | 6,131                              | 34                        | -       | 2,851  | 877                | 1,954              | 418                 | 1,404 |
| Tacoma               | 4,706              | 4,689                              | 12                        | -       | 1,846  | 560                | 1,286              | 16                  | 1,200 |
| Balance of county    | 1,466              | 1,442                              | 22                        | -       | 985    | 317                | 668                | 402                 | 204   |
| San Juan             | 17                 | 4                                  | 13                        | -       | 19     | 19                 | -                  | -                   | -     |
| Skagit               | 964                | 957                                | 5                         | -       | 584    | 167                | 417                | 211                 | 193   |
| Snohomish            | 2                  | -                                  | -                         | -       | 45     | 27                 | 18                 | -                   | 17    |
| Snohomish            | 2,280              | 2,229                              | 45                        | -       | 1,089  | 556                | 533                | 23                  | 478   |
| Everett              | 1,767              | 1,763                              | 3                         | -       | 558    | 218                | 341                | 16                  | 307   |
| Balance of county    | 513                | 466                                | 42                        | -       | 530    | 338                | 192                | 7                   | 171   |
| Spokane              | 5,879              | 5,828                              | 47                        | -       | 2,518  | 845                | 1,673              | 272                 | 1,236 |
| Spokane              | 5,840              | 5,807                              | 29                        | -       | 1,967  | 641                | 1,326              | 39                  | 1,158 |
| Balance of county    | 39                 | 21                                 | 18                        | -       | 551    | 204                | 347                | 233                 | 80    |
| Stevens              | 413                | 409                                | 1                         | 2       | 209    | 76                 | 133                | -                   | 133   |
| Thurston             | 992                | 942                                | 45                        | 2       | 341    | 103                | 159                | 1                   | 182   |
| Olympia              | 960                | 942                                | 18                        | -       | 240    | 84                 | 156                | -                   | 152   |
| Balance of county    | 32                 | -                                  | 27                        | 2       | 101    | 99                 | 2                  | 1                   | -     |
| Wahkiakum            | 1                  | -                                  | -                         | -       | 24     | 25                 | 1                  | -                   | -     |
| Walla Walla          | 1,174              | 1,170                              | 1                         | 2       | 456    | 135                | 301                | 31                  | 253   |
| Walla Walla          | 1,173              | 1,170                              | -                         | 2       | 369    | 89                 | 291                | 15                  | 252   |
| Balance of county    | 1                  | -                                  | 1                         | -       | 67     | 47                 | 20                 | 16                  | 1     |
| Whatcom              | 1,597              | 1,591                              | 6                         | -       | 704    | 272                | 432                | 58                  | 342   |
| Bellingham           | 1,512              | 1,512                              | -                         | -       | 443    | 130                | 313                | 57                  | 225   |
| Balance of county    | 85                 | 79                                 | 6                         | -       | 261    | 142                | 119                | 1                   | 117   |
| Whitman              | 646                | 636                                | 10                        | -       | 236    | 112                | 124                | -                   | 122   |
| Yakima               | 3,670              | 3,577                              | 81                        | 3       | 1,012  | 416                | 596                | 26                  | 516   |
| Yakima               | 2,432              | 2,430                              | 1                         | 1       | 491    | 153                | 338                | 13                  | 316   |
| Balance of county    | 1,238              | 1,147                              | 80                        | 2       | 521    | 263                | 258                | 13                  | 200   |
| WEST VIRGINIA        | 52,934             | 32,850                             | 18,405                    | 1,029   | 17,751 | 10,994             | 6,757              | 637                 | 5,996 |
| Barbour              | 483                | 278                                | 168                       | 7       | 189    | 138                | 51                 | 3                   | 46    |
| Berkeley             | 800                | 776                                | 21                        | 3       | 466    | 172                | 296                | -                   | 295   |
| Martinsburg          | 778                | 775                                | 3                         | 1       | 262    | 79                 | 183                | -                   | 182   |
| Balance of county    | 21                 | 1                                  | 18                        | 2       | 206    | 93                 | 113                | -                   | 113   |
| Boone                | 880                | 521                                | 348                       | 6       | 167    | 157                | 10                 | -                   | 10    |
| Braxton              | 638                | 472                                | 123                       | 22      | 154    | 108                | 46                 | -                   | 43    |
| Brooke               | 31                 | 1                                  | 28                        | 2       | 121    | 114                | 7                  | 4                   | -     |
| Cabell               | 3,467              | 3,360                              | 101                       | 1       | 1,331  | 553                | 778                | 105                 | 666   |
| Huntington (part)    | 3,159              | 3,114                              | 22                        | -       | 1,200  | 439                | 761                | 97                  | 656   |
| Huntington (total)   | 3,141              | 3,115                              | 22                        | -       | 1,359  | 464                | 895                | 97                  | 790   |
| Balance of county    | 328                | 246                                | 79                        | 1       | 131    | 114                | 17                 | 6                   | 10    |
| Calhoun              | 213                | 26                                 | 167                       | 10      | 66     | 64                 | 2                  | -                   | -     |
| Clay                 | 304                | -                                  | 215                       | 58      | 84     | 84                 | -                  | -                   | -     |
| Dodridge             | 127                | 2                                  | 123                       | 2       | 57     | 57                 | -                  | -                   | -     |
| Fayette              | 2,314              | 690                                | 1,568                     | 42      | 623    | 472                | 151                | 10                  | 141   |
| Gilmer               | 135                | 2                                  | 127                       | 4       | 51     | 51                 | -                  | -                   | -     |
| Grant                | 300                | 216                                | 24                        | 55      | 51     | 50                 | 1                  | -                   | -     |
| Greenbrier           | 968                | 231                                | 703                       | 11      | 290    | 247                | 43                 | 5                   | 38    |
| Hampshire            | 171                | -                                  | 159                       | 9       | 92     | 92                 | -                  | -                   | -     |
| Hancock              | 212                | 115                                | 97                        | -       | 149    | 140                | 9                  | -                   | 8     |
| Hardy                | 113                | -                                  | 110                       | 3       | 71     | 71                 | -                  | -                   | -     |
| Harrison             | 2,217              | 1,747                              | 467                       | -       | 770    | 518                | 252                | 3                   | 248   |
| Clarksburg           | 1,805              | 1,747                              | 58                        | -       | 451    | 202                | 249                | -                   | 248   |
| Balance of county    | 412                | -                                  | 411                       | -       | 319    | 316                | 3                  | 3                   | -     |

See footnotes on p. 111.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                           | LIVE BIRTHS        |                                    |                           |           | DEATHS        |                    |                    |                     |               |
|--------------------------------|--------------------|------------------------------------|---------------------------|-----------|---------------|--------------------|--------------------|---------------------|---------------|
|                                | Total <sup>1</sup> | Attended by—                       |                           |           | Total         | Not in institution | In institution     |                     |               |
|                                |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife   |               |                    | Total <sup>3</sup> | Type of institution |               |
|                                |                    |                                    |                           |           |               |                    | Resi- dent         | Non- resi- dent     |               |
| <b>WEST VIRGINIA—Continued</b> |                    |                                    |                           |           |               |                    |                    |                     |               |
| Jackson                        | 282                | 104                                | 163                       | 9         | 126           | 115                | 11                 | -                   | 9             |
| Jefferson                      | 276                | 215                                | 47                        | 8         | 158           | 124                | 34                 | 1                   | 32            |
| Kanawha                        | 7,120              | 5,967                              | 1,065                     | 39        | 1,765         | 1,054              | 731                | 7                   | 708           |
| Charleston                     | 4,918              | 4,849                              | 63                        | 1         | 1,014         | 437                | 577                | -                   | 569           |
| South Charleston               | 938                | 930                                | 7                         | -         | 184           | 43                 | 141                | 3                   | 131           |
| Balance of county              | 1,264              | 188                                | 995                       | 38        | 587           | 574                | 13                 | 4                   | 8             |
| Lewis                          | 477                | 365                                | 105                       | 7         | 458           | 150                | 308                | 250                 | 58            |
| Lincoln                        | 464                | 157                                | 230                       | 37        | 140           | 138                | 2                  | -                   | 1             |
| Logan                          | 2,531              | 811                                | 1,658                     | 55        | 585           | 314                | 231                | 1                   | 221           |
| McDowell                       | 2,992              | 767                                | 2,106                     | 80        | 797           | 499                | 298                | 1                   | 295           |
| Marion                         | 1,757              | 1,319                              | 417                       | -         | 629           | 446                | 185                | 2                   | 170           |
| Fairmont                       | 1,366              | 1,315                              | 51                        | -         | 362           | 162                | 190                | -                   | 169           |
| Balance of county              | 371                | 4                                  | 366                       | -         | 267           | 264                | 3                  | 2                   | 1             |
| Marshall                       | 565                | 494                                | 71                        | -         | 340           | 222                | 118                | 24                  | 93            |
| Moundsville                    | 13                 | -                                  | 13                        | -         | 120           | 106                | 14                 | 14                  | -             |
| Balance of county              | 552                | 494                                | 58                        | -         | 220           | 116                | 104                | 10                  | 95            |
| Monongalia                     | 468                | 217                                | 253                       | 13        | 221           | 163                | 58                 | 50                  | 7             |
| Marcer                         | 2,544              | 1,701                              | 853                       | 3         | 717           | 369                | 328                | 3                   | 319           |
| Bluefield <sup>17</sup>        | 1,375              | 1,252                              | 121                       | -         | 396           | 139                | 257                | -                   | 256           |
| Balance of county              | 1,169              | 449                                | 712                       | 3         | 321           | 250                | 71                 | 3                   | 65            |
| Mineral                        | 579                | 461                                | 75                        | 34        | 239           | 174                | 65                 | -                   | 65            |
| Mingo                          | 1,805              | 730                                | 956                       | 114       | 408           | 247                | 161                | -                   | 161           |
| Monongalia                     | 1,564              | 1,389                              | 148                       | 2         | 508           | 327                | 181                | 8                   | 171           |
| Morgantown                     | 612                | 602                                | 10                        | -         | 219           | 130                | 89                 | -                   | 88            |
| Balance of county              | 952                | 787                                | 158                       | 2         | 289           | 197                | 92                 | 8                   | 85            |
| Monroe                         | 186                | -                                  | 178                       | -         | 136           | 81                 | 55                 | 55                  | -             |
| Morgan                         | 184                | 137                                | 33                        | 7         | 67            | 55                 | 12                 | -                   | 8             |
| Nicholas                       | 837                | 500                                | 318                       | 12        | 200           | 162                | 38                 | -                   | 36            |
| Ohio                           | 2,818              | 2,795                              | 23                        | -         | 1,065         | 381                | 684                | 19                  | 657           |
| Wheeling                       | 2,807              | 2,795                              | 12                        | -         | 964           | 324                | 660                | 3                   | 649           |
| Balance of county              | 11                 | -                                  | 11                        | -         | 81            | 57                 | 24                 | 16                  | 8             |
| Pendleton                      | 116                | -                                  | 108                       | 6         | 68            | 69                 | -                  | -                   | -             |
| Pleasants                      | 77                 | -                                  | 76                        | -         | 43            | 43                 | -                  | -                   | -             |
| Pocahontas                     | 275                | 171                                | 97                        | 3         | 167           | 60                 | 87                 | -                   | 87            |
| Preston                        | 476                | 79                                 | 293                       | 63        | 261           | 202                | 59                 | -                   | 59            |
| Putnam                         | 285                | 6                                  | 247                       | 13        | 124           | 123                | 1                  | -                   | -             |
| Raleigh                        | 2,771              | 1,097                              | 1,606                     | 51        | 799           | 455                | 344                | -                   | 343           |
| Beckley                        | 1,182              | 1,086                              | 93                        | 3         | 399           | 130                | 269                | -                   | 268           |
| Balance of county              | 1,589              | 11                                 | 1,513                     | 48        | 400           | 325                | 75                 | 48                  | 75            |
| Randolph                       | 923                | 668                                | 215                       | 15        | 266           | 155                | 111                | 8                   | 98            |
| Ritchie                        | 225                | 99                                 | 123                       | -         | 115           | 103                | 12                 | 2                   | 9             |
| Roane                          | 449                | 204                                | 205                       | 28        | 209           | 106                | 103                | 58                  | 45            |
| Summers                        | 508                | 195                                | 302                       | 1         | 153           | 99                 | 54                 | -                   | 53            |
| Taylor                         | 440                | 303                                | 119                       | 5         | 204           | 134                | 90                 | -                   | 90            |
| Tucker                         | 212                | 119                                | 59                        | 22        | 124           | 83                 | 41                 | -                   | 30            |
| Tyler                          | 161                | 85                                 | 74                        | -         | 104           | 79                 | 25                 | 1                   | 24            |
| Upshur                         | 637                | 483                                | 129                       | 12        | 194           | 124                | 70                 | -                   | 69            |
| Wayne                          | 613                | 253                                | 310                       | 35        | 327           | 184                | 143                | 1                   | 141           |
| Huntington (part)              | 2                  | 1                                  | -                         | -         | 159           | 25                 | 124                | -                   | 134           |
| Balance of county              | 611                | 252                                | 310                       | 35        | 168           | 189                | 9                  | 1                   | 7             |
| Webster                        | 249                | 2                                  | 194                       | 42        | 93            | 92                 | 1                  | -                   | -             |
| Wetzel                         | 570                | 361                                | 192                       | 8         | 197           | 141                | 56                 | 1                   | 55            |
| Wirt                           | 43                 | -                                  | 26                        | 14        | 47            | 46                 | 1                  | 1                   | -             |
| Wood                           | 2,203              | 2,085                              | 100                       | 13        | 801           | 386                | 415                | 16                  | 388           |
| Parkersburg                    | 2,103              | 2,083                              | 18                        | 2         | 608           | 204                | 404                | 13                  | 384           |
| Balance of county              | 100                | 2                                  | 82                        | 11        | 193           | 182                | 11                 | 3                   | 4             |
| Wyoming                        | 897                | 72                                 | 764                       | 42        | 142           | 142                | -                  | -                   | -             |
| <b>WISCONSIN</b>               | <b>80,925</b>      | <b>78,031</b>                      | <b>2,744</b>              | <b>42</b> | <b>32,703</b> | <b>15,267</b>      | <b>17,436</b>      | <b>1,770</b>        | <b>15,270</b> |
| Adams                          | 105                | 80                                 | 24                        | -         | 68            | 49                 | 19                 | -                   | 19            |
| Ashland                        | 662                | 654                                | 25                        | -         | 308           | 110                | 198                | 5                   | 193           |
| Ashland                        | 657                | 654                                | 3                         | -         | 247           | 49                 | 198                | 5                   | 193           |
| Balance of county              | 25                 | -                                  | 22                        | -         | 61            | 61                 | -                  | -                   | -             |
| Barron                         | 936                | 916                                | 19                        | -         | 402           | 162                | 220                | 8                   | 198           |
| Bayfield                       | 64                 | 55                                 | 6                         | 2         | 90            | 67                 | 23                 | -                   | 22            |
| Brown                          | 3,281              | 3,236                              | 41                        | -         | 899           | 327                | 572                | 58                  | 514           |
| Green Bay                      | 3,242              | 3,235                              | 6                         | -         | 716           | 188                | 528                | 19                  | 509           |
| Balance of county              | 39                 | 1                                  | 35                        | -         | 183           | 139                | 44                 | 39                  | 5             |
| Buffalo                        | 178                | 174                                | 4                         | -         | 137           | 97                 | 40                 | -                   | 39            |
| Burnett                        | 189                | 167                                | 21                        | -         | 92            | 45                 | 47                 | -                   | 45            |
| Calumet                        | 28                 | -                                  | 27                        | -         | 112           | 112                | -                  | -                   | -             |
| Chippewa                       | 1,371              | 1,307                              | 61                        | 1         | 412           | 145                | 267                | 32                  | 185           |
| Chippewa Falls                 | 922                | 921                                | 1                         | -         | 212           | 39                 | 173                | 6                   | 167           |
| Balance of county              | 449                | 386                                | 60                        | 1         | 200           | 106                | 94                 | 76                  | 18            |
| Clark                          | 311                | 198                                | 109                       | -         | 210           | 174                | 36                 | 23                  | 13            |
| Columbia                       | 885                | 868                                | 17                        | -         | 432           | 193                | 239                | 35                  | 181           |
| Crawford                       | 461                | 388                                | 70                        | 2         | 165           | 87                 | 78                 | -                   | 78            |
| Dane                           | 4,310              | 4,284                              | 26                        | -         | 1,729         | 607                | 1,122              | 125                 | 978           |
| Madison                        | 3,978              | 3,978                              | 2                         | -         | 1,203         | 290                | 913                | 12                  | 897           |
| Balance of county              | 332                | 308                                | 24                        | -         | 526           | 317                | 209                | 113                 | 81            |
| Dodge                          | 1,128              | 1,087                              | 41                        | -         | 478           | 259                | 219                | 32                  | 182           |
| Beaver Dam                     | 933                | 932                                | 1                         | -         | 208           | 49                 | 159                | -                   | 159           |
| Watertown (part)               | -                  | -                                  | -                         | -         | 27            | 27                 | -                  | -                   | -             |
| Balance of county              | 195                | 155                                | 40                        | -         | 243           | 183                | 60                 | 32                  | 23            |
| Door                           | 475                | 424                                | 51                        | -         | 194           | 117                | 77                 | -                   | 76            |
| Douglas                        | 1,057              | 1,057                              | 11                        | 1         | 574           | 196                | 378                | 53                  | 321           |
| Superior                       | 1,063              | 1,058                              | 7                         | -         | 465           | 157                | 308                | 4                   | 300           |
| Balance of county              | 6                  | 4                                  | 4                         | 1         | 109           | 39                 | 70                 | 49                  | 21            |
| Dunn                           | 431                | 387                                | 44                        | -         | 196           | 115                | 81                 | 5                   | 62            |

See footnotes on p. LII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                | LIVE BIRTHS        |                                    |                           |         | DEATHS |                    |                    |                     |       |
|---------------------|--------------------|------------------------------------|---------------------------|---------|--------|--------------------|--------------------|---------------------|-------|
|                     | Total <sup>1</sup> | Attended by—                       |                           |         | Total  | Not in institution | In institution     |                     |       |
|                     |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife |        |                    | Total <sup>3</sup> | Type of institution |       |
|                     |                    |                                    |                           |         |        |                    | Resi- dent         | Non- resi- dent     |       |
| WISCONSIN—Continued |                    |                                    |                           |         |        |                    |                    |                     |       |
| Bau Claire          | 1,801              | 1,790                              | 9                         | -       | 564    | 148                | 416                | 25                  | 391   |
| Bau Claire          | 1,972              | 1,790                              | 2                         | -       | 477    | 86                 | 391                | -                   | 391   |
| Balance of county   | 9                  | -                                  | 7                         | -       | 87     | 25                 | 25                 | -                   | -     |
| Florence            | 5                  | -                                  | 2                         | 2       | 26     | 25                 | 1                  | -                   | -     |
| Fond du Lac         | 2,002              | 1,955                              | 66                        | -       | 763    | 314                | 449                | 58                  | 391   |
| Fond du Lac         | 1,701              | 1,695                              | 8                         | -       | 502    | 134                | 368                | 12                  | 358   |
| Balance of county   | 301                | 242                                | 58                        | -       | 261    | 180                | 61                 | 46                  | 35    |
| Forest              | 247                | 192                                | 52                        | -       | 85     | 62                 | 23                 | -                   | 19    |
| Grant               | 971                | 844                                | 125                       | -       | 442    | 298                | 144                | 28                  | 111   |
| Green               | 712                | 702                                | 9                         | 1       | 350    | 47                 | 186                | 24                  | 151   |
| Green Lake          | 326                | 315                                | 12                        | -       | 160    | 106                | 54                 | 2                   | 51    |
| Iowa                | 628                | 612                                | 16                        | -       | 240    | 106                | 134                | 8                   | 128   |
| Iron                | 20                 | 1                                  | 17                        | -       | 52     | 51                 | 1                  | -                   | -     |
| Jackson             | 362                | 351                                | 8                         | -       | 154    | 108                | 46                 | 1                   | 45    |
| Jefferson           | 1,126              | 1,103                              | 21                        | -       | 494    | 270                | 224                | 49                  | 172   |
| Watertown (part)    | 766                | 764                                | 2                         | -       | 169    | 74                 | 142                | 7                   | 132   |
| Watertown (total)   | 766                | 764                                | 2                         | -       | 216    | 223                | 92                 | 42                  | 40    |
| Balance of county   | 360                | 359                                | 19                        | -       | 172    | 129                | 43                 | 2                   | 40    |
| Juneau              | 358                | 265                                | 88                        | -       | 172    | 129                | 43                 | 2                   | 40    |
| Kenosha             | 1,523              | 1,514                              | 7                         | -       | 591    | 258                | 333                | 16                  | 314   |
| Kenosha             | 1,517              | 1,514                              | 3                         | -       | 461    | 168                | 315                | 5                   | 308   |
| Balance of county   | 6                  | -                                  | 4                         | -       | 110    | 92                 | 18                 | 11                  | 6     |
| Kewaunee            | 368                | 305                                | 65                        | -       | 151    | 103                | 28                 | 3                   | 25    |
| La Crosse           | 2,296              | 2,271                              | 24                        | -       | 892    | 228                | 574                | 47                  | 526   |
| La Crosse           | 2,277              | 2,271                              | 6                         | -       | 678    | 151                | 527                | 6                   | 520   |
| Balance of county   | 19                 | -                                  | 18                        | -       | 124    | 77                 | 47                 | 41                  | 6     |
| Lafayette           | 54                 | 33                                 | 21                        | -       | 131    | 113                | 18                 | 2                   | 16    |
| Lafayette           | 693                | 669                                | 17                        | 1       | 206    | 159                | 68                 | -                   | 68    |
| Langlade            | 651                | 639                                | 11                        | -       | 246    | 76                 | 170                | 24                  | 146   |
| Lincoln             | 1,443              | 1,414                              | 28                        | -       | 564    | 296                | 268                | 27                  | 241   |
| Manitowoc           | 1,035              | 1,024                              | 9                         | -       | 337    | 152                | 205                | 19                  | 106   |
| Manitowoc           | 392                | 390                                | 2                         | -       | 80     | 31                 | 49                 | -                   | 49    |
| Balance of county   | 18                 | -                                  | 17                        | -       | 147    | 133                | 14                 | 8                   | 6     |
| Marathon            | 1,782              | 1,621                              | 156                       | 1       | 613    | 299                | 314                | 35                  | 276   |
| Wausau              | 1,623              | 1,621                              | 2                         | -       | 407    | 97                 | 310                | 35                  | 272   |
| Balance of county   | 159                | -                                  | 154                       | 1       | 206    | 202                | 4                  | -                   | 4     |
| Marinette           | 681                | 649                                | 31                        | -       | 393    | 164                | 225                | 19                  | 195   |
| Marinette           | 627                | 625                                | 2                         | -       | 253    | 72                 | 181                | 6                   | 175   |
| Balance of county   | 54                 | 24                                 | 29                        | -       | 140    | 96                 | 44                 | 13                  | 20    |
| Marquette           | 14                 | -                                  | 13                        | -       | 61     | 73                 | 8                  | 8                   | -     |
| Milwaukee           | 20,034             | 19,703                             | 305                       | 7       | 8,155  | 3,049              | 5,107              | 443                 | 4,562 |
| Milwaukee           | 19,001             | 18,759                             | 221                       | 6       | 5,766  | 2,347              | 3,419              | 162                 | 3,196 |
| Wauwatosa           | 217                | 212                                | 4                         | -       | 160    | 128                | 32                 | 22                  | 10    |
| West Allis          | 8                  | -                                  | 8                         | -       | 131    | 122                | 9                  | 8                   | -     |
| Cudahy              | 4                  | -                                  | 4                         | -       | 43     | 43                 | -                  | -                   | -     |
| Shorewood           | 2                  | -                                  | 2                         | -       | 57     | 56                 | 1                  | -                   | 1     |
| South Milwaukee     | 334                | 320                                | 13                        | -       | 58     | 43                 | 15                 | -                   | 15    |
| Balance of county   | 468                | 412                                | 53                        | 1       | 1,940  | 309                | 1,631              | 251                 | 1,340 |
| Monroe              | 665                | 615                                | 48                        | -       | 281    | 143                | 143                | 24                  | 121   |
| Oconto              | 526                | 481                                | 45                        | 1       | 214    | 147                | 67                 | 2                   | 65    |
| Oneida              | 587                | 572                                | 15                        | -       | 233    | 110                | 123                | -                   | 110   |
| Outagamie           | 2,556              | 2,468                              | 88                        | 3       | 701    | 416                | 285                | 2                   | 282   |
| Appleton            | 2,042              | 2,031                              | 11                        | -       | 400    | 203                | 197                | -                   | 196   |
| Balance of county   | 514                | 437                                | 72                        | 3       | 301    | 213                | 89                 | 2                   | 86    |
| Ozaukee             | 482                | 476                                | 6                         | -       | 220    | 115                | 105                | -                   | 105   |
| Pepin               | 150                | 150                                | -                         | -       | 67     | 59                 | 28                 | -                   | 25    |
| Pierce              | 448                | 406                                | 42                        | -       | 167    | 99                 | 68                 | 3                   | 65    |
| Polk                | 751                | 724                                | 26                        | -       | 263    | 170                | 93                 | -                   | 86    |
| Portage             | 858                | 815                                | 39                        | 1       | 328    | 167                | 161                | 3                   | 152   |
| Stevens Point       | 821                | 815                                | 6                         | -       | 232    | 78                 | 154                | 5                   | 150   |
| Balance of county   | 37                 | -                                  | 35                        | 1       | 96     | 89                 | 7                  | -                   | 2     |
| Priest              | 379                | 354                                | 25                        | -       | 122    | 86                 | 36                 | 4                   | 29    |
| Racine              | 2,624              | 2,602                              | 20                        | -       | 1,001  | 463                | 538                | 73                  | 465   |
| Racine              | 2,201              | 2,196                              | 5                         | -       | 683    | 324                | 359                | 7                   | 352   |
| Balance of county   | 423                | 406                                | 15                        | -       | 318    | 139                | 179                | 66                  | 113   |
| Richland            | 684                | 632                                | 32                        | -       | 192    | 80                 | 112                | 8                   | 103   |
| Rock                | 2,116              | 2,086                              | 28                        | -       | 910    | 423                | 487                | 24                  | 451   |
| Beloit              | 1,088              | 1,083                              | 5                         | -       | 338    | 115                | 223                | -                   | 219   |
| Janesville          | 785                | 781                                | 4                         | -       | 301    | 117                | 184                | 2                   | 174   |
| Balance of county   | 243                | 224                                | 19                        | -       | 271    | 181                | 80                 | 22                  | 58    |
| Rusk                | 499                | 480                                | 8                         | -       | 137    | 64                 | 73                 | -                   | 73    |
| St. Croix           | 415                | 376                                | 39                        | -       | 242    | 171                | 71                 | 16                  | 49    |
| Snook               | 965                | 933                                | 27                        | -       | 395    | 230                | 163                | 19                  | 141   |
| Snyver              | 171                | 102                                | 52                        | 15      | 96     | 66                 | 30                 | -                   | 30    |
| Shawano             | 689                | 630                                | 57                        | 1       | 295    | 169                | 126                | 13                  | 113   |
| Sheboygan           | 2,028              | 2,004                              | 23                        | 1       | 830    | 347                | 483                | 19                  | 460   |
| Sheboygan           | 1,772              | 1,768                              | 4                         | -       | 558    | 142                | 416                | 3                   | 410   |
| Balance of county   | 256                | 236                                | 19                        | 1       | 272    | 205                | 67                 | 16                  | 50    |
| Taylor              | 373                | 304                                | 64                        | -       | 139    | 97                 | 42                 | -                   | 42    |
| Trempealeau         | 424                | 402                                | 22                        | -       | 200    | 128                | 72                 | 10                  | 61    |
| Vernon              | 607                | 542                                | 64                        | -       | 226    | 147                | 79                 | 11                  | 62    |
| Vilas               | 74                 | 52                                 | 20                        | 1       | 67     | 63                 | 4                  | -                   | 3     |
| Walworth            | 658                | 640                                | 16                        | -       | 449    | 294                | 155                | 4                   | 106   |
| Washburn            | 269                | 223                                | 45                        | -       | 76     | 50                 | 26                 | -                   | 17    |
| Washington          | 837                | 811                                | 25                        | -       | 297    | 155                | 142                | 19                  | 123   |
| Waukesha            | 1,331              | 1,300                              | 31                        | -       | 702    | 413                | 289                | 48                  | 216   |
| Waukesha            | 1,142              | 1,139                              | 3                         | -       | 268    | 111                | 157                | -                   | 157   |
| Balance of county   | 189                | 161                                | 28                        | -       | 434    | 302                | 132                | 48                  | 59    |
| Waupaca             | 658                | 626                                | 32                        | -       | 375    | 206                | 169                | 48                  | 110   |
| Waushara            | 123                | 96                                 | 27                        | -       | 123    | 90                 | 33                 | 1                   | 32    |

See footnotes on p. lll.

# GENERAL TABLES—BIRTHS AND DEATHS

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**TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948—Continued**

(By place of occurrence. Deaths exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                              | LIVE BIRTHS        |                                    |                           |          | DEATHS       |                    |                    |                     |              |
|-----------------------------------|--------------------|------------------------------------|---------------------------|----------|--------------|--------------------|--------------------|---------------------|--------------|
|                                   | Total <sup>1</sup> | Attended by—                       |                           |          | Total        | Not in institution | In institution     |                     |              |
|                                   |                    | Physician in hospital <sup>2</sup> | Physician not in hospital | Midwife  |              |                    | Total <sup>3</sup> | Type of institution |              |
|                                   |                    |                                    |                           |          |              |                    | Resi- dent         | Non- resi- dent     |              |
| <b>WISCONSIN—Continued.</b>       |                    |                                    |                           |          |              |                    |                    |                     |              |
| Winnebago                         | 2,124              | 2,102                              | 19                        | -        | 981          | 468                | 513                | 155                 | 358          |
| Oshkosh                           | 1,500              | 1,295                              | 5                         | -        | 513          | 226                | 287                | 51                  | 256          |
| Menasha                           | 1                  | -                                  | -                         | -        | 62           | 62                 | -                  | -                   | -            |
| Neenah                            | 808                | 804                                | 2                         | -        | 145          | 54                 | 91                 | -                   | 91           |
| Balance of county                 | 17                 | 3                                  | 12                        | -        | 261          | 126                | 135                | 121                 | 11           |
| Wood                              | 1,876              | 1,809                              | 66                        | 1        | 473          | 208                | 265                | 20                  | 245          |
| Marshfield                        | 894                | 978                                | 16                        | -        | 225          | 55                 | 170                | 9                   | 161          |
| Wisconsin Rapids                  | 857                | 851                                | 6                         | -        | 141          | 57                 | 84                 | -                   | 84           |
| Balance of county                 | 45                 | -                                  | 44                        | 1        | 107          | 96                 | 11                 | 11                  | -            |
| <b>WYOMING</b>                    | <b>7,286</b>       | <b>6,850</b>                       | <b>324</b>                | <b>-</b> | <b>2,393</b> | <b>1,043</b>       | <b>1,350</b>       | <b>106</b>          | <b>1,134</b> |
| Albany                            | 520                | 517                                | 2                         | -        | 125          | 47                 | 76                 | -                   | 76           |
| Laramie                           | 519                | 517                                | 2                         | -        | 105          | 29                 | 76                 | -                   | 76           |
| Balance of county                 | 1                  | -                                  | -                         | -        | 18           | 18                 | -                  | -                   | -            |
| Big Horn                          | 338                | 335                                | 3                         | -        | 96           | 58                 | 38                 | -                   | 38           |
| Campbell                          | 163                | 161                                | 2                         | -        | 39           | 15                 | 24                 | -                   | 24           |
| Carbon                            | 306                | 298                                | 8                         | -        | 156          | 68                 | 88                 | 4                   | 62           |
| Converse                          | 126                | 125                                | 1                         | -        | 59           | 26                 | 33                 | -                   | 33           |
| Crook                             | 35                 | 33                                 | 2                         | -        | 28           | 16                 | 12                 | 4                   | -            |
| Fremont                           | 477                | 416                                | 55                        | -        | 201          | 117                | 84                 | 10                  | 67           |
| Goshen                            | 294                | 285                                | 9                         | -        | 92           | 49                 | 43                 | -                   | 43           |
| Hot Springs                       | 173                | 173                                | -                         | -        | 64           | 26                 | 38                 | -                   | 38           |
| Johnson                           | 309                | 307                                | 1                         | -        | 34           | 17                 | 17                 | 1                   | 16           |
| Laramie                           | 1,224              | 1,194                              | 29                        | -        | 309          | 113                | 195                | -                   | 194          |
| Cheyenne                          | 965                | 947                                | 17                        | -        | 229          | 71                 | 157                | -                   | 156          |
| Balance of county                 | 259                | 247                                | 11                        | -        | 80           | 42                 | 38                 | -                   | 38           |
| Lincoln                           | 305                | 303                                | 2                         | -        | 70           | 27                 | 43                 | -                   | 43           |
| Natrona                           | 851                | 846                                | 4                         | -        | 289          | 109                | 180                | 1                   | 177          |
| Casper                            | 848                | 846                                | 1                         | -        | 256          | 77                 | 179                | 1                   | 177          |
| Balance of county                 | 3                  | -                                  | 3                         | -        | 33           | 32                 | 1                  | 1                   | -            |
| Niobrara                          | 119                | 118                                | 1                         | -        | 52           | 14                 | 38                 | 5                   | 32           |
| Park                              | 506                | 486                                | 20                        | -        | 105          | 45                 | 60                 | -                   | 53           |
| Platte                            | 180                | 159                                | 41                        | -        | 72           | 28                 | 44                 | -                   | 39           |
| Sheridan                          | 523                | 519                                | 4                         | -        | 231          | 69                 | 162                | 34                  | 127          |
| Sheridan                          | 521                | 519                                | 2                         | -        | 175          | 45                 | 128                | -                   | 127          |
| Balance of county                 | 2                  | -                                  | 2                         | -        | 56           | 24                 | 34                 | 34                  | -            |
| Sublette                          | 3                  | -                                  | 3                         | -        | 9            | 9                  | -                  | -                   | -            |
| Sweetwater                        | 605                | 559                                | 46                        | -        | 171          | 61                 | 110                | -                   | 34           |
| Teton                             | 94                 | 94                                 | -                         | -        | 25           | 15                 | 8                  | -                   | 8            |
| Uinta                             | 97                 | 31                                 | 66                        | -        | 90           | 43                 | 47                 | 47                  | -            |
| Washakie                          | 196                | 172                                | 23                        | -        | 39           | 21                 | 18                 | -                   | 18           |
| Weston                            | 39                 | 36                                 | 3                         | -        | 29           | 23                 | 6                  | -                   | 6            |
| Yellowstone National Park (part)  | 3                  | 3                                  | -                         | -        | 15           | 9                  | 4                  | -                   | 4            |
| Yellowstone National Park (total) | 3                  | 3                                  | -                         | -        | 15           | 9                  | 4                  | -                   | 4            |

<sup>1</sup>Births attended by other and not specified persons are not shown separately, but are included in total births. For the United States in 1948, these births were 29,664.

<sup>2</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

<sup>3</sup>Deaths in institutions of unknown type are not shown separately, but are included in total deaths in institution. For the United States in 1948, these deaths were 18,413.

<sup>4</sup>Births classified as attended by "Other and not specified" persons (figure not shown separately in this table) form a somewhat greater proportion of the total births in 1948 than in former years because of special problems in coding the person-in-attendance item in Georgia, Kentucky, and Mississippi. The great majority of the "Other and not specified" attendants in these States are believed to be midwives.

<sup>5</sup>Includes data for Texarkana, Ark., only.

<sup>6</sup>Since this area is difficult to identify from the information given on the birth and death transcripts; data may be understated or overstated.

<sup>7</sup>Births classified as attended by "Other and not specified" persons (figure not shown separately in this table) form a much greater proportion of the total births in 1948 than in previous years because of special problems in coding the person-in-attendance item in this State. The great majority of the "Other and not specified" attendants are believed to be midwives.

<sup>8</sup>Figures for District 1511, Center Hill, are included in those for Atlanta.

<sup>9</sup>Statistical transcripts for the 2,381 births that occurred in the city of Lynn were received at the National Office of Vital Statistics after tabulations were completed.

<sup>10</sup>Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.

<sup>11</sup>Includes data for Bristol, Tenn., only.

<sup>12</sup>Includes data for Texarkana, Tex., only.

<sup>13</sup>Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of the State.

<sup>14</sup>Classified as urban under a special rule in the 1940 census.

<sup>15</sup>Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roanoke, Staunton, Suffolk, and Winchester.

<sup>16</sup>Includes data for Bristol, Va., only.

<sup>17</sup>Includes data for Bluefield, W. Va., only.

**NOTE.**—Certain cities listed in this table are located in more than one county. In these cases, figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amarillo, Tex., are shown under Potter County; Atlanta, Ga., under Fulton County; Bethlehem, Pa., under Northampton County; Centralia, Ill., under Marion County; Elgin, Ill., under Kane County; Ellwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W. Va., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, N. C., under Nash County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone National Park are shown under Wyoming.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 4.—DEATHS BY MONTH: UNITED STATES AND EACH STATE, 1948

(By place of occurrence. Exclusive of stillbirths and of deaths among armed forces overseas)

| AREA                 | Total deaths | Jan.    | Feb.    | Mar.    | Apr.    | May     | June    | July    | Aug.    | Sept.   | Oct.    | Nov.    | Dec.    |
|----------------------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| UNITED STATES        | 1,444,337    | 138,240 | 128,158 | 129,842 | 118,730 | 120,403 | 113,901 | 112,614 | 115,418 | 105,053 | 118,744 | 115,173 | 127,861 |
| Alabama              | 26,356       | 2,594   | 2,482   | 2,412   | 2,098   | 2,095   | 2,146   | 2,087   | 1,942   | 1,906   | 2,227   | 2,122   | 2,245   |
| Arizona              | 7,122        | 752     | 704     | 619     | 567     | 585     | 546     | 557     | 486     | 544     | 506     | 588     | 668     |
| Arkansas             | 14,954       | 1,490   | 1,389   | 1,317   | 1,196   | 1,315   | 1,193   | 1,203   | 1,052   | 1,084   | 1,194   | 1,173   | 1,349   |
| California           | 99,320       | 10,159  | 9,004   | 8,843   | 7,684   | 8,088   | 7,511   | 7,741   | 7,519   | 7,289   | 7,847   | 8,018   | 9,417   |
| Colorado             | 12,824       | 1,208   | 1,046   | 1,166   | 1,060   | 1,090   | 1,010   | 1,020   | 1,007   | 964     | 1,148   | 1,077   | 1,028   |
| Connecticut          | 18,419       | 1,892   | 1,670   | 1,685   | 1,688   | 1,568   | 1,532   | 1,534   | 1,669   | 1,412   | 1,573   | 1,489   | 1,697   |
| Delaware             | 3,466        | 342     | 320     | 312     | 261     | 286     | 271     | 280     | 281     | 255     | 297     | 256     | 305     |
| District of Columbia | 8,388        | 780     | 756     | 821     | 647     | 675     | 646     | 682     | 661     | 592     | 653     | 699     | 766     |
| Florida              | 25,881       | 2,768   | 2,372   | 2,421   | 2,098   | 2,053   | 1,980   | 1,841   | 1,907   | 1,891   | 2,047   | 2,082   | 2,421   |
| Georgia              | 29,564       | 3,028   | 2,672   | 2,485   | 2,366   | 2,361   | 2,369   | 2,382   | 2,357   | 2,144   | 2,533   | 2,325   | 2,574   |
| Idaho                | 4,783        | 406     | 424     | 397     | 387     | 386     | 396     | 441     | 375     | 359     | 418     | 393     | 401     |
| Illinois             | 89,900       | 8,256   | 8,011   | 7,984   | 7,462   | 7,587   | 7,040   | 6,883   | 7,181   | 6,532   | 7,627   | 7,306   | 8,077   |
| Indiana              | 39,372       | 3,674   | 3,395   | 3,539   | 3,254   | 3,455   | 3,036   | 3,049   | 3,038   | 2,894   | 3,281   | 3,170   | 3,578   |
| Iowa                 | 26,150       | 2,506   | 2,253   | 2,298   | 2,138   | 2,166   | 1,950   | 2,117   | 1,988   | 1,836   | 2,265   | 2,209   | 2,414   |
| Kansas               | 18,648       | 1,619   | 1,606   | 1,684   | 1,580   | 1,512   | 1,442   | 1,507   | 1,485   | 1,331   | 1,633   | 1,569   | 1,681   |
| Kentucky             | 27,753       | 2,733   | 2,435   | 2,535   | 2,309   | 2,248   | 2,101   | 2,134   | 2,153   | 2,118   | 2,396   | 2,165   | 2,446   |
| Louisiana            | 23,894       | 2,501   | 2,375   | 2,145   | 1,997   | 1,934   | 1,906   | 1,869   | 1,807   | 1,660   | 1,891   | 1,862   | 2,048   |
| Maine                | 9,961        | 874     | 951     | 959     | 874     | 865     | 799     | 807     | 776     | 665     | 829     | 750     | 813     |
| Maryland             | 22,904       | 2,177   | 2,045   | 2,048   | 1,919   | 1,939   | 1,852   | 1,902   | 1,888   | 1,616   | 1,849   | 1,763   | 2,006   |
| Massachusetts        | 52,712       | 5,191   | 4,673   | 4,832   | 4,464   | 4,391   | 4,333   | 3,752   | 4,435   | 3,695   | 4,180   | 4,136   | 4,830   |
| Michigan             | 56,551       | 4,996   | 4,716   | 4,338   | 4,786   | 4,839   | 4,563   | 4,536   | 4,720   | 4,216   | 4,650   | 4,552   | 5,039   |
| Minnesota            | 27,859       | 2,645   | 2,400   | 2,402   | 2,283   | 2,467   | 2,185   | 2,462   | 2,174   | 2,008   | 2,266   | 2,249   | 2,311   |
| Mississippi          | 20,043       | 1,970   | 1,945   | 1,854   | 1,573   | 1,591   | 1,585   | 1,554   | 1,460   | 1,439   | 1,673   | 1,626   | 1,818   |
| Missouri             | 42,892       | 4,179   | 3,871   | 3,847   | 3,509   | 3,459   | 3,237   | 3,395   | 3,373   | 3,181   | 3,643   | 3,455   | 3,743   |
| Montana              | 5,849        | 494     | 488     | 505     | 466     | 529     | 494     | 504     | 482     | 438     | 500     | 466     | 483     |
| Nebraska             | 12,541       | 1,148   | 1,017   | 1,099   | 1,037   | 1,066   | 940     | 1,054   | 974     | 888     | 1,098   | 1,048   | 1,172   |
| Nevada               | 1,690        | 143     | 169     | 166     | 127     | 133     | 124     | 150     | 134     | 136     | 132     | 125     | 142     |
| New Hampshire        | 6,197        | 591     | 514     | 515     | 517     | 506     | 505     | 503     | 525     | 464     | 516     | 459     | 581     |
| New Jersey           | 47,512       | 4,549   | 4,125   | 4,285   | 3,921   | 4,004   | 3,826   | 3,635   | 3,933   | 3,475   | 3,806   | 3,796   | 4,157   |
| New Mexico           | 5,711        | 406     | 501     | 466     | 464     | 481     | 449     | 474     | 477     | 441     | 497     | 479     | 486     |
| New York             | 157,766      | 14,757  | 14,138  | 14,636  | 13,132  | 13,364  | 12,579  | 12,000  | 13,490  | 11,099  | 12,566  | 12,175  | 13,810  |
| North Carolina       | 50,147       | 3,089   | 2,763   | 2,670   | 2,375   | 2,447   | 2,360   | 2,366   | 2,366   | 2,214   | 2,429   | 2,423   | 2,633   |
| North Dakota         | 5,045        | 446     | 400     | 406     | 443     | 445     | 399     | 457     | 370     | 362     | 451     | 402     | 464     |
| Ohio                 | 80,566       | 7,575   | 6,972   | 7,219   | 6,601   | 6,786   | 6,446   | 6,131   | 6,358   | 6,025   | 6,780   | 6,453   | 7,220   |
| Oklahoma             | 18,591       | 1,879   | 1,611   | 1,665   | 1,530   | 1,509   | 1,488   | 1,438   | 1,462   | 1,316   | 1,525   | 1,540   | 1,628   |
| Oregon               | 14,191       | 1,217   | 1,295   | 1,312   | 1,176   | 1,274   | 1,161   | 1,097   | 1,049   | 1,085   | 1,149   | 1,127   | 1,249   |
| Pennsylvania         | 108,888      | 10,437  | 9,588   | 9,854   | 9,154   | 9,189   | 8,489   | 8,375   | 8,497   | 7,847   | 8,992   | 8,761   | 9,705   |
| Rhode Island         | 8,125        | 763     | 755     | 762     | 709     | 640     | 606     | 597     | 695     | 579     | 645     | 626     | 748     |
| South Carolina       | 17,917       | 1,862   | 1,741   | 1,586   | 1,451   | 1,415   | 1,477   | 1,435   | 1,400   | 1,321   | 1,363   | 1,321   | 1,547   |
| South Dakota         | 5,711        | 513     | 465     | 511     | 443     | 485     | 404     | 494     | 475     | 466     | 515     | 464     | 478     |
| Tennessee            | 29,774       | 2,962   | 2,671   | 2,691   | 2,421   | 2,412   | 2,317   | 2,262   | 2,392   | 2,184   | 2,471   | 2,366   | 2,625   |
| Texas                | 84,077       | 6,028   | 5,670   | 5,847   | 5,096   | 5,199   | 5,230   | 5,372   | 5,362   | 4,576   | 5,163   | 5,095   | 5,449   |
| Utah                 | 5,193        | 451     | 418     | 497     | 440     | 485     | 372     | 441     | 424     | 380     | 414     | 407     | 454     |
| Vermont              | 4,048        | 374     | 371     | 361     | 345     | 301     | 307     | 324     | 337     | 307     | 326     | 322     | 350     |
| Virginia             | 26,907       | 2,842   | 2,619   | 2,610   | 2,293   | 2,386   | 2,301   | 2,220   | 2,314   | 2,144   | 2,437   | 2,251   | 2,490   |
| Washington           | 22,294       | 1,932   | 1,872   | 1,919   | 1,856   | 1,949   | 1,781   | 1,759   | 1,741   | 1,739   | 1,895   | 1,834   | 2,017   |
| West Virginia        | 17,751       | 1,760   | 1,557   | 1,630   | 1,525   | 1,480   | 1,359   | 1,334   | 1,402   | 1,361   | 1,498   | 1,338   | 1,507   |
| Wisconsin            | 32,703       | 3,002   | 2,736   | 2,881   | 2,737   | 2,734   | 2,662   | 2,616   | 2,771   | 2,368   | 2,760   | 2,648   | 2,788   |
| Wyoming              | 2,593        | 178     | 208     | 190     | 181     | 207     | 196     | 192     | 224     | 197     | 200     | 216     | 204     |

# GENERAL TABLES—DEATHS FROM EACH CAUSE

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TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

| Int. List No. | CAUSE OF DEATH  | Total deaths | ALL RACES |         | WHITE   |         | NEGRO  |        | INDIAN |       | CHINESE |     | JAPANESE |     | ALL OTHER |    |
|---------------|---|--------------|-----------|---------|---------|---------|--------|--------|--------|-------|---------|-----|----------|-----|-----------|----|
|               |   |              | Male      | Female  | M       | F       | M      | F      | M      | F     | M       | F   | M        | F   | M         | F  |
|               |   |              |           |         |         |         |        |        |        |       |         |     |          |     |           |    |
|               | ALL CAUSES-----                                       | 1,444,337    | 820,931   | 623,406 | 725,818 | 544,771 | 90,732 | 76,514 | 2,388  | 1,917 | 1,004   | 158 | 674      | 200 | 315       | 46 |
|               | I.—Infectious and parasitic diseases-----             | 73,016       | 46,789    | 26,227  | 55,236  | 18,227  | 10,794 | 7,556  | 447    | 402   | 171     | 11  | 71       | 24  | 70        | 7  |
| 1             | Typhoid fever-----                                    | 205          | 125       | 80      | 84      | 55      | 36     | 24     | 4      | 1     | -       | -   | -        | -   | 1         | -  |
| 2             | Paratyphoid fever-----                                | 28           | 18        | 10      | 15      | 6       | 3      | 4      | -      | -     | -       | -   | -        | -   | -         | -  |
| 3             | Plague-----   | -            | -         | -       | -       | -       | -      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 4             | Cholera-----  | -            | -         | -       | -       | -       | -      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 5             | Undulant fever (brucellosis)-----                     | 55           | 51        | 24      | 27      | 18      | 3      | 5      | 1      | 1     | -       | -   | -        | -   | -         | -  |
| 6             | Cerebrospinal (meningococcus) meningitis-----         | 873          | 493       | 380     | 420     | 329     | 71     | 49     | 1      | 2     | 1       | -   | -        | -   | -         | -  |
| 7             | Anthrax (infection by Bacillus anthracis)-----        | 6            | 2         | 3       | 1       | 5       | -      | -      | 1      | -     | -       | -   | -        | -   | -         | -  |
| 8             | Scarlet fever-----                                    | 68           | 37        | 31      | 32      | 31      | 5      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 9             | Whooping cough-----                                   | 1,146        | 557       | 609     | 554     | 397     | 158    | 161    | 25     | 31    | -       | -   | -        | -   | -         | -  |
| 10            | Diphtheria (infection by C. diphtheriae)-----         | 654          | 352       | 282     | 289     | 228     | 58     | 50     | 5      | 4     | -       | -   | -        | -   | -         | -  |
| 11            | Erysipelas-----                                       | 69           | 30        | 39      | 29      | 54      | 1      | 5      | -      | -     | -       | -   | -        | -   | -         | -  |
| 12            | Tetanus-----  | 506          | 320       | 186     | 194     | 115     | 124    | 69     | 1      | 2     | -       | -   | -        | -   | 1         | -  |
| 13-22         | Tuberculosis (all forms)-----                         | 45,855       | 28,552    | 15,261  | 21,616  | 10,134  | 6,376  | 4,846  | 322    | 268   | 135     | 10  | 57       | 19  | 46        | 4  |
| 13            | Tuberculosis of respiratory system, etc.*-----        | 40,420       | 26,593    | 13,827  | 20,354  | 9,167   | 5,744  | 4,375  | 270    | 238   | 130     | 9   | 52       | 15  | 43        | 3  |
| 14            | Tuberculosis of meninges, etc.*-----                  | 1,048        | 583       | 465     | 378     | 320     | 170    | 131    | 32     | 12    | 1       | -   | 1        | 1   | 1         | 1  |
| 15            | Tuberculosis of intestines and peritoneum-----        | 382          | 172       | 210     | 96      | 127     | 65     | 74     | 9      | 9     | 1       | -   | 1        | -   | -         | -  |
| 16            | Tuberculosis of vertebral column-----                 | 339          | 258       | 161     | 149     | 120     | 86     | 41     | 3      | -     | -       | -   | -        | -   | -         | -  |
| 17            | Tuberculosis of bones and joints, etc.*-----          | 101          | 67        | 34      | 55      | 26      | 12     | 8      | -      | -     | -       | -   | -        | -   | -         | -  |
| 18            | Tuberculosis of skin, etc.*-----                      | 18           | 9         | 9       | 7       | 9       | 2      | 1      | -      | -     | -       | -   | -        | -   | -         | -  |
| 19            | Tuberculosis of lymphatic system, etc.*-----          | 66           | 31        | 35      | 20      | 21      | 10     | 14     | -      | -     | -       | -   | -        | -   | 1         | -  |
| 20            | Tuberculosis of genito-urinary system-----            | 327          | 218       | 109     | 200     | 101     | 14     | 7      | 2      | -     | 1       | -   | 1        | 1   | -         | -  |
| 21            | Tuberculosis of other organs-----                     | 101          | 69        | 32      | 51      | 25      | 18     | 6      | -      | 1     | -       | -   | -        | -   | -         | -  |
| 22            | Disseminated tuberculosis-----                        | 971          | 572       | 399     | 306     | 199     | 255    | 169    | 6      | 8     | 2       | 1   | 2        | 2   | 1         | -  |
| 23            | Leprosy-----  | 21           | 16        | 5       | 15      | 3       | 1      | 1      | -      | -     | -       | -   | -        | 1   | -         | -  |
| 24            | Septicemia, purulent infection (nonpurulent)-----     | 496          | 273       | 223     | 227     | 179     | 42     | 37     | 2      | 6     | 1       | 1   | -        | -   | 1         | -  |
| 25            | Gonococcus infection-----                             | 71           | 25        | 46      | 9       | 11      | 16     | 34     | -      | 1     | -       | -   | -        | -   | -         | -  |
| 26            | Other diseases due to bacteria (exc. dysentery)-----  | 46           | 30        | 16      | 19      | 6       | 11     | 9      | -      | 1     | -       | -   | -        | -   | -         | -  |
| 27            | Dysentery-----  | 1,078        | 588       | 490     | 486     | 414     | 91     | 63     | 11     | 13    | -       | -   | -        | -   | -         | -  |
| 28            | Malaria-----  | 170          | 99        | 71      | 61      | 33      | 37     | 38     | 1      | -     | -       | -   | -        | -   | -         | -  |
| 29            | Other diseases due to parasitic protozoa, etc.*-----  | 38           | 22        | 16      | 20      | 11      | 2      | 5      | -      | -     | -       | -   | -        | -   | -         | -  |
| 30            | Syphilis (all forms)-----                             | 11,616       | 8,474     | 3,142   | 5,598   | 1,680   | 2,794  | 1,229  | 32     | 28    | 25      | -   | 11       | 4   | 14        | 1  |
| 30a           | Locomotor ataxia (tabes dorsalis)-----                | 375          | 308       | 67      | 270     | 59      | 33     | 7      | 2      | 1     | 1       | -   | 1        | -   | 1         | -  |
| 30b           | General paralysis of insane-----                      | 2,915        | 2,197     | 716     | 1,378   | 480     | 792    | 265    | 6      | 13    | -       | -   | 5        | -   | 4         | -  |
| 30c           | Aneurysm of aorta-----                                | 3,639        | 2,782     | 877     | 2,079   | 624     | 666    | 247    | 4      | 5     | -       | -   | 5        | 2   | 3         | -  |
| 30d           | Congenital syphilis-----                              | 505          | 291       | 214     | 110     | 87      | 172    | 117    | 9      | 10    | -       | -   | -        | -   | -         | -  |
| 30e,g         | Syphilis (other forms)-----                           | 4,184        | 2,916     | 1,268   | 1,761   | 660     | 1,131  | 595    | 12     | 12    | 6       | -   | -        | 2   | 6         | 1  |
| 31            | Relapsing fever-----                                  | 1            | 1         | -       | 1       | -       | -      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 32            | Other diseases due to spirochetes-----                | 370          | 220       | 150     | 197     | 133     | 23     | 17     | -      | -     | -       | -   | -        | -   | -         | -  |
| 33            | Influenza-----  | 5,068        | 2,586     | 2,512   | 1,915   | 1,849   | 621    | 644    | 16     | 19    | 3       | -   | 1        | -   | 2         | -  |
| 34            | Smallpox-----   | 5            | 3         | 2       | 3       | 1       | -      | 1      | -      | -     | -       | -   | -        | -   | -         | -  |
| 35            | Measles-----  | 888          | 441       | 447     | 582     | 376     | 46     | 49     | 13     | 22    | -       | -   | -        | -   | -         | -  |
| 36            | Poliomyelitis and poliomyelitis (acute)-----          | 1,895        | 1,145     | 752     | 1,088   | 711     | 51     | 59     | 2      | -     | 1       | -   | -        | -   | 1         | 2  |
| 37            | Acute infectious encephalitis (lethargic)-----        | 570          | 345       | 225     | 515     | 200     | 26     | 25     | 3      | -     | -       | -   | -        | -   | 1         | -  |
| 38            | Other diseases due to filterable viruses-----         | 164          | 104       | 60      | 85      | 52      | 14     | 6      | 5      | 2     | -       | -   | -        | -   | -         | -  |
| 39            | Typhus fever and typhus-like diseases-----            | 177          | 109       | 68      | 94      | 55      | 15     | 12     | -      | 1     | -       | -   | -        | -   | -         | -  |
| 40            | Ankylostomiasis-----                                  | 6            | 5         | 1       | 4       | 1       | 1      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 41            | Hydatid disease-----                                  | 12           | 11        | 1       | 11      | 1       | -      | -      | -      | -     | -       | -   | -        | -   | -         | -  |
| 42            | Other diseases caused by helminths-----               | 54           | 27        | 27      | 23      | 18      | 4      | 9      | -      | -     | -       | -   | -        | -   | -         | -  |
| 43            | Mycoses-----  | 381          | 250       | 131     | 187     | 102     | 57     | 29     | 1      | -     | 2       | -   | -        | -   | 3         | -  |
| 44            | Other infectious and parasitic diseases-----          | 2,467        | 1,550     | 917     | 1,437   | 841     | 107    | 76     | 1      | -     | 3       | -   | 2        | -   | -         | -  |
|               | II.—Cancer and other tumors-----                      | 202,386      | 99,912    | 102,474 | 92,695  | 95,663  | 6,809  | 8,625  | 106    | 125   | 128     | 18  | 149      | 39  | 25        | 4  |
| 45-55         | Cancer and other malignant tumors-----                | 197,042      | 97,944    | 99,098  | 90,942  | 90,917  | 6,602  | 8,001  | 105    | 123   | 125     | 16  | 146      | 37  | 24        | 4  |
| 45            | Cancer of buccal cavity and pharynx-----              | 5,712        | 4,558     | 1,154   | 4,261   | 1,046   | 270    | 108    | 3      | -     | 17      | -   | 5        | -   | 2         | -  |
| 45a           | Cancer of lip-----                                    | 388          | 322       | 66      | 511     | 45      | 11     | 1      | -      | -     | -       | -   | -        | -   | -         | -  |
| 45b           | Cancer of tongue-----                                 | 1,395        | 1,118     | 277     | 1,042   | 254     | 72     | 23     | 1      | -     | 2       | -   | 1        | -   | -         | -  |
| 45c           | Cancer of mouth-----                                  | 834          | 646       | 188     | 608     | 170     | 33     | 18     | 1      | -     | 3       | -   | 1        | -   | -         | -  |
| 45d           | Cancer of jaw bones-----                              | 820          | 612       | 208     | 568     | 178     | 43     | 30     | -      | -     | -       | -   | 1        | -   | -         | -  |
| 45e           | Cancer of unspecified parts of buccal cavity-----     | 101          | 73        | 28      | 72      | 27      | 1      | 1      | -      | -     | -       | -   | -        | -   | -         | -  |
| 45f           | Cancer of pharynx-----                                | 1,894        | 1,587     | 407     | 1,460   | 372     | 110    | 35     | 1      | -     | 12      | -   | 2        | -   | 2         | -  |
| 46            | Cancer of digestive organs and peritoneum-----        | 85,056       | 46,703    | 38,353  | 43,126  | 35,785  | 3,324  | 2,492  | 64     | 52    | 72      | 3   | 106      | 19  | 11        | 2  |
| 46a           | Cancer of esophagus-----                              | 3,681        | 2,917     | 764     | 2,575   | 679     | 327    | 85     | 1      | -     | 6       | -   | 8        | 1   | -         | -  |
| 46b           | Cancer of stomach-----                                | 26,215       | 16,321    | 9,894   | 14,717  | 9,022   | 1,496  | 844    | 32     | 14    | 17      | 2   | 56       | 10  | 3         | 2  |
| 46c           | Cancer of duodenum-----                               | 359          | 198       | 140     | 189     | 131     | 9      | 9      | -      | -     | -       | -   | -        | -   | -         | -  |
| 46d           | Cancer of rectum and anus-----                        | 10,834       | 6,200     | 4,634   | 5,981   | 4,290   | 297    | 358    | 5      | 5     | 10      | -   | 7        | 1   | -         | -  |
| 46e           | Cancer of intestines, etc.*-----                      | 22,860       | 10,422    | 12,438  | 9,895   | 11,822  | 497    | 598    | 7      | 14    | 11      | -   | 11       | 4   | 1         | -  |
| 46f           | Cancer of liver and biliary passages-----             | 10,598       | 4,766     | 5,832   | 4,394   | 5,498   | 341    | 325    | 10     | 12    | 18      | 1   | 10       | 2   | 3         | -  |
| 46g           | Cancer of pancreas-----                               | 8,234        | 4,753     | 3,481   | 4,458   | 3,271   | 267    | 203    | 6      | 6     | 7       | -   | 13       | 1   | 2         | -  |
| 46h           | Cancer of mesentery and peritoneum-----               | 1,409        | 690       | 719     | 652     | 680     | 34     | 38     | 1      | 1     | 1       | -   | 1        | -   | 1         | -  |
| 46n           | Cancer of other and unspecified sites-----            | 887          | 436       | 451     | 375     | 399     | 56     | 52     | 2      | -     | 2       | -   | -        | -   | 1         | -  |
| 47            | Cancer of respiratory system-----                     | 18,970       | 15,113    | 3,857   | 14,221  | 3,602   | 654    | 247    | 4      | 6     | 13      | -   | 15       | 2   | 5         | -  |
| 47a           | Cancer of larynx-----                                 | 1,868        | 1,694     | 174     | 1,598   | 154     | 95     | 19     | -      | -     | -       | -   | -        | -   | 1         | 1  |
| 47b           | Cancer of trachea-----                                | 70           | 53        | 17      | 50      | 15      | 3      | 2      | -      | -     | -       | -   | -        | -   | -         | -  |
| 47c,d         | Cancer of bronchus and lung-----                      | 16,331       | 12,891    | 3,440   | 12,131  | 3,220   | 726    | 214    | 4      | 5     | 12      | -   | 14       | 1   | 4         | -  |
| 47e           | Cancer of pleura-----                                 | 119          | 59        | 60      | 56      | 56      | 3      | 4      | -      | -     | -       | -   | -        | -   | -         | -  |
| 47f           | Cancer of other respiratory organs-----               | 582          | 416       | 166     | 386     | 157     | 27     | 8      | -      | 1     | 1       | -   | 2        | -   | -         | -  |
| 48            | Cancer of uterus-----                                 | 17,120       | ...       | 17,120  | ...     | 14,458  | ...    | 2,622  | ...    | 33    | ...     | 3   | ...      | 3   | ...       | 1  |
| 48a           | Cancer of cervix-----                                 | 7,983        | ...       | 7,983   | ...     | 6,674   | ...    | 1,291  | ...    | 15    | ...     | 2   | ...      | 1   | ...       | -  |
| 48b           | Cancer of other and unspecified sites of uterus-----  | 9,137        | ...       | 9,137   | ...     | 7,784   | ...    | 1,351  | ...    | 18    | ...     | 1   | ...      | 2   | ...       | 1  |
| 49            | Cancer of other female genital organs-----            | 6,142        | ...       | 6,142   | ...     | 5,785   | ...    | 354    | ...    | 2     | ...     | -   | ...      | 1   | ...       | -  |
| 49a,b         | Cancer of ovary, fallopian tube, and parametrium----- | 5,326        | ...       | 5,326   | ...     | 5,037   | ...    | 288    | ...    | 1     | ...     | -   | ...      | 1   |           |    |

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

| Int. List No. | CAUSE OF DEATH  | Total deaths | ALL RACES |        | WHITE  |        | NEGRO |       | INDIAN |     | CHINESE |     | JAPANESE |     | ALL OTHER |     |
|---------------|---|--------------|-----------|--------|--------|--------|-------|-------|--------|-----|---------|-----|----------|-----|-----------|-----|
|               |   |              | Male      | Female | M      | F      | M     | F     | M      | F   | M       | F   | M        | F   | M         | F   |
|               | II.—Cancer and other tumors—Con.                          |              |           |        |        |        |       |       |        |     |         |     |          |     |           |     |
|               | -Cancer and other malignant tumors—Con.                   |              |           |        |        |        |       |       |        |     |         |     |          |     |           |     |
| 51            | Cancer of male genital organs-----                        | 12,764       | 12,764    | ...    | 11,677 | ...    | 1,066 | ...   | 14     | ... | 3       | ... | 3        | ... | 1         | ... |
| 51b           | Cancer of prostate-----                                   | 11,758       | 11,758    | ...    | 10,759 | ...    | 965   | ...   | 11     | ... | 2       | ... | 2        | ... | 1         | ... |
| 51a,c-e       | Cancer of other male genital organs-----                  | 1,006        | 1,006     | ...    | 918    | ...    | 85    | ...   | 3      | ... | 1       | ... | 1        | ... | ...       | ... |
| 52            | Cancer of urinary organs-----                             | 9,783        | 6,417     | 3,566  | 6,087  | 3,113  | 341   | 245   | 3      | 3   | 2       | -   | 4        | 3   | -         | -   |
| 52a           | Cancer of kidney-----                                     | 3,342        | 2,122     | 1,220  | 2,012  | 1,156  | 106   | 63    | 3      | 1   | 1       | -   | 1        | -   | -         | -   |
| 52b           | Cancer of bladder-----                                    | 6,278        | 4,216     | 2,062  | 3,985  | 1,882  | 228   | 175   | -      | 2   | 1       | -   | 4        | 3   | -         | -   |
| 52c           | Cancer of other and unspecified sites-----                | 165          | 79        | 84     | 72     | 77     | 7     | 7     | -      | -   | -       | -   | -        | -   | -         | -   |
| 53            | Cancer of skin, etc.*-----                                | 3,568        | 2,111     | 1,457  | 2,063  | 1,406  | 44    | 49    | 2      | 2   | 1       | -   | -        | -   | 1         | -   |
| 54            | Cancer of central nervous system*-----                    | 3,890        | 2,382     | 1,508  | 2,284  | 1,413  | 85    | 92    | 2      | 2   | 2       | 1   | 1        | 2   | -         | -   |
| 55            | Cancer of other and unspecified organs-----               | 14,875       | 7,662     | 7,213  | 7,024  | 6,621  | 598   | 576   | 13     | 10  | 15      | 4   | 11       | 2   | 4         | -   |
| 56,57         | Nonmalignant tumors and tumors of unspecified nature----- | 5,344        | 1,968     | 3,376  | 1,753  | 2,746  | 207   | 624   | 1      | 2   | 3       | 2   | 3        | 2   | 1         | -   |
| 56            | Nonmalignant tumors (including dermoid cysts)-----        | 3,013        | 719       | 2,294  | 654    | 1,780  | 62    | 509   | -      | 2   | 1       | 2   | 1        | 1   | 1         | -   |
| 56a-c         | Nonmalignant tumors of female genital organs-----         | 1,588        | ...       | 1,588  | ...    | 1,151  | ...   | 434   | ...    | 1   | ...     | 1   | ...      | 1   | ...       | -   |
| 56d           | Nonmalignant tumors of central nervous system*-----       | 773          | 390       | 383    | 362    | 358    | 26    | 24    | -      | 1   | 1       | -   | 1        | -   | -         | -   |
| 56e           | Nonmalignant tumors of other and unspecified organs-----  | 652          | 329       | 323    | 292    | 271    | 36    | 51    | -      | -   | -       | 1   | -        | -   | 1         | -   |
| 57            | Tumors of unspecified nature-----                         | 2,331        | 1,249     | 1,082  | 1,099  | 966    | 145   | 115   | 1      | -   | 2       | -   | 2        | 1   | -         | -   |
| 57a-c         | Tumors, female genital organs (nature unspecified)-----   | 58           | ...       | 58     | ...    | 46     | ...   | 12    | ...    | -   | ...     | -   | -        | -   | -         | -   |
| 57d           | Tumors, central nervous system* (nature unspecified)----- | 1,550        | 857       | 693    | 766    | 630    | 89    | 62    | 1      | -   | -       | -   | 1        | 1   | -         | -   |
| 57e           | Tumors, other organs (nature unspecified)-----            | 723          | 392       | 331    | 333    | 290    | 56    | 41    | -      | -   | 2       | -   | 1        | -   | -         | -   |
|               | III.—Rheumatism, diseases of nutrition, etc.*-----        | 46,730       | 17,307    | 29,423 | 15,991 | 26,850 | 1,232 | 2,511 | 35     | 51  | 21      | 5   | 18       | 4   | 10        | 2   |
| 58            | Acute rheumatic fever-----                                | 827          | 443       | 484    | 544    | 360    | 97    | 121   | 1      | 3   | -       | -   | -        | -   | 1         | -   |
| 58a           | Acute rheumatic pericarditis-----                         | 35           | 18        | 17     | 14     | 10     | 4     | 7     | -      | -   | -       | -   | -        | -   | -         | -   |
| 58b           | Acute rheumatic endocarditis-----                         | 205          | 98        | 107    | 87     | 88     | 11    | 21    | -      | -   | -       | -   | -        | -   | -         | -   |
| 58c           | Acute rheumatic myocarditis-----                          | 106          | 49        | 57     | 35     | 41     | 14    | 15    | -      | 1   | -       | -   | -        | -   | -         | -   |
| 58d           | Other acute rheumatic heart diseases-----                 | 206          | 96        | 110    | 78     | 84     | 16    | 26    | 1      | -   | -       | -   | -        | -   | 1         | -   |
| 58e,f         | Other forms of acute rheumatic fever, etc.*-----          | 375          | 182       | 193    | 130    | 139    | 52    | 52    | -      | 2   | -       | -   | -        | -   | -         | -   |
| 59            | Chronic rheumatism, other rheumatic diseases-----         | 1,827        | 655       | 1,172  | 601    | 1,096  | 52    | 78    | 1      | 1   | -       | -   | 1        | -   | -         | -   |
| 60            | Gout-----   | 3            | 3         | -      | 3      | -      | -     | -     | -      | -   | -       | -   | -        | -   | -         | -   |
| 61            | Diabetes mellitus-----                                    | 38,638       | 14,384    | 24,254 | 13,456 | 22,339 | 858   | 1,866 | 28     | 38  | 20      | 5   | 14       | 4   | 8         | 2   |
| 62            | Diseases of pituitary gland-----                          | 152          | 63        | 89     | 57     | 80     | 6     | 9     | -      | -   | -       | -   | -        | -   | -         | -   |
| 63            | Diseases of thyroid and parathyroid glands-----           | 2,513        | 456       | 2,057  | 431    | 1,832  | 23    | 221   | -      | 4   | -       | -   | 1        | -   | 1         | -   |
| 63a           | Simple goiter-----  | 136          | 29        | 107    | 28     | 86     | 1     | 21    | -      | -   | -       | -   | -        | -   | -         | -   |
| 63b           | Exophthalmic goiter-----                                  | 1,976        | 314       | 1,662  | 293    | 1,473  | 19    | 186   | -      | 3   | -       | -   | 1        | -   | 1         | -   |
| 63c-e         | Other diseases of thyroid and parathyroid glands-----     | 401          | 113       | 288    | 110    | 273    | 5     | 14    | -      | 1   | -       | -   | -        | -   | -         | -   |
| 64            | Diseases of thymus gland-----                             | 828          | 492       | 336    | 423    | 293    | 66    | 41    | 2      | 2   | -       | -   | 1        | -   | -         | -   |
| 65            | Diseases of adrenal glands*-----                          | 492          | 233       | 259    | 211    | 249    | 20    | 10    | -      | -   | 1       | -   | 1        | -   | -         | -   |
| 66            | Other general diseases-----                               | 496          | 243       | 253    | 198    | 210    | 44    | 43    | 1      | -   | -       | -   | -        | -   | -         | -   |
| 67            | Scurvy-----   | 12           | 5         | 7      | 5      | 6      | -     | 1     | -      | -   | -       | -   | -        | -   | -         | -   |
| 68            | Beriberi-----   | 86           | 39        | 27     | 33     | 24     | 6     | 2     | -      | 1   | -       | -   | -        | -   | -         | -   |
| 69            | Pellagra (except alcoholic)-----                          | 606          | 202       | 404    | 164    | 296    | 37    | 106   | 1      | 2   | -       | -   | -        | -   | -         | -   |
| 70            | Rickets-----  | 41           | 28        | 13     | 16     | 10     | 11    | 3     | 1      | -   | -       | -   | -        | -   | -         | -   |
| 71            | Other avitaminoses-----                                   | 129          | 61        | 68     | 49     | 55     | 12    | 13    | -      | -   | -       | -   | -        | -   | -         | -   |
|               | IV.—Diseases of the blood and blood-forming organs-----   | 11,697       | 6,487     | 5,210  | 6,054  | 4,836  | 411   | 355   | 7      | 11  | 6       | 1   | 8        | 7   | 1         | -   |
| 72            | Hemorrhagic conditions-----                               | 544          | 283       | 261    | 260    | 230    | 21    | 28    | 1      | 2   | 1       | -   | -        | 1   | -         | -   |
| 73            | Anemias (except aplenic anemia)-----                      | 2,605        | 1,280     | 1,325  | 1,156  | 1,181  | 122   | 139   | 2      | 5   | -       | -   | -        | -   | -         | -   |
| 73a           | Pernicious anemia-----                                    | 1,453        | 699       | 754    | 670    | 712    | 27    | 41    | 2      | 1   | -       | -   | -        | -   | -         | -   |
| 73b-d         | Other anemias (except aplenic)-----                       | 1,152        | 581       | 571    | 486    | 469    | 95    | 98    | -      | 4   | -       | -   | -        | -   | -         | -   |
| 74            | Leukemias and aleukemias-----                             | 7,782        | 4,512     | 3,270  | 4,267  | 3,102  | 228   | 158   | 4      | 3   | 4       | 1   | 8        | 6   | 1         | -   |
| 74a           | Leukemias-----  | 7,448        | 4,333     | 3,115  | 4,091  | 2,951  | 225   | 154   | 4      | 3   | 4       | 1   | 8        | 6   | 1         | -   |
| 74b           | Aleukemias-----   | 334          | 179       | 155    | 176    | 151    | 3     | 4     | -      | -   | -       | -   | -        | -   | -         | -   |
| 75            | Diseases of spleen-----                                   | 474          | 262       | 212    | 235    | 194    | 26    | 18    | -      | -   | 1       | -   | -        | -   | -         | -   |
| 76            | Other diseases of blood and blood-forming organs-----     | 292          | 150       | 142    | 136    | 129    | 14    | 12    | -      | 1   | -       | -   | -        | -   | -         | -   |
|               | V.—Chronic poisoning and intoxication-----                | 2,550        | 2,114     | 436    | 1,784  | 322    | 312   | 108   | 15     | 6   | 2       | -   | 1        | -   | -         | -   |
| 77            | Alcoholism (ethylism)-----                                | 2,433        | 2,026     | 407    | 1,715  | 295    | 296   | 106   | 14     | 6   | 1       | -   | -        | -   | -         | -   |
| 78            | Lead poisoning-----                                       | 46           | 40        | 6      | 32     | 5      | 8     | 1     | -      | -   | -       | -   | -        | -   | -         | -   |
| 79            | Chronic poisoning by other mineral substances*-----       | 71           | 48        | 23     | 37     | 22     | 6     | 1     | 1      | 1   | -       | 1   | -        | 1   | -         | -   |
|               | VI.—Diseases of the nervous system, etc.*-----            | 145,534      | 72,220    | 73,314 | 63,236 | 63,527 | 8,728 | 9,624 | 97     | 119 | 78      | 17  | 69       | 24  | 12        | 3   |
| 80            | Encephalitis (nonepidemic)-----                           | 1,163        | 685       | 478    | 572    | 406    | 111   | 66    | 1      | 6   | -       | -   | 1        | -   | -         | -   |
| 81            | Meningitis (not due to meningococcus)-----                | 1,851        | 1,094     | 757    | 833    | 563    | 251   | 181   | 6      | 11  | 4       | 1   | -        | 1   | -         | -   |
| 82            | Diseases of spinal cord (see exceptions)*-----            | 2,574        | 1,552     | 1,022  | 1,436  | 928    | 111   | 92    | 2      | 1   | -       | -   | 3        | 1   | -         | -   |
| 83            | Intracranial lesions of vascular origin-----              | 131,036      | 64,132    | 66,904 | 56,276 | 57,954 | 7,638 | 8,821 | 72     | 89  | 72      | 16  | 62       | 21  | 12        | 3   |
| 83a           | Cerebral hemorrhage or effusion*-----                     | 110,394      | 53,659    | 56,735 | 46,706 | 48,703 | 6,787 | 7,916 | 63     | 81  | 60      | 15  | 53       | 17  | 10        | 3   |
| 83b,c         | Cerebral embolism, thrombosis, and softening-----         | 17,743       | 9,018     | 8,725  | 8,362  | 8,086  | 631   | 631   | 5      | 3   | 9       | 1   | 9        | 4   | 2         | -   |
| 83d           | Hemiplegia, other paralysis, etc.*-----                   | 2,899        | 1,455     | 1,444  | 1,208  | 1,165  | 240   | 274   | 4      | 5   | 3       | -   | -        | -   | -         | -   |
| 84            | Mental diseases and deficiency (see exception)*-----      | 1,376        | 605       | 773    | 474    | 631    | 128   | 141   | -      | 1   | 1       | -   | -        | -   | -         | -   |
| 85            | Epilepsy-----   | 1,969        | 1,178     | 791    | 948    | 664    | 228   | 125   | 2      | 2   | -       | -   | -        | -   | -         | -   |
| 86            | Convulsions (under 5 years)-----                          | 285          | 154       | 131    | 107    | 93     | 41    | 36    | 6      | 2   | -       | -   | -        | -   | -         | -   |
| 87            | Other diseases of nervous system-----                     | 4,620        | 2,423     | 2,197  | 2,250  | 2,065  | 164   | 129   | 6      | 3   | 1       | -   | 2        | -   | -         | -   |
| 88            | Diseases of organs of vision-----                         | 89           | 16        | 22     | 10     | 20     | 6     | 1     | -      | 1   | -       | -   | -        | -   | -         | -   |
| 89            | Diseases of ear and mastoid process-----                  | 622          | 383       | 239    | 330    | 203    | 50    | 32    | 2      | 3   | -       | -   | 1        | 1   | -         | -   |

\*Refer to International List for complete title, table IX.

GENERAL TABLES—DEATHS FROM EACH CAUSE

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TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

| Int. List No. | CAUSE OF DEATH  | Total deaths | ALL RACES |         | WHITE   |         | NEGRO  |        | INDIAN |     | CHINESE |    | JAPANESE |    | ALL OTHER |    |
|---------------|---|--------------|-----------|---------|---------|---------|--------|--------|--------|-----|---------|----|----------|----|-----------|----|
|               |   |              | Male      | Female  | M       | F       | M      | F      | M      | F   | M       | F  | M        | F  | M         | F  |
|               |   |              |           |         |         |         |        |        |        |     |         |    |          |    |           |    |
|               | VII.—Diseases of the circulatory system                         | 505,716      | 299,352   | 206,364 | 275,767 | 186,428 | 22,732 | 19,665 | 333    | 204 | 263     | 28 | 174      | 32 | 63        | 7  |
|               | Diseases of the heart (all forms)-----                          | 471,469      | 281,276   | 190,193 | 259,308 | 171,686 | 21,199 | 18,263 | 303    | 183 | 241     | 27 | 166      | 30 | 59        | 4  |
| 90-95         | Pericarditis (except acute rheumatic)-----                      | 469          | 308       | 161     | 247     | 130     | 59     | 31     | 1      | -   | -       | -  | 1        | -  | -         | -  |
| 90a           | Chronic rheumatic pericarditis-----                             | 12           | 8         | 4       | 6       | 3       | 2      | 1      | -      | -   | -       | -  | -        | -  | -         | -  |
| 90b           | Other pericarditis-----   | 457          | 300       | 157     | 241     | 127     | 57     | 30     | 1      | -   | -       | -  | 1        | -  | -         |    |
| 91            | Acute endocarditis (except rheumatic)-----                      | 1,102        | 633       | 469     | 498     | 348     | 128    | 117    | 1      | 4   | 3       | -  | 1        | -  | 2         |    |
| 91a,b         | Bacterial, acute, and subacute endocarditis-----                | 1,026        | 602       | 424     | 480     | 321     | 115    | 99     | 1      | 4   | 3       | -  | 1        | -  | 2         |    |
| 91c           | Endocarditis (unspecified, under 45 years)-----                 | 76           | 31        | 45      | 18      | 27      | 13     | -      | -      | -   | -       | -  | -        | -  | -         |    |
| 92            | Chronic affections of valves and endocardium-----               | 29,544       | 15,721    | 13,823  | 13,753  | 12,028  | 1,922  | 1,768  | 24     | 23  | 10      | -  | 6        | 4  | 6         |    |
| 92a           | Diseases of aortic valve, etc.*-----                            | 3,052        | 1,933     | 1,139   | 1,595   | 860     | 332    | 255    | 3      | 4   | 2       | -  | -        | -  | 1         |    |
| 92b           | Diseases of mitral valve, etc.*-----                            | 12,550       | 6,395     | 6,155   | 5,615   | 5,421   | 759    | 720    | 11     | 13  | 5       | -  | 3        | 1  | 2         |    |
| 92c           | Chronic rheumatic endocarditis, etc.*-----                      | 2,037        | 1,193     | 944     | 1,130   | 776     | 62     | 65     | 1      | 1   | -       | -  | -        | 2  | -         |    |
| 92d           | Other chronic endocarditis, etc.*-----                          | 10,579       | 5,501     | 5,079   | 4,474   | 4,462   | 641    | 611    | 6      | 4   | 3       | -  | 2        | 1  | 2         |    |
| 92e           | Endocarditis (unspecified, 45 years and over)-----              | 1,326        | 699       | 627     | 566     | 509     | 128    | 117    | 3      | 1   | -       | -  | 1        | -  | 1         |    |
| 93            | Diseases of the myocardium-----                                 | 246,250      | 130,455   | 115,795 | 118,099 | 104,465 | 11,941 | 11,199 | 143    | 93  | 157     | 17 | 85       | 17 | 30        | 4  |
| 93a           | Acute myocarditis (except rheumatic)-----                       | 2,895        | 1,563     | 1,332   | 1,311   | 1,073   | 248    | 258    | 2      | -   | 1       | -  | 1        | 1  | -         |    |
| 93b           | Myocarditis (unspecified, under 45 years)-----                  | 259          | 145       | 114     | 103     | 65      | 40     | 48     | 1      | 1   | -       | -  | 1        | -  | -         |    |
| 93c           | Chronic rheumatic myocarditis, etc.*-----                       | 1,265        | 578       | 687     | 527     | 646     | 50     | 41     | 1      | -   | -       | -  | -        | -  | -         |    |
| 93d           | Other chronic myocarditis, etc.*-----                           | 227,042      | 119,802   | 107,240 | 108,945 | 97,151  | 10,482 | 9,971  | 123    | 82  | 147     | 17 | 79       | 15 | 26        | 4  |
| 93e           | Other myocarditis (unspecified)-----                            | 14,799       | 6,367     | 6,427   | 7,213   | 5,530   | 1,121  | 881    | 16     | 10  | 9       | -  | 4        | 1  | 4         |    |
| 94            | Diseases of coronary arteries, angina pectoris-----             | 160,520      | 116,373   | 46,147  | 109,582 | 43,025  | 4,570  | 3,078  | 84     | 33  | 52      | 4  | 66       | 7  | 19        |    |
| 94a           | Diseases of coronary arteries-----                              | 157,833      | 112,526   | 45,307  | 107,880 | 42,290  | 4,427  | 2,974  | 82     | 32  | 52      | 4  | 66       | 7  | 19        |    |
| 94b           | Angina pectoris-----  | 2,687        | 1,847     | 840     | 1,702   | 725     | 143    | 104    | 2      | 1   | -       | -  | -        | -  | -         |    |
| 95            | Other diseases of heart-----                                    | 33,584       | 19,786    | 13,798  | 17,129  | 11,690  | 2,579  | 2,070  | 50     | 30  | 19      | 6  | 7        | 2  | 2         |    |
| 95a           | Functional diseases of heart, etc.*-----                        | 1,039        | 535       | 504     | 498     | 457     | 37     | 46     | -      | 1   | -       | -  | -        | -  | -         |    |
| 95b           | Other diseases of heart (rheumatic)-----                        | 7,423        | 3,645     | 3,778   | 3,313   | 3,360   | 322    | 406    | 2      | 6   | 4       | 1  | 1        | -  | 1         |    |
| 95c           | Other diseases of heart (not rheumatic)-----                    | 25,122       | 15,606    | 9,516   | 13,318  | 7,873   | 2,220  | 1,618  | 48     | 21  | 13      | 2  | 6        | 2  | 1         |    |
| 96            | Aneurysm (except of heart and aorta)-----                       | 2,613        | 1,734     | 879     | 1,589   | 777     | 135    | 97     | 2      | 4   | 6       | -  | 1        | 1  | 1         |    |
| 97            | Arteriosclerosis (except coronary or renal sclerosis)-----      | 25,629       | 13,245    | 12,384  | 12,266  | 11,542  | 944    | 826    | 16     | 13  | 11      | 1  | 5        | 1  | 3         |    |
| 98            | Gangrene-----   | 348          | 193       | 155     | 143     | 131     | 45     | 23     | 4      | 1   | -       | -  | 1        | -  | -         |    |
| 99            | Other diseases of arteries-----                                 | 2,055        | 1,181     | 904     | 1,069   | 825     | 79     | 79     | 2      | 1   | 1       | -  | -        | -  | -         |    |
| 100           | Diseases of veins-----  | 1,420        | 711       | 709     | 638     | 644     | 72     | 64     | 1      | 1   | 1       | -  | -        | -  | -         |    |
| 101           | Diseases of lymphatic system-----                               | 49           | 26        | 23      | 21      | 21      | 4      | 2      | -      | -   | 1       | -  | -        | -  | 2         |    |
| 102           | High blood pressure (idiopathic)-----                           | 1,836        | 895       | 1,041   | 869     | 747     | 219    | 291    | 3      | 1   | 3       | -  | 1        | -  | -         |    |
| 103           | Other diseases of circulatory system-----                       | 197          | 121       | 76      | 84      | 55      | 35     | 20     | 2      | 1   | -       | -  | -        | -  | -         |    |
|               | VIII.—Diseases of respiratory system-----                       | 65,929       | 38,381    | 27,548  | 32,412  | 22,889  | 5,597  | 4,381  | 265    | 247 | 62      | 14 | 24       | 11 | 21        | 6  |
| 104           | Diseases of nasal fossae, accessory sinuses-----                | 451          | 253       | 198     | 170     | 125     | 77     | 70     | 5      | 3   | 1       | -  | -        | -  | -         |    |
| 105           | Diseases of larynx-----   | 245          | 133       | 112     | 117     | 93      | 15     | 19     | 1      | -   | -       | -  | -        | -  | -         |    |
| 106           | Bronchitis-----   | 3,450        | 2,088     | 1,352   | 1,908   | 1,205   | 181    | 135    | 5      | 11  | 3       | -  | -        | 1  | 1         |    |
| 107-          | Bronchopneumonia (including capillary bronchitis)-----          | 27,722       | 15,315    | 12,407  | 12,954  | 10,323  | 2,181  | 1,933  | 135    | 137 | 27      | 9  | 12       | 3  | 8         | 2  |
| 108           | Lobar pneumonia-----  | 18,028       | 10,993    | 7,035   | 8,979   | 5,679   | 1,922  | 1,289  | 61     | 59  | 19      | 3  | 5        | 3  | 7         | 3  |
| 109           | Pneumonia (unspecified)-----                                    | 5,675        | 3,245     | 2,430   | 2,617   | 1,961   | 574    | 438    | 49     | 29  | 3       | 1  | 1        | 1  | 1         |    |
| 109A          | Atypical or virus pneumonia-----                                | 1,160        | 652       | 508     | 576     | 458     | 71     | 51     | 3      | -   | -       | -  | 1        | -  | 1         |    |
| 109B          | Pneumonia (all other, unspecified)-----                         | 4,515        | 2,593     | 1,922   | 2,041   | 1,503   | 503    | 387    | 46     | 29  | 3       | -  | -        | 1  | -         |    |
| 110           | Pleurisy (not specified as tuberculous)-----                    | 1,108        | 699       | 409     | 589     | 342     | 105    | 63     | 3      | 1   | -       | -  | 1        | -  | -         |    |
| 111           | Hemorrhagic infarction, thrombosis, edema*-----                 | 4,114        | 2,086     | 2,028   | 1,871   | 1,814   | 204    | 211    | 4      | 2   | 3       | -  | 3        | -  | 1         |    |
| 112           | Asthma-----   | 2,627        | 1,635     | 992     | 1,465   | 850     | 162    | 139    | -      | 1   | 5       | 1  | 2        | 1  | 1         |    |
| 113           | Pulmonary emphysema-----  | 449          | 364       | 85      | 339     | 77      | 22     | 8      | 1      | -   | -       | -  | -        | 2  | -         |    |
| 114           | Other diseases of respiratory system (except tuberculosis)----- | 2,060        | 1,560     | 500     | 1,403   | 420     | 154    | 76     | 3      | 3   | -       | -  | -        | 1  | -         |    |
| 114a,b        | Silicosis, other forms of pneumoconiosis-----                   | 627          | 621       | 6       | 607     | 5       | 14     | 1      | -      | -   | -       | -  | -        | -  | -         |    |
| 141c-e        | Other diseases of respiratory system (except tuberculosis)----- | 1,433        | 939       | 494     | 796     | 415     | 140    | 75     | 3      | 3   | -       | -  | -        | 1  | -         |    |
|               | IX.—Diseases of the digestive system-----                       | 63,319       | 37,657    | 25,662  | 33,755  | 22,698  | 3,598  | 2,902  | 197    | 150 | 88      | 9  | 33       | 12 | 26        | -1 |
| 115           | Diseases of buccal cavity and adenax, etc.*-----                | 1,310        | 687       | 623     | 583     | 507     | 118    | 112    | 3      | 2   | 1       | 1  | 2        | 1  | -         |    |
| 116           | Diseases of esophagus-----                                      | 285          | 169       | 116     | 145     | 103     | 24     | 13     | -      | -   | -       | -  | -        | -  | -         |    |
| 117           | Ulcer of stomach or duodenum-----                               | 8,708        | 7,126     | 1,582   | 6,618   | 1,409   | 468    | 167    | 4      | 4   | 22      | 1  | 11       | 1  | 3         |    |
| 117a          | Ulcer of stomach-----   | 5,297        | 4,310     | 987     | 3,939   | 889     | 346    | 123    | 2      | 3   | 12      | 1  | 10       | 1  | 1         |    |
| 117b          | Ulcer of duodenum-----  | 3,411        | 2,816     | 595     | 2,679   | 520     | 122    | 44     | 2      | 1   | 10      | -  | -        | -  | 2         |    |
| 118           | Other diseases of stomach (except cancer)-----                  | 1,259        | 759       | 500     | 564     | 309     | 190    | 187    | 4      | 4   | -       | -  | 1        | -  | -         |    |
| 119           | Diarrhea, enteritis, etc.* (under 2 years)-----                 | 6,908        | 3,878     | 3,030   | 3,111   | 2,501   | 658    | 482    | 121    | 77  | 3       | -  | -        | -  | 5         |    |
| 120           | Diarrhea, enteritis, etc.* (2 years and over)-----              | 1,923        | 933       | 990     | 784     | 838     | 135    | 141    | 12     | 9   | -       | -  | 2        | 2  | -         |    |
| 121           | Appendicitis-----   | 4,171        | 2,553     | 1,618   | 2,244   | 1,396   | 297    | 217    | 7      | 3   | 1       | 1  | 3        | 1  | 1         |    |
| 122           | Hernia and intestinal obstruction-----                          | 10,099       | 5,253     | 4,846   | 4,554   | 4,260   | 698    | 571    | 22     | 13  | 5       | -  | 2        | 2  | 2         |    |
| 122a          | Hernia-----   | 4,321        | 2,596     | 1,725   | 2,243   | 1,651   | 301    | 107    | 8      | 7   | 3       | -  | -        | -  | 1         |    |
| 122b          | Intestinal obstruction-----                                     | 5,778        | 2,657     | 3,081   | 2,291   | 2,609   | 397    | 464    | 14     | 6   | 2       | -  | 2        | 2  | 1         |    |
| 123           | Other diseases of intestines-----                               | 1,992        | 1,061     | 911     | 971     | 804     | 103    | 106    | 3      | -   | 1       | -  | 1        | 1  | 2         |    |
| 124           | Cirrhosis of liver-----   | 16,512       | 10,921    | 5,591   | 10,259  | 5,148   | 616    | 424    | 9      | 13  | 21      | 3  | 7        | 2  | 9         |    |
| 124a          | Cirrhosis of liver with mention of alcoholism-----              | 2,885        | 2,082     | 803     | 1,974   | 745     | 96     | 54     | 1      | 3   | 8       | 1  | 3        | -  | -         |    |
| 124b          | Cirrhosis of liver without mention of alcoholism-----           | 13,627       | 8,839     | 4,788   | 8,285   | 4,403   | 520    | 370    | 8      | 10  | 13      | 2  | 4        | 2  | 9         |    |
| 125           | Other diseases of liver-----                                    | 1,886        | 956       | 930     | 830     | 789     | 122    | 138    | 2      | 1   | 1       | -  | 1        | -  | 1         |    |
| 126           | Biliary calculi-----  | 3,775        | 1,263     | 2,512   | 1,228   | 2,441   | 24     | 56     | 5      | 14  | 1       | 1  | 4        | -  | 1         |    |
| 127           | Other diseases of gallbladder, biliary ducts-----               | 2,473        | 988       | 1,505   | 909     | 1,413   | 55     | 86     | 2      | 6   | 1       | -  | -        | -  | 1         |    |
| 128           | Diseases of pancreas (except diabetes mellitus)-----            | 1,213        | 687       | 526     | 629     | 481     | 57     | 43     | 1      | 1   | -       | -  | -        | -  | -         |    |
| 129           | Peritonitis (cause not stated)-----                             | 805          | 423       | 382     | 366     | 289     | 53     | 89     | 2      | 3   | 1       | -  | -        | 1  | 1         |    |
|               | X.—Diseases of genito-urinary system-----                       | 90,549       | 51,356    | 39,193  | 43,322  | 32,499  | 7,865  | 6,618  | 84     | 57  | 51      | 11 | 24       | 5  | 10        | 3  |
| 130           | Acute nephritis-----  | 2,136        | 1,214     | 922     | 896     | 640     | 321    | 275    | 4      | 6   | 2       | -  | 1        | -  | -         |    |
| 131           | Chronic nephritis-----  | 71,886       | 39,147    | 33,519  | 32,080  | 27,991  | 5,945  | 5,475  | 55     | 40  | 41      | 9  | 18       | 3  | 8         |    |
| 131a          | Arteriosclerotic kidney-----                                    | 55,407       | 29,062    | 26,345  | 24,518  | 22,120  | 4,452  | 4,189  | 38     | 31  | 32      | 4  | 15       | 1  | 7         |    |
| 131b          | Other chronic nephritis-----                                    | 16,259       | 9,085     | 7,174   | 7,562   | 5,871   | 1,493  | 1,286  | 17     | 9   | 9       | 5  | 3        | 2  | 1         |    |
| 132           | Nephritis unspecified (10 years and over)-----                  | 3,575        | 2,029     | 1,546   | 1,581   | 1,204   | 441    | 339    | 6      |     |         |    |          |    |           |    |

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

| Int. List No. | CAUSE OF DEATH  | Total deaths | ALL RACES |        | WHITE  |        | NEGRO  |       | INDIAN |     | CHINESE |     | JAPANESE |     | ALL OTHER |     |
|---------------|---|--------------|-----------|--------|--------|--------|--------|-------|--------|-----|---------|-----|----------|-----|-----------|-----|
|               |   |              | Male      | Female | M      | F      | M      | F     | M      | F   | M       | F   | M        | F   | M         | F   |
|               | <b>X.—Diseases of genito-urinary system—Continued</b>                   |              |           |        |        |        |        |       |        |     |         |     |          |     |           |     |
| 137           | Diseases of prostate-----   | 6,790        | 6,790     | ...    | 6,090  | ...    | 682    | ...   | 13     | ... | 2       | ... | 1        | ... | 2         | ... |
| 137a          | Hypertrophy of prostate-----  | 5,808        | 5,808     | ...    | 5,224  | ...    | 569    | ...   | 13     | ... | 1       | ... | -        | ... | 1         | ... |
| 137b          | Other diseases of prostate-----   | 982          | 982       | ...    | 866    | ...    | 113    | ...   | -      | ... | 1       | ... | 1        | ... | 1         | ... |
| 138           | Diseases of other male genital organs (not venereal)-----               | 54           | 54        | ...    | 25     | ...    | 9      | ...   | -      | ... | -       | ... | -        | ... | -         | ... |
| 139           | Diseases of female genital organs-----                                  | 994          | ...       | 994    | ...    | 706    | ...    | 284   | ...    | 4   | ...     | -   | ...      | -   | ...       | -   |
| 139a          | Diseases of ovaries, fallopian tubes, parametria-----                   | 580          | ...       | 580    | ...    | 353    | ...    | 223   | ...    | 4   | ...     | -   | ...      | -   | ...       | -   |
| 139b          | Diseases of uterus-----   | 532          | ...       | 392    | ...    | 339    | ...    | 53    | ...    | -   | ...     | -   | ...      | -   | ...       | -   |
| 139c          | Diseases of other female genital organs*-----                           | 22           | ...       | 22     | ...    | 14     | ...    | 6     | ...    | -   | ...     | -   | ...      | -   | ...       | -   |
|               | <b>XI.—Diseases of pregnancy, childbirth, and the puerperium</b>        | 4,122        | ...       | 4,122  | ...    | 2,753  | ...    | 1,316 | ...    | 44  | ...     | 4   | ...      | 3   | ...       | -   |
| 140           | Abortion with mention of infection-----                                 | 289          | ...       | 289    | ...    | 174    | ...    | 112   | ...    | 3   | ...     | -   | ...      | -   | ...       | -   |
| 141           | Abortion without mention of infection-----                              | 207          | ...       | 207    | ...    | 147    | ...    | 56    | ...    | 4   | ...     | -   | ...      | -   | ...       | -   |
| 141a,c        | Abortion (nonseptic), spontaneous, therapeutic, with toxemia*-----      | 62           | ...       | 62     | ...    | 49     | ...    | 12    | ...    | 1   | ...     | -   | ...      | -   | ...       | -   |
| 141b          | Abortion (nonseptic), spontaneous, therapeutic, without toxemia*-----   | 70           | ...       | 70     | ...    | 47     | ...    | 22    | ...    | 1   | ...     | -   | ...      | -   | ...       | -   |
| 141d-f        | Other abortions (nonseptic)*-----                                       | 78           | ...       | 75     | ...    | 51     | ...    | 22    | ...    | 2   | ...     | -   | ...      | -   | ...       | -   |
| 142           | Ectopic gestation-----  | 245          | ...       | 243    | ...    | 136    | ...    | 105   | ...    | 1   | ...     | 1   | ...      | -   | ...       | -   |
| 142a          | Ectopic gestation, with mention of infection-----                       | 43           | ...       | 43     | ...    | 27     | ...    | 16    | ...    | -   | ...     | -   | ...      | -   | ...       | -   |
| 142b          | Ectopic gestation, without mention of infection-----                    | 200          | ...       | 200    | ...    | 109    | ...    | 89    | ...    | 1   | ...     | 1   | ...      | -   | ...       | -   |
| 143           | Hemorrhage of pregnancy (death before delivery)-----                    | 55           | ...       | 55     | ...    | 38     | ...    | 17    | ...    | -   | ...     | -   | ...      | -   | ...       | -   |
| 144           | Toxemia of pregnancy (death before delivery)-----                       | 458          | ...       | 458    | ...    | 265    | ...    | 186   | ...    | 7   | ...     | -   | ...      | -   | ...       | -   |
| 145           | Other diseases of pregnancy (death before delivery)*-----               | 258          | ...       | 258    | ...    | 191    | ...    | 66    | ...    | 1   | ...     | -   | ...      | -   | ...       | -   |
| 145a          | With mention of infection-----  | 171          | ...       | 171    | ...    | 129    | ...    | 41    | ...    | 1   | ...     | -   | ...      | -   | ...       | -   |
| 145b          | Without mention of infection-----                                       | 87           | ...       | 87     | ...    | 62     | ...    | 25    | ...    | -   | ...     | -   | ...      | -   | ...       | -   |
| 146           | Hemorrhage of childbirth and puerperium-----                            | 718          | ...       | 718    | ...    | 508    | ...    | 198   | ...    | 9   | ...     | 2   | ...      | 1   | ...       | -   |
| 147           | Infection during childbirth and puerperium-----                         | 706          | ...       | 706    | ...    | 505    | ...    | 194   | ...    | 5   | ...     | -   | ...      | 2   | ...       | -   |
| 148           | Puerperal toxemia (excluding death before delivery)-----                | 644          | ...       | 644    | ...    | 417    | ...    | 222   | ...    | 5   | ...     | -   | ...      | -   | ...       | -   |
| 149           | Other accidents and specified conditions of childbirth-----             | 302          | ...       | 302    | ...    | 218    | ...    | 79    | ...    | 4   | ...     | 1   | ...      | -   | ...       | -   |
| 150           | Other and unspecified conditions of childbirth and puerperium-----      | 242          | ...       | 242    | ...    | 154    | ...    | 83    | ...    | 5   | ...     | -   | ...      | -   | ...       | -   |
|               | <b>XII.—Diseases of the skin and cellular tissue</b>                    | 941          | 427       | 514    | 355    | 401    | 66     | 109   | 5      | 1   | 1       | 2   | -        | 1   | -         | -   |
| 151           | Carbuncle and furuncle-----   | 41           | 35        | 6      | 32     | 4      | 3      | 2     | -      | -   | -       | -   | -        | -   | -         | -   |
| 152           | Phlegmon and acute abscess-----   | 137          | 72        | 65     | 61     | 4      | 10     | 20    | -      | -   | 1       | -   | -        | -   | -         | -   |
| 153           | Other diseases of skin and cellular tissue-----                         | 763          | 320       | 443    | 262    | 352    | 53     | 87    | 5      | 1   | -       | 2   | -        | 1   | -         | -   |
|               | <b>XIII.—Diseases of the bones, etc.*</b>                               | 759          | 413       | 346    | 358    | 310    | 51     | 36    | 2      | -   | 1       | -   | 1        | -   | -         | -   |
| 154           | Osteomyelitis and periostitis-----                                      | 170          | 118       | 52     | 88     | 43     | 26     | 9     | 2      | -   | 1       | -   | 1        | -   | -         | -   |
| 155           | Other diseases of bones (except tuberculosis)-----                      | 191          | 62        | 129    | 56     | 123    | 6      | 6     | -      | -   | -       | -   | -        | -   | -         | -   |
| 156           | Diseases of joints, other organs of movement-----                       | 396          | 233       | 163    | 214    | 144    | 19     | 21    | -      | -   | -       | -   | -        | -   | -         | -   |
|               | <b>XIV.—Congenital malformations</b>                                    | 19,246       | 10,649    | 8,597  | 9,706  | 7,856  | 878    | 702   | 45     | 26  | 9       | 6   | 9        | 3   | 2         | 4   |
| 157a-d        | Congenital malformations of central nervous system-----                 | 5,860        | 2,815     | 3,045  | 2,600  | 2,854  | 198    | 182   | 13     | 4   | -       | 2   | 4        | 1   | -         | 2   |
| 157e,f        | Congenital malformations of cardiovascular system-----                  | 9,016        | 5,221     | 3,795  | 4,772  | 3,439  | 412    | 336   | 24     | 17  | 7       | 2   | 4        | -   | 2         | 2   |
| 157g,h,m      | Other congenital malformations-----                                     | 4,370        | 2,613     | 1,757  | 2,334  | 1,564  | 269    | 184   | 8      | 5   | 2       | 2   | 1        | 2   | -         | -   |
|               | <b>XV.—Diseases peculiar to the first year of life</b>                  | 61,543       | 36,229    | 25,314 | 30,563 | 20,904 | 5,456  | 4,250 | 134    | 119 | 34      | 21  | 28       | 15  | 14        | 5   |
| 158           | Congenital debility (cause not stated)-----                             | 1,613        | 945       | 668    | 636    | 471    | 287    | 185   | 21     | 12  | 1       | -   | -        | -   | -         | -   |
| 159           | Premature birth (cause not stated)-----                                 | 39,085       | 22,602    | 16,483 | 18,970 | 13,497 | 3,521  | 2,905 | 65     | 57  | 20      | 11  | 15       | 9   | 11        | 4   |
| 160           | Injury at birth-----  | 12,191       | 7,508     | 4,683  | 6,563  | 4,026  | 908    | 626   | 19     | 21  | 8       | 6   | 8        | 3   | 2         | 1   |
| 161           | Other diseases peculiar to first year of life-----                      | 8,654        | 5,174     | 3,480  | 4,394  | 2,910  | 740    | 534   | 29     | 29  | 5       | 4   | 5        | 3   | 1         | -   |
| 162           | <b>XVI.—Senility</b>  | 9,209        | 4,147     | 5,062  | 3,452  | 4,303  | 662    | 724   | 27     | 34  | 1       | -   | 5        | -   | -         | 1   |
|               | <b>XVII.—Violent or accidental deaths</b>                               | 123,009      | 86,356    | 36,653 | 74,075 | 32,688 | 11,675 | 3,806 | 402    | 128 | 101     | 9   | 58       | 19  | 45        | 3   |
| 163,164       | Suicide-----  | 16,354       | 12,505    | 3,849  | 11,989 | 3,731  | 434    | 104   | 20     | 5   | 40      | 2   | 14       | 6   | 6         | 1   |
| 165           | Suicide by poisoning-----   | 3,630        | 2,251     | 1,379  | 2,186  | 1,545  | 56     | 31    | 1      | 1   | 3       | 1   | 3        | 1   | 2         | -   |
| 164           | Suicide by other means-----   | 12,524       | 10,254    | 2,270  | 9,803  | 2,186  | 378    | 73    | 19     | 4   | 37      | 1   | 11       | 5   | 6         | 1   |
| 165-169       | Homicide <sup>1</sup> -----   | 8,536        | 6,651     | 1,885  | 2,908  | 972    | 3,686  | 898   | 44     | 15  | 3       | -   | 3        | -   | 7         | -   |
| 166           | Homicide by firearms-----   | 4,894        | 3,936     | 958    | 1,778  | 533    | 2,135  | 422   | 16     | 3   | 1       | -   | -        | -   | 6         | -   |
| 167           | Homicide by cutting or piercing instruments-----                        | 2,074        | 1,638     | 436    | 382    | 108    | 1,243  | 324   | 9      | 4   | -       | -   | 3        | -   | 1         | -   |
| 168           | Homicide by other means-----  | 1,568        | 1,077     | 491    | 748    | 331    | 308    | 152   | 19     | 8   | 2       | -   | -        | -   | -         | -   |
| 169-195       | Accidental deaths-----  | 98,001       | 67,082    | 30,919 | 59,143 | 27,985 | 7,474  | 2,804 | 336    | 108 | 58      | 7   | 41       | 13  | 30        | 2   |
| 169           | Railway accidents (except collisions with motor vehicles)-----          | 2,502        | 2,259     | 243    | 1,904  | 199    | 326    | 42    | 25     | 2   | -       | -   | 3        | -   | 1         | -   |
| 170           | Motor-vehicle accidents-----  | 32,259       | 24,891    | 7,378  | 22,343 | 6,731  | 2,356  | 608   | 129    | 33  | 17      | -   | 18       | 5   | 18        | 1   |
| 170a          | Collisions between automobiles and trains-----                          | 1,474        | 1,106     | 368    | 1,033  | 349    | 68     | 18    | 1      | -   | -       | -   | 4        | 1   | -         | -   |
| 170b          | Collisions between automobiles and streetcars-----                      | 83           | 63        | 20     | 47     | 18     | 16     | 2     | -      | -   | -       | -   | -        | -   | -         | -   |
| 170c          | Automobile accidents (except collisions with trains or streetcars)----- | 29,915       | 23,000    | 6,915  | 20,578 | 6,280  | 2,246  | 587   | 127    | 33  | 17      | -   | 14       | 4   | 18        | 1   |
| 170d          | Motorcycle accidents (except collisions with automobiles)-----          | 787          | 712       | 75     | 685    | 74     | 26     | 1     | 1      | -   | -       | -   | -        | -   | -         | -   |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Includes figures for infanticide (165).

# GENERAL TABLES—DEATHS FROM EACH CAUSE

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**TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1948—Continued**

(Exclusive of stillbirths and of deaths among armed forces overseas)

| Int. List No. | CAUSE OF DEATH   | Total deaths  | ALL RACES     |              | WHITE        |              | NEGRO        |              | INDIAN     |            | CHINESE   |          | JAPANESE |          | ALL OTHER |          |
|---------------|--|---------------|---------------|--------------|--------------|--------------|--------------|--------------|------------|------------|-----------|----------|----------|----------|-----------|----------|
|               |  |               | Male          | Female       | M            | F            | M            | F            | M          | F          | M         | F        | M        | F        | M         | F        |
|               |  |               |               |              |              |              |              |              |            |            |           |          |          |          |           |          |
|               | <b>XVII.—Violent or accidental deaths—Continued</b>                        |               |               |              |              |              |              |              |            |            |           |          |          |          |           |          |
|               | <b>Accidental deaths—Continued</b>   |               |               |              |              |              |              |              |            |            |           |          |          |          |           |          |
| 171           | Streetcar and other road-transport accidents--                             | 484           | 380           | 104          | 319          | 94           | 56           | 10           | 5          | -          | 2         | -        | -        | -        | -         | -        |
| 171a          | Streetcar accidents (except collisions with trains or motor vehicles)----- | 325           | 250           | 75           | 215          | 69           | 32           | 6            | 1          | -          | 2         | -        | -        | -        | -         | -        |
| 171b          | Other and unspecified road-transport accidents-----                        | 159           | 130           | 29           | 104          | 25           | 24           | 4            | 2          | -          | -         | -        | -        | -        | -         | -        |
| 172           | Water-transport accidents-----   | 1,364         | 1,246         | 118          | 1,092        | 100          | 148          | 18           | 5          | -          | -         | -        | 1        | -        | -         | -        |
| 173           | Air-transport accidents-----   | 1,912         | 1,759         | 173          | 1,719        | 172          | 17           | 1            | 1          | -          | -         | -        | 2        | -        | -         | -        |
| 174           | Accidents in mines and quarries-----                                       | 1,348         | 1,358         | 10           | 1,230        | 10           | 106          | -            | 2          | -          | -         | -        | -        | -        | -         | -        |
| 175           | Agricultural and forestry accidents-----                                   | 2,294         | 2,154         | 140          | 1,948        | 130          | 181          | 9            | 22         | 1          | 1         | -        | 1        | -        | 1         | -        |
| 175a-c        | Agricultural accidents-----  | 1,866         | 1,751         | 135          | 1,573        | 127          | 140          | 7            | 15         | 1          | 1         | -        | 1        | -        | 1         | -        |
| 175a,e        | Forestry accidents-----  | 428           | 403           | 5            | 375          | 3            | 41           | 2            | 7          | -          | -         | -        | -        | -        | -         | -        |
| 176           | Other accidents involving machinery-----                                   | 1,240         | 1,205         | 35           | 1,054        | 33           | 148          | 2            | 3          | -          | -         | -        | -        | -        | -         | -        |
| 177           | Food poisoning-----  | 277           | 150           | 127          | 107          | 83           | 41           | 44           | 2          | -          | -         | -        | -        | -        | -         | -        |
| 178           | Accidental absorption of poisonous gas-----                                | 2,002         | 1,554         | 668          | 1,226        | 626          | 87           | 40           | 6          | 2          | 5         | -        | -        | -        | 1         | -        |
| 179           | Acute accidental poisoning by solids or liquids-----                       | 1,436         | 854           | 582          | 709          | 491          | 154          | 89           | 6          | 1          | 3         | 1        | 1        | -        | 1         | -        |
| 180           | Conflagration-----   | 3,075         | 1,872         | 1,203        | 1,392        | 808          | 466          | 388          | 12         | 6          | 1         | -        | -        | 1        | 1         | -        |
| 181           | Accidental burns (except conflagration)-----                               | 4,593         | 2,444         | 2,149        | 1,910        | 1,606        | 515          | 525          | 13         | 18         | 3         | 1        | 3        | 1        | -         | -        |
| 182           | Accidental mechanical suffocation-----                                     | 1,963         | 1,154         | 709          | 897          | 550          | 257          | 153          | 14         | 5          | 3         | 1        | 2        | -        | 1         | -        |
| 183           | Accidental drowning-----   | 5,299         | 4,514         | 785          | 3,706        | 662          | 765          | 93           | 27         | 8          | 8         | 1        | 5        | 2        | 3         | 1        |
| 184           | Accidental injury by firearms-----   | 2,270         | 1,988         | 282          | 1,587        | 204          | 388          | 76           | 13         | 2          | -         | -        | -        | -        | -         | -        |
| 185           | Accidental injury by cutting or piercing instruments-----                  | 268           | 199           | 69           | 149          | 41           | 48           | 27           | 2          | 1          | -         | -        | -        | -        | -         | -        |
| 186           | Accidental injury by fall or crushing-----                                 | 24,687        | 11,300        | 13,387       | 10,654       | 12,982       | 613          | 379          | 20         | 22         | 10        | 2        | 2        | 2        | 1         | -        |
| 186a          | Accidental injury by fall-----   | 24,266        | 10,913        | 13,353       | 10,320       | 12,955       | 561          | 372          | 20         | 22         | 9         | 2        | 2        | 2        | 1         | -        |
| 186b          | Accidental injury by crushing-----   | 421           | 387           | 34           | 334          | 27           | 52           | 7            | -          | -          | 1         | -        | -        | -        | -         | -        |
| 187           | Cataclysm, etc.*-----  | 243           | 147           | 96           | 129          | 79           | 17           | 16           | -          | -          | -         | 1        | 1        | -        | -         | -        |
| 188           | Injury by animals (except in agriculture and forestry)-----                | 95            | 74            | 21           | 64           | 17           | 9            | 4            | 1          | -          | -         | -        | -        | -        | -         | -        |
| 189           | Hunger or thirst-----  | 35            | 17            | 18           | 13           | 12           | 3            | 5            | 1          | 1          | -         | -        | -        | -        | -         | -        |
| 190           | Excessive cold-----  | 345           | 261           | 64           | 208          | 36           | 67           | 26           | 5          | 2          | 1         | -        | -        | -        | -         | -        |
| 191           | Excessive heat-----  | 392           | 285           | 107          | 223          | 87           | 61           | 20           | -          | -          | 1         | -        | -        | -        | -         | -        |
| 192           | Lightning-----   | 256           | 209           | 47           | 166          | 34           | 42           | 13           | 1          | -          | -         | -        | -        | -        | -         | -        |
| 193           | Accidents due to electric currents (except lightning)-----                 | 871           | 815           | 56           | 764          | 54           | 49           | 2            | 2          | -          | -         | -        | -        | -        | -         | -        |
| 194           | Poisoning by venomous animals (except in agriculture and forestry)*-----   | 40            | 30            | 10           | 25           | 6            | 4            | 4            | 1          | -          | -         | -        | -        | -        | -         | -        |
| 195           | Other accidents-----   | 6,551         | 4,213         | 2,338        | 3,606        | 2,118        | 580          | 210          | 20         | 8          | 3         | 1        | 2        | 1        | 2         | -        |
| 195a          | Sequelae of preventive immunization, etc.*-----                            | 10            | 6             | 4            | 6            | 3            | -            | 1            | -          | -          | -         | -        | -        | -        | -         | -        |
| 195b          | Other accidents due to medical or surgical intervention-----               | 49            | 23            | 25           | 16           | 19           | 7            | 5            | -          | 1          | -         | -        | -        | -        | -         | -        |
| 195d          | Obstruction, suffocation, etc.*-----                                       | 1,299         | 783           | 516          | 664          | 436          | 115          | 78           | 4          | 1          | -         | 1        | -        | -        | -         | -        |
| 195c,e        | Other and unspecified accidents-----                                       | 5,194         | 3,401         | 1,793        | 2,920        | 1,660        | 458          | 128          | 16         | 6          | 3         | -        | 2        | 1        | 2         | -        |
| 196           | Deaths of military personnel during operations of war-----                 | -             | -             | -            | -            | -            | -            | -            | -          | -          | -         | -        | -        | -        | -         | -        |
| 197           | Deaths of civilians due to operations of war-----                          | -             | -             | -            | -            | -            | -            | -            | -          | -          | -         | -        | -        | -        | -         | -        |
| 198           | Legal executions-----  | 118           | 118           | -            | 35           | -            | 81           | -            | 2          | -          | -         | -        | -        | -        | -         | -        |
|               | <b>XVIII.—Ill-defined and unknown causes--</b>                             | <b>18,062</b> | <b>11,135</b> | <b>6,947</b> | <b>7,037</b> | <b>3,627</b> | <b>3,876</b> | <b>3,124</b> | <b>187</b> | <b>193</b> | <b>17</b> | <b>2</b> | <b>2</b> | <b>1</b> | <b>16</b> | <b>-</b> |
| 199           | Sudden death-----  | 1,115         | 746           | 369          | 511          | 195          | 226          | 169          | 7          | 5          | 1         | -        | -        | -        | 1         | -        |
| 200           | Ill-defined and unknown causes-----  | 16,967        | 10,389        | 6,578        | 6,526        | 3,432        | 3,650        | 2,955        | 180        | 188        | 16        | 2        | 2        | 1        | 15        | -        |
| 200a          | Ill-defined causes-----  | 7,958         | 5,176         | 2,782        | 3,852        | 1,863        | 1,268        | 881          | 42         | 36         | 8         | 1        | 2        | 1        | 4         | -        |
| 200b,c        | Unknown or unspecified causes-----   | 9,009         | 5,213         | 3,796        | 2,674        | 1,569        | 2,382        | 2,074        | 138        | 152        | 8         | 1        | -        | -        | 11        | -        |

\*Refer to International List for complete title, table IX.

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM SELECTED CAUSES:  
(By place of occurrence. Exclusive of stillbirths and of deaths among armed forces)

| AREA                        | Total deaths | Typhoid and paratyphoid fever | Cerebrospinal (meningococcus) meningitis | Scarlet fever | Whooping cough | Diphtheria | Tuberculosis (all forms) | Dysentery | Malaria | Syphilis | Measles | Poliomyelitis, poli-encephalitis (acute) | Cancer and other malignant tumors | Acute rheumatic fever | Diabetes mellitus |
|-----------------------------|--------------|-------------------------------|--|---------------|----------------|------------|--------------------------|-----------|---------|----------|---------|--|-----------------------------------|-----------------------|-------------------|
|                             |              | 1, 2                          | 6  | 8             | 9              | 10         | 13-22                    | 27        | 28      | 30       | 35      | 36                                       | 45-55                             | 58                    | 61                |
| 1 UNITED STATES-----        | 1,444,337    | 233                           | 873                                      | 66            | 1,146          | 654        | 45,835                   | 1,078     | 170     | 11,616   | 688     | 1,896                                    | 197,042                           | 827                   | 38,638            |
| 2 Alabama-----              | 26,356       | 5                             | 29                                       | 3             | 59             | 38         | 1,009                    | 27        | 15      | 295      | 14      | 16                                       | 2,604                             | 36                    | 410               |
| 3 Arizona-----              | 7,122        | 5                             | 3  | -             | 21             | 6          | 673                      | 21        | -       | 68       | 22      | 18                                       | 612                               | 3                     | 107               |
| 4 Arkansas-----             | 14,954       | 8                             | 7  | 1             | 34             | 11         | 681                      | 14        | 21      | 149      | 19      | 12                                       | 1,632                             | 13                    | 232               |
| 5 California-----           | 99,320       | 11                            | 62                                       | 1             | 25             | 47         | 3,309                    | 39        | 1       | 873      | 44      | 355                                      | 14,156                            | 27                    | 2,207             |
| 6 Colorado-----             | 12,824       | 1                             | 11                                       | 3             | 23             | 8          | 420                      | 10        | -       | 102      | 7       | 12                                       | 1,607                             | 6                     | 245               |
| 7 Connecticut-----          | 19,419       | 1                             | 8  | -             | -              | 3          | 516                      | 2         | -       | 127      | 2       | 2  | 3,401                             | 4                     | 654               |
| 8 Delaware-----             | 3,486        | 3                             | 3  | -             | 2              | 1          | 117                      | 1         | -       | 29       | -       | 4  | 443                               | 2                     | 116               |
| 9 District of Columbia----- | 8,388        | 3                             | 4  | -             | 1              | 3          | 328                      | 1         | -       | 119      | 4       | 8  | 1,294                             | 4                     | 236               |
| 10 Florida-----             | 25,881       | 5                             | 11                                       | 1             | 21             | 15         | 727                      | 19        | 12      | 272      | 7       | 18                                       | 3,029                             | 17                    | 530               |
| 11 Georgia-----             | 29,584       | 9                             | 18                                       | 1             | 42             | 28         | 970                      | 51        | 5       | 279      | 9       | 8  | 2,969                             | 31                    | 461               |
| 12 Idaho-----               | 4,783        | -                             | 6  | -             | 3              | 3          | 65                       | 1         | -       | 19       | 3       | 5  | 528                               | 3                     | 104               |
| 13 Illinois-----            | 89,908       | 5                             | 54                                       | -             | 26             | 10         | 2,613                    | 16        | 5       | 604      | 64      | 66                                       | 13,670                            | 42                    | 2,788             |
| 14 Indiana-----             | 39,372       | 4                             | 34                                       | 2             | 22             | 18         | 898                      | 10        | 2       | 312      | 35      | 28                                       | 5,206                             | 25                    | 1,022             |
| 15 Iowa-----                | 26,150       | 3                             | 20                                       | 1             | 4              | 2          | 239                      | 4         | 1       | 144      | 26      | 80                                       | 3,897                             | 11                    | 746               |
| 16 Kansas-----              | 18,648       | 2                             | 13                                       | 2             | 13             | 2          | 242                      | 1         | -       | 128      | 1       | 26                                       | 2,589                             | 9                     | 426               |
| 17 Kentucky-----            | 27,753       | 10                            | 31                                       | 2             | 57             | 28         | 1,281                    | 67        | 2       | 187      | 39      | 11                                       | 3,059                             | 19                    | 459               |
| 18 Louisiana-----           | 23,894       | 12                            | 25                                       | 2             | 38             | 18         | 993                      | 12        | 17      | 402      | 14      | 16                                       | 2,823                             | 15                    | 461               |
| 19 Maine-----               | 9,981        | -                             | 4  | 3             | 5              | 3          | 191                      | 2         | -       | 45       | 6       | 1  | 1,452                             | 3                     | 243               |
| 20 Maryland-----            | 22,904       | 5                             | 8  | -             | 6              | 9          | 1,107                    | 4         | -       | 273      | 7       | 7  | 3,087                             | 13                    | 667               |
| 21 Massachusetts-----       | 52,712       | 4                             | 24                                       | 1             | 13             | 27         | 1,390                    | 25        | 3       | 258      | 19      | 5  | 8,587                             | 15                    | 1,730             |
| 22 Michigan-----            | 56,551       | 4                             | 32                                       | 1             | 9              | 8          | 1,571                    | 17        | 2       | 503      | 43      | 55                                       | 7,966                             | 23                    | 1,765             |
| 23 Minnesota-----           | 27,858       | 4                             | 12                                       | 3             | 14             | 15         | 507                      | 2         | -       | 135      | 11      | 93                                       | 4,486                             | 13                    | 765               |
| 24 Mississippi-----         | 20,043       | 2                             | 18                                       | 1             | 29             | 14         | 633                      | 31        | 13      | 204      | 27      | 7  | 1,822                             | 24                    | 310               |
| 25 Missouri-----            | 42,892       | 12                            | 18                                       | 2             | 35             | 9          | 1,046                    | 23        | 3       | 360      | 31      | 32                                       | 6,198                             | 22                    | 990               |
| 26 Montana-----             | 5,049        | -                             | 2  | -             | 6              | 3          | 133                      | 1         | -       | 39       | 13      | 7  | 711                               | 2                     | 120               |
| 27 Nebraska-----            | 12,541       | 1                             | 4  | 1             | 8              | 2          | 166                      | 1         | -       | 69       | 12      | 31                                       | 1,943                             | 4                     | 374               |
| 28 Nevada-----              | 1,680        | -                             | 1  | -             | -              | -          | 56                       | 1         | -       | 15       | -       | 1  | 181                               | 1                     | 23                |
| 29 New Hampshire-----       | 6,197        | -                             | 2  | 1             | 3              | -          | 67                       | -         | -       | 46       | 2       | 2  | 958                               | -                     | 166               |
| 30 New Jersey-----          | 47,512       | 5                             | 20                                       | 2             | 6              | 4          | 1,358                    | 5         | 1       | 337      | 18      | 40                                       | 7,459                             | 30                    | 1,549             |
| 31 New Mexico-----          | 5,711        | 3                             | 3  | -             | 44             | 9          | 312                      | 39        | -       | 58       | 8       | 6  | 450                               | 10                    | 55                |
| 32 New York-----            | 157,766      | 6                             | 61                                       | 2             | 30             | 10         | 5,159                    | 15        | 2       | 1,194    | 48      | 53                                       | 25,621                            | 81                    | 6,207             |
| 33 North Carolina-----      | 30,147       | 7                             | 21                                       | 1             | 44             | 31         | 999                      | 18        | 1       | 199      | 6       | 146                                      | 2,614                             | 30                    | 576               |
| 34 North Dakota-----        | 5,045        | -                             | 7  | 2             | 2              | 6          | 56                       | 1         | 1       | 20       | 7       | 9  | 619                               | 3                     | 169               |
| 35 Ohio-----                | 80,566       | 11                            | 66                                       | 4             | 53             | 25         | 2,133                    | 21        | 2       | 802      | 61      | 86                                       | 11,303                            | 43                    | 2,321             |
| 36 Oklahoma-----            | 18,591       | 5                             | 9  | -             | 44             | 15         | 587                      | 27        | 6       | 158      | 9       | 33                                       | 2,412                             | 9                     | 389               |
| 37 Oregon-----              | 14,191       | -                             | 3  | -             | 5              | 5          | 236                      | 2         | -       | 100      | 3       | 12                                       | 1,979                             | 7                     | 282               |
| 38 Pennsylvania-----        | 108,888      | 14                            | 55                                       | 8             | 47             | 15         | 3,083                    | 6         | 3       | 770      | 24      | 47                                       | 15,663                            | 107                   | 3,554             |
| 39 Rhode Island-----        | 8,125        | -                             | 2  | 1             | -              | 1          | 200                      | 2         | -       | 45       | 1       | -  | 1,177                             | 1                     | 331               |
| 40 South Carolina-----      | 17,917       | 17                            | 13                                       | 2             | 75             | 42         | 543                      | 12        | 12      | 226      | 3       | 17                                       | 1,486                             | 16                    | 310               |
| 41 South Dakota-----        | 5,711        | -                             | 1  | -             | 8              | -          | 122                      | -         | -       | 31       | 5       | 99                                       | 686                               | 4                     | 166               |
| 42 Tennessee-----           | 29,774       | 11                            | 29                                       | 8             | 46             | 24         | 1,478                    | 29        | 8       | 235      | 21      | 32                                       | 3,207                             | 49                    | 447               |
| 43 Texas-----               | 64,077       | 30                            | 34                                       | 1             | 117            | 61         | 2,600                    | 459       | 27      | 591      | 86      | 191                                      | 6,943                             | 44                    | 1,081             |
| 44 Utah-----                | 5,193        | 1                             | 7  | 1             | 4              | 3          | 63                       | 5         | -       | 30       | 2       | 14                                       | 594                               | 9                     | 125               |
| 45 Vermont-----             | 4,045        | -                             | 4  | -             | 3              | -          | 114                      | 1         | -       | 15       | -       | -  | 585                               | 5                     | 108               |
| 46 Virginia-----            | 28,907       | 8                             | 27                                       | 1             | 40             | 17         | 1,061                    | 12        | -       | 279      | 16      | 28                                       | 2,999                             | 43                    | 643               |
| 47 Washington-----          | 22,294       | 1                             | 3  | -             | 4              | 10         | 612                      | 4         | 2       | 131      | 9       | 44                                       | 3,021                             | 10                    | 484               |
| 48 West Virginia-----       | 17,751       | 5                             | 29                                       | 3             | 38             | 21         | 832                      | 15        | 1       | 167      | 32      | 14                                       | 1,903                             | 20                    | 380               |
| 49 Wisconsin-----           | 32,703       | -                             | 12                                       | -             | 14             | 3          | 505                      | 4         | 2       | 150      | 15      | 90                                       | 4,975                             | 17                    | 1,061             |
| 50 Wyoming-----             | 2,393        | -                             | 3  | -             | 3              | 1          | 32                       | -         | -       | 22       | 11      | 8  | 237                               | 2                     | 43                |

# GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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## UNITED STATES AND EACH STATE, 1948

overseas. Numbers under causes of death are International List numbers, 1938 revision)

| Pellagra<br>(except<br>alco-<br>holic) | Intra-<br>cranial<br>lesions<br>of vas-<br>cular<br>origin | Diseases<br>of the<br>heart | Pneumonia<br>(all<br>forms)<br>and in-<br>fluenza | Diarrhea,<br>enteri-<br>tis, and<br>ulcera-<br>tion of in-<br>tes-<br>tines | Nephritis | Diseases of<br>pregnancy,<br>childbirth,<br>and the<br>puerperium | Congeni-<br>tal<br>malfor-<br>mations | Premature<br>birth | Other<br>diseases<br>peculiar<br>to early<br>infancy | Suicide | Homi-<br>cides | Motor-<br>vehicle<br>accidents | Other<br>accidents | Sensility,<br>ill-<br>defined<br>and<br>unknown<br>causes | All<br>other<br>causes |    |
|--|--|-----------------------------|---|---|-----------|---|---------------------------------------|--------------------|--|---------|----------------|--------------------------------|--------------------|---|------------------------|----|
| 69                                     | 83   | 90-95                       | 107-<br>109,35                                    | 119,120   | 150-152   | 140-150   | 157                                   | 159                | 158,<br>160,161                                      | 165,164 | 165-168        | 170                            | 169,<br>171-195    | 162,<br>199,200   |                        |    |
| 606                                    | 151,056  | 471,469                     | 56,425  | 8,851   | 77,377    | 4,122   | 19,246                                | 39,085             | 22,458   | 16,354  | 8,536          | 32,259                         | 65,742             | 27,291  | 164,391                | 1  |
| 70                                     | 2,687  | 6,439                       | 1,441   | 175   | 2,004     | 189   | 339                                   | 1,071              | 542  | 190     | 451            | 720                            | 1,224              | 1,844   | 2,410                  | 2  |
| 2                                      | 411  | 1,591                       | 444   | 236   | 243       | 29  | 117                                   | 241                | 170  | 103     | 55             | 309                            | 441                | 288   | 863                    | 3  |
| 16                                     | 1,522  | 3,911                       | 823   | 93  | 1,024     | 100   | 166                                   | 373                | 215  | 124     | 145            | 378                            | 807                | 747   | 1,606                  | 4  |
| 13                                     | 7,771  | 33,914                      | 4,052   | 543   | 3,821     | 205   | 1,367                                 | 2,482              | 1,567  | 1,794   | 470            | 2,957                          | 4,042              | 606   | 12,559                 | 5  |
| 2                                      | 1,010  | 3,833                       | 687   | 173   | 718       | 31  | 217                                   | 369                | 276  | 196     | 59             | 357                            | 769                | 145   | 1,727                  | 6  |
| -                                      | 1,687  | 7,133                       | 475   | 46  | 827       | 25  | 271                                   | 370                | 241  | 243     | 35             | 270                            | 795                | 137   | 2,144                  | 7  |
| -                                      | 264  | 1,160                       | 121   | 9   | 297       | 8   | 27                                    | 86                 | 40   | 51      | 18             | 83                             | 146                | 40  | 395                    | 8  |
| -                                      | 586  | 2,464                       | 279   | 22  | 708       | 25  | 120                                   | 260                | 169  | 98      | 89             | 69                             | 407                | 20  | 1,065                  | 9  |
| 27                                     | 2,572  | 7,858                       | 901   | 132   | 1,541     | 117   | 293                                   | 784                | 429  | 342     | 379            | 731                            | 1,307              | 979   | 3,005                  | 10 |
| 83                                     | 3,544  | 7,298                       | 1,489   | 247   | 2,483     | 202   | 368                                   | 1,039              | 590  | 280     | 534            | 796                            | 1,347              | 1,081   | 3,323                  | 11 |
| 1                                      | 444  | 1,411                       | 176   | 21  | 263       | 10  | 81                                    | 161                | 109  | 89      | 19             | 206                            | 372                | 136   | 534                    | 12 |
| 5                                      | 7,138  | 33,806                      | 2,710   | 245   | 5,054     | 155   | 1,069                                 | 1,906              | 1,075  | 875     | 486            | 1,916                          | 3,680              | 296   | 9,508                  | 13 |
| 4                                      | 4,203  | 12,347                      | 1,390   | 216   | 2,820     | 93  | 534                                   | 1,001              | 505  | 507     | 163            | 1,113                          | 1,913              | 295   | 4,650                  | 14 |
| 1                                      | 2,992  | 8,577                       | 907   | 100   | 1,313     | 46  | 377                                   | 595                | 386  | 359     | 36             | 622                            | 1,350              | 285   | 3,024                  | 15 |
| 4                                      | 2,122  | 6,014                       | 561   | 86  | 1,193     | 39  | 222                                   | 381                | 272  | 205     | 62             | 521                            | 969                | 277   | 2,247                  | 16 |
| 14                                     | 2,762  | 7,797                       | 1,517   | 422   | 1,732     | 111   | 394                                   | 832                | 532  | 274     | 316            | 724                            | 1,394              | 640   | 3,040                  | 17 |
| 15                                     | 1,968  | 7,356                       | 1,306   | 158   | 1,419     | 120   | 327                                   | 859                | 551  | 157     | 228            | 521                            | 1,143              | 425   | 2,392                  | 18 |
| -                                      | 1,089  | 3,401                       | 424   | 49  | 552       | 17  | 133                                   | 192                | 162  | 120     | 15             | 181                            | 420                | 161   | 1,125                  | 19 |
| 4                                      | 1,700  | 7,770                       | 744   | 66  | 1,685     | 45  | 347                                   | 550                | 317  | 322     | 177            | 423                            | 974                | 93  | 2,496                  | 20 |
| 2                                      | 4,868  | 20,329                      | 1,849   | 161   | 1,955     | 74  | 670                                   | 1,007              | 586  | 470     | 63             | 461                            | 2,115              | 158   | 5,813                  | 21 |
| 6                                      | 5,245  | 18,727                      | 1,916   | 333   | 2,474     | 117   | 950                                   | 1,827              | 840  | 640     | 206            | 1,540                          | 2,467              | 585   | 6,707                  | 22 |
| 2                                      | 2,951  | 8,925                       | 1,097   | 75  | 822       | 48  | 443                                   | 720                | 455  | 242     | 52             | 580                            | 1,264              | 282   | 3,652                  | 23 |
| 29                                     | 1,974  | 4,337                       | 957   | 130   | 1,635     | 172   | 196                                   | 685                | 419  | 122     | 323            | 467                            | 975                | 2,592   | 1,895                  | 24 |
| 3                                      | 4,316  | 14,136                      | 1,829   | 203   | 2,809     | 87  | 497                                   | 847                | 599  | 429     | 239            | 829                            | 1,840              | 568   | 4,860                  | 25 |
| -                                      | 582  | 1,794                       | 196   | 31  | 242       | 14  | 58                                    | 162                | 99   | 89      | 16             | 172                            | 420                | 215   | 722                    | 26 |
| -                                      | 1,310  | 3,629                       | 433   | 44  | 653       | 22  | 189                                   | 361                | 165  | 172     | 32             | 275                            | 661                | 257   | 1,342                  | 27 |
| 1                                      | 110  | 492                         | 77  | 2   | 64        | 6   | 24                                    | 60                 | 29   | 55      | 19             | 94                             | 133                | 39  | 196                    | 28 |
| -                                      | 619  | 2,300                       | 240   | 18  | 271       | 15  | 80                                    | 139                | 68   | 82      | 5              | 90                             | 224                | 74  | 725                    | 29 |
| 1                                      | 4,072  | 17,595                      | 1,328   | 87  | 2,537     | 70  | 495                                   | 1,012              | 555  | 606     | 127            | 623                            | 1,838              | 224   | 5,511                  | 30 |
| 4                                      | 277  | 963                         | 395   | 275   | 202       | 43  | 100                                   | 323                | 166  | 50      | 44             | 275                            | 342                | 674   | 581                    | 31 |
| 5                                      | 10,827   | 61,397                      | 5,278   | 388   | 5,748     | 258   | 1,822                                 | 3,281              | 1,754  | 1,591   | 431            | 1,868                          | 6,253              | 705   | 17,656                 | 32 |
| 40                                     | 3,359  | 8,058                       | 1,463   | 227   | 2,430     | 206   | 510                                   | 1,307              | 701  | 320     | 420            | 813                            | 1,411              | 914   | 3,075                  | 33 |
| -                                      | 519  | 1,520                       | 164   | 34  | 235       | 17  | 76                                    | 183                | 113  | 47      | 5              | 109                            | 327                | 153   | 641                    | 34 |
| 3                                      | 8,176  | 26,330                      | 2,828   | 483   | 4,348     | 184   | 1,075                                 | 1,945              | 1,242  | 977     | 358            | 1,950                          | 3,454              | 996   | 9,306                  | 35 |
| 37                                     | 2,001  | 5,083                       | 816   | 117   | 1,006     | 54  | 252                                   | 609                | 318  | 162     | 109            | 480                            | 959                | 715   | 2,170                  | 36 |
| 1                                      | 1,386  | 4,284                       | 530   | 33  | 948       | 15  | 208                                   | 334                | 211  | 216     | 56             | 440                            | 910                | 339   | 1,846                  | 37 |
| 5                                      | 9,160  | 39,070                      | 3,744   | 368   | 6,375     | 227   | 1,319                                 | 2,362              | 1,376  | 1,136   | 298            | 1,768                          | 4,414              | 1,170   | 12,691                 | 38 |
| -                                      | 700  | 3,151                       | 225   | 22  | 457       | 21  | 105                                   | 181                | 94   | 51      | 19             | 82                             | 315                | 31  | 929                    | 39 |
| 33                                     | 1,968  | 4,602                       | 995   | 142   | 1,505     | 139   | 224                                   | 694                | 404  | 104     | 251            | 532                            | 828                | 894   | 1,808                  | 40 |
| -                                      | 617  | 1,644                       | 224   | 21  | 222       | 16  | 95                                    | 193                | 89   | 66      | 12             | 155                            | 338                | 162   | 735                    | 41 |
| 46                                     | 3,058  | 7,601                       | 1,623   | 229   | 1,764     | 146   | 429                                   | 1,044              | 622  | 285     | 375            | 693                            | 1,172              | 1,970   | 3,113                  | 42 |
| 96                                     | 5,336  | 16,242                      | 3,324   | 1,798   | 3,071     | 301   | 960                                   | 2,592              | 1,296  | 624     | 753            | 1,978                          | 3,204              | 2,770   | 7,477                  | 43 |
| -                                      | 396  | 1,626                       | 193   | 25  | 221       | 14  | 97                                    | 212                | 153  | 37      | 14             | 236                            | 317                | 179   | 613                    | 44 |
| 3                                      | 363  | 1,415                       | 144   | 7   | 190       | 8   | 60                                    | 86                 | 54   | 50      | 3              | 82                             | 189                | 28  | 518                    | 45 |
| 23                                     | 3,146  | 8,300                       | 1,285   | 183   | 1,960     | 112   | 423                                   | 1,109              | 609  | 338     | 309            | 748                            | 1,392              | 554   | 3,242                  | 46 |
| 2                                      | 2,145  | 7,343                       | 868   | 49  | 957       | 33  | 297                                   | 593                | 361  | 330     | 74             | 560                            | 1,291              | 511   | 2,545                  | 47 |
| -                                      | 1,673  | 4,726                       | 673   | 191   | 948       | 64  | 324                                   | 680                | 399  | 198     | 144            | 441                            | 1,235              | 675   | 1,870                  | 48 |
| 2                                      | 3,233  | 11,281                      | 965   | 113   | 1,487     | 85  | 485                                   | 783                | 486  | 408     | 28             | 843                            | 1,597              | 357   | 3,725                  | 49 |
| -                                      | 175  | 691                         | 118   | 13  | 133       | 8   | 35                                    | 102                | 47   | 40      | 14             | 156                            | 191                | 45  | 283                    | 50 |

TABLE 7.—DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS

(Exclusive of stillbirths and of deaths among armed forces overseas. Numbers

| CAUSE OF DEATH  | Total deaths | Deaths not in institutions | Deaths in institutions | TYPE OF SERVICE          |                   |
|---|--------------|----------------------------|------------------------|--------------------------|-------------------|
|   |              |                            |                        | Nonresident institutions |                   |
|   |              |                            |                        | Total                    | General hospitals |
| 1 ALL CAUSES-----   | 1,444,337    | 749,995                    | 694,342                | 593,411                  | 551,824           |
| 2 Typhoid and paratyphoid fever-----1,2   | 235          | 63                         | 170                    | 164                      | 161               |
| 3 Cerebrospinal (meningococcus) meningitis-----6                                | 873          | 145                        | 728                    | 714                      | 635               |
| 4 Scarlet fever-----8   | 68           | 34                         | 34                     | 31                       | 27                |
| 5 Whooping cough-----9  | 1,146        | 690                        | 456                    | 443                      | 402               |
| 6 Diphtheria-----10   | 634          | 206                        | 428                    | 411                      | 369               |
| 7 Tuberculosis (all forms)-----13-22  | 43,833       | 13,480                     | 30,353                 | 25,995                   | 13,183            |
| 8 Tuberculosis of respiratory system, etc.*-----13                              | 40,420       | 12,702                     | 27,718                 | 23,515                   | 11,096            |
| 9 Tuberculosis (other forms)-----14-22  | 3,413        | 778                        | 2,635                  | 2,480                    | 2,087             |
| 10 Dysentery-----27   | 1,078        | 638                        | 440                    | 354                      | 347               |
| 11 Malaria-----28   | 170          | 123                        | 47                     | 39                       | 39                |
| 12 Syphilis-----30  | 11,616       | 3,132                      | 8,484                  | 4,898                    | 4,648             |
| 13 Measles-----35   | 888          | 466                        | 422                    | 361                      | 313               |
| 14 Poliomyelitis, polioencephalitis (acute)-----36                              | 1,895        | 171                        | 1,724                  | 1,694                    | 1,412             |
| 15 Cancer and other malignant tumors-----45-55                                  | 197,042      | 97,289                     | 99,753                 | 89,522                   | 84,354            |
| 16 Cancer of the digestive organs and peritoneum-----46                         | 85,056       | 41,730                     | 43,326                 | 39,174                   | 37,397            |
| 17 Cancer of female genital organs-----48,49                                    | 23,262       | 12,479                     | 10,783                 | 9,600                    | 8,977             |
| 18 Cancer of the breast-----50  | 19,162       | 10,994                     | 8,169                  | 6,976                    | 6,369             |
| 19 Cancer (other sites)-----45,47,51-55   | 69,562       | 32,086                     | 37,476                 | 33,772                   | 31,611            |
| 20 Acute rheumatic fever-----58   | 927          | 396                        | 531                    | 517                      | 466               |
| 21 Diabetes mellitus-----61   | 38,638       | 17,599                     | 21,039                 | 18,991                   | 18,324            |
| 22 Exophthalmic goiter-----63b  | 1,976        | 947                        | 1,029                  | 951                      | 940               |
| 23 Pellagra (except alcoholic)-----68   | 606          | 446                        | 160                    | 123                      | 118               |
| 24 Alcoholism (ethylic)-----77  | 2,433        | 1,668                      | 765                    | 654                      | 563               |
| 25 Intracranial lesions of vascular origin-----83                               | 131,036      | 74,788                     | 56,248                 | 45,579                   | 42,783            |
| 26 Diseases of the heart-----90-95  | 471,469      | 302,541                    | 168,928                | 131,691                  | 124,638           |
| 27 Chronic rheumatic diseases of the heart-----90a, 92b, c, 93c, 95b            | 23,287       | 12,755                     | 10,532                 | 9,495                    | 9,139             |
| 28 Diseases of coronary arteries and angina pectoris-----94                     | 160,520      | 115,523                    | 44,997                 | 39,142                   | 37,856            |
| 29 Diseases of heart (other forms)-----90b, 91, 92a, d, e, 93a, b, d, e, 95a, c | 287,662      | 174,263                    | 113,399                | 83,054                   | 77,541            |
| 30 Arteriosclerosis and high blood pressure*-----97, 102                        | 27,565       | 15,096                     | 12,469                 | 6,460                    | 5,449             |
| 31 Pneumonia (all forms) and influenza-----107-109, 33                          | 56,493       | 25,786                     | 30,707                 | 24,979                   | 23,535            |
| 32 Bronchopneumonia-----107   | 27,722       | 11,379                     | 16,343                 | 12,623                   | 11,612            |
| 33 Lobar pneumonia-----109  | 18,028       | 7,763                      | 10,265                 | 8,800                    | 8,529             |
| 34 Pneumonia (unspecified)-----109  | 5,675        | 3,019                      | 2,656                  | 2,381                    | 2,269             |
| 35 Influenza-----33   | 5,068        | 3,625                      | 1,443                  | 1,175                    | 1,125             |
| 36 Ulcer of stomach or duodenum-----117   | 8,708        | 1,965                      | 6,743                  | 6,406                    | 6,322             |
| 37 Diarrhea, enteritis, etc.*-----119, 120                                      | 8,931        | 3,567                      | 5,464                  | 5,194                    | 4,785             |
| 38 Appendicitis-----121   | 4,171        | 336                        | 3,835                  | 3,738                    | 3,705             |
| 39 Hernia and intestinal obstruction-----122                                    | 10,099       | 1,726                      | 8,373                  | 7,903                    | 7,792             |
| 40 Cirrhosis of the liver-----124   | 16,512       | 6,105                      | 10,407                 | 9,776                    | 9,546             |
| 41 Biliary calculi, etc.*-----126, 127  | 6,248        | 1,093                      | 5,155                  | 5,000                    | 4,943             |
| 42 Nephritis-----130-132  | 77,377       | 44,419                     | 32,958                 | 27,902                   | 26,551            |
| 43 Diseases of the prostate-----137   | 6,790        | 1,651                      | 5,139                  | 4,882                    | 4,822             |
| 44 Diseases of pregnancy, etc.*-----140-150                                     | 4,122        | 943                        | 3,179                  | 3,091                    | 3,016             |
| 45 Puerperal septicemia-----140, 142a, 145A, 147                                | 1,209        | 285                        | 924                    | 900                      | 878               |
| 46 Puerperal toxemia-----141a, c, 144, 148                                      | 1,164        | 216                        | 948                    | 918                      | 900               |
| 47 Hemorrhage, trauma or shock*-----141b, 142b, 145, 146, 149                   | 1,345        | 284                        | 1,061                  | 1,035                    | 1,008             |
| 48 Other puerperal causes-----141d, e, f, 145B, 150                             | 404          | 158                        | 246                    | 238                      | 230               |
| 49 Congenital malformations-----157   | 19,246       | 4,507                      | 14,739                 | 14,160                   | 12,804            |
| 50 Diseases peculiar to first year of life-----159-161                          | 61,543       | 6,929                      | 52,614                 | 51,745                   | 49,432            |
| 51 Premature birth-----159  | 39,085       | 5,385                      | 33,700                 | 33,092                   | 31,685            |
| 52 Other diseases peculiar to first year of life-----158, 160, 161              | 22,458       | 3,544                      | 18,914                 | 18,653                   | 17,747            |
| 53 Suicide-----163, 164   | 16,354       | 12,990                     | 3,374                  | 3,004                    | 2,805             |
| 54 Homicide-----165-168   | 8,536        | 5,432                      | 3,104                  | 2,995                    | 2,931             |
| 55 Accidental deaths-----169-195  | 98,001       | 46,976                     | 49,025                 | 45,605                   | 44,730            |
| 56 Motor-vehicle accidents-----170  | 32,259       | 15,975                     | 16,284                 | 15,984                   | 15,846            |
| 57 Other accidents-----169, 171-195   | 65,742       | 33,001                     | 32,741                 | 29,621                   | 28,884            |
| 58 Senility, ill-defined and unknown causes-----162, 199, 200                   | 27,291       | 22,548                     | 4,743                  | 3,040                    | 2,751             |
| 59 All other causes-----  | 79,889       | 29,314                     | 50,575                 | 44,409                   | 42,164            |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM SELECTED CAUSES

121

## BY TYPE OF SERVICE: UNITED STATES, 1948

after causes of death are International List numbers, 1938 revision)

| TYPE OF SERVICE—Continued          |                      |                        |   |                           |                                |                       |                     |                             |            |    |
|------------------------------------|----------------------|------------------------|---|---------------------------|--------------------------------|-----------------------|---------------------|-----------------------------|------------|----|
| Nonresident institutions—Continued |                      |                        |   |                           |                                | Resident institutions |                     |                             | Not stated |    |
| Maternity hospitals                | Children's hospitals | Tuberculosis hospitals | Special and other nonresident hospitals | Convalescent, etc., homes | Other nonresident institutions | Total                 | Mental institutions | Other resident institutions | Not stated |    |
| 2,245                              | 3,759                | 14,063                 | 9,446                                   | 12,255                    | 818                            | 82,518                | 46,506              | 36,012                      | 18,413     | 1  |
| 1                                  | .1                   | -                      | -                                       | 1                         | -                              | 6                     | 5                   | 1                           | -          | 2  |
| 1                                  | 42                   | 2                      | 32                                      | -                         | 2                              | 9                     | 9                   | -                           | 5          | 3  |
| -                                  | -                    | -                      | 4                                       | -                         | -                              | 3                     | 3                   | -                           | -          | 4  |
| -                                  | 20                   | 3                      | 18                                      | -                         | -                              | 2                     | 2                   | -                           | 11         | 5  |
| -                                  | 8                    | 1                      | 13                                      | -                         | -                              | 9                     | 9                   | -                           | 8          | 6  |
| 8                                  | 100                  | 12,283                 | 306                                     | 104                       | 11                             | 4,112                 | 3,651               | 461                         | 246        | 7  |
| 5                                  | 23                   | 12,019                 | 259                                     | 102                       | 11                             | 3,970                 | 3,546               | 424                         | 233        | 8  |
| 3                                  | 77                   | 264                    | 47                                      | 2                         | -                              | 142                   | 105                 | 37                          | 13         | 9  |
| -                                  | 3                    | -                      | 3                                       | 1                         | -                              | 76                    | 72                  | 4                           | 10         | 10 |
| -                                  | -                    | -                      | -                                       | -                         | -                              | 6                     | 5                   | 1                           | 1          | 11 |
| 2                                  | 19                   | 93                     | 83                                      | 45                        | 7                              | 3,509                 | 3,169               | 340                         | 77         | 12 |
| -                                  | 2                    | 3                      | 43                                      | -                         | -                              | 53                    | 51                  | 2                           | 8          | 13 |
| -                                  | 48                   | 7                      | 212                                     | 13                        | 2                              | 8                     | 6                   | 2                           | 22         | 14 |
| 67                                 | 135                  | 622                    | 2,450                                   | 1,854                     | 40                             | 7,702                 | 2,341               | 5,361                       | 2,529      | 15 |
| 28                                 | 8                    | 172                    | 795                                     | 760                       | 14                             | 3,093                 | 933                 | 2,160                       | 1,058      | 16 |
| 27                                 | 1                    | 45                     | 324                                     | 224                       | 2                              | 850                   | 577                 | 273                         | 333        | 17 |
| 1                                  | 4                    | 29                     | 307                                     | 255                       | 13                             | 870                   | 324                 | 546                         | 322        | 18 |
| 11                                 | 122                  | 376                    | 1,024                                   | 618                       | 13                             | 2,889                 | 811                 | 2,078                       | 815        | 19 |
| 1                                  | 25                   | 1                      | 3                                       | 1                         | -                              | 10                    | 6                   | 4                           | 4          | 20 |
| 6                                  | 7                    | 39                     | 217                                     | 386                       | 13                             | 1,565                 | 749                 | 816                         | 483        | 21 |
| -                                  | -                    | 1                      | 5                                       | 5                         | -                              | 55                    | 27                  | 28                          | 23         | 22 |
| -                                  | -                    | -                      | -                                       | 5                         | -                              | 31                    | 19                  | 12                          | 6          | 23 |
| 1                                  | 1                    | -                      | 27                                      | 11                        | 51                             | 93                    | 76                  | 17                          | 18         | 24 |
| 22                                 | 37                   | 87                     | 613                                     | 1,996                     | 41                             | 8,051                 | 3,245               | 4,806                       | 2,618      | 25 |
| 78                                 | 124                  | 330                    | 1,928                                   | 4,344                     | 251                            | 31,454                | 16,831              | 14,623                      | 5,783      | 26 |
| 2                                  | 63                   | 15                     | 107                                     | 157                       | 12                             | 784                   | 341                 | 443                         | 253        | 27 |
| 16                                 | 4                    | 73                     | 328                                     | 670                       | 96                             | 4,641                 | 2,362               | 2,279                       | 1,214      | 28 |
| 60                                 | 57                   | 242                    | 1,493                                   | 3,517                     | 144                            | 26,029                | 14,128              | 11,901                      | 4,316      | 29 |
| 3                                  | 1                    | 60                     | 267                                     | 677                       | 3                              | 5,343                 | 3,509               | 1,834                       | 666        | 30 |
| 95                                 | 413                  | 74                     | 349                                     | 453                       | 62                             | 4,929                 | 3,479               | 1,450                       | 799        | 31 |
| 66                                 | 310                  | 45                     | 250                                     | 307                       | 33                             | 3,289                 | 2,347               | 942                         | 431        | 32 |
| 16                                 | 43                   | 17                     | 74                                      | 97                        | 24                             | 1,239                 | 894                 | 345                         | 226        | 33 |
| 9                                  | 46                   | 11                     | 17                                      | 26                        | 3                              | 205                   | 142                 | 63                          | 70         | 34 |
| 2                                  | 14                   | 1                      | 8                                       | 23                        | 2                              | 136                   | 96                  | 100                         | 72         | 35 |
| 4                                  | 7                    | 13                     | 32                                      | 24                        | 4                              | 267                   | 164                 | 103                         | 70         | 36 |
| 20                                 | 320                  | 24                     | 26                                      | 16                        | 3                              | 1,844                 | 143                 | 41                          | 86         | 37 |
| 7                                  | 10                   | 2                      | 8                                       | 2                         | 4                              | 41                    | 33                  | 8                           | 56         | 38 |
| 3                                  | 34                   | 4                      | 44                                      | 22                        | 4                              | 368                   | 269                 | 99                          | 102        | 39 |
| 1                                  | 10                   | 20                     | 114                                     | 62                        | 23                             | 807                   | 235                 | 272                         | 124        | 40 |
| 5                                  | 4                    | 8                      | 22                                      | 15                        | 3                              | 100                   | 61                  | 39                          | 55         | 41 |
| 25                                 | 70                   | 62                     | 279                                     | 888                       | 27                             | 3,816                 | 1,547               | 2,269                       | 1,240      | 42 |
| 2                                  | 1                    | 4                      | 20                                      | 32                        | 1                              | 179                   | 72                  | 107                         | 78         | 43 |
| 57                                 | 5                    | 3                      | 2                                       | 8                         | -                              | 23                    | 16                  | 7                           | 65         | 44 |
| 18                                 | 1                    | 1                      | -                                       | 2                         | -                              | 9                     | 6                   | 3                           | 15         | 45 |
| 14                                 | 2                    | -                      | 1                                       | 1                         | -                              | 3                     | 2                   | 1                           | 27         | 46 |
| 18                                 | 2                    | 2                      | -                                       | 5                         | -                              | 4                     | 2                   | 2                           | 22         | 47 |
| 7                                  | -                    | -                      | 1                                       | -                         | -                              | 7                     | 6                   | 1                           | 1          | 48 |
| 258                                | 882                  | 7                      | 121                                     | 68                        | 10                             | 374                   | 323                 | 51                          | 205        | 49 |
| 1,468                              | 674                  | 18                     | 40                                      | 103                       | 10                             | 75                    | 19                  | 56                          | 794        | 50 |
| 940                                | 361                  | 12                     | 25                                      | 64                        | 5                              | 50                    | 14                  | 36                          | 558        | 51 |
| 528                                | 313                  | 6                      | 15                                      | 39                        | 5                              | 25                    | 5                   | 20                          | 236        | 52 |
| 1                                  | -                    | 20                     | 63                                      | 16                        | 99                             | 327                   | 221                 | 106                         | 43         | 53 |
| 2                                  | 1                    | 6                      | 12                                      | 1                         | 32                             | 87                    | 30                  | 57                          | 32         | 54 |
| 33                                 | 106                  | 48                     | 295                                     | 329                       | 64                             | 2,624                 | 1,810               | 814                         | 795        | 55 |
| 10                                 | 20                   | 16                     | 74                                      | 11                        | 7                              | 99                    | 37                  | 62                          | 201        | 56 |
| 23                                 | 86                   | 32                     | 221                                     | 318                       | 57                             | 2,525                 | 1,773               | 752                         | 695        | 57 |
| 18                                 | 12                   | 18                     | 46                                      | 201                       | 13                             | 1,370                 | 750                 | 620                         | 333        | 58 |
| 49                                 | 637                  | 200                    | 749                                     | 572                       | 38                             | 5,150                 | 3,549               | 1,601                       | 1,016      | 59 |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                  | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| 1             | ALL CAUSES-----All races, both sexes           | 1,444,337    | 113,169      | 8,612  | 4,256   | 3,302   | 2,645   | 131,984       | 8,571        | 7,092          | 12,989         |
|               | Male----                                       | 620,931      | 65,151       | 4,717  | 2,338   | 1,961   | 1,503   | 75,570        | 5,110        | 4,332          | 8,095          |
|               | Female----                                     | 623,406      | 48,018       | 3,895  | 1,918   | 1,441   | 1,142   | 56,414        | 3,561        | 2,760          | 4,894          |
|               | White-----Male----                             | 725,618      | 53,297       | 3,948  | 1,902   | 1,541   | 1,247   | 61,835        | 4,344        | 3,613          | 6,569          |
|               | Female----                                     | 544,771      | 39,737       | 3,100  | 1,521   | 1,164   | 907     | 45,429        | 2,897        | 2,130          | 3,474          |
|               | Negro-----Male----                             | 90,732       | 11,116       | 760    | 392     | 288     | 237     | 12,795        | 708          | 686            | 1,444          |
|               | Female----                                     | 76,314       | 8,718        | 696    | 347     | 254     | 217     | 10,232        | 632          | 596            | 1,353          |
|               | Other-----Male----                             | 4,381        | 736          | 109    | 44      | 32      | 19      | 940           | 58           | 33             | 81             |
|               | Female----                                     | 2,321        | 563          | 99     | 50      | 23      | 18      | 753           | 32           | 34             | 69             |
|               | I.—Infectious and parasitic diseases-----      | 73,016       | 4,137        | 1,442  | 782     | 541     | 433     | 7,335         | 1,335        | 669            | 1,786          |
|               | White-----Male----                             | 35,236       | 1,564        | 584    | 308     | 231     | 200     | 2,687         | 600          | 333            | 471            |
|               | Female----                                     | 18,227       | 1,233        | 513    | 295     | 187     | 151     | 2,379         | 502          | 290            | 515            |
|               | Negro-----Male----                             | 10,794       | 667          | 143    | 69      | 51      | 37      | 967           | 105          | 96             | 260            |
|               | Female----                                     | 7,556        | 529          | 145    | 77      | 50      | 29      | 850           | 97           | 131            | 477            |
|               | Other-----Male----                             | 789          | 74           | 28     | 12      | 12      | 8       | 154           | 18           | 11             | 30             |
|               | Female----                                     | 444          | 70           | 29     | 21      | 10      | 8       | 158           | 13           | 8              | 33             |
| 1             | Typhoid fever-----                             | 206          | 1            | 2      | 2       | 2       | -       | 7             | 14           | 15             | 12             |
|               | White-----Male----                             | 84           | -            | 1      | -       | -       | -       | 1             | 3            | 3              | 5              |
|               | Female----                                     | 55           | -            | -      | 1       | 1       | -       | 2             | 5            | 2              | 2              |
|               | Negro-----Male----                             | 36           | 1            | 1      | 1       | -       | -       | 3             | 5            | 6              | 2              |
|               | Female----                                     | 24           | -            | -      | -       | 1       | -       | 1             | 1            | 3              | 3              |
|               | Other-----Male----                             | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | 1            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
| 2             | Paratyphoid fever-----                         | 28           | 4            | 1      | -       | 1       | -       | 6             | 1            | -              | 2              |
|               | White-----Male----                             | 15           | 3            | -      | -       | 1       | -       | 4             | -            | -              | 2              |
|               | Female----                                     | 6            | 1            | 1      | -       | -       | -       | 2             | 1            | -              | -              |
|               | Negro-----Male----                             | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 3             | Plague-----                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 4             | Cholera-----                                   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 5             | Undulant fever (brucellosis)-----              | 55           | 2            | -      | -       | -       | -       | 2             | -            | 1              | -              |
|               | White-----Male----                             | 27           | 2            | -      | -       | -       | -       | 2             | -            | 1              | -              |
|               | Female----                                     | 18           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male----                             | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 6             | Cerebrospinal (meningococcus) meningitis-----  | 873          | 245          | 118    | 63      | 51      | 41      | 518           | 75           | 34             | 42             |
|               | White-----Male----                             | 420          | 116          | 57     | 41      | 31      | 17      | 262           | 33           | 17             | 20             |
|               | Female----                                     | 329          | 84           | 47     | 18      | 13      | 21      | 183           | 33           | 10             | 17             |
|               | Negro-----Male----                             | 71           | 25           | 7      | 1       | 5       | 1       | 39            | 5            | 4              | 4              |
|               | Female----                                     | 49           | 18           | 7      | 3       | 2       | 1       | 31            | 4            | 3              | 1              |
|               | Other-----Male----                             | 2            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----                                     | 2            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
| 7             | Anthrax (infection by Bacillus anthracis)----- | 5            | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|               | White-----Male----                             | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | 3            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | 1            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 8             | Scarlet fever-----                             | 68           | 5            | 4      | 2       | 5       | 4       | 20            | 20           | 8              | 3              |
|               | White-----Male----                             | 32           | 3            | 3      | -       | 2       | 2       | 10            | 12           | 4              | 2              |
|               | Female----                                     | 31           | -            | 1      | 2       | 3       | 1       | 7             | 8            | 4              | 1              |
|               | Negro-----Male----                             | -            | 2            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 9             | Whooping cough-----                            | 1,146        | 842          | 174    | 56      | 24      | 16      | 1,112         | 24           | 1              | 4              |
|               | White-----Male----                             | 354          | 272          | 51     | 16      | 2       | 7       | 348           | 5            | -              | 1              |
|               | Female----                                     | 397          | 273          | 63     | 26      | 13      | 5       | 380           | 12           | -              | 1              |
|               | Negro-----Male----                             | 158          | 126          | 20     | 3       | -       | 2       | 155           | 3            | -              | -              |
|               | Female----                                     | 181          | 139          | 29     | 4       | 2       | -       | 174           | 3            | 1              | 2              |
|               | Other-----Male----                             | 25           | 15           | 5      | 1       | 3       | 1       | 25            | -            | -              | -              |
|               | Female----                                     | 31           | 17           | 6      | 6       | -       | 1       | 30            | 1            | -              | -              |
| 10            | Diphtheria (infection by C. diphtheriae)-----  | 634          | 47           | 80     | 84      | 79      | 69      | 359           | 141          | 18             | 12             |
|               | White-----Male----                             | 289          | 22           | 31     | 37      | 29      | 26      | 145           | 58           | 8              | 4              |
|               | Female----                                     | 228          | 15           | 28     | 29      | 30      | 30      | 132           | 59           | 7              | 6              |
|               | Negro-----Male----                             | 58           | 5            | 10     | 9       | 12      | 6       | 42            | 11           | 2              | 1              |
|               | Female----                                     | 50           | 4            | 8      | 8       | 8       | 7       | 35            | 10           | 1              | 1              |
|               | Other-----Male----                             | 5            | 1            | 2      | -       | -       | -       | 3             | 1            | -              | -              |
|               | Female----                                     | 4            | -            | 1      | 1       | -       | -       | 2             | 2            | -              | -              |
| 11            | Erysipelas-----                                | 69           | 7            | 3      | 2       | -       | -       | 12            | 1            | -              | -              |
|               | White-----Male----                             | 29           | 4            | -      | 1       | -       | -       | 6             | 1            | -              | -              |
|               | Female----                                     | 34           | 1            | 2      | 1       | -       | -       | 4             | -            | -              | -              |
|               | Negro-----Male----                             | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----                                     | 5            | 1            | 1      | -       | -       | -       | 2             | -            | -              | -              |
|               | Other-----Male----                             | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----                                     | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 12            | Tetanus-----                                   | 506          | 137          | 6      | 5       | 17      | 11      | 178           | 63           | 40             | 24             |
|               | White-----Male----                             | 194          | 34           | 2      | 4       | 10      | 10      | 60            | 22           | 20             | 12             |
|               | Female----                                     | 115          | 26           | 2      | -       | 4       | -       | 32            | 19           | 6              | 7              |
|               | Negro-----Male----                             | 124          | 51           | 3      | -       | 2       | 1       | 57            | 16           | 10             | 3              |
|               | Female----                                     | 89           | 23           | 1      | 1       | 1       | -       | 26            | 6            | 4              | 2              |
|               | Other-----Male----                             | 2            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----                                     | 2            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                         | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| 13-22         | I.—Infectious and parasitic diseases—Con.             |              |              |        |         |         |         |               |              |                |                |
|               | Tuberculosis (all forms)-----                         | 43,833       | 325          | 406    | 208     | 122     | 77      | 1,138         | 216          | 202            | 1,190          |
|               | White-----Male-----                                   | 21,616       | 94           | 144    | 70      | 44      | 23      | 375           | 66           | 51             | 191            |
|               | Female--  | 10,134       | 96           | 135    | 67      | 35      | 20      | 353           | 69           | 80             | 305            |
|               | Negro-----Male-----                                   | 6,376        | 55           | 55     | 23      | 14      | 17      | 164           | 25           | 43             | 206            |
|               | Female--  | 4,846        | 41           | 50     | 33      | 15      | 8       | 147           | 35           | 92             | 427            |
|               | Other-----Male-----                                   | 560          | 23           | 11     | 9       | 7       | 5       | 55            | 15           | 9              | 30             |
|               | Female--  | 301          | 16           | 11     | 6       | 7       | 4       | 44            | 7            | 7              | 31             |
| 13            | Tuberculosis of respiratory system, etc.*-----        | 40,420       | 135          | 135    | 68      | 46      | 28      | 410           | 92           | 197            | 1,052          |
|               | White-----Male-----                                   | 20,354       | 47           | 40     | 21      | 19      | 9       | 135           | 22           | 29             | 156            |
|               | Female--  | 9,197        | 33           | 45     | 17      | 11      | 7       | 113           | 23           | 54             | 278            |
|               | Negro-----Male-----                                   | 5,744        | 23           | 18     | 8       | 3       | 5       | 57            | 11           | 29             | 174            |
|               | Female--  | 4,375        | 13           | 17     | 14      | 3       | 2       | 49            | 24           | 74             | 380            |
|               | Other-----Male-----                                   | 495          | 12           | 7      | 5       | 3       | 2       | 29            | 7            | 6              | 27             |
|               | Female--  | 285          | 7            | 6      | 3       | 4       | 4       | 27            | 5            | 6              | 27             |
| 14            | Tuberculosis of meninges, etc.*-----                  | 1,048        | 103          | 191    | 95      | 59      | 38      | 486           | 75           | 40             | 46             |
|               | White-----Male-----                                   | 378          | 50           | 78     | 33      | 21      | 12      | 174           | 29           | 14             | 14             |
|               | Female--  | 320          | 56           | 66     | 37      | 20      | 10      | 169           | 26           | 12             | 9              |
|               | Negro-----Male-----                                   | 170          | 13           | 23     | 8       | 7       | 9       | 60            | 8            | 5              | 9              |
|               | Female--  | 131          | 11           | 18     | 11      | 8       | 5       | 53            | 5            | 6              | 10             |
|               | Other-----Male-----                                   | 35           | 8            | 3      | 4       | 3       | 2       | 20            | 5            | 2              | 3              |
|               | Female--  | 14           | 5            | 3      | 2       | 2       | 1       | 10            | 2            | 1              | 1              |
| 15            | Tuberculosis of intestines and peritoneum-----        | 392          | 11           | 3      | 4       | 1       | 1       | 19            | 9            | 12             | 23             |
|               | White-----Male-----                                   | 96           | 1            | 2      | 1       | 1       | 1       | 3             | 3            | 3              | 2              |
|               | Female--  | 127          | 5            | 1      | 1       | 1       | 1       | 7             | 2            | 2              | 4              |
|               | Negro-----Male-----                                   | 65           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 3              | 10             |
|               | Female--  | 74           | 1            | 1      | 1       | 1       | 1       | 2             | 1            | 4              | 6              |
|               | Other-----Male-----                                   | 11           | 3            | 1      | 1       | 1       | 1       | 4             | 1            | 1              | 1              |
|               | Female--  | 9            | 2            | 1      | 1       | 1       | 1       | 2             | 1            | 1              | 1              |
| 16            | Tuberculosis of vertebral column-----                 | 399          | 2            | 5      | 5       | 3       | 3       | 18            | 7            | 9              | 19             |
|               | White-----Male-----                                   | 149          | 1            | 2      | 2       | 1       | 1       | 4             | 2            | 5              | 5              |
|               | Female--  | 120          | 1            | 2      | 2       | 1       | 1       | 7             | 4            | 6              | 2              |
|               | Negro-----Male-----                                   | 86           | 1            | 2      | 1       | 1       | 1       | 4             | 1            | 2              | 6              |
|               | Female--  | 41           | 1            | 1      | 1       | 1       | 1       | 3             | 1            | 2              | 6              |
|               | Other-----Male-----                                   | 3            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 17            | Tuberculosis of bones and joints, etc.*-----          | 101          | 1            | 1      | 1       | 1       | 1       | 1             | 2            | 3              | 2              |
|               | White-----Male-----                                   | 55           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 26           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 12           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 8            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 18            | Tuberculosis of skin, etc.*-----                      | 18           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | White-----Male-----                                   | 7            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 8            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 2            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 19            | Tuberculosis of lymphatic system, etc.*-----          | 66           | 3            | 3      | 3       | 3       | 3       | 6             | 1            | 1              | 4              |
|               | White-----Male-----                                   | 20           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 21           | 2            | 2      | 2       | 2       | 2       | 2             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 10           | 1            | 1      | 1       | 1       | 1       | 2             | 1            | 1              | 1              |
|               | Female--  | 14           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 2              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 20            | Tuberculosis of genito-urinary system-----            | 327          | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 4              |
|               | White-----Male-----                                   | 200          | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 3              |
|               | Female--  | 101          | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 14           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 7            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 4            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 21            | Tuberculosis of other organs-----                     | 101          | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | White-----Male-----                                   | 51           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 25           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 18           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 6            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 22            | Disseminated tuberculosis-----                        | 971          | 75           | 71     | 33      | 14      | 6       | 197           | 31           | 20             | 40             |
|               | White-----Male-----                                   | 306          | 16           | 26     | 11      | 3       | 2       | 59            | 7            | 5              | 9              |
|               | Female--  | 199          | 20           | 19     | 10      | 3       | 2       | 54            | 13           | 5              | 11             |
|               | Negro-----Male-----                                   | 255          | 19           | 10     | 6       | 3       | 1       | 39            | 4            | 3              | 6              |
|               | Female--  | 189          | 16           | 13     | 5       | 4       | 1       | 39            | 5            | 6              | 12             |
|               | Other-----Male-----                                   | 11           | 1            | 1      | 1       | 1       | 1       | 2             | 2            | 1              | 2              |
|               | Female--  | 11           | 2            | 2      | 1       | 1       | 1       | 5             | 1            | 1              | 1              |
| 23            | Leprosy-----  | 21           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | White-----Male-----                                   | 15           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 3            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Negro-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
| 24            | Septicemia and purulent infection (nonguerreral)----- | 496          | 110          | 25     | 14      | 8       | 4       | 161           | 22           | 9              | 9              |
|               | White-----Male-----                                   | 227          | 57           | 13     | 5       | 5       | 3       | 63            | 9            | 5              | 3              |
|               | Female--  | 179          | 42           | 11     | 5       | 2       | 1       | 61            | 11           | 4              | 4              |
|               | Negro-----Male-----                                   | 42           | 4            | 3      | 3       | 1       | 1       | 7             | 1            | 1              | 1              |
|               | Female--  | 37           | 3            | 1      | 1       | 1       | 1       | 4             | 1            | 1              | 1              |
|               | Other-----Male-----                                   | 4            | 1            | 1      | 1       | 1       | 1       | 2             | 1            | 1              | 1              |
|               | Female--  | 7            | 3            | 1      | 1       | 1       | 1       | 4             | 1            | 1              | 1              |
| 25            | Gonococcus infection-----                             | 71           | 2            | 1      | 1       | 1       | 1       | 2             | 1            | 1              | 5              |
|               | White-----Male-----                                   | 9            | 2            | 1      | 1       | 1       | 1       | 2             | 1            | 1              | 1              |
|               | Female--  | 11           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 2              |
|               | Negro-----Male-----                                   | 16           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 34           | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 3              |
|               | Other-----Male-----                                   | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |
|               | Female--  | 1            | 1            | 1      | 1       | 1       | 1       | 1             | 1            | 1              | 1              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                             | CAUSE OF DEATH, RACE, AND SEX.                       | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| I.—Infectious and parasitic diseases—Con. |  |              |              |        |         |         |         |               |              |                |                |
| 26  | Other diseases due to bacteria (except dysentery)--- | 46           | -            | -      | -       | -       | -       | -             | 1            | 1              | 4              |
|   | White-----Male---                                    | 19           | -            | -      | -       | -       | -       | -             | 1            | 1              | 1              |
|   | Female---  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro-----Male---                                    | 11           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|   | Female---  | 9            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 27  | Dysentery-----                                       | 1,078        | 621          | 102    | 50      | 15      | 12      | 790           | 22           | 6              | 6              |
|   | White-----Male---                                    | 486          | 237          | 45     | 6       | 5       | 3       | 355           | 10           | 2              | 5              |
|   | Female---  | 414          | 232          | 44     | 16      | 7       | 6       | 305           | 10           | 3              | 1              |
|   | Negro-----Male---                                    | 91           | 45           | 8      | 4       | -       | 1       | 58            | 1            | 1              | -              |
|   | Female---  | 63           | 32           | 4      | 3       | -       | 1       | 41            | 1            | 1              | 2              |
|   | Other-----Male---                                    | 11           | 7            | -      | -       | 1       | 1       | 9             | -            | -              | -              |
|   | Female---  | 13           | 8            | 1      | 1       | 1       | 1       | 11            | -            | -              | -              |
| 28  | Malaria-----   | 170          | 10           | 4      | 5       | 3       | 1       | 23            | 5            | 3              | 2              |
|   | White-----Male---                                    | 61           | 3            | 1      | 1       | -       | -       | 5             | 1            | 2              | -              |
|   | Female---  | 33           | 4            | 1      | -       | 1       | -       | 6             | -            | -              | 1              |
|   | Negro-----Male---                                    | 37           | 1            | 1      | 2       | 2       | 1       | 7             | 1            | -              | -              |
|   | Female---  | 38           | 2            | 1      | 2       | -       | -       | 5             | 3            | 1              | 1              |
|   | Other-----Male---                                    | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 29  | Other diseases due to parasitic protozoa, etc.*      | 58           | 12           | 6      | -       | -       | 2       | 20            | 1            | -              | -              |
|   | White-----Male---                                    | 20           | 5            | 3      | -       | -       | 1       | 9             | -            | -              | -              |
|   | Female---  | 11           | 6            | -      | -       | -       | -       | 6             | 1            | -              | -              |
|   | Negro-----Male---                                    | 2            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female---  | 5            | -            | 3      | -       | -       | 1       | 4             | -            | -              | -              |
|   | Other-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 30  | Syphilis (all forms)-----                            | 11,616       | 436          | 6      | 2       | 2       | 1       | 449           | 4            | 13             | 46             |
|   | White-----Male---                                    | 5,598        | 92           | 1      | -       | -       | -       | 93            | 1            | 3              | 13             |
|   | Female---  | 1,880        | 59           | 1      | -       | -       | -       | 60            | 1            | -              | 16             |
|   | Negro-----Male---                                    | 2,794        | 165          | 1      | 1       | -       | -       | 167           | 1            | 4              | 9              |
|   | Female---  | 1,229        | 104          | 3      | 1       | 2       | 1       | 111           | 1            | 5              | 9              |
|   | Other-----Male---                                    | 82           | 8            | -      | -       | -       | -       | 8             | -            | 1              | -              |
|   | Female---  | 33           | 10           | -      | -       | -       | -       | 10            | -            | -              | 1              |
| 30a                                       | Locomotor ataxia (tabes dorsalis)-----               | 375          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | White-----Male---                                    | 270          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 58           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro-----Male---                                    | 33           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female---  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 30b                                       | General paralysis of insane-----                     | 2,913        | -            | -      | -       | -       | -       | -             | -            | 1              | 8              |
|   | White-----Male---                                    | 1,378        | -            | -      | -       | -       | -       | -             | -            | 1              | 3              |
|   | Female---  | 450          | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|   | Negro-----Male---                                    | 792          | -            | -      | -       | -       | -       | -             | -            | -              | 3              |
|   | Female---  | 265          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | 27           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 30d                                       | Aneurysm of aorta-----                               | 3,639        | -            | -      | -       | -       | -       | -             | -            | 1              | 2              |
|   | White-----Male---                                    | 2,079        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 624          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Negro-----Male---                                    | 666          | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|   | Female---  | 247          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | 17           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 30f                                       | Congenital syphilis-----                             | 505          | 430          | 6      | 2       | 1       | 1       | 440           | 4            | 8              | 15             |
|   | White-----Male---                                    | 110          | 90           | 1      | -       | -       | -       | 91            | 1            | 1              | 7              |
|   | Female---  | 87           | 58           | 1      | -       | -       | -       | 59            | 1            | -              | 7              |
|   | Negro-----Male---                                    | 172          | 162          | 1      | 1       | -       | -       | 164           | 1            | 1              | 2              |
|   | Female---  | 117          | 102          | 3      | 1       | 1       | 1       | 108           | 1            | 5              | -              |
|   | Other-----Male---                                    | 9            | 8            | -      | -       | -       | -       | 8             | -            | 1              | -              |
|   | Female---  | 10           | 10           | -      | -       | -       | -       | 10            | -            | -              | -              |
| 30c,e,g                                   | Syphilis (other forms)-----                          | 4,184        | 8            | -      | -       | 1       | -       | 9             | -            | 3              | 21             |
|   | White-----Male---                                    | 1,761        | 2            | -      | -       | -       | -       | 2             | -            | 1              | 3              |
|   | Female---  | 660          | 1            | -      | -       | -       | -       | 1             | -            | -              | 6              |
|   | Negro-----Male---                                    | 1,131        | 3            | -      | -       | -       | -       | 3             | -            | 2              | 2              |
|   | Female---  | 593          | 2            | -      | -       | 1       | -       | 3             | -            | -              | 9              |
|   | Other-----Male---                                    | 24           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 15           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 31  | Relapsing fever-----                                 | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White-----Male---                                    | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 32  | Other diseases due to spirochetes-----               | 370          | 16           | 4      | 3       | 3       | -       | 26            | 9            | 9              | 19             |
|   | White-----Male---                                    | 197          | 9            | 2      | 1       | 1       | -       | 13            | 7            | 4              | 9              |
|   | Female---  | 133          | 4            | 1      | 2       | 2       | -       | 9             | 2            | 3              | 6              |
|   | Negro-----Male---                                    | 23           | 2            | 1      | -       | -       | -       | 3             | -            | 2              | 1              |
|   | Female---  | 17           | 1            | -      | -       | -       | -       | 1             | -            | -              | 3              |
|   | Other-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 33  | Influenza-----                                       | 5,068        | 939          | 150    | 89      | 36      | 30      | 1,245         | 66           | 56             | 55             |
|   | White-----Male---                                    | 1,913        | 362          | 71     | 39      | 19      | 12      | 432           | 23           | 21             | 17             |
|   | Female---  | 1,649        | 266          | 45     | 34      | 9       | 12      | 365           | 23           | 16             | 21             |
|   | Negro-----Male---                                    | 621          | 158          | 16     | 14      | 1       | 2       | 191           | 10           | 11             | 11             |
|   | Female---  | 644          | 136          | 17     | 12      | 9       | 3       | 179           | 9            | 8              | 6              |
|   | Other-----Male---                                    | 22           | 8            | -      | -       | -       | -       | 8             | -            | -              | -              |
|   | Female---  | 19           | 7            | 1      | -       | 1       | 1       | 10            | 1            | -              | -              |
| 34  | Smallpox-----  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White-----Male---                                    | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male---                                    | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female---  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                             | CAUSE OF DEATH, RACE, AND SEX               | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| I.—Infectious and parasitic diseases—Con. |   |              |              |        |         |         |         |               |              |                |                |
| 35  | Measles                                     | 888          | 183          | 204    | 89      | 63      | 49      | 588           | 173          | 40             | 27             |
|   | White—Male                                  | 382          | 78           | 88     | 33      | 26      | 27      | 252           | 85           | 17             | 10             |
|   | White—Female                                | 376          | 66           | 78     | 43      | 28      | 17      | 232           | 78           | 18             | 11             |
|   | Negro—Male                                  | 46           | 17           | 11     | 4       | 4       | 2       | 38            | 4            | 3              | 1              |
|   | Negro—Female                                | 49           | 13           | 13     | 3       | 3       | 2       | 34            | 5            | 2              | 5              |
|   | Other—Male                                  | 13           | 5            | 5      | 1       | 1       | -       | 12            | 1            | -              | -              |
|   | Other—Female                                | 22           | 4            | 9      | 5       | 1       | 1       | 20            | 2            | -              | -              |
| 36  | Polioomyelitis and polioccephalitis (acute) | 1,895        | 84           | 80     | 90      | 79      | 97      | 430           | 394          | 269            | 213            |
|   | White—Male                                  | 1,088        | 49           | 40     | 48      | 43      | 61      | 241           | 222          | 141            | 120            |
|   | White—Female                                | 711          | 30           | 35     | 37      | 29      | 30      | 161           | 159          | 116            | 77             |
|   | Negro—Male                                  | 51           | 1            | 3      | -       | 5       | 1       | 10            | 14           | 4              | 11             |
|   | Negro—Female                                | 39           | 3            | 2      | 3       | 2       | 4       | 14            | 8            | 6              | 5              |
|   | Other—Male                                  | 4            | 1            | -      | 1       | -       | 1       | 3             | 1            | -              | -              |
|   | Other—Female                                | 2            | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
| 37  | Acute infectious encephalitis (lethargic)   | 570          | 32           | 18     | 8       | 7       | 2       | 67            | 17           | 10             | 12             |
|   | White—Male                                  | 315          | 17           | 10     | 5       | 3       | 1       | 36            | 8            | 4              | 7              |
|   | White—Female                                | 200          | 12           | 2      | 2       | 3       | 1       | 20            | 8            | 5              | 1              |
|   | Negro—Male                                  | 26           | 1            | 2      | 1       | -       | -       | 4             | -            | 1              | 3              |
|   | Negro—Female                                | 25           | 2            | 2      | -       | 1       | -       | 5             | 1            | -              | 1              |
|   | Other—Male                                  | 4            | -            | 2      | -       | -       | -       | 2             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 38  | Other diseases due to filtrable viruses     | 164          | 48           | 23     | 8       | 5       | 6       | 90            | 16           | 5              | 3              |
|   | White—Male                                  | 85           | 29           | 11     | 3       | 4       | 3       | 50            | 6            | 3              | 2              |
|   | White—Female                                | 52           | 10           | 6      | 4       | 1       | 2       | 23            | 8            | 1              | 1              |
|   | Negro—Male                                  | 14           | 2            | 2      | 1       | -       | 1       | 6             | 1            | 1              | -              |
|   | Negro—Female                                | 6            | 2            | 2      | -       | -       | -       | 4             | 1            | -              | -              |
|   | Other—Male                                  | 5            | 3            | 2      | -       | -       | -       | 5             | -            | -              | -              |
|   | Other—Female                                | 2            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
| 39  | Typhus fever and typhus-like diseases*      | 177          | 1            | 2      | 4       | 5       | 3       | 15            | 17           | 10             | 3              |
|   | White—Male                                  | 94           | -            | -      | 3       | -       | -       | 3             | 4            | 3              | 1              |
|   | White—Female                                | 55           | 1            | 2      | -       | 4       | 2       | 9             | 7            | 5              | 1              |
|   | Negro—Male                                  | 15           | -            | -      | -       | 1       | -       | 1             | 3            | 1              | 1              |
|   | Negro—Female                                | 12           | -            | -      | 1       | -       | 1       | 2             | 3            | 1              | -              |
|   | Other—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 40  | Ankylostomiasis                             | 6            | -            | -      | 1       | 1       | -       | 2             | 1            | -              | -              |
|   | White—Male                                  | 4            | -            | -      | 1       | 1       | -       | 2             | -            | -              | -              |
|   | White—Female                                | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male                                  | 1            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|   | Negro—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 41  | Hydatid disease                             | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White—Male                                  | 11           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White—Female                                | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 42  | Other diseases caused by helminths          | 54           | 1            | 7      | 12      | 5       | 2       | 27            | 8            | 3              | 1              |
|   | White—Male                                  | 23           | -            | 4      | 3       | 1       | 1       | 9             | 3            | 1              | -              |
|   | White—Female                                | 18           | -            | 1      | 6       | 2       | -       | 9             | 1            | 2              | 1              |
|   | Negro—Male                                  | 4            | -            | 1      | 1       | -       | 1       | 3             | 1            | -              | -              |
|   | Negro—Female                                | 9            | 1            | 1      | 2       | 2       | -       | 6             | 3            | -              | -              |
|   | Other—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 43  | Mycoses                                     | 381          | 21           | 6      | 3       | 3       | -       | 35            | 4            | 1              | 6              |
|   | White—Male                                  | 187          | 13           | 3      | 2       | 2       | -       | 20            | 2            | 1              | 4              |
|   | White—Female                                | 102          | 2            | 4      | 1       | 1       | -       | 8             | -            | -              | 2              |
|   | Negro—Male                                  | 57           | 4            | 1      | -       | -       | -       | 5             | 1            | -              | -              |
|   | Negro—Female                                | 29           | 2            | -      | -       | -       | -       | 2             | 1            | -              | -              |
|   | Other—Male                                  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 44  | Other infectious and parasitic diseases     | 2,467        | 4            | 7      | 3       | 3       | 6       | 23            | 30           | 33             | 83             |
|   | White—Male                                  | 1,437        | 1            | 3      | -       | 2       | 3       | 9             | 20           | 21             | 44             |
|   | White—Female                                | 841          | 3            | 3      | 1       | 1       | 3       | 10            | 8            | 8              | 30             |
|   | Negro—Male                                  | 107          | -            | 1      | 1       | 1       | -       | 2             | 1            | 3              | 4              |
|   | Negro—Female                                | 76           | -            | 1      | 1       | -       | -       | 2             | 1            | 1              | 5              |
|   | Other—Male                                  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| II.—Cancer and other tumors               |   |              |              |        |         |         |         |               |              |                |                |
|   |   | 202,386      | 112          | 218    | 180     | 187     | 171     | 668           | 505          | 415            | 593            |
|   | White—Male                                  | 92,695       | 57           | 119    | 83      | 99      | 79      | 437           | 265          | 197            | 282            |
|   | White—Female                                | 93,663       | 43           | 82     | 80      | 65      | 68      | 338           | 193          | 166            | 225            |
|   | Negro—Male                                  | 6,809        | 7            | 8      | 9       | 12      | 14      | 50            | 24           | 19             | 46             |
|   | Negro—Female                                | 8,625        | 5            | 9      | 8       | 10      | 10      | 42            | 20           | 31             | 39             |
|   | Other—Male                                  | 408          | -            | -      | -       | -       | -       | -             | 2            | 2              | 1              |
|   | Other—Female                                | 186          | -            | -      | -       | 1       | -       | 1             | 1            | -              | -              |
| 45-55                                     | Cancer and other malignant tumors           | 197,042      | 112          | 172    | 156     | 164     | 150     | 754           | 410          | 329            | 503            |
|   | White—Male                                  | 90,942       | 57           | 103    | 76      | 86      | 70      | 394           | 223          | 161            | 248            |
|   | White—Female                                | 90,917       | 43           | 59     | 67      | 58      | 60      | 287           | 154          | 134            | 184            |
|   | Negro—Male                                  | 6,602        | 7            | 5      | 7       | 10      | 12      | 41            | 16           | 10             | 37             |
|   | Negro—Female                                | 8,001        | 5            | 5      | 6       | 7       | 8       | 31            | 15           | 22             | 33             |
|   | Other—Male                                  | 400          | -            | -      | -       | -       | -       | -             | 1            | 2              | 1              |
|   | Other—Female                                | 180          | -            | -      | -       | 1       | -       | 1             | 1            | -              | -              |
| 45  | Cancer of buccal cavity and pharynx         | 5,712        | 2            | -      | 2       | 2       | 3       | 9             | 13           | 8              | 9              |
|   | White—Male                                  | 4,261        | 1            | -      | 1       | 2       | -       | 4             | 5            | 6              | 2              |
|   | White—Female                                | 1,046        | 1            | -      | 1       | -       | 3       | 5             | 5            | 2              | 4              |
|   | Negro—Male                                  | 270          | -            | -      | -       | -       | -       | -             | 2            | -              | 2              |
|   | Negro—Female                                | 108          | -            | -      | -       | -       | -       | -             | 1            | -              | 1              |
|   | Other—Male                                  | 27           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 45a                                       | Cancer of lip                               | 568          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White—Male                                  | 511          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White—Female                                | 45           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male                                  | 11           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Female                                | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Female                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | II.—Cancer and other tumors—Continued             |              |              |        |         |         |         |               |              |                |                |
|               | Cancer and other malignant tumors—Continued       |              |              |        |         |         |         |               |              |                |                |
|               | Cancer of buccal cavity and pharynx—Continued     |              |              |        |         |         |         |               |              |                |                |
| 45b           | Cancer of tongue-----                             | 1,395        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male-----                               | 1,042        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 254          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male-----                               | 72           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 23           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 45c           | Cancer of mouth-----                              | 854          | 1            | -      | -       | -       | -       | 1             | 2            | -              | -              |
|               | White-----Male-----                               | 608          | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female-----                                       | 170          | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Negro-----Male-----                               | 33           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 18           | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Other-----Male-----                               | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 45d           | Cancer of jaw bone-----                           | 620          | -            | -      | 1       | 2       | 1       | 4             | 4            | 4              | 2              |
|               | White-----Male-----                               | 568          | -            | -      | -       | 2       | -       | 2             | 2            | 3              | 1              |
|               | Female-----                                       | 178          | -            | -      | 1       | -       | 1       | 2             | 2            | 1              | 1              |
|               | Negro-----Male-----                               | 43           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 30           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 45e           | Cancer of unspecified parts of buccal cavity----- | 101          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male-----                               | 72           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 27           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male-----                               | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 45f           | Cancer of pharynx-----                            | 1,994        | 1            | -      | 1       | -       | 2       | 4             | 7            | 4              | 7              |
|               | White-----Male-----                               | 1,460        | 1            | -      | 1       | -       | 2       | 2             | 2            | 3              | 1              |
|               | Female-----                                       | 372          | -            | -      | -       | -       | 2       | 2             | 3            | 1              | 3              |
|               | Negro-----Male-----                               | 110          | -            | -      | -       | -       | -       | -             | 2            | -              | 2              |
|               | Female-----                                       | 35           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other-----Male-----                               | 17           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46            | Cancer of digestive organs and peritoneum-----    | 85,056       | 9            | 19     | 14      | 14      | 11      | 66            | 30           | 43             | 68             |
|               | White-----Male-----                               | 43,126       | 3            | 11     | 7       | 9       | 6       | 31            | 23           | 26             | 29             |
|               | Female-----                                       | 35,785       | 3            | 6      | 6       | 3       | 3       | 21            | 11           | 10             | 25             |
|               | Negro-----Male-----                               | 3,324        | 1            | 1      | 1       | -       | 2       | 5             | 1            | 3              | 9              |
|               | Female-----                                       | 2,492        | 2            | -      | -       | 2       | 4       | 2             | 2            | 4              | 5              |
|               | Other-----Male-----                               | 253          | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female-----                                       | 76           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46a           | Cancer of esophagus-----                          | 3,681        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male-----                               | 2,575        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 678          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male-----                               | 327          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 85           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 15           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46b           | Cancer of stomach-----                            | 26,215       | -            | -      | 1       | 1       | -       | 2             | 2            | 6              | 8              |
|               | White-----Male-----                               | 14,717       | -            | -      | -       | -       | -       | 1             | -            | 1              | 5              |
|               | Female-----                                       | 9,022        | -            | -      | 1       | -       | -       | 1             | -            | 1              | 2              |
|               | Negro-----Male-----                               | 1,496        | -            | -      | -       | -       | -       | 1             | -            | 2              | 1              |
|               | Female-----                                       | 844          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 108          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 28           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46c           | Cancer of duodenum-----                           | 338          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male-----                               | 189          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 131          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male-----                               | 9            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 9            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46d           | Cancer of rectum and anus-----                    | 10,834       | 1            | -      | 1       | -       | -       | 2             | -            | -              | 6              |
|               | White-----Male-----                               | 5,881        | 1            | -      | -       | -       | -       | 1             | -            | -              | 3              |
|               | Female-----                                       | 4,290        | -            | -      | 1       | -       | -       | 1             | -            | -              | 2              |
|               | Negro-----Male-----                               | 297          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female-----                                       | 338          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 22           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46e           | Cancer of intestines, etc.*-----                  | 22,860       | -            | 3      | 3       | 2       | 4       | 12            | 10           | 17             | 32             |
|               | White-----Male-----                               | 9,895        | -            | 2      | 2       | 1       | 3       | 8             | 7            | 13             | 15             |
|               | Female-----                                       | 11,822       | -            | 1      | 1       | 1       | -       | 3             | 2            | 3              | 11             |
|               | Negro-----Male-----                               | 497          | -            | -      | -       | -       | 1       | 1             | 1            | 1              | 5              |
|               | Female-----                                       | 598          | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|               | Other-----Male-----                               | 30           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 18           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46f           | Cancer of liver and biliary passages-----         | 10,598       | 4            | 9      | 4       | 1       | 1       | 19            | 12           | 8              | 8              |
|               | White-----Male-----                               | 4,384        | 1            | 6      | 3       | -       | -       | 10            | 9            | 5              | 1              |
|               | Female-----                                       | 5,492        | 2            | 2      | 1       | 1       | 1       | 7             | 2            | 2              | 3              |
|               | Negro-----Male-----                               | 341          | 1            | 1      | -       | -       | -       | 1             | -            | 1              | 1              |
|               | Female-----                                       | 325          | 1            | -      | -       | -       | -       | 1             | 1            | -              | 3              |
|               | Other-----Male-----                               | 41           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 15           | -            | -      | -       | -       | -       | 2             | 2            | 1              | 3              |
| 46g           | Cancer of pancreas-----                           | 8,234        | -            | -      | -       | -       | 2       | 2             | -            | 1              | 3              |
|               | White-----Male-----                               | 4,458        | -            | -      | -       | -       | 2       | 2             | -            | 1              | 2              |
|               | Female-----                                       | 3,271        | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro-----Male-----                               | 267          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 203          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                               | 28           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 46h           | Cancer of mesentery and peritoneum-----           | 1,409        | 3            | 6      | 5       | 8       | 6       | 28            | 11           | 10             | 11             |
|               | White-----Male-----                               | 652          | -            | 3      | 2       | 6       | 3       | 14            | 4            | 5              | 3              |
|               | Female-----                                       | 680          | 1            | 3      | 2       | 1       | 2       | 9             | 5            | 4              | 8              |
|               | Negro-----Male-----                               | 34           | 1            | -      | 1       | -       | 1       | 3             | -            | -              | -              |
|               | Female-----                                       | 38           | 1            | -      | -       | 1       | -       | 2             | 1            | 1              | -              |
|               | Other-----Male-----                               | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----                                       | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.





# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 3              | 3              | 8              | 9              | 25             | 42             | 59             | 85             | 110            | 152            | 119            | 125            | 82             | 49             | 10             | 3              | -            | -          | 46a           |
| 1              | 2              | 1              | 3              | 4              | 15             | 26             | 36             | 49             | 70             | 47             | 57             | 36             | 20             | 4              | 2              | -            | -          |               |
| 2              | -              | 4              | 4              | 11             | 16             | 22             | 35             | 46             | 58             | 66             | 61             | 42             | 27             | 5              | -              | -            | -          |               |
| -              | 1              | 1              | 2              | 3              | 3              | 5              | 8              | 9              | 13             | 3              | 5              | 2              | 1              | 1              | 1              | -            | -          |               |
| -              | -              | 2              | 2              | 6              | 7              | 5              | 6              | 6              | 11             | 3              | 1              | 1              | 1              | 1              | -              | -            | -          |               |
| -              | -              | -              | -              | 1              | 1              | 1              | -              | -              | -              | -              | 1              | 1              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 69             | 90             | 181            | 391            | 697            | 1,442          | 2,327          | 3,194          | 3,376          | 2,945          | 2,042          | 1,289          | 612            | 178            | 32             | 4              | 2            | 11         | 47            |
| 39             | 43             | 101            | 244            | 494            | 1,045          | 1,795          | 2,543          | 2,700          | 2,254          | 1,501          | 880            | 395            | 113            | 17             | 4              | -            | 7          |               |
| 14             | 35             | 52             | 108            | 158            | 243            | 327            | 437            | 521            | 560            | 465            | 374            | 203            | 59             | 14             | -              | 1            | -          |               |
| 4              | 8              | 19             | 23             | 58             | 115            | 156            | 176            | 122            | 69             | 37             | 24             | 10             | 3              | 1              | -              | 1            | 2          |               |
| 2              | 4              | 9              | 15             | 38             | 74             | 101            | 127            | 87             | 51             | 27             | 13             | 9              | 5              | -              | -              | -            | 1          |               |
| -              | -              | -              | -              | 2              | 5              | 6              | 6              | 5              | 9              | 3              | 2              | 1              | 3              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | 1              | -              | -              | 1              | 1              | 2              | 3              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 2              | 11             | 16             | 51             | 95             | 133            | 178            | 237            | 302            | 258            | 195            | 95             | 39             | 6              | -              | -            | 47a        |               |
| -              | 1              | 9              | 12             | 37             | 71             | 105            | 145            | 191            | 278            | 236            | 169            | 77             | 30             | 4              | -              | -            | -          |               |
| -              | 1              | 1              | 3              | 7              | 13             | 19             | 27             | 35             | 47             | 33             | 23             | 18             | 8              | 2              | -              | -            | -          |               |
| -              | -              | -              | 1              | 7              | 12             | 17             | 24             | 31             | 40             | 28             | 19             | 13             | 8              | 4              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 2              | 3              | 4              | 5              | 6              | 4              | 3              | 2              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 2              | -              | 2              | 2              | 5              | 8              | 11             | 9              | 10             | 9              | 9              | 1              | 1              | -              | -              | -            | 1          | 47b           |
| -              | -              | -              | 1              | 1              | 4              | 5              | 10             | 7              | 7              | 5              | 7              | 1              | 1              | -              | -              | -            | -          |               |
| -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 38             | 69             | 150            | 344            | 615            | 1,286          | 2,024          | 2,799          | 2,970          | 2,563          | 1,700          | 1,044          | 495            | 131            | 24             | 4              | 2            | 10         | 47c, d        |
| 23             | 33             | 82             | 215            | 426            | 956            | 1,558          | 2,222          | 2,368          | 1,925          | 1,225          | 681            | 301            | 77             | 13             | 4              | -            | 7          |               |
| 9              | 24             | 42             | 95             | 124            | 220            | 291            | 391            | 477            | 524            | 432            | 332            | 176            | 50             | 10             | -              | 1            | -          |               |
| 4              | 8              | 18             | 20             | 49             | 95             | 135            | 153            | 98             | 78             | 28             | 21             | 10             | 1              | 1              | -              | 1            | 2          |               |
| 2              | 4              | 6              | 15             | 33             | 64             | 86             | 109            | 72             | 48             | 20             | 10             | 5              | 3              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | 2              | 1              | 4              | 5              | 4              | 6              | 3              | 2              | 1              | 3              | -              | -              | -            | 1          |               |
| -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 2              | 3              | 3              | 3              | 4              | 10             | 11             | 19             | 20             | 16             | 12             | 10             | 3              | 1              | -              | -              | -            | -          | 47e           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 3              | 3              | -              | 1              | 2              | 5              | 12             | 8              | 8              | 7              | 6              | 1              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 19             | 14             | 17             | 26             | 27             | 48             | 71             | 87             | 80             | 54             | 55             | 31             | 20             | 6              | 2              | -              | -            | -          | 47f           |
| 14             | 9              | 10             | 13             | 17             | 27             | 51             | 68             | 55             | 40             | 30             | 19             | 12             | 4              | -              | -              | -            | -          |               |
| 5              | 5              | 6              | 11             | 6              | 13             | 16             | 14             | 20             | 12             | 20             | 11             | 8              | 1              | 2              | -              | -            | -          |               |
| -              | -              | 1              | 2              | 3              | 7              | 3              | 4              | 5              | 3              | 2              | -              | -              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 55             | 205            | 503            | 891            | 1,406          | 1,794          | 2,056          | 2,280          | 2,140          | 1,910          | 1,645          | 1,166          | 672            | 280            | 71             | 8              | 1            | 9          | 48            |
| 35             | 153            | 363            | 661            | 1,093          | 1,429          | 1,674          | 1,923          | 1,875          | 1,675          | 1,493          | 1,078          | 642            | 276            | 61             | 7              | -            | 6          |               |
| 20             | 51             | 137            | 225            | 307            | 360            | 379            | 350            | 261            | 251            | 150            | 87             | 30             | 14             | 9              | 1              | 1            | 3          |               |
| -              | 1              | 3              | 5              | 6              | 5              | 5              | 7              | 4              | 4              | -              | 1              | -              | -              | 1              | -              | -            | -          |               |
| 22             | 127            | 371            | 610            | 1,025          | 1,041          | 1,027          | 905            | 709            | 541            | 405            | 210            | 85             | 16             | 4              | -              | -            | 5          | 48a           |
| 15             | 88             | 271            | 475            | 702            | 840            | 862            | 874            | 792            | 594            | 492            | 370            | 195            | 81             | 10             | 4              | -            | 2          |               |
| 7              | 29             | 98             | 135            | 175            | 184            | 178            | 152            | 111            | 112            | 49             | 32             | 17             | 4              | 6              | -              | -            | 1          |               |
| -              | -              | 2              | 2              | 5              | 1              | 1              | 1              | 2              | 3              | -              | 1              | -              | -              | -              | -              | -            | -          |               |
| 33             | 78             | 132            | 281            | 524            | 769            | 1,015          | 1,253          | 1,235          | 1,201          | 1,102          | 763            | 462            | 205            | 55             | 4              | 1            | 6          | 48b           |
| 20             | 55             | 92             | 188            | 391            | 589            | 812            | 1,049          | 1,083          | 1,081          | 1,001          | 708            | 449            | 195            | 51             | 3              | -            | 3          |               |
| 13             | 22             | 39             | 90             | 132            | 176            | 201            | 198            | 150            | 119            | 101            | 55             | 13             | 10             | 3              | 1              | 1            | 2          |               |
| -              | 1              | 1              | 3              | 4              | 4              | 2              | 6              | 2              | 1              | -              | -              | -              | -              | 1              | -              | -            | -          |               |
| 46             | 58             | 128            | 245            | 398            | 669            | 794            | 865            | 830            | 728            | 619            | 405            | 197            | 81             | 21             | 1              | -            | 3          | 49            |
| 39             | 54             | 106            | 197            | 358            | 617            | 756            | 823            | 801            | 696            | 602            | 396            | 194            | 79             | 21             | -              | -            | 5          |               |
| 7              | 4              | 22             | 48             | 40             | 51             | 38             | 42             | 29             | 30             | 17             | 7              | 3              | 2              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 38             | 52             | 115            | 215            | 372            | 632            | 748            | 794            | 750            | 618            | 469            | 271            | 132            | 50             | 14             | 1              | -            | 3          | 49a, b        |
| 34             | 50             | 96             | 178            | 342            | 587            | 720            | 755            | 704            | 591            | 477            | 267            | 151            | 49             | 14             | -              | -            | 3          |               |
| 4              | 2              | 19             | 37             | 30             | 44             | 29             | 39             | 26             | 27             | 12             | 4              | 1              | 1              | 1              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 9              | 6              | 13             | 30             | 26             | 37             | 46             | 71             | 100            | 110            | 130            | 132            | 85             | 31             | 7              | -              | -            | -          | 49c-e         |
| 5              | 4              | 10             | 19             | 16             | 30             | 36             | 68             | 97             | 105            | 125            | 129            | 63             | 30             | 7              | -              | -            | -          |               |
| 3              | 2              | 3              | 11             | 10             | 7              | 10             | 3              | 3              | 3              | 5              | 3              | 2              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 18             | 124            | 333            | 653            | 1,272          | 1,811          | 2,299          | 2,430          | 2,245          | 2,342          | 1,995          | 1,642          | 1,044          | 537            | 172            | 32             | 3            | 7          | 50            |
| -              | 1              | 3              | 2              | 12             | 8              | 23             | 20             | 27             | 36             | 24             | 22             | 20             | 7              | 3              | 1              | -            | -          |               |
| 17             | 95             | 280            | 738            | 1,129          | 1,630          | 2,089          | 2,260          | 2,097          | 2,185          | 1,887          | 1,568          | 998            | 512            | 164            | 28             | 2            | 6          |               |
| -              | -              | 1              | 4              | 3              | 4              | 3              | 2              | 3              | 2              | 2              | 2              | -              | 1              | -              | -              | -            | -          |               |
| 1              | 29             | 19             | 108            | 125            | 168            | 175            | 145            | 116            | 119            | 81             | 50             | 24             | 17             | 5              | 3              | 1            | 1          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 71             | 110            | 121            | 90             | 99             | 142            | 303            | 624            | 1,177          | 1,879          | 2,572          | 2,717          | 1,774          | 829            | 179            | 24             | 4            | 9          | 51            |
| 71             | 108            | 118            | 80             | 64             | 102            | 220            | 499            | 1,026          | 1,698          | 2,382          | 2,554          | 1,708          | 795            | 157            | 22             | 1            | 5          |               |
| -              | 2              | 3              | 10             | 15             | 39             | 85             | 120            | 148            | 175            | 188            | 160            | 65             | 34             | 12             | 2              | 3            | 4          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 3              | 4              | 3              | 11             | 21             | 61             | 250            | 560            | 1,122          | 1,821          | 2,492          | 2,642          | 1,729          | 802            | 171            | 24             | 4            | 9          | 51b           |
| 3              | 4              | 1              | 6              | 15             | 48             | 178            | 446            | 965            | 1,643          | 2,309          | 2,484          | 1,667          | 775            | 159            | 22             | 1            | 5          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 68             | 106            | 118            | 79             | 78             | 61             | 53             | 64             | 55             | 58             | 80             | 75             | 45             | 27             | 8              | -              | -            | -          | 51a, c-e      |
| 68             | 104            | 117            | 72             | 69             | 54             | 42             | 53             | 41             | 55             | 75             | 70             | 41             | 22             | 8              | -              | -            | -          |               |
| -              | -              | 1              | 7              | 9              | 7              | 11             | 9              | 13             | 2              | 7              | 4              | 4              | 5              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 24             | 31             | 60             | 132            | 232            | 428            | 751            | 1,087          | 1,449          | 1,479          | 1,480          | 1,208          | 748            | 354            | 77             | 9              | 1            | 2          | 52            |
| 9              | 13             | 24             | 66             | 137            | 255            | 477            | 707            | 982            | 941            | 910            | 748            | 437            | 193            | 33             | 4              | -            | -          |               |
| 12             | 12             | 26             | 42             | 58             | 115            | 183            | 288            | 371            | 476            | 503            | 435            | 298            | 156            | 4              | -              | -            | 1          |               |
| 1              | 3              | 3              | 9              | 19             | 34             | 44             | 51             | 51             | 33             | 48             | 17             | 7              | 3              | 1              | 1              | -            | 1          |               |
| 1              | 3              | 7              | 15             | 17             | 23             | 26             | 40             | 40             | 29             | 15             | 8              | 5              | 2              | 1              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | 1              | 1              | 1              | 1              | 1              | 3              | -              | 1              | -              | -              | -              | -            | -          |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                        | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | II.—Cancer and other tumors—Continued                |              |              |        |         |         |         |               |              |                |                |
|               | Cancer and other malignant tumors—Continued          |              |              |        |         |         |         |               |              |                |                |
|               | Cancer of urinary organs—Continued                   |              |              |        |         |         |         |               |              |                |                |
| 52a           | Cancer of kidney-----                                | 3,342        | 15           | 35     | 31      | 40      | 39      | 160           | 53           | 12             | 14             |
|               | White-----Male-----                                  | 2,012        | 9            | 23     | 15      | 21      | 16      | 86            | 24           | 4              | 8              |
|               | Female-----  | 1,156        | 5            | 9      | 14      | 16      | 15      | 59            | 24           | 7              | 2              |
|               | Negro-----Male-----                                  | 106          | 1            | 2      | 1       | 3       | 3       | 10            | 3            | -              | 2              |
|               | Female-----  | 63           | -            | 1      | 1       | -       | 3       | 5             | 2            | 1              | 2              |
|               | Other-----Male-----                                  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 52b           | Cancer of bladder-----                               | 6,278        | 2            | 2      | 2       | 3       | 1       | 10            | -            | 1              | 1              |
|               | White-----Male-----                                  | 3,983        | 1            | 2      | 1       | 3       | 1       | 8             | -            | -              | 1              |
|               | Female-----  | 1,892        | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Negro-----Male-----                                  | 228          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 175          | -            | -      | 1       | -       | -       | 1             | -            | 1              | -              |
|               | Other-----Male-----                                  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 52c           | Cancer of other unspecified sites                    | 165          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Male-----                                  | 72           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 77           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male-----                                  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----                                  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 53            | Cancer of skin, etc.*-----                           | 3,568        | 4            | -      | 1       | 1       | 2       | 8             | 7            | 1              | 6              |
|               | White-----Male-----                                  | 2,063        | 3            | -      | -       | -       | 2       | 5             | 2            | -              | 1              |
|               | Female-----  | 1,406        | 1            | -      | -       | 1       | -       | 2             | 3            | 1              | 4              |
|               | Negro-----Male-----                                  | 44           | -            | -      | 1       | -       | -       | 1             | 2            | -              | -              |
|               | Female-----  | 49           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other-----Male-----                                  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 54            | Cancer of central nervous system*                    | 5,890        | 44           | 51     | 62      | 56      | 50      | 263           | 189          | 92             | 97             |
|               | White-----Male-----                                  | 2,294        | 21           | 30     | 31      | 25      | 23      | 130           | 83           | 42             | 63             |
|               | Female-----  | 1,413        | 18           | 17     | 26      | 22      | 23      | 106           | 70           | 38             | 27             |
|               | Negro-----Male-----                                  | 85           | 2            | 1      | 2       | 4       | 1       | 10            | 3            | 2              | 2              |
|               | Female-----  | 92           | 3            | 3      | 3       | 4       | 3       | 16            | 3            | 9              | 5              |
|               | Other-----Male-----                                  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female-----  | 3            | -            | -      | -       | 1       | -       | 1             | -            | -              | -              |
| 55            | Cancer of other and unspecified organs               | 14,875       | 30           | 49     | 39      | 35      | 41      | 194           | 107          | 135            | 205            |
|               | White-----Male-----                                  | 7,024        | 16           | 26     | 19      | 23      | 19      | 103           | 67           | 69             | 104            |
|               | Female-----  | 6,621        | 12           | 22     | 17      | 10      | 14      | 75            | 32           | 56             | 78             |
|               | Negro-----Male-----                                  | 595          | 2            | 1      | 2       | 2       | 6       | 13            | 4            | 5              | 16             |
|               | Female-----  | 576          | -            | -      | 1       | -       | 2       | 3             | 3            | 4              | 6              |
|               | Other-----Male-----                                  | 45           | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|               | Female-----  | 16           | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
| 56,57         | Nonmalignant tumors and tumors of unspecified nature | 5,344        | -            | 46     | 24      | 23      | 21      | 114           | 95           | 66             | 90             |
|               | White-----Male-----                                  | 1,753        | -            | 16     | 7       | 11      | 9       | 43            | 42           | 36             | 34             |
|               | Female-----  | 2,746        | -            | 23     | 15      | 7       | 8       | 51            | 39           | 32             | 41             |
|               | Negro-----Male-----                                  | 207          | -            | 3      | 2       | 2       | 2       | 9             | 8            | 9              | 9              |
|               | Female-----  | 624          | -            | 4      | 2       | 3       | 2       | 11            | 5            | 9              | 6              |
|               | Other-----Male-----                                  | 8            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 56            | Nonmalignant tumors (including dermoid cysts)        | 3,013        | -            | 18     | 11      | 10      | 7       | 46            | 31           | 30             | 40             |
|               | White-----Male-----                                  | 854          | -            | 9      | 3       | 5       | 4       | 21            | 17           | 12             | 13             |
|               | Female-----  | 1,780        | -            | 7      | 6       | 4       | 2       | 19            | 10           | 15             | 19             |
|               | Negro-----Male-----                                  | 62           | -            | 1      | 1       | -       | -       | 1             | 1            | 2              | 4              |
|               | Female-----  | 509          | -            | 2      | 1       | 1       | 1       | 5             | 2            | 1              | 4              |
|               | Other-----Male-----                                  | 3            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female-----  | 5            | -            | -      | -       | -       | -       | -             | -            | 3              | 3              |
| 56a-c         | Nonmalignant tumors of female genital organs         | 1,588        | -            | -      | -       | -       | -       | -             | 1            | 3              | 3              |
|               | White-----Female-----                                | 1,151        | -            | -      | -       | -       | -       | -             | -            | 3              | 3              |
|               | Negro-----Female-----                                | 434          | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Other-----Female-----                                | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 56d           | Nonmalignant tumors of central nervous system*       | 773          | -            | 11     | 7       | 5       | 3       | 26            | 11           | 17             | 15             |
|               | White-----Male-----                                  | 362          | -            | 5      | 2       | 1       | 3       | 11            | 6            | 10             | 5              |
|               | Female-----  | 358          | -            | 5      | 4       | 4       | -       | 13            | 4            | 6              | 7              |
|               | Negro-----Male-----                                  | 26           | -            | -      | 1       | -       | -       | 1             | 1            | -              | 1              |
|               | Female-----  | 24           | -            | 1      | -       | -       | -       | 1             | -            | 1              | 2              |
|               | Other-----Male-----                                  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 56e           | Nonmalignant tumors of other and unspecified organs  | 652          | -            | 7      | 4       | 5       | 4       | 20            | 19           | 10             | 22             |
|               | White-----Male-----                                  | 292          | -            | 4      | 1       | 4       | 1       | 10            | 11           | 2              | 8              |
|               | Female-----  | 271          | -            | 2      | 2       | -       | 2       | 6             | 6            | 6              | 9              |
|               | Negro-----Male-----                                  | 36           | -            | -      | -       | -       | -       | -             | -            | 2              | 3              |
|               | Female-----  | 51           | -            | 1      | 1       | 1       | 1       | 4             | 1            | -              | 2              |
|               | Other-----Male-----                                  | 1            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 57            | Tumors of unspecified nature                         | 2,331        | -            | 28     | 13      | 13      | 14      | 68            | 64           | 56             | 50             |
|               | White-----Male-----                                  | 1,099        | -            | 7      | 4       | 6       | 5       | 22            | 25           | 24             | 21             |
|               | Female-----  | 966          | -            | 16     | 7       | 3       | 6       | 32            | 29           | 17             | 22             |
|               | Negro-----Male-----                                  | 145          | -            | 3      | 1       | 2       | 2       | 8             | 7            | 7              | 5              |
|               | Female-----  | 115          | -            | 2      | 1       | 2       | 1       | 6             | 3            | 8              | 2              |
|               | Other-----Male-----                                  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 57a-c         | Tumors, female genital organs*                       | 58           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White-----Female-----                                | 46           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Female-----                                | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----                                | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 57d           | Tumors, central nervous system*                      | 1,550        | -            | 21     | 11      | 11      | 10      | 53            | 61           | 54             | 46             |
|               | White-----Male-----                                  | 786          | -            | 6      | 4       | 5       | 4       | 19            | 23           | 24             | 20             |
|               | Female-----  | 630          | -            | 13     | 5       | 3       | 3       | 24            | 28           | 15             | 19             |
|               | Negro-----Male-----                                  | 89           | -            | 1      | 1       | 1       | 2       | 5             | 7            | 7              | 5              |
|               | Female-----  | 62           | -            | 1      | 1       | 2       | 1       | 5             | 3            | 8              | 2              |
|               | Other-----Male-----                                  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                                  | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | II.—Cancer and other tumors—Continued                          |              |              |        |         |         |         |               |              |                |                |
|               | Nonmalignant tumors and tumors of unspecified nature—Continued |              |              |        |         |         |         |               |              |                |                |
| 57e           | Tumors of unspecified nature—Continued                         |              |              |        |         |         |         |               |              |                |                |
|               | Tumors, other organs*—   | 725          | -            | 7      | 2       | 2       | 4       | 15            | 3            | 2              | 4              |
|               | White—Male—  | 353          | -            | 1      | -       | 1       | 1       | 3             | 2            | -              | 1              |
|               | Female—  | 290          | -            | 5      | 2       | -       | 3       | 8             | 1            | 2              | 3              |
|               | Negro—Male—  | 56           | -            | 2      | -       | 1       | -       | 3             | -            | -              | -              |
|               | Female—  | 41           | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Other—Male—  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | III.—Rheumatism, diseases of nutrition*—                       | 46,750       | 948          | 146    | 61      | 51      | 56      | 1,282         | 265          | 293            | 281            |
|               | White—Male—  | 15,991       | 458          | 71     | 32      | 17      | 29      | 607           | 85           | 98             | 91             |
|               | Female—  | 26,850       | 348          | 60     | 18      | 23      | 19      | 488           | 123          | 135            | 123            |
|               | Negro—Male—  | 1,232        | 81           | 10     | 7       | 6       | 5       | 108           | 23           | 25             | 28             |
|               | Female—  | 2,511        | 54           | 5      | 3       | 5       | 3       | 70            | 33           | 35             | 37             |
|               | Other—Male—  | 84           | 6            | -      | -       | -       | -       | 6             | -            | -              | -              |
|               | Female—  | 62           | 1            | -      | 1       | -       | -       | 2             | 1            | -              | 2              |
| 58            | Acute rheumatic fever—   | 927          | 9            | 9      | 10      | 15      | 25      | 68            | 151          | 152            | 87             |
|               | White—Male—  | 344          | -            | 1      | 3       | 4       | 12      | 20            | 50           | 55             | 33             |
|               | Female—  | 580          | 6            | 5      | 4       | 4       | 7       | 24            | 62           | 61             | 30             |
|               | Negro—Male—  | 97           | 1            | 4      | 1       | 3       | 3       | 12            | 15           | 16             | 11             |
|               | Female—  | 121          | 2            | 1      | 2       | 4       | 3       | 12            | 24           | 20             | 13             |
|               | Other—Male—  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 58a           | Acute rheumatic pericarditis—                                  | 35           | -            | 1      | -       | -       | 1       | 2             | 7            | 8              | 4              |
|               | White—Male—  | 14           | -            | -      | -       | -       | -       | 1             | 1            | 3              | 1              |
|               | Female—  | 10           | -            | -      | -       | -       | 1       | 1             | 3            | 3              | 2              |
|               | Negro—Male—  | 4            | -            | -      | -       | -       | -       | 2             | 2            | -              | -              |
|               | Female—  | 7            | -            | 1      | -       | -       | -       | 1             | 1            | 2              | 1              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 58b           | Acute rheumatic endocarditis—                                  | 205          | -            | 5      | 1       | 2       | 6       | 14            | 20           | 39             | 30             |
|               | White—Male—  | 87           | -            | 1      | 1       | 1       | 2       | 5             | 9            | 16             | 11             |
|               | Female—  | 86           | -            | 3      | -       | -       | 2       | 5             | 14           | 16             | 5              |
|               | Negro—Male—  | 11           | -            | 1      | -       | -       | 1       | 2             | -            | 1              | 1              |
|               | Female—  | 21           | -            | -      | -       | 1       | 1       | 2             | 5            | 6              | 3              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 58c           | Acute rheumatic myocarditis—                                   | 106          | -            | -      | 2       | -       | -       | 2             | 19           | 16             | 9              |
|               | White—Male—  | 35           | -            | -      | -       | -       | -       | -             | 8            | 4              | 3              |
|               | Female—  | 41           | -            | -      | 1       | -       | -       | 1             | 8            | 8              | 3              |
|               | Negro—Male—  | 14           | -            | -      | -       | -       | -       | -             | 2            | 3              | 1              |
|               | Female—  | 15           | -            | -      | 1       | -       | -       | 1             | 1            | 1              | 2              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 58d           | Other acute rheumatic heart diseases—                          | 206          | 2            | 2      | 2       | 4       | 12      | 22            | 42           | 58             | 22             |
|               | White—Male—  | 78           | -            | -      | -       | -       | 6       | 6             | 14           | 13             | 11             |
|               | Female—  | 84           | 1            | -      | 2       | 2       | 4       | 9             | 18           | 16             | 7              |
|               | Negro—Male—  | 16           | -            | 2      | -       | -       | 1       | 5             | 3            | 4              | 2              |
|               | Female—  | 26           | 1            | -      | -       | 2       | 1       | 4             | 7            | 5              | 2              |
|               | Other—Male—  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 58e,f         | Other forms of acute rheumatic fever, etc.*—                   | 375          | 7            | 1      | 5       | 9       | 6       | 28            | 55           | 51             | 32             |
|               | White—Male—  | 130          | -            | -      | 2       | 3       | 4       | 9             | 18           | 19             | 7              |
|               | Female—  | 139          | 5            | -      | 1       | 2       | -       | 8             | 19           | 18             | 13             |
|               | Negro—Male—  | 52           | 1            | 1      | 1       | 3       | 1       | 7             | 8            | 8              | 7              |
|               | Female—  | 52           | 1            | -      | 1       | 1       | 1       | 4             | 10           | 6              | 5              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 59            | Chronic rheumatism, other rheumatic diseases—                  | 1,827        | -            | -      | -       | -       | -       | -             | 8            | 5              | 7              |
|               | White—Male—  | 801          | -            | -      | -       | -       | -       | -             | -            | -              | 4              |
|               | Female—  | 1,096        | -            | -      | -       | -       | -       | -             | 4            | 4              | 3              |
|               | Negro—Male—  | 32           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 75           | -            | -      | -       | -       | -       | -             | 2            | -              | -              |
|               | Other—Male—  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 60            | Gout—  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White—Male—  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 61            | Diabetes mellitus—   | 38,650       | 19           | 21     | 8       | 12      | 9       | 69            | 56           | 101            | 139            |
|               | White—Male—  | 13,456       | 7            | 6      | 3       | 4       | 5       | 27            | 16           | 26             | 37             |
|               | Female—  | 22,339       | 11           | 12     | 2       | 7       | 4       | 56            | 30           | 56             | 68             |
|               | Negro—Male—  | 858          | 1            | -      | 1       | -       | -       | 2             | 5            | 5              | 14             |
|               | Female—  | 1,866        | -            | 1      | 1       | 1       | -       | 3             | 5            | 14             | 19             |
|               | Other—Male—  | 70           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 49           | -            | -      | 1       | -       | -       | 1             | -            | -              | 1              |
| 62            | Diseases of pituitary gland—                                   | 152          | 5            | 1      | 1       | -       | 2       | 9             | 3            | 5              | 4              |
|               | White—Male—  | 57           | 3            | -      | -       | -       | -       | 3             | 2            | 2              | -              |
|               | Female—  | 80           | 1            | 1      | -       | -       | 2       | 4             | 1            | 3              | 3              |
|               | Negro—Male—  | 6            | -            | -      | 1       | -       | -       | 1             | -            | -              | 1              |
|               | Female—  | 9            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Other—Male—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 63            | Diseases of thyroid and parathyroid glands—                    | 2,513        | 33           | 11     | 5       | 4       | 1       | 54            | 12           | 9              | 15             |
|               | White—Male—  | 431          | 11           | 5      | 4       | 3       | 1       | 24            | 6            | 5              | 2              |
|               | Female—  | 1,832        | 19           | 6      | 1       | 1       | -       | 27            | 6            | 4              | 9              |
|               | Negro—Male—  | 23           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female—  | 221          | 3            | -      | -       | -       | -       | 3             | -            | -              | 2              |
|               | Other—Male—  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSES OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | III.—Rheumatism, dis. of nutrition*—Con.           |              |              |        |         |         |         |               |              |                |                |
|               | Diseases of thyroid and parathyroid glands—Con.    |              |              |        |         |         |         |               |              |                |                |
| 63a           | Simple goiter                                      | 136          | 3            | -      | -       | -       | -       | 3             | -            | 1              | -              |
|               | White—Male   | 28           | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Female   | 86           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|               | Negro—Male   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 21           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 63b           | Exophthalmic goiter                                | 1,976        | -            | -      | -       | -       | -       | -             | 1            | 3              | 11             |
|               | White—Male   | 283          | -            | -      | -       | -       | -       | -             | -            | 2              | 1              |
|               | Female   | 1,473        | -            | -      | -       | -       | -       | -             | 1            | 1              | 7              |
|               | Negro—Male   | 19           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female   | 186          | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Other—Male   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 63c-e         | Other diseases of thyroid and parathyroid glands   | 401          | 30           | 11     | 5       | 4       | 1       | 51            | 11           | 5              | 4              |
|               | White—Male   | 110          | 8            | 5      | 4       | 3       | 1       | 21            | 6            | 3              | 1              |
|               | Female   | 273          | 19           | 6      | 1       | 1       | -       | 27            | 5            | 2              | 2              |
|               | Negro—Male   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 14           | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Other—Male   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 64            | Diseases of thymus gland                           | 828          | 689          | 45     | 17      | 8       | 8       | 767           | 20           | 12             | 7              |
|               | White—Male   | 423          | 358          | 25     | 11      | 1       | 2       | 397           | 7            | 7              | 4              |
|               | Female   | 293          | 239          | 15     | 5       | 7       | 5       | 271           | 10           | 3              | 1              |
|               | Negro—Male   | 66           | 55           | 4      | 1       | 1       | 1       | 61            | 1            | 2              | -              |
|               | Female   | 41           | 33           | 1      | -       | -       | -       | 34            | 1            | -              | 2              |
|               | Other—Male   | 3            | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Female   | 2            | 1            | -      | -       | -       | -       | 1             | 1            | -              | -              |
| 65            | Diseases of adrenal glands*                        | 492          | 32           | 15     | 4       | 1       | 2       | 54            | 7            | 2              | 11             |
|               | White—Male   | 211          | 19           | 6      | 2       | -       | 2       | 29            | 3            | 2              | 6              |
|               | Female   | 249          | 9            | 6      | 2       | -       | -       | 17            | 3            | -              | 4              |
|               | Negro—Male   | 20           | 2            | 1      | -       | 1       | -       | 4             | 1            | -              | 1              |
|               | Female   | 10           | 1            | 2      | -       | -       | -       | 3             | -            | -              | -              |
|               | Other—Male   | 2            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 66            | Other general diseases                             | 496          | 118          | 32     | 12      | 6       | 5       | 173           | 8            | 5              | 10             |
|               | White—Male   | 198          | 46           | 17     | 7       | 3       | 4       | 77            | 1            | 1              | 5              |
|               | Female   | 210          | 50           | 14     | 4       | 3       | 1       | 72            | 6            | 3              | 5              |
|               | Negro—Male   | 44           | 12           | 1      | 1       | -       | -       | 14            | -            | -              | -              |
|               | Female   | 43           | 9            | -      | -       | -       | -       | 9             | 1            | 1              | -              |
|               | Other—Male   | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 67            | Scurvy   | 12           | 4            | 2      | -       | -       | -       | 6             | 1            | -              | -              |
|               | White—Male   | 5            | -            | 2      | -       | -       | -       | 2             | -            | -              | -              |
|               | Female   | 6            | 3            | -      | -       | -       | -       | 3             | 1            | -              | -              |
|               | Negro—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Other—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 68            | Beriberi   | 66           | 1            | 1      | 1       | -       | -       | 3             | -            | 1              | -              |
|               | White—Male   | 33           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 24           | 1            | 1      | -       | -       | -       | 2             | -            | -              | -              |
|               | Negro—Male   | 6            | -            | -      | 1       | -       | -       | 1             | -            | 1              | -              |
|               | Female   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 69            | Pellagra (except alcoholic)                        | 606          | 1            | -      | -       | -       | 1       | 2             | -            | -              | 1              |
|               | White—Male   | 164          | 1            | -      | -       | -       | 1       | 2             | -            | -              | -              |
|               | Female   | 296          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Male   | 37           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female   | 106          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 70            | Rickets  | 41           | 26           | 7      | 1       | 4       | 2       | 40            | -            | -              | -              |
|               | White—Male   | 16           | 8            | 5      | -       | 2       | 1       | 16            | -            | -              | -              |
|               | Female   | 10           | 6            | 2      | -       | 1       | -       | 9             | -            | -              | -              |
|               | Negro—Male   | 11           | 8            | -      | 1       | 1       | 1       | 11            | -            | -              | -              |
|               | Female   | 3            | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Other—Male   | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 71            | Other avitaminoses                                 | 129          | 11           | 2      | 2       | 1       | 1       | 17            | 1            | 1              | -              |
|               | White—Male   | 49           | 5            | 2      | 2       | -       | 1       | 10            | -            | -              | -              |
|               | Female   | 55           | 3            | -      | -       | -       | -       | 3             | -            | 1              | -              |
|               | Negro—Male   | 12           | 2            | -      | -       | 1       | -       | 3             | 1            | -              | -              |
|               | Female   | 13           | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Other—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | IV.—Diseases of the blood and blood-forming organs | 11,697       | 514          | 190    | 206     | 181     | 149     | 1,250         | 401          | 262            | 314            |
|               | White—Male   | 8,054        | 242          | 89     | 103     | 98      | 70      | 602           | 233          | 143            | 163            |
|               | Female   | 4,836        | 200          | 70     | 82      | 83      | 67      | 502           | 140          | 109            | 114            |
|               | Negro—Male   | 411          | 41           | 13     | 13      | 4       | 5       | 76            | 15           | 18             | 18             |
|               | Female   | 355          | 27           | 15     | 7       | 4       | 7       | 60            | 13           | 11             | 16             |
|               | Other—Male   | 22           | 2            | 2      | 1       | 1       | -       | 6             | -            | -              | 1              |
|               | Female   | 19           | 2            | 1      | -       | 1       | -       | 4             | -            | 1              | 2              |
| 72            | Hemorrhagic conditions                             | 544          | 129          | 20     | 13      | 8       | 5       | 175           | 24           | 23             | 29             |
|               | White—Male   | 260          | 68           | 11     | 9       | 5       | 2       | 95            | 14           | 10             | 13             |
|               | Female   | 230          | 42           | 8      | 3       | 3       | 3       | 59            | 9            | 10             | 13             |
|               | Negro—Male   | 21           | 9            | -      | 1       | -       | -       | 10            | -            | 2              | 1              |
|               | Female   | 28           | 9            | -      | -       | -       | -       | 9             | 1            | 1              | 1              |
|               | Other—Male   | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female   | 3            | 1            | -      | -       | -       | -       | 1             | -            | -              | 1              |

\*Refer to International List for complete title, table IX.

GENERAL TABLES—DEATHS FROM EACH CAUSE

RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 1              | 2              | 3              | 6              | 7              | 8              | 16             | 13             | 16             | 16             | 21             | 12             | 6              | 4              | 1              | -              | -            | -          | 63a           |
| 1              | 1              | 1              | 2              | 4              | 4              | 7              | 9              | 11             | 10             | 16             | 7              | 6              | 4              | 1              | -              | -            | -          | 63b           |
| -              | 1              | 1              | 1              | 2              | 4              | 2              | 2              | 4              | 5              | 1              | 1              | -              | -              | -              | -              | -            | -          | 63c-o         |
| 23             | 37             | 61             | 66             | 110            | 120            | 215            | 217            | 302            | 299            | 272            | 157            | 59             | 16             | 7              | 1              | -            | -          | 64            |
| 5              | 5              | 10             | 8              | 18             | 22             | 31             | 45             | 58             | 56             | 28             | 10             | 4              | 1              | -              | -              | -            | -          | 65            |
| 13             | 16             | 32             | 41             | 66             | 69             | 159            | 157            | 214            | 245            | 235            | 142            | 53             | 15             | 7              | -              | -            | -          | 66            |
| 1              | 1              | -              | 1              | 4              | 4              | 3              | 3              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 67            |
| 6              | 15             | 19             | 16             | 19             | 25             | 19             | 12             | 19             | 17             | 8              | 5              | 2              | -              | 1              | -              | -            | -          | 68            |
| -              | -              | -              | -              | 2              | -              | 1              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | 69            |
| 2              | 4              | 15             | 6              | 20             | 25             | 24             | 31             | 44             | 56             | 52             | 31             | 17             | 5              | -              | -              | -            | -          | 70            |
| -              | -              | 6              | 1              | 6              | 3              | 7              | 12             | 12             | 17             | 7              | 4              | 4              | -              | -              | -              | -            | -          | 71            |
| 2              | 4              | 6              | 4              | 11             | 18             | 15             | 18             | 31             | 39             | 44             | 27             | 13             | 5              | -              | -              | -            | -          | 72            |
| -              | -              | 1              | -              | 1              | -              | 1              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          | 73            |
| -              | -              | 2              | 1              | 3              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 74            |
| 7              | 5              | -              | 3              | -              | 3              | 1              | 2              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 75            |
| 2              | 2              | -              | 1              | -              | 3              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 76            |
| 2              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 77            |
| 1              | 3              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 78            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 79            |
| 9              | 15             | 31             | 33             | 50             | 44             | 41             | 51             | 45             | 42             | 24             | 20             | 10             | 2              | 1              | -              | -            | -          | 80            |
| 5              | 5              | 10             | 9              | 9              | 13             | 17             | 30             | 20             | 21             | 14             | 11             | 4              | 2              | 1              | -              | -            | -          | 81            |
| 4              | 8              | 20             | 24             | 36             | 28             | 21             | 20             | 23             | 16             | 9              | 9              | 6              | -              | -              | -              | -            | -          | 82            |
| -              | 1              | 1              | -              | 2              | 1              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 83            |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | 84            |
| 10             | 17             | 13             | 24             | 24             | 21             | 19             | 31             | 24             | 22             | 22             | 27             | 18             | 19             | 7              | 2              | -            | -          | 85            |
| 3              | 6              | 11             | 8              | 8              | 4              | 12             | 18             | 7              | 12             | 4              | 13             | 6              | 9              | 3              | -              | -            | -          | 86            |
| 4              | 2              | 5              | 9              | 9              | 12             | 6              | 7              | 4              | 7              | 12             | 13             | 10             | 6              | 4              | -              | -            | -          | 87            |
| 2              | 3              | 5              | 2              | 3              | 4              | 1              | 2              | 1              | 2              | 3              | 1              | 1              | 3              | 2              | -              | -            | -          | 88            |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 89            |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | 1              | 1              | 2              | -              | -              | -              | -              | -            | -          | 90            |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | 1              | 1              | 1              | -              | -              | -              | -              | -            | -          | 91            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 92            |
| -              | 1              | 3              | 4              | 2              | 5              | 8              | 6              | 9              | 8              | 7              | 6              | 4              | 1              | -              | -              | -            | -          | 93            |
| -              | 1              | 2              | 3              | 1              | 2              | 4              | 4              | 7              | 5              | 3              | 2              | 2              | 1              | -              | -              | -            | -          | 94            |
| -              | -              | 1              | 1              | 1              | 1              | 1              | 2              | 2              | 4              | 3              | 1              | 2              | 1              | -              | -              | -            | -          | 95            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          | 96            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 97            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 98            |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 99            |
| 5              | 6              | 6              | 8              | 18             | 18             | 30             | 30             | 56             | 65             | 104            | 114            | 65             | 44             | 10             | 3              | 1            | 2          | 100           |
| 1              | 2              | -              | 2              | 2              | 4              | 5              | 10             | 11             | 22             | 32             | 39             | 19             | 11             | 3              | 1              | -            | -          | 101           |
| 4              | 4              | 3              | 5              | 6              | 8              | 11             | 11             | 22             | 41             | 58             | 65             | 39             | 25             | 5              | 1              | -            | -          | 102           |
| -              | -              | -              | -              | 4              | 2              | 4              | 3              | 6              | 5              | 3              | 3              | 1              | 7              | 1              | -              | -            | -          | 103           |
| -              | -              | -              | -              | 6              | 4              | 9              | 6              | 17             | 15             | 10             | 7              | 5              | 1              | 2              | -              | -            | -          | 104           |
| -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          | 105           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 106           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 107           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 108           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 109           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 110           |
| 3              | 1              | 1              | 2              | 3              | 6              | 9              | 4              | 5              | 13             | 18             | 14             | 13             | 15             | 2              | 1              | -            | -          | 111           |
| 2              | -              | -              | 1              | 1              | 2              | 3              | 1              | 3              | 6              | 6              | 4              | 6              | 5              | 1              | -              | -            | -          | 112           |
| 1              | -              | -              | 1              | 1              | 2              | 6              | 2              | 1              | 4              | 10             | 9              | 4              | 9              | 1              | -              | -            | -          | 113           |
| -              | -              | -              | 1              | 2              | 2              | -              | 1              | 1              | 2              | 1              | 1              | 1              | 1              | -              | -              | -            | -          | 114           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 115           |
| 295            | 307            | 327            | 390            | 425            | 507            | 766            | 989            | 1,150          | 1,178          | 1,140          | 972            | 602            | 251            | 54             | 14             | 2            | 5          | 116           |
| 142            | 151            | 147            | 186            | 211            | 268            | 385            | 517            | 627            | 645            | 616            | 546            | 312            | 132            | 20             | 4              | -            | 2          | 117           |
| 117            | 119            | 136            | 164            | 154            | 260            | 314            | 411            | 481            | 482            | 495            | 414            | 281            | 117            | 32             | 9              | 1            | 2          | 118           |
| 17             | 12             | 23             | 18             | 31             | 29             | 34             | 28             | 38             | 25             | 15             | 5              | 4              | 1              | 2              | -              | -            | -          | 119           |
| 16             | 21             | 18             | 18             | 25             | 27             | 31             | 32             | 21             | 22             | 10             | 7              | 5              | 1              | -              | -              | -            | -          | 120           |
| 1              | 1              | -              | 3              | 1              | 2              | -              | 1              | 1              | 1              | 4              | -              | -              | -              | -              | -              | -            | -          | 121           |
| -              | 3              | 1              | 1              | 1              | 1              | 1              | -              | 2              | 2              | -              | -              | -              | -              | -              | -              | -            | -          | 122           |
| 30             | 27             | 20             | 26             | 28             | 17             | 16             | 32             | 21             | 19             | 25             | 11             | 11             | 8              | 2              | 1              | -            | -          | 123           |
| 16             | 8              | 5              | 12             | 16             | 7              | 8              | 13             | 11             | 6              | 7              | 7              | 9              | 1              | 2              | -              | -            | -          | 124           |
| 11             | 16             | 13             | 10             | 9              | 6              | 7              | 18             | 8              | 13             | 14             | 4              | 2              | 7              | -              | -              | -            | -          | 125           |
| 2              | -              | 1              | -              | 2              | -              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 126           |
| 1              | 3              | 1              | 4              | 1              | 4              | -              | -              | -              | -              | 1              | -              | 1              | -              | -              | -              | -            | -          | 127           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 128           |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                                | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | IV.—Diseases of the blood and blood-forming organs—Continued |              |              |        |         |         |         |               |              |                |                |
| 73            | Anemias(except splenic anemia)-----                          | 2,605        | 166          | 40     | 13      | 7       | 10      | 236           | 27           | 27             | 33             |
|               | White-----Male-----  | 1,156        | 74           | 17     | 3       | 1       | 3       | 96            | 13           | 6              | 10             |
|               | Female-----  | 1,181        | 60           | 10     | 4       | 2       | 5       | 81            | 6            | 11             | 10             |
|               | Negro-----Male-----  | 122          | 19           | 4      | 3       | 2       | -       | 28            | 5            | 3              | 6              |
|               | Female-----  | 139          | 12           | 8      | 3       | 1       | 2       | 26            | 3            | 5              | 7              |
|               | Other-----Male-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 5            | 1            | 1      | -       | 1       | -       | 3             | -            | -              | -              |
| 73a           | Pernicious anemia-----                                       | 1,453        | 1            | -      | -       | -       | 1       | 2             | 2            | 3              | 3              |
|               | White-----Male-----  | 670          | 1            | -      | -       | -       | -       | 1             | 1            | 2              | -              |
|               | Female-----  | 712          | -            | -      | -       | -       | 1       | 1             | 1            | 1              | 2              |
|               | Negro-----Male-----  | 27           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 41           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other-----Male-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 73b-d         | Other anemias (except splenic)-----                          | 1,152        | 165          | 40     | 13      | 7       | 9       | 234           | 25           | 24             | 30             |
|               | White-----Male-----  | 496          | 73           | 17     | 4       | 1       | 3       | 97            | 12           | 6              | 10             |
|               | Female-----  | 469          | 60           | 10     | 4       | 2       | 4       | 80            | 5            | 10             | 8              |
|               | Negro-----Male-----  | 95           | 19           | 4      | 3       | 2       | -       | 28            | 5            | 3              | 6              |
|               | Female-----  | 98           | 12           | 8      | 3       | 1       | 2       | 26            | 5            | 5              | 6              |
|               | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 4            | 1            | 1      | -       | 1       | -       | 3             | -            | -              | -              |
| 74            | Leukemias and aleukemias-----                                | 7,782        | 150          | 113    | 172     | 171     | 125     | 731           | 335          | 221            | 233            |
|               | White-----Male-----  | 4,267        | 68           | 52     | 86      | 90      | 62      | 358           | 198          | 122            | 131            |
|               | Female-----  | 3,102        | 72           | 46     | 74      | 75      | 57      | 324           | 121          | 82             | 83             |
|               | Negro-----Male-----  | 229          | 5            | 7      | 3       | 2       | 2       | 24            | 9            | 11             | 10             |
|               | Female-----  | 159          | 3            | 7      | 3       | 3       | 4       | 20            | 7            | 5              | 7              |
|               | Other-----Male-----  | 17           | 2            | 1      | 1       | 1       | -       | 5             | -            | -              | 1              |
|               | Female-----  | 10           | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
| 74a           | Leukemias-----   | 7,448        | 145          | 113    | 169     | 163     | 122     | 712           | 315          | 210            | 223            |
|               | White-----Male-----  | 4,081        | 64           | 52     | 86      | 85      | 61      | 348           | 185          | 116            | 124            |
|               | Female-----  | 2,951        | 71           | 46     | 71      | 72      | 55      | 315           | 115          | 77             | 81             |
|               | Negro-----Male-----  | 225          | 5            | 7      | 8       | 2       | 2       | 24            | 9            | 11             | 9              |
|               | Female-----  | 154          | 3            | 7      | 3       | 3       | 4       | 20            | 6            | 5              | 7              |
|               | Other-----Male-----  | 17           | 2            | 1      | 1       | 1       | -       | 5             | -            | -              | 1              |
|               | Female-----  | 10           | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
| 74b           | Aleukemias-----  | 334          | 5            | -      | 3       | 8       | 3       | 19            | 20           | 11             | 10             |
|               | White-----Male-----  | 176          | 4            | -      | 5       | 1       | 1       | 10            | 13           | 6              | 7              |
|               | Female-----  | 151          | 1            | -      | 3       | 3       | 2       | 9             | 6            | 5              | 2              |
|               | Negro-----Male-----  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female-----  | 4            | -            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 75            | Diseases of spleen-----                                      | 474          | 31           | 8      | 5       | 4       | 7       | 55            | 10           | 6              | 14             |
|               | White-----Male-----  | 235          | 15           | 4      | 3       | 1       | 1       | 24            | 6            | 3              | 5              |
|               | Female-----  | 194          | 10           | 3      | -       | 3       | 2       | 18            | 1            | 3              | 7              |
|               | Negro-----Male-----  | 26           | 5            | 1      | 1       | -       | 3       | 10            | 1            | -              | 1              |
|               | Female-----  | 18           | 1            | -      | 1       | -       | 1       | 3             | 2            | -              | -              |
|               | Other-----Male-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 76            | Other disease of blood and blood-forming organs-----         | 292          | 38           | 9      | 3       | 1       | 2       | 53            | 5            | 5              | 5              |
|               | White-----Male-----  | 136          | 17           | 5      | 2       | 1       | 2       | 27            | 2            | 3              | 3              |
|               | Female-----  | 129          | 16           | 3      | 1       | -       | -       | 20            | 3            | 3              | 1              |
|               | Negro-----Male-----  | 14           | 3            | 1      | -       | -       | -       | 4             | -            | 2              | 1              |
|               | Female-----  | 12           | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
|               | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | V.—Chronic poisoning and intoxication-----                   | 2,550        | 1            | 7      | 8       | 4       | 5       | 23            | 3            | -              | 9              |
|               | White-----Male-----  | 1,784        | -            | 2      | 2       | 1       | 1       | 6             | 1            | -              | 4              |
|               | Female-----  | 322          | -            | 1      | 3       | 1       | 1       | 6             | -            | -              | 1              |
|               | Negro-----Male-----  | 312          | 1            | 4      | 2       | 1       | -       | 8             | 1            | -              | 2              |
|               | Female-----  | 108          | -            | -      | 1       | 1       | 1       | 3             | 1            | -              | 2              |
|               | Other-----Male-----  | 18           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 77            | Alcoholism (ethylism)-----                                   | 2,433        | 1            | 1      | -       | 1       | 2       | 5             | 3            | -              | 8              |
|               | White-----Male-----  | 1,715        | -            | -      | -       | -       | -       | 1             | 1            | -              | 4              |
|               | Female-----  | 295          | -            | -      | -       | -       | 1       | -             | -            | -              | -              |
|               | Negro-----Male-----  | 296          | 1            | 1      | -       | -       | -       | 2             | 1            | -              | 2              |
|               | Female-----  | 106          | -            | -      | -       | 1       | 1       | 2             | 1            | -              | -              |
|               | Other-----Male-----  | 15           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 78            | Lead poisoning-----  | 46           | -            | 6      | 8       | 3       | 1       | 18            | -            | -              | -              |
|               | White-----Male-----  | 52           | -            | 2      | 2       | 1       | 1       | 6             | -            | -              | -              |
|               | Female-----  | 5            | -            | 1      | 3       | 1       | -       | 5             | -            | -              | -              |
|               | Negro-----Male-----  | 9            | -            | 3      | 2       | 1       | -       | 6             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
|               | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 79            | Chronic poisoning by other mineral substances*-----          | 71           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | White-----Male-----  | 37           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 22           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro-----Male-----  | 8            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | VI.—Diseases of the nervous system, etc.*-----               | 145,534      | 1,575        | 569    | 287     | 206     | 166     | 2,803         | 576          | 467            | 572            |
|               | White-----Male-----  | 63,236       | 730          | 259    | 125     | 96      | 73      | 1,283         | 278          | 226            | 267            |
|               | Female-----  | 63,527       | 509          | 215    | 102     | 71      | 68      | 965           | 216          | 152            | 189            |
|               | Negro-----Male-----  | 8,728        | 178          | 40     | 31      | 24      | 16      | 289           | 40           | 45             | 67             |
|               | Female-----  | 9,624        | 134          | 49     | 25      | 12      | 9       | 229           | 39           | 39             | 45             |
|               | Other-----Male-----  | 256          | 14           | 5      | 2       | -       | -       | 21            | 1            | 1              | 2              |
|               | Female-----  | 163          | 10           | 1      | 2       | 3       | -       | 16            | 2            | 4              | 2              |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 59             | 27             | 35             | 35             | 50             | 73             | 115            | 130            | 205            | 261            | 364            | 422            | 315            | 763            | 35             | 11             | 2            | 1          | 73            |
| 11             | 5              | 6              | 9              | 14             | 29             | 47             | 60             | 92             | 125            | 170            | 212            | 144            | 84             | 15             | 4              | -            | -          | -             |
| 17             | 12             | 15             | 16             | 22             | 29             | 47             | 53             | 92             | 113            | 181            | 207            | 166            | 77             | 18             | 6              | 1            | 1          | -             |
| 5              | 2              | 8              | 5              | 6              | 6              | 8              | 6              | 11             | 11             | 5              | 2              | 2              | 1              | 2              | -              | 1            | -          | -             |
| 6              | 6              | 6              | 6              | 7              | 9              | 13             | 11             | 8              | 11             | 6              | 2              | 3              | 1              | 1              | -              | -            | -          | -             |
| -              | -              | -              | -              | 1              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 4              | 4              | 5              | 9              | 17             | 34             | 52             | 63             | 111            | 179            | 273            | 312            | 237            | 117            | 21             | 5              | -            | -          | 73a           |
| 1              | -              | 1              | 1              | 5              | 12             | 20             | 28             | 48             | 87             | 127            | 154            | 107            | 65             | 9              | 3              | -            | -          | -             |
| 3              | 2              | 3              | 6              | 8              | 15             | 19             | 28             | 55             | 81             | 137            | 157            | 128            | 51             | 12             | 2              | -            | -          | -             |
| -              | 2              | 1              | 2              | 2              | 4              | 7              | 5              | 4              | 5              | 5              | 1              | 2              | 1              | -              | -              | -            | -          | -             |
| -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | 2              | -              | -              | -              | -              | -              | -            | -          | -             |
| 35             | 23             | 30             | 27             | 33             | 39             | 63             | 67             | 92             | 82             | 91             | 110            | 78             | 46             | 14             | 6              | 2            | 1          | 73b-d         |
| 10             | 5              | 5              | 8              | 9              | 17             | 27             | 32             | 46             | 39             | 43             | 58             | 37             | 19             | 6              | 1              | -            | -          | -             |
| 14             | 10             | 12             | 10             | 14             | 14             | 28             | 25             | 37             | 32             | 44             | 50             | 38             | 26             | 6              | 4              | 1            | 1          | -             |
| 5              | 2              | 8              | 5              | 5              | 3              | 2              | 4              | 5              | 5              | 3              | 1              | 2              | -              | 2              | 2              | 1            | -          | -             |
| 6              | 6              | 5              | 4              | 5              | 5              | 6              | 6              | 4              | 6              | 1              | 1              | 1              | 1              | 1              | 1              | -            | -          | -             |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 206            | 219            | 248            | 238            | 305            | 445            | 572            | 762            | 843            | 833            | 698            | 501            | 251            | 73             | 16             | 2              | -            | 3          | 74            |
| 108            | 123            | 124            | 142            | 169            | 214            | 299            | 407            | 486            | 475            | 409            | 309            | 146            | 43             | 3              | -              | -            | -          | -             |
| 79             | 77             | 101            | 125            | 102            | 194            | 236            | 315            | 320            | 333            | 277            | 184            | 103            | 30             | 13             | 2              | -            | 1          | -             |
| 9              | 8              | 13             | 12             | 19             | 21             | 21             | 19             | 24             | 12             | 9              | 4              | 2              | -              | -              | -              | -            | 1          | -             |
| 9              | 6              | 9              | 6              | 14             | 11             | 15             | 21             | 11             | 11             | 2              | 4              | -              | -              | -              | -              | -            | -          | -             |
| 1              | 1              | -              | 3              | 1              | 2              | -              | -              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | 3              | 1              | -              | 1              | 1              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 194            | 213            | 243            | 274            | 291            | 428            | 550            | 734            | 792            | 791            | 659            | 484            | 242            | 73             | 15             | 2              | -            | 3          | 74a           |
| 104            | 121            | 121            | 137            | 160            | 205            | 291            | 392            | 462            | 455            | 387            | 296            | 140            | 43             | 3              | -              | -            | 1          | -             |
| 73             | 74             | 99             | 117            | 97             | 188            | 222            | 305            | 294            | 311            | 260            | 180            | 100            | 30             | 12             | 2              | -            | 1          | -             |
| 8              | 8              | 13             | 12             | 19             | 21             | 21             | 19             | 25             | 12             | 9              | 4              | 2              | -              | -              | -              | -            | 1          | -             |
| 8              | 13             | 13             | 14             | 14             | 11             | 15             | 20             | 11             | 11             | 2              | 4              | -              | -              | -              | -              | -            | 1          | -             |
| 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1            | 1          | -             |
| 12             | 5              | 5              | 14             | 14             | 15             | 22             | 28             | 51             | 42             | 39             | 17             | 9              | -              | 1              | -              | -            | -          | 74b           |
| 4              | 2              | 3              | 5              | 5              | 9              | 8              | 15             | 24             | 22             | 22             | 15             | 6              | -              | -              | -              | -            | -          | -             |
| 6              | 3              | 2              | 8              | 5              | 6              | 14             | 12             | 26             | 20             | 17             | 4              | 3              | -              | 1              | -              | -            | -          | -             |
| 1              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 14             | 24             | 18             | 19             | 30             | 41             | 43             | 45             | 42             | 30             | 40             | 23             | 14             | 6              | -              | -              | -            | -          | 75            |
| 4              | 13             | 12             | 12             | 16             | 22             | 15             | 16             | 21             | 9              | 17             | 14             | 4              | 2              | -              | -              | -            | -          | -             |
| 9              | 9              | 5              | 6              | 16             | 22             | 15             | 16             | 21             | 9              | 17             | 14             | 4              | 2              | -              | -              | -            | -          | -             |
| 1              | 2              | -              | -              | 3              | 2              | 2              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | 1              | 1              | 3              | 1              | 3              | -              | 2              | -              | 1              | -              | 1              | -              | -              | -              | -            | -          | -             |
| 4              | 11             | 6              | 21             | 10             | 13             | 20             | 20             | 41             | 35             | 15             | 15             | 11             | 1              | 1              | -              | -            | -          | 76            |
| 3              | 2              | -              | 11             | 4              | 2              | 9              | 10             | 20             | 20             | 9              | 5              | 5              | -              | -              | -              | -            | -          | -             |
| 1              | 5              | 4              | 7              | 5              | 9              | 9              | 9              | 20             | 14             | 6              | 5              | 6              | 1              | 1              | -              | -            | -          | -             |
| -              | -              | 1              | 1              | 1              | 1              | 2              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | 4              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 35             | 89             | 164            | 328            | 388            | 390            | 313            | 270            | 215            | 161            | 87             | 43             | 12             | 5              | 3              | -              | -            | 12         | -             |
| 15             | 41             | 90             | 200            | 255            | 291            | 243            | 203            | 170            | 132            | 77             | 33             | 6              | 5              | 1              | -              | -            | 11         | -             |
| 2              | 10             | 26             | 56             | 64             | 51             | 32             | 25             | 19             | 14             | 6              | 5              | 4              | -              | 1              | -              | -            | 1          | -             |
| 15             | 22             | 31             | 51             | 45             | 31             | 34             | 34             | 19             | 9              | 3              | 5              | 1              | -              | -              | -              | -            | -          | -             |
| 2              | 14             | 14             | 18             | 22             | 13             | 3              | 6              | 5              | 3              | 1              | -              | -              | -              | 1              | -              | -            | -          | -             |
| 1              | 2              | 1              | 1              | 2              | 4              | 1              | 2              | -              | 3              | -              | -              | 1              | -              | -              | -              | -            | -          | -             |
| -              | -              | 2              | 2              | -              | -              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 31             | 79             | 157            | 317            | 382            | 379            | 306            | 260            | 212            | 150            | 78             | 37             | 11             | 5              | 2              | -              | -            | 11         | 77            |
| 11             | 34             | 87             | 194            | 252            | 284            | 237            | 197            | 168            | 126            | 69             | 29             | 6              | 5              | 1              | -              | -            | 10         | -             |
| 2              | 9              | 25             | 55             | 61             | 48             | 31             | 22             | 18             | 11             | 5              | 3              | 3              | -              | -              | -              | -            | -          | -             |
| 15             | 20             | 29             | 40             | 45             | 30             | 34             | 33             | 19             | 6              | 3              | 5              | 1              | -              | -              | -              | -            | 1          | -             |
| 2              | 14             | 14             | 17             | 22             | 13             | 3              | 6              | 5              | 3              | 1              | -              | -              | -              | 1              | -              | -            | -          | -             |
| 1              | 2              | -              | 1              | 2              | 3              | 1              | 2              | 2              | 2              | -              | -              | 1              | -              | -              | -              | -            | -          | -             |
| -              | -              | 2              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | 5              | 2              | 2              | 3              | 5              | -              | 3              | 6              | 2              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | 3              | 2              | 2              | 3              | 5              | -              | 3              | 6              | 2              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 4              | 10             | 7              | 6              | 4              | 9              | 4              | 5              | 3              | 6              | 3              | 4              | 1              | -              | 1              | -              | -            | 1          | 79            |
| 4              | 7              | 3              | 3              | 1              | 8              | 3              | 1              | 2              | 3              | 2              | 2              | -              | -              | -              | -              | -            | 1          | -             |
| -              | 1              | 1              | 1              | 3              | 2              | 1              | 1              | 1              | 3              | 1              | 2              | 1              | -              | 1              | -              | -            | -          | -             |
| -              | 2              | 2              | 1              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | 1              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | -             |
| 800            | 956            | 1,295          | 2,017          | 3,209          | 5,154          | 8,014          | 10,907         | 14,588         | 18,898         | 21,910         | 22,813         | 17,008         | 9,561          | 3,160          | 648            | 128          | 84         | -             |
| 378            | 416            | 499            | 737            | 1,102          | 1,740          | 2,884          | 4,645          | 6,724          | 8,808          | 10,141         | 10,359         | 7,395          | 3,848          | 1,195          | 168            | 20           | 25         | -             |
| 256            | 351            | 443            | 650            | 1,079          | 1,606          | 2,916          | 4,035          | 5,508          | 7,728          | 9,873          | 11,044         | 8,782          | 5,290          | 1,799          | 391            | 47           | 21         | -             |
| 88             | 101            | 169            | 278            | 440            | 687            | 991            | 1,113          | 1,075          | 1,090          | 875            | 689            | 360            | 201            | 67             | 35             | 16           | 15         | -             |
| 63             | 105            | 182            | 347            | 570            | 903            | 1,090          | 1,082          | 1,212          | 1,187          | 968            | 687            | 454            | 207            | 93             | 51             | 44           | 21         | -             |
| -              | -              | 1              | 4              | 10             | 11             | 18             | 21             | 33             | 43             | 34             | 26             | 9              | 8              | 5              | 1              | 1            | 2          | -             |
| 2              | 2              | 1              | 1              | 8              | 7              | 15             | 11             | 14             | 30             | 19             | 8              | 10             | 7              | 1              | 3              | -            | -          | -             |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                                       | CAUSE OF DEATH, RACE, AND SEX                        | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| VI.—Diseases of the nervous system, etc.*—Continued |  |              |              |        |         |         |         |               |              |                |                |
| 80  | Encephalitis (nonepidemic)-----                      | 1,163        | 138          | 71     | 42      | 41      | 20      | 312           | 87           | 44             | 45             |
|   | White-----Male-----                                  | 572          | 62           | 37     | 15      | 19      | 7       | 140           | 41           | 24             | 16             |
|   | Female-----  | 406          | 49           | 23     | 16      | 16      | 10      | 114           | 35           | 12             | 17             |
|   | Negro-----Male-----                                  | 111          | 16           | 4      | 7       | 3       | 3       | 33            | 8            | 5              | 6              |
|   | Female-----  | 66           | 8            | 6      | 4       | 3       | -       | 21            | 3            | 2              | 4              |
|   | Other-----Male-----                                  | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female-----  | 6            | 3            | -      | -       | -       | -       | 3             | -            | 1              | -              |
| 81  | Meningitis (not due to meningococcus)-----           | 1,851        | 587          | 200    | 74      | 53      | 33      | 947           | 77           | 63             | 55             |
|   | White-----Male-----                                  | 833          | 262          | 81     | 33      | 20      | 14      | 410           | 39           | 25             | 23             |
|   | Female-----  | 563          | 180          | 74     | 20      | 20      | 14      | 308           | 27           | 20             | 14             |
|   | Negro-----Male-----                                  | 251          | 76           | 23     | 12      | 9       | 4       | 124           | 3            | 9              | 13             |
|   | Female-----  | 181          | 61           | 21     | 8       | 2       | 1       | 95            | 7            | 7              | 4              |
|   | Other-----Male-----                                  | 10           | 5            | -      | -       | -       | -       | 5             | -            | -              | 1              |
|   | Female-----  | 13           | 3            | 1      | 1       | 2       | -       | 7             | 1            | 2              | -              |
| 82  | Diseases of spinal cord (see exceptions)*-----       | 2,574        | 27           | 27     | 12      | 15      | 15      | 96            | 57           | 47             | 56             |
|   | White-----Male-----                                  | 1,436        | 15           | 11     | 4       | 6       | 7       | 45            | 28           | 27             | 36             |
|   | Female-----  | 928          | 10           | 12     | 7       | 5       | 7       | 41            | 23           | 15             | 15             |
|   | Negro-----Male-----                                  | 111          | 2            | -      | -       | 2       | 1       | 5             | 3            | 3              | 3              |
|   | Female-----  | 92           | -            | 4      | 1       | 2       | -       | 7             | 3            | 2              | 1              |
|   | Other-----Male-----                                  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 83  | Intracranial lesions of vascular origin-----         | 131,036      | 184          | 85     | 40      | 36      | 21      | 368           | 103          | 98             | 126            |
|   | White-----Male-----                                  | 56,276       | 84           | 42     | 18      | 22      | 11      | 187           | 47           | 44             | 52             |
|   | Female-----  | 57,954       | 63           | 29     | 18      | 8       | 7       | 125           | 41           | 39             | 53             |
|   | Negro-----Male-----                                  | 7,638        | 14           | 7      | 2       | 3       | 1       | 27            | 6            | 6              | 14             |
|   | Female-----  | 8,821        | 10           | 6      | 2       | 2       | 2       | 22            | 7            | 9              | 7              |
|   | Other-----Male-----                                  | 218          | 2            | 1      | -       | -       | -       | 3             | 1            | -              | -              |
|   | Female-----  | 129          | 1            | -      | -       | 1       | -       | 2             | 1            | -              | -              |
| 83a   | Cerebral hemorrhage or effusion*-----                | 110,384      | 139          | 56     | 25      | 26      | 12      | 258           | 64           | 71             | 88             |
|   | White-----Male-----                                  | 46,706       | 67           | 28     | 13      | 16      | 6       | 130           | 30           | 33             | 37             |
|   | Female-----  | 48,703       | 51           | 17     | 9       | 5       | 4       | 86            | 23           | 29             | 36             |
|   | Negro-----Male-----                                  | 6,767        | 12           | 6      | 2       | 2       | 1       | 23            | 4            | 3              | 11             |
|   | Female-----  | 7,916        | 8            | 4      | 1       | 2       | 1       | 16            | 6            | 6              | 5              |
|   | Other-----Male-----                                  | 186          | 1            | 1      | -       | -       | -       | 2             | -            | -              | -              |
|   | Female-----  | 116          | -            | -      | -       | 1       | -       | 1             | 1            | -              | -              |
| 83b,c   | Cerebral embolism, thrombosis, and softening-----    | 17,743       | 24           | 10     | 3       | 3       | 2       | 42            | 12           | 10             | 18             |
|   | White-----Male-----                                  | 8,362        | 17           | 5      | 1       | 1       | 1       | 25            | 4            | 4              | 6              |
|   | Female-----  | 8,086        | 5            | 4      | 2       | 2       | 1       | 14            | 6            | 4              | 10             |
|   | Negro-----Male-----                                  | 631          | 1            | 1      | -       | -       | -       | 2             | 1            | 1              | 1              |
|   | Female-----  | 631          | -            | -      | -       | -       | -       | -             | 1            | 1              | 1              |
|   | Other-----Male-----                                  | 25           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 8            | -            | -      | -       | -       | -       | 1             | -            | -              | -              |
| 83d   | Hemiplegia, other paralysis, etc.*-----              | 2,899        | 21           | 19     | 12      | 7       | 7       | 66            | 27           | 17             | 19             |
|   | White-----Male-----                                  | 1,208        | 10           | 9      | 4       | 5       | 4       | 32            | 13           | 7              | 9              |
|   | Female-----  | 1,165        | 7            | 8      | 7       | 1       | 2       | 25            | 12           | 6              | 7              |
|   | Negro-----Male-----                                  | 240          | 1            | -      | 1       | -       | -       | 2             | 1            | 2              | 2              |
|   | Female-----  | 274          | 2            | 2      | 1       | 6       | 1       | 6             | -            | 2              | 1              |
|   | Other-----Male-----                                  | 7            | 1            | -      | -       | -       | -       | 1             | 1            | -              | -              |
|   | Female-----  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 84  | Mental diseases and deficiency (see exception)*----- | 1,376        | 125          | 27     | 11      | 5       | 6       | 174           | 19           | 17             | 29             |
|   | White-----Male-----                                  | 474          | 54           | 18     | 8       | 3       | 4       | 87            | 10           | 6              | 9              |
|   | Female-----  | 631          | 66           | 6      | 2       | 2       | 1       | 77            | 6            | 7              | 10             |
|   | Negro-----Male-----                                  | 128          | 3            | 1      | 1       | -       | -       | 5             | -            | 1              | 3              |
|   | Female-----  | 141          | 1            | 2      | -       | -       | 1       | 4             | 3            | 3              | 7              |
|   | Other-----Male-----                                  | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 85  | Epilepsy-----  | 1,969        | 12           | 13     | 20      | 11      | 17      | 73            | 77           | 90             | 157            |
|   | White-----Male-----                                  | 948          | 4            | 5      | 12      | 6       | 5       | 32            | 41           | 43             | 80             |
|   | Female-----  | 664          | 4            | 5      | 6       | 2       | 10      | 27            | 24           | 24             | 42             |
|   | Negro-----Male-----                                  | 228          | 3            | 1      | 1       | 2       | 1       | 8             | 8            | 13             | 19             |
|   | Female-----  | 125          | 1            | 2      | 1       | 1       | 1       | 6             | 4            | 10             | 16             |
|   | Other-----Male-----                                  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 86  | Convulsions (under 5 years)-----                     | 285          | 184          | 53     | 22      | 9       | 7       | 285           | ...          | ...            | ...            |
|   | White-----Male-----                                  | 107          | 77           | 17     | 10      | 2       | 1       | 107           | ...          | ...            | ...            |
|   | Female-----  | 93           | 53           | 30     | 4       | 4       | 2       | 93            | ...          | ...            | ...            |
|   | Negro-----Male-----                                  | 41           | 31           | 2      | 3       | 3       | 2       | 41            | ...          | ...            | ...            |
|   | Female-----  | 36           | 29           | 2      | 3       | -       | 2       | 36            | ...          | ...            | ...            |
|   | Other-----Male-----                                  | 6            | 3            | 2      | 1       | -       | -       | 6             | ...          | ...            | ...            |
|   | Female-----  | 2            | 1            | -      | -       | -       | -       | 2             | ...          | ...            | ...            |
| 87  | Other diseases of nervous system-----                | 4,620        | 145          | 67     | 41      | 32      | 40      | 325           | 119          | 74             | 80             |
|   | White-----Male-----                                  | 2,250        | 78           | 34     | 18      | 16      | 20      | 166           | 55           | 38             | 36             |
|   | Female-----  | 2,065        | 45           | 27     | 18      | 13      | 15      | 118           | 44           | 24             | 29             |
|   | Negro-----Male-----                                  | 164          | 10           | 1      | 1       | 1       | 3       | 16            | 9            | 5              | 7              |
|   | Female-----  | 129          | 10           | 5      | 3       | 2       | 2       | 22            | 10           | 5              | 6              |
|   | Other-----Male-----                                  | 9            | 2            | -      | 1       | -       | -       | 3             | -            | 1              | 1              |
|   | Female-----  | 3            | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
| 88  | Diseases of organs of vision-----                    | 38           | 6            | -      | 3       | 2       | 2       | 13            | 2            | 4              | 1              |
|   | White-----Male-----                                  | 10           | 2            | -      | 1       | 1       | 1       | 5             | 1            | 1              | 1              |
|   | Female-----  | 20           | 2            | -      | 2       | 1       | 1       | 6             | 1            | 1              | -              |
|   | Negro-----Male-----                                  | 6            | 2            | -      | -       | -       | -       | 2             | -            | 1              | -              |
|   | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Other-----Male-----                                  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 89  | Diseases of ear and mastoid process-----             | 622          | 157          | 26     | 22      | 2       | 5       | 212           | 36           | 30             | 25             |
|   | White-----Male-----                                  | 330          | 82           | 14     | 6       | 1       | 3       | 106           | 16           | 18             | 14             |
|   | Female-----  | 203          | 37           | 9      | 9       | -       | 1       | 56            | 15           | 10             | 9              |
|   | Negro-----Male-----                                  | 50           | 21           | 1      | 4       | 1       | 1       | 28            | 3            | 2              | 2              |
|   | Female-----  | 32           | 14           | 1      | 3       | -       | -       | 18            | 2            | -              | -              |
|   | Other-----Male-----                                  | 3            | 1            | 1      | -       | -       | -       | 2             | -            | -              | -              |
|   | Female-----  | 4            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                      | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | VII.—Diseases of the circulatory system-----       | 505,716      | 167          | 108    | 54      | 60      | 58      | 447           | 351          | 541            | 844            |
|               | White-----Male----                                 | 275,787      | 71           | 38     | 23      | 21      | 18      | 171           | 132          | 215            | 378            |
|               | Female----   | 186,428      | 56           | 44     | 15      | 23      | 24      | 162           | 123          | 194            | 278            |
|               | Negro-----Male----                                 | 22,732       | 20           | 13     | 10      | 7       | 6       | 56            | 45           | 50             | 73             |
|               | Female----   | 19,665       | 18           | 10     | 5       | 7       | 9       | 49            | 49           | 79             | 106            |
|               | Other-----Male----                                 | 833          | 2            | 3      | 1       | 1       | -       | 7             | 2            | 2              | 5              |
|               | Female----   | 271          | -            | -      | -       | 1       | 1       | 2             | -            | 1              | 3              |
| 90-95         | Diseases of the heart (all forms)-----             | 471,469      | 151          | 99     | 52      | 56      | 56      | 394           | 337          | 529            | 797            |
|               | White-----Male----                                 | 259,308      | 54           | 35     | 22      | 20      | 18      | 149           | 129          | 212            | 358            |
|               | Female----   | 171,686      | 44           | 40     | 14      | 21      | 23      | 142           | 116          | 186            | 262            |
|               | Negro-----Male----                                 | 21,199       | 16           | 12     | 10      | 7       | 5       | 52            | 43           | 49             | 70             |
|               | Female----   | 18,263       | 14           | 10     | 5       | 7       | 9       | 45            | 48           | 79             | 99             |
|               | Other-----Male----                                 | 769          | 1            | 2      | 1       | -       | -       | 4             | 1            | 2              | 5              |
|               | Female----   | 244          | -            | -      | -       | 1       | 1       | 2             | -            | 1              | 3              |
| 90            | Pericarditis (except acute rheumatic)-----         | 469          | 14           | 5      | -       | 2       | 1       | 22            | 5            | 4              | 9              |
|               | White-----Male----                                 | 247          | 6            | 2      | -       | 1       | -       | 9             | 2            | 2              | 1              |
|               | Female----   | 130          | 5            | -      | -       | -       | -       | 6             | -            | -              | 6              |
|               | Negro-----Male----                                 | 59           | 2            | 2      | -       | -       | -       | 4             | 2            | 1              | 1              |
|               | Female----   | 31           | 1            | -      | -       | -       | 1       | 2             | 1            | 1              | 1              |
|               | Other-----Male----                                 | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 90a           | Chronic rheumatic pericarditis-----                | 12           | -            | -      | -       | -       | -       | -             | 2            | -              | -              |
|               | White-----Male----                                 | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro-----Male----                                 | 2            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Female----   | 1            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|               | Other-----Male----                                 | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 90b           | Other pericarditis-----                            | 457          | 14           | 5      | -       | 2       | 1       | 22            | 5            | 4              | 9              |
|               | White-----Male----                                 | 241          | 6            | 2      | -       | 1       | -       | 9             | 2            | 2              | 1              |
|               | Female----   | 127          | 5            | -      | -       | 1       | -       | 6             | -            | -              | 6              |
|               | Negro-----Male----                                 | 57           | 2            | 2      | -       | -       | -       | 4             | 1            | 1              | 1              |
|               | Female----   | 30           | 1            | -      | -       | -       | 1       | 2             | -            | 1              | 1              |
|               | Other-----Male----                                 | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 91            | Acute endocarditis (except rheumatic)-----         | 1,102        | 10           | 3      | 3       | 7       | 6       | 29            | 25           | 29             | 42             |
|               | White-----Male----                                 | 498          | 6            | 1      | 2       | 1       | -       | 10            | 9            | 9              | 14             |
|               | Female----   | 348          | 3            | 1      | 1       | 2       | 5       | 12            | 10           | 11             | 18             |
|               | Negro-----Male----                                 | 128          | -            | -      | -       | 3       | -       | 3             | 3            | 3              | 1              |
|               | Female----   | 117          | 1            | 1      | -       | 1       | 1       | 4             | 3            | 5              | 9              |
|               | Other-----Male----                                 | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 4            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
| 91a,b         | Bacterial, acute, and subacute endocarditis-----   | 1,026        | 10           | 2      | 3       | 6       | 6       | 27            | 24           | 25             | 36             |
|               | White-----Male----                                 | 490          | 6            | 1      | 2       | 1       | -       | 10            | 9            | 9              | 13             |
|               | Female----   | 321          | 3            | 1      | 1       | 1       | 5       | 11            | 9            | 9              | 14             |
|               | Negro-----Male----                                 | 115          | -            | -      | -       | 3       | -       | 3             | 3            | 3              | 1              |
|               | Female----   | 99           | 1            | -      | -       | 1       | 1       | 3             | 3            | 3              | 8              |
|               | Other-----Male----                                 | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 4            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
| 91c           | Endocarditis (unspecified, under 45 years)-----    | 76           | -            | 1      | -       | 1       | -       | 2             | 1            | 4              | 6              |
|               | White-----Male----                                 | 18           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female----   | 27           | -            | -      | -       | 1       | -       | 1             | 1            | 2              | 4              |
|               | Negro-----Male----                                 | 13           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 18           | -            | 1      | -       | -       | -       | 1             | -            | 2              | 1              |
|               | Other-----Male----                                 | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 92            | Chronic affections of valves and endocardium-----  | 29,544       | -            | 15     | 5       | 9       | 6       | 35            | 81           | 152            | 217            |
|               | White-----Male----                                 | 13,753       | -            | 9      | 3       | 4       | 3       | 19            | 52           | 59             | 98             |
|               | Female----   | 12,028       | -            | 3      | 1       | 1       | 3       | 8             | 25           | 60             | 75             |
|               | Negro-----Male----                                 | 1,922        | -            | 1      | -       | 2       | -       | 3             | 10           | 8              | 13             |
|               | Female----   | 1,768        | -            | 1      | 1       | 2       | -       | 4             | 14           | 25             | 30             |
|               | Other-----Male----                                 | 46           | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----   | 27           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 92a           | Diseases of aortic valve, etc.*-----               | 3,052        | -            | -      | 1       | -       | -       | 1             | -            | 2              | 5              |
|               | White-----Male----                                 | 1,505        | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female----   | 860          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro-----Male----                                 | 332          | -            | -      | -       | -       | -       | -             | -            | 1              | 3              |
|               | Female----   | 255          | -            | -      | 1       | -       | -       | 1             | -            | 1              | 5              |
|               | Other-----Male----                                 | 8            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 92b           | Diseases of mitral valve, etc.*-----               | 12,550       | -            | 7      | 2       | 5       | 3       | 17            | 47           | 88             | 125            |
|               | White-----Male----                                 | 5,615        | -            | 3      | 2       | 4       | 2       | 11            | 17           | 28             | 58             |
|               | Female----   | 5,421        | -            | 2      | -       | -       | 1       | 3             | 15           | 41             | 46             |
|               | Negro-----Male----                                 | 759          | -            | 1      | -       | 1       | -       | 2             | 5            | 14             | 7              |
|               | Female----   | 720          | -            | 1      | -       | -       | -       | 1             | 10           | 14             | 14             |
|               | Other-----Male----                                 | 21           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female----   | 14           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 92c           | Chronic rheumatic endocarditis, etc.*-----         | 2,037        | -            | 1      | -       | 1       | -       | 2             | 25           | 40             | 52             |
|               | White-----Male----                                 | 1,130        | -            | 1      | -       | -       | -       | 1             | 12           | 22             | 24             |
|               | Female----   | 776          | -            | -      | -       | -       | -       | -             | 8            | 11             | 19             |
|               | Negro-----Male----                                 | 62           | -            | -      | -       | 1       | -       | 1             | 1            | 1              | 3              |
|               | Female----   | 65           | -            | -      | -       | -       | -       | -             | 2            | 6              | 5              |
|               | Other-----Male----                                 | 1            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female----   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 92d           | Other chronic endocarditis, etc.*-----             | 10,579       | -            | 7      | 2       | 3       | 3       | 15            | 11           | 22             | 35             |
|               | White-----Male----                                 | 4,847        | -            | 5      | 1       | -       | -       | 7             | 3            | 9              | 15             |
|               | Female----   | 4,462        | -            | 1      | 1       | 1       | 2       | 5             | 2            | 7              | 9              |
|               | Negro-----Male----                                 | 641          | -            | -      | -       | -       | -       | 4             | 4            | 2              | 3              |
|               | Female----   | 611          | -            | -      | -       | 2       | -       | 2             | 2            | 4              | 8              |
|               | Other-----Male----                                 | 15           | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 92e           | Endocarditis (unspecified, 45 years and over)----- | 1,326        | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | White-----Male----                                 | 566          | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | Female----   | 509          | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | Negro-----Male----                                 | 128          | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | Female----   | 117          | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | Other-----Male----                                 | 5            | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |
|               | Female----   | 1            | ...          | ...    | ...     | ...     | ...     | ...           | ...          | ...            | ...            |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 1,225          | 1,905          | 3,264          | 6,408          | 11,820         | 19,601         | 31,627         | 42,878         | 55,239         | 66,926         | 74,719         | 74,089         | 59,466         | 37,229         | 15,443         | 2,856          | 518          | 320        |               |
| 543            | 828            | 1,544          | 3,454          | 6,922          | 11,884         | 19,904         | 27,389         | 34,370         | 39,124         | 40,574         | 37,492         | 28,068         | 16,299         | 5,247          | 983            | 121          | 145        |               |
| 421            | 628            | 974            | 1,851          | 2,544          | 4,105          | 6,722          | 10,280         | 15,420         | 22,225         | 29,476         | 35,026         | 28,117         | 19,666         | 7,603          | 1,609          | 215          | 30         |               |
| 103            | 188            | 339            | 654            | 1,172          | 1,841          | 2,741          | 2,944          | 2,964          | 2,952          | 2,499          | 1,899          | 1,130          | 597            | 247            | 120            | 86           | 52         |               |
| 151            | 249            | 391            | 733            | 1,144          | 1,712          | 2,179          | 2,167          | 2,340          | 2,472          | 2,038          | 1,550          | 1,065          | 607            | 319            | 131            | 104          | 30         |               |
| 2              | 6              | 6              | 11             | 5              | 45             | 60             | 76             | 126            | 121            | 106            | 100            | 60             | 45             | 13             | 6              | 3            | 2          |               |
| 5              | 6              | 10             | 5              | 7              | 16             | 21             | 22             | 19             | 34             | 26             | 22             | 26             | 15             | 14             | 7              | 9            | 1          |               |
| 1,138          | 1,751          | 3,054          | 6,067          | 11,356         | 18,943         | 30,696         | 41,602         | 53,298         | 65,925         | 70,244         | 68,253         | 53,112         | 32,015         | 11,002         | 2,267          | 393          | 296        | 90-95         |
| 311            | 774            | 1,449          | 3,323          | 6,727          | 11,584         | 19,483         | 26,736         | 33,354         | 37,579         | 38,231         | 34,552         | 24,981         | 13,913         | 4,253          | 789            | 81           | 141        |               |
| 385            | 565            | 910            | 1,448          | 2,398          | 3,906          | 6,441          | 9,921          | 14,807         | 21,146         | 27,752         | 30,440         | 26,112         | 17,002         | 6,233          | 1,268          | 167          | 80         |               |
| 96             | 173            | 312            | 608            | 1,120          | 1,766          | 2,629          | 2,809          | 2,791          | 2,744          | 2,282          | 1,733          | 997            | 507            | 215            | 101            | 57           | 45         |               |
| 141            | 228            | 388            | 672            | 1,073          | 1,633          | 2,066          | 2,047          | 2,209          | 2,310          | 1,657          | 1,415          | 947            | 541            | 277            | 99             | 82           | 27         |               |
| 2              | 6              | 5              | 11             | 7              | 41             | 58             | 70             | 119            | 115            | 96             | 91             | 53             | 39             | 15             | 5              | 2            | 2          |               |
| 5              | 5              | 10             | 5              | 30             | 13             | 19             | 19             | 18             | 31             | 26             | 22             | 22             | 14             | 11             | 6              | 4            | 1          |               |
| 8              | 14             | 20             | 23             | 29             | 39             | 42             | 39             | 50             | 40             | 43             | 36             | 27             | 16             | 3              | 1              | -            | -          | 90            |
| 4              | 6              | 7              | 9              | 19             | 15             | 26             | 24             | 34             | 23             | 29             | 13             | 12             | 11             | 1              | -              | -            | -          |               |
| 3              | 2              | 8              | 7              | 5              | 10             | 5              | 9              | 13             | 11             | 11             | 19             | 9              | 5              | -              | -              | -            | -          |               |
| 1              | 2              | -              | 5              | 5              | 8              | 8              | 4              | 3              | 5              | 1              | 3              | 5              | -              | 1              | -              | -            | -          |               |
| -              | 3              | 5              | 2              | 6              | 6              | 3              | 2              | -              | 1              | 2              | 1              | 1              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 8              | 13             | 19             | 22             | 29             | 36             | 42             | 38             | 49             | 40             | 41             | 36             | 27             | 16             | 2              | 1              | -            | -          | 90b           |
| 4              | 6              | 6              | 8              | 19             | 13             | 26             | 24             | 33             | 23             | 28             | 13             | 12             | 11             | 1              | -              | -            | -          |               |
| 3              | 2              | 8              | 7              | 5              | 9              | 5              | 8              | 13             | 11             | 10             | 19             | 9              | 5              | -              | -              | -            | -          |               |
| 1              | 1              | 1              | 5              | 5              | 8              | 8              | 4              | 3              | 5              | 1              | 3              | 5              | -              | 1              | -              | -            | -          |               |
| -              | 3              | 5              | 2              | 6              | 6              | 3              | 2              | -              | 1              | 2              | 1              | 1              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 57             | 54             | 66             | 86             | 86             | 82             | 83             | 88             | 104            | 93             | 77             | 52             | 28             | 16             | 3              | 1              | -            | 1          | 91            |
| 20             | 21             | 27             | 31             | 33             | 36             | 44             | 49             | 57             | 47             | 40             | 30             | 11             | 9              | 1              | -              | -            | -          |               |
| 28             | 19             | 25             | 33             | 28             | 24             | 19             | 19             | 21             | 21             | 28             | 13             | 11             | 5              | 1              | -              | -            | 1          |               |
| 3              | 6              | 6              | 11             | 16             | 14             | 14             | 12             | 14             | 9              | 3              | 4              | 4              | -              | -              | -              | -            | -          |               |
| 6              | 8              | 8              | 10             | 7              | 6              | 4              | 8              | 10             | 15             | 6              | 5              | 2              | 2              | 1              | -              | -            | -          |               |
| -              | -              | -              | -              | 2              | 2              | 2              | -              | 2              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | 1              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 51             | 47             | 58             | 67             | 83             | 82             | 83             | 89             | 104            | 93             | 77             | 52             | 28             | 16             | 3              | 1              | -            | 1          | 91a,b         |
| 17             | 18             | 24             | 27             | 29             | 36             | 44             | 49             | 57             | 47             | 40             | 30             | 11             | 9              | 1              | -              | -            | -          |               |
| 26             | 17             | 23             | 27             | 21             | 24             | 19             | 19             | 21             | 21             | 28             | 13             | 11             | 5              | 1              | -              | -            | 1          |               |
| 2              | 6              | 7              | 8              | 8              | 14             | 14             | 12             | 14             | 9              | 3              | 4              | 4              | -              | -              | -              | -            | -          |               |
| 6              | 6              | 4              | 4              | 5              | 6              | 4              | 8              | 10             | 15             | 6              | 5              | 2              | 2              | 1              | -              | -            | -          |               |
| -              | -              | -              | 1              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 8              | 7              | 8              | 19             | 23             | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 91c           |
| 3              | 3              | 5              | 4              | 4              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 2              | 2              | 2              | 6              | 7              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 1              | -              | 1              | 3              | 8              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| -              | 2              | 2              | 6              | 4              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| -              | -              | -              | -              | -              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| -              | -              | -              | -              | -              | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 308            | 398            | 609            | 876            | 1,118          | 1,443          | 1,879          | 2,408          | 2,727          | 3,378          | 3,876          | 3,952          | 3,191          | 1,943          | 667            | 145            | 27           | 14         | 92            |
| 147            | 164            | 273            | 403            | 516            | 653            | 919            | 1,199          | 1,427          | 1,686          | 1,863          | 1,855          | 1,416          | 756            | 223            | 38             | 5            | 4          |               |
| 128            | 166            | 257            | 318            | 425            | 481            | 647            | 785            | 901            | 1,240          | 1,592          | 1,778          | 1,571          | 1,084          | 397            | 85             | 11           | 4          |               |
| 9              | 31             | 30             | 67             | 81             | 138            | 212            | 249            | 213            | 240            | 240            | 174            | 110            | 53             | 19             | 14             | 3            | 5          |               |
| 22             | 35             | 43             | 84             | 91             | 167            | 196            | 165            | 182            | 201            | 183            | 140            | 91             | 48             | 28             | 8              | 10           | 1          |               |
| -              | 1              | 2              | 2              | 5              | 4              | 2              | 6              | 4              | 5              | 6              | 4              | 3              | 1              | -              | -              | -            | -          |               |
| 2              | 1              | 4              | 2              | -              | -              | 3              | 4              | -              | 6              | 2              | 1              | -              | -              | -              | -              | -            | -          |               |
| 14             | 13             | 34             | 68             | 97             | 159            | 243            | 311            | 384            | 427            | 460            | 373            | 243            | 155            | 49             | 11             | 1            | 2          | 92a           |
| 9              | 5              | 14             | 28             | 47             | 74             | 123            | 198            | 234            | 231            | 228            | 194            | 118            | 72             | 16             | 2              | -            | -          |               |
| 2              | 5              | 4              | 8              | 10             | 22             | 38             | 56             | 84             | 114            | 167            | 142            | 100            | 69             | 30             | 7              | -            | -          |               |
| 2              | 3              | 7              | 17             | 18             | 34             | 54             | 34             | 29             | 44             | 41             | 21             | 13             | 8              | 3              | 1              | 1            | 2          |               |
| 1              | -              | 9              | 15             | 22             | 28             | 25             | 20             | 34             | 37             | 23             | 16             | 12             | 5              | 1              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | 1              | 1              | 2              | 3              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | 1              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 185            | 241            | 371            | 525            | 642            | 739            | 921            | 1,029          | 1,130          | 1,280          | 1,419          | 1,565          | 1,193          | 745            | 263            | 53             | 8            | 6          | 92b           |
| 84             | 98             | 153            | 238            | 282            | 311            | 396            | 473            | 547            | 610            | 671            | 720            | 519            | 280            | 92             | 15             | 2            | 2          |               |
| 79             | 107            | 160            | 218            | 290            | 303            | 369            | 392            | 427            | 497            | 578            | 679            | 588            | 420            | 154            | 31             | 2            | 2          |               |
| 5              | 18             | 12             | 29             | 34             | 51             | 84             | 99             | 82             | 96             | 84             | 68             | 50             | 17             | 4              | 5              | -            | -          |               |
| 13             | 16             | 21             | 37             | 35             | 72             | 71             | 60             | 73             | 71             | 81             | 57             | 35             | 18             | 13             | 4              | 4            | -          |               |
| -              | 1              | 2              | 2              | 1              | 2              | 1              | 2              | 1              | 3              | 3              | 1              | 1              | -              | -              | -              | -            | -          |               |
| 2              | 1              | 3              | 1              | -              | -              | -              | -              | -              | 3              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| 70             | 80             | 115            | 142            | 162            | 199            | 229            | 236            | 198            | 147            | 118            | 117            | 64             | 31             | 9              | 3              | -            | -          | 92c           |
| 32             | 36             | 68             | 87             | 95             | 119            | 142            | 146            | 112            | 80             | 57             | 52             | 35             | 7              | 3              | -              | -            | -          |               |
| 33             | 34             | 38             | 46             | 53             | 71             | 76             | 81             | 74             | 62             | 53             | 61             | 27             | 21             | 6              | 2              | -            | -          |               |
| 1              | 7              | 4              | 6              | 4              | 4              | 5              | 5              | 6              | 4              | 4              | 3              | 1              | 1              | 1              | 1              | -            | -          |               |
| 4              | 3              | 5              | 3              | 7              | 5              | 5              | 3              | 6              | 2              | 4              | 3              | 1              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 41             | 64             | 89             | 141            | 217            | 306            | 501            | 725            | 895            | 1,331          | 1,658          | 1,712          | 1,504          | 923            | 302            | 67             | 15           | 5          | 92d           |
| 22             | 25             | 38             | 50             | 82             | 136            | 225            | 340            | 463            | 673            | 812            | 794            | 669            | 352            | 99             | 18             | 1            | 7          |               |
| 14             | 20             | 35             | 46             | 72             | 144            | 228            | 285            | 301            | 367            | 497            | 575            | 420            | 154            | 31             | 4              | 4            | 2          |               |
| 1              | 3              | 7              | 15             | 23             | 40             | 57             | 89             | 82             | 79             | 88             | 70             | 39             | 20             | 11             | 6              | 1            | 1          |               |
| 4              | 16             | 8              | 29             | 50             | 74             | 68             | 68             | 63             | 76             | 60             | 49             | 33             | 19             | 10             | 3              | 6            | -          |               |
| -              | -              | 1              | -              | 3              | 2              | -              | -              | -              | 1              | 1              | 3              | 1              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | 1              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| ...            | ...            | ...            | ...            | ...            | 40             | 85             | 107            | 120            | 193            | 221            | 225            | 187            | 89             | 44             | 11             | 3            | 1          |               |
| ...            | ...            | ...            | ...            | ...            | 13             | 31             | 42             | 69             | 92             | 95             | 75             | 35             | 14             | 5              | 5              | -            | -          |               |
| ...            | ...            | ...            | ...            | ...            | 7              | 20             | 28             | 31             | 66             | 87             | 101            | 43             | 25             | 5              | 2              | -            | -          |               |
| ...            | ...            | ...            | ...            | ...            |                |                |                |                |                |                |                |                |                |                |                |              |            |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | VII.—Diseases of the circulatory system—Continued |              |              |        |         |         |         |               |              |                |                |
|               | Diseases of the heart (all forms)—Continued       |              |              |        |         |         |         |               |              |                |                |
| 93            | Diseases of the myocardium—                       | 246,250      | 36           | 27     | 14      | 10      | 10      | 97            | 52           | 66             | 120            |
|               | White—Male—                                       | 118,099      | 14           | 8      | 6       | 6       | 5       | 39            | 27           | 33             | 62             |
|               | Female—   | 104,465      | 16           | 12     | 3       | 2       | 3       | 36            | 16           | 20             | 33             |
|               | Negro—Male—                                       | 11,941       | 3            | 3      | 4       | 1       | 1       | 12            | 4            | 7              | 12             |
|               | Female—   | 11,199       | 2            | 4      | 1       | -       | 1       | 8             | 5            | 6              | 11             |
|               | Other—Male—                                       | 415          | 1            | -      | -       | -       | -       | 1             | -            | -              | 2              |
|               | Female—   | 131          | -            | -      | -       | -       | 1       | 1             | -            | -              | -              |
| 93a           | Acute myocarditis (except rheumatic)—             | 2,895        | 36           | 7      | 5       | 4       | 3       | 55            | 9            | 8              | 16             |
|               | White—Male—                                       | 1,311        | 14           | 2      | 3       | 2       | 3       | 24            | 2            | 3              | 9              |
|               | Female—   | 1,073        | 16           | 5      | 1       | -       | -       | 25            | 5            | 3              | 2              |
|               | Negro—Male—                                       | 248          | 3            | -      | -       | 1       | -       | 4             | 2            | 2              | 3              |
|               | Female—   | 258          | 2            | -      | 1       | -       | -       | 3             | -            | -              | 2              |
|               | Other—Male—                                       | 4            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Female—   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 93b           | Myocarditis (unspecified, under 45 years)—        | 259          | -            | 5      | 2       | -       | 2       | 9             | 3            | 8              | 16             |
|               | White—Male—                                       | 103          | -            | 2      | -       | -       | -       | 2             | 1            | 5              | 6              |
|               | Female—   | 85           | -            | 1      | -       | -       | 1       | 2             | 1            | 2              | 5              |
|               | Negro—Male—                                       | 40           | -            | 1      | 2       | -       | 1       | 4             | -            | -              | 2              |
|               | Female—   | 48           | -            | 1      | -       | -       | -       | 1             | 1            | 1              | 1              |
|               | Other—Male—                                       | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 93c           | Chronic rheumatic myocarditis, etc.*—             | 1,265        | -            | 1      | -       | -       | -       | 1             | 4            | 10             | 19             |
|               | White—Male—                                       | 527          | -            | -      | -       | -       | -       | -             | 2            | 7              | 4              |
|               | Female—   | 646          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Male—                                       | 50           | -            | 1      | -       | -       | -       | 1             | -            | 1              | 1              |
|               | Female—   | 41           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male—                                       | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 93d           | Other chronic myocarditis, etc.*—                 | 227,042      | -            | 9      | 4       | 3       | 3       | 19            | 25           | 25             | 55             |
|               | White—Male—                                       | 108,945      | -            | 3      | 2       | 2       | 1       | 8             | 15           | 14             | 26             |
|               | Female—   | 97,151       | -            | 4      | 1       | 1       | 1       | 7             | 7            | 3              | 19             |
|               | Negro—Male—                                       | 10,482       | -            | 1      | 1       | -       | -       | 2             | 1            | 4              | 5              |
|               | Female—   | 9,971        | -            | 1      | -       | -       | -       | 2             | 2            | 4              | 3              |
|               | Other—Male—                                       | 375          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | 118          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 93e           | Other myocarditis (unspecified)—                  | 14,789       | -            | 5      | 3       | 3       | 2       | 13            | 11           | 15             | 16             |
|               | White—Male—                                       | 7,213        | -            | 1      | 1       | 2       | 1       | 5             | 7            | 9              | 8              |
|               | Female—   | 5,530        | -            | 2      | 1       | -       | 1       | 4             | 1            | 5              | 3              |
|               | Negro—Male—                                       | 1,121        | -            | -      | 1       | -       | -       | 1             | 1            | 1              | 2              |
|               | Female—   | 881          | -            | 2      | -       | -       | -       | 2             | 2            | -              | 3              |
|               | Other—Male—                                       | 33           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | 11           | -            | -      | -       | 1       | -       | 1             | -            | -              | -              |
| 94            | Diseases of coronary arteries, angina pectoris—   | 160,520      | 21           | 3      | 2       | 1       | 1       | 31            | 13           | 22             | 79             |
|               | White—Male—                                       | 109,582      | 6            | 1      | 1       | -       | 3       | 10            | 6            | 10             | 35             |
|               | Female—   | 43,025       | 7            | 2      | -       | 1       | 1       | 10            | 6            | 10             | 18             |
|               | Negro—Male—                                       | 4,570        | 6            | 1      | 1       | -       | 1       | 9             | 1            | 1              | 11             |
|               | Female—   | 3,078        | 2            | -      | -       | -       | -       | 2             | -            | 1              | 14             |
|               | Other—Male—                                       | 221          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female—   | 44           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 94a           | Diseases of coronary arteries—                    | 157,833      | 21           | 2      | 2       | 1       | 4       | 30            | 13           | 22             | 73             |
|               | White—Male—                                       | 107,880      | 8            | 1      | 1       | 3       | 3       | 10            | 6            | 10             | 33             |
|               | Female—   | 42,290       | 7            | 2      | 1       | 1       | -       | 10            | 6            | 10             | 18             |
|               | Negro—Male—                                       | 4,427        | 6            | -      | 1       | -       | 1       | 8             | 1            | 1              | 10             |
|               | Female—   | 2,974        | 2            | -      | -       | -       | -       | 2             | -            | 1              | 12             |
|               | Other—Male—                                       | 219          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | 45           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 94b           | Angina pectoris—                                  | 2,687        | -            | 1      | -       | -       | -       | 1             | -            | -              | 6              |
|               | White—Male—                                       | 1,702        | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Female—   | 755          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Male—                                       | 143          | -            | 1      | -       | -       | -       | 1             | -            | -              | 1              |
|               | Female—   | 104          | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Other—Male—                                       | 2            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Female—   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 95            | Other diseases of heart—                          | 33,584       | 50           | 46     | 28      | 27      | 29      | 180           | 161          | 256            | 330            |
|               | White—Male—                                       | 17,129       | 22           | 15     | 10      | 8       | 7       | 82            | 53           | 99             | 148            |
|               | Female—   | 11,690       | 13           | 22     | 9       | 14      | 12      | 70            | 59           | 85             | 112            |
|               | Negro—Male—                                       | 2,579        | 7            | 5      | 5       | 1       | 5       | 21            | 23           | 29             | 32             |
|               | Female—   | 2,070        | 8            | 4      | 3       | 4       | 6       | 25            | 25           | 41             | 34             |
|               | Other—Male—                                       | 78           | -            | -      | 1       | -       | -       | 1             | -            | 2              | 2              |
|               | Female—   | 38           | -            | -      | -       | -       | 1       | -             | -            | -              | 2              |
| 95a           | Functional diseases of heart, etc.*—              | 1,039        | 11           | 1      | 2       | 2       | -       | 18            | 1            | 4              | 3              |
|               | White—Male—                                       | 498          | 8            | 1      | 1       | 1       | -       | 11            | 1            | 2              | 2              |
|               | Female—   | 457          | 3            | -      | 1       | 1       | -       | 5             | -            | 1              | 1              |
|               | Negro—Male—                                       | 37           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|               | Female—   | 46           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male—                                       | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 95b           | Other diseases of heart (rheumatic)—              | 7,423        | 1            | 3      | 3       | 9       | 18      | 34            | 117          | 210            | 248            |
|               | White—Male—                                       | 3,313        | -            | 1      | 1       | 1       | 3       | 6             | 38           | 82             | 111            |
|               | Female—   | 3,360        | 1            | 1      | -       | 6       | 7       | 15            | 43           | 69             | 86             |
|               | Negro—Male—                                       | 322          | -            | 1      | -       | 2       | 3       | 17            | 26           | 21             | 21             |
|               | Female—   | 406          | -            | -      | 2       | 2       | 5       | 9             | 19           | 32             | 28             |
|               | Other—Male—                                       | 10           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|               | Female—   | 12           | -            | -      | -       | -       | 1       | 1             | -            | -              | 2              |
| 95c           | Other diseases of heart (not rheumatic)—          | 25,122       | 38           | 42     | 23      | 16      | 11      | 130           | 43           | 42             | 79             |
|               | White—Male—                                       | 13,318       | 14           | 13     | 8       | 6       | 4       | 45            | 14           | 15             | 35             |
|               | Female—   | 7,873        | 9            | 21     | 8       | 7       | 1       | 50            | 16           | 15             | 25             |
|               | Negro—Male—                                       | 2,220        | 7            | 4      | 5       | 1       | 1       | 18            | 6            | 3              | 11             |
|               | Female—   | 1,618        | 8            | 4      | 1       | 2       | 1       | 16            | 6            | 9              | 6              |
|               | Other—Male—                                       | 68           | -            | 1      | -       | -       | -       | 1             | 1            | 1              | 2              |
|               | Female—   | 25           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 96            | Aneurysm (except of heart and aorta)—             | 2,613        | -            | 1      | -       | -       | -       | -             | 3            | 8              | 21             |
|               | White—Male—                                       | 1,589        | -            | -      | -       | -       | -       | -             | -            | 2              | 12             |
|               | Female—   | 777          | -            | 1      | -       | -       | -       | 1             | 3            | 6              | 6              |
|               | Negro—Male—                                       | 135          | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Female—   | 97           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other—Male—                                       | 10           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Female—   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

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## RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 191            | 354            | 664            | 1,528          | 3,161          | 6,098          | 11,192         | 16,528         | 24,110         | 32,132         | 39,415         | 41,785         | 35,756         | 22,736         | 8,163          | 1,697          | 272          | 155        | 93            |
| 85             | 133            | 222            | 620            | 1,315          | 2,706          | 5,616          | 8,749          | 15,203         | 16,867         | 19,521         | 19,710         | 15,968         | 9,460          | 3,064          | 580            | 58           | 65         |               |
| 48             | 86             | 183            | 357            | 773            | 1,586          | 2,858          | 4,888          | 7,793          | 11,962         | 17,105         | 19,913         | 18,415         | 12,483         | 4,731          | 966            | 126          | 51         |               |
| 24             | 49             | 116            | 259            | 491            | 839            | 1,409          | 2,150          | 3,641          | 5,685          | 8,440          | 11,103         | 14,656         | 20,174         | 28,415         | 40,731         | 55,966       | 77,103     |               |
| 32             | 63             | 138            | 288            | 591            | 939            | 1,275          | 1,259          | 1,402          | 1,623          | 1,276          | 982            | 666            | 401            | 201            | 74             | 52           | 17         |               |
| 2              | 2              | 3              | 2              | 10             | 18             | 29             | 32             | 63             | 60             | 58             | 54             | 35             | 30             | 9              | 4              | 1            | -          |               |
| 2              | 1              | 2              | 2              | 1              | 8              | 5              | 10             | 8              | 15             | 15             | 17             | 18             | 7              | 10             | 5              | 3            | 1          |               |
| 18             | 45             | 42             | 84             | 97             | 149            | 202            | 198            | 284            | 319            | 366            | 339            | 339            | 203            | 60             | 17             | 4            | 1          | 93a           |
| 8              | 17             | 9              | 29             | 38             | 70             | 84             | 87             | 136            | 144            | 190            | 194            | 139            | 87             | 30             | 10             | 1            | 1          |               |
| 4              | 8              | 16             | 21             | 25             | 32             | 47             | 57             | 78             | 126            | 132            | 155            | 160            | 105            | 46             | 6              | 1            | 1          |               |
| 2              | 8              | 6              | 17             | 9              | 22             | 40             | 31             | 34             | 22             | 19             | 10             | 9              | 7              | 1              | -              | -            | -          |               |
| 3              | 12             | 10             | 17             | 15             | 25             | 31             | 23             | 35             | 27             | 24             | 10             | 11             | 4              | 3              | 1              | 2            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 13             | 28             | 41             | 51             | 92             | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        | 93b           |
| 3              | 8              | 13             | 13             | 45             | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 4              | 6              | 6              | 18             | 21             | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 5              | 6              | 6              | 7              | 12             | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 1              | -              | -              | -              | 14             | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...            | ...          | ...        |               |
| 19             | 24             | 38             | 46             | 62             | 86             | 137            | 132            | 116            | 155            | 161            | 123            | 69             | 49             | 9              | 2              | 1            | 2          | 93c           |
| 11             | 13             | 11             | 20             | 29             | 32             | 61             | 60             | 55             | 67             | 59             | 50             | 26             | 14             | 1              | -              | -            | 1          |               |
| 5              | 8              | 21             | 18             | 27             | 44             | 62             | 68             | 54             | 82             | 98             | 66             | 39             | 33             | 8              | -              | -            | 1          |               |
| 3              | 2              | 4              | 5              | 4              | 7              | 7              | 3              | 4              | 3              | 4              | 4              | 1              | 1              | 1              | -              | -            | -          |               |
| 1              | -              | -              | -              | 2              | 3              | 3              | 3              | 3              | 3              | 3              | 3              | 4              | 4              | 1              | 1              | 1            | -          |               |
| 113            | 206            | 478            | 1,209          | 2,719          | 5,293          | 10,029         | 15,093         | 22,188         | 29,793         | 36,795         | 39,074         | 33,360         | 21,129         | 7,510          | 1,530          | 242          | 139        | 93d           |
| 51             | 85             | 166            | 489            | 1,117          | 2,343          | 5,070          | 8,018          | 12,167         | 15,673         | 18,206         | 18,405         | 14,892         | 6,752          | 2,811          | 525            | 52           | 60         |               |
| 28             | 56             | 127            | 274            | 686            | 1,585          | 2,560          | 4,610          | 7,247          | 11,188         | 16,070         | 19,707         | 17,236         | 11,670         | 4,368          | 876            | 113          | 44         |               |
| 13             | 25             | 62             | 204            | 416            | 705            | 1,235          | 1,401          | 1,451          | 1,487          | 1,298          | 1,009          | 595            | 312            | 131            | 59             | 29           | 18         |               |
| 19             | 37             | 100            | 238            | 520            | 857            | 1,135          | 1,126          | 1,285          | 1,377          | 1,155          | 889            | 606            | 361            | 185            | 65             | 45           | 16         |               |
| 2              | 2              | 2              | 2              | 9              | 18             | 24             | 30             | 60             | 53             | 54             | 52             | 33             | 28             | 7              | 2              | 1            | -          |               |
| 28             | 35             | 65             | 139            | 201            | 368            | 624            | 1,105          | 1,522          | 1,885          | 2,093          | 2,219          | 1,988          | 1,355          | 564            | 148            | 25           | 13         | 93e           |
| 10             | 10             | 23             | 62             | 86             | 261            | 401            | 594            | 845            | 983            | 1,066          | 1,061          | 909            | 607            | 223            | 44             | 5            | 4          |               |
| 7              | 8              | 13             | 26             | 44             | 125            | 189            | 263            | 414            | 587            | 805            | 991            | 960            | 675            | 309            | 84             | 12           | 5          |               |
| 6              | 8              | 15             | 26             | 40             | 105            | 127            | 147            | 152            | 173            | 120            | 80             | 52             | 35             | 16             | 8              | 3            | 3          |               |
| 5              | 7              | 14             | 24             | 30             | 74             | 102            | 107            | 109            | 115            | 98             | 80             | 45             | 35             | 14             | 10             | 4            | 1          |               |
| -              | -              | -              | -              | 1              | 2              | 5              | 2              | 2              | 7              | 4              | 2              | 2              | 2              | 2              | 2              | 2            | -          |               |
| 164            | 369            | 809            | 2,415          | 5,365          | 9,252          | 14,907         | 19,539         | 22,753         | 24,413         | 22,933         | 18,688         | 11,201         | 5,566          | 1,557          | 294            | 55           | 88         | 94            |
| 81             | 211            | 506            | 1,772          | 4,110          | 7,200          | 11,537         | 14,991         | 16,618         | 16,789         | 14,662         | 11,033         | 6,149          | 2,882          | 729            | 131            | 15           | 55         |               |
| 40             | 71             | 149            | 317            | 677            | 1,220          | 2,194          | 3,435          | 5,032          | 6,697          | 7,636          | 7,176          | 4,612          | 2,567          | 779            | 142            | 17           | 18         |               |
| 18             | 36             | 68             | 167            | 329            | 511            | 674            | 635            | 539            | 379            | 277            | 109            | 52             | 27             | 9              | 10             | 15           | 15         |               |
| 25             | 50             | 85             | 152            | 234            | 309            | 377            | 419            | 417            | 386            | 224            | 179            | 118            | 56             | 19             | 10             | 12           | 9          |               |
| -              | -              | -              | 3              | 12             | 11             | 21             | 25             | 46             | 37             | 24             | 20             | 12             | 4              | 2              | 1              | 1            | -          |               |
| 161            | 361            | 890            | 2,367          | 5,269          | 9,126          | 14,614         | 19,255         | 22,407         | 23,994         | 22,489         | 18,340         | 11,006         | 5,450          | 1,531          | 290            | 52           | 94         | 94a           |
| 80             | 207            | 579            | 1,746          | 4,040          | 7,108          | 11,405         | 14,785         | 16,393         | 16,495         | 14,386         | 10,820         | 6,033          | 2,833          | 721            | 130            | 14           | 53         |               |
| 39             | 71             | 146            | 314            | 666            | 1,208          | 2,170          | 3,579          | 4,953          | 6,579          | 7,486          | 7,060          | 4,735          | 2,505          | 761            | 140            | 16           | 18         |               |
| 18             | 36             | 64             | 135            | 319            | 497            | 650            | 652            | 620            | 524            | 365            | 268            | 106            | 49             | 27             | 9              | 10           | 14         |               |
| 24             | 47             | 80             | 145            | 228            | 301            | 364            | 409            | 401            | 353            | 220            | 169            | 117            | 54             | 19             | 9              | 11           | 8          |               |
| -              | -              | -              | 3              | 12             | 11             | 21             | 25             | 46             | 37             | 24             | 20             | 11             | 4              | 2              | 1              | 1            | 1          |               |
| 3              | 7              | 19             | 46             | 97             | 126            | 193            | 284            | 346            | 419            | 444            | 348            | 195            | 116            | 26             | 4              | 3            | 4          |               |
| 1              | 4              | 7              | 26             | 70             | 92             | 132            | 196            | 255            | 276            | 213            | 114            | 49             | 114            | 18             | 1              | 1            | 2          | 94b           |
| 1              | 3              | 5              | 8              | 11             | 12             | 24             | 56             | 79             | 118            | 150            | 116            | 77             | 62             | 18             | 2              | 1            | 1          |               |
| 1              | 3              | 5              | 7              | 10             | 14             | 24             | 22             | 15             | 15             | 14             | 9              | 2              | 3              | 1              | 1              | 1            | 1          |               |
| 410            | 593            | 786            | 1,141          | 1,597          | 2,051          | 2,593          | 3,000          | 3,554          | 3,869          | 3,900          | 3,740          | 2,909          | 1,738          | 610            | 129            | 39           | 28         | 95            |
| 176            | 239            | 334            | 498            | 784            | 974            | 1,341          | 1,734          | 2,015          | 2,187          | 2,116          | 1,811          | 1,427          | 795            | 235            | 59             | 5            | 17         |               |
| 136            | 221            | 298            | 414            | 491            | 595            | 718            | 775            | 1,047          | 1,195          | 1,330          | 1,535          | 1,294          | 858            | 325            | 73             | 13           | 6          |               |
| 41             | 49             | 70             | 99             | 208            | 256            | 312            | 290            | 265            | 266            | 219            | 172            | 114            | 47             | 28             | 10             | 12           | 4          |               |
| 56             | 69             | 91             | 136            | 160            | 206            | 211            | 194            | 198            | 204            | 166            | 108            | 69             | 34             | 20             | 7              | 8            | 4          |               |
| 1              | 2              | 3              | 4              | 6              | 6              | 7              | 7              | 4              | 12             | 8              | 13             | 3              | 2              | 2              | 2              | 1            | 1          |               |
| 11             | 8              | 15             | 18             | 32             | 45             | 56             | 64             | 100            | 139            | 150            | 140            | 115            | 81             | 53             | 7              | 1            | 1          | 95a           |
| 6              | 3              | 6              | 4              | 13             | 26             | 33             | 29             | 59             | 67             | 77             | 63             | 48             | 39             | 10             | 2              | 4            | 1          |               |
| 4              | 5              | 5              | 8              | 11             | 14             | 17             | 30             | 31             | 62             | 65             | 71             | 60             | 41             | 21             | 4              | 1            | 1          |               |
| 1              | 1              | 1              | 4              | 4              | 3              | 2              | 3              | 3              | 6              | 5              | 3              | 4              | 2              | 1              | 1              | 1            | 1          |               |
| 282            | 407            | 478            | 642            | 760            | 795            | 777            | 692            | 637            | 500            | 358            | 257            | 136            | 71             | 15             | 5              | 1            | 1          | 95b           |
| 125            | 171            | 213            | 265            | 339            | 353            | 364            | 355            | 306            | 241            | 166            | 112            | 57             | 23             | 6              | 1              | 1            | 1          |               |
| 107            | 173            | 212            | 309            | 339            | 353            | 359            | 315            | 301            | 233            | 175            | 138            | 72             | 43             | 9              | 5              | 1            | 1          |               |
| 17             | 27             | 23             | 20             | 37             | 41             | 26             | 18             | 16             | 11             | 11             | 4              | 2              | 2              | 2              | 2              | 2            | 2          |               |
| 32             | 33             | 29             | 47             | 44             | 43             | 25             | 22             | 13             | 13             | 6              | 3              | 5              | 3              | 1              | 1              | 1            | 1          |               |
| 1              | 3              | 1              | 1              | 1              | 2              | 2              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1            | 1          |               |
| 117            | 168            | 293            | 481            | 805            | 1,191          | 1,760          | 2,244          | 2,617          | 3,250          | 3,382          | 3,343          | 2,658          | 1,586          | 562            | 117            | 37           | 27         | 95c           |
| 45             | 65             | 115            | 219            | 392            | 595            | 944            | 1,571          | 1,652          | 1,879          | 1,875          | 1,736          | 1,322          | 734            | 219            | 37             | 5            | 17         |               |
| 25             | 43             | 71             | 97             | 141            | 216            | 342            | 430            | 715            | 900            | 1,180          | 1,326          | 1,162          | 774            | 295            | 64             | 11           | 5          |               |
| 23             | 22             | 46             | 77             | 167            | 213            | 293            | 263            | 266            | 251            | 205            | 165            | 109            | 43             | 18             | 9              | 12           | 4          |               |
| 24             | 36             | 59             | 85             | 112            | 160            | 194            | 169            | 177            | 165            | 155            | 102            | 60             | 31             | 28             | 7              | 8            | 1          |               |
| -              | -              | -              | 3              | 5              | 5              | 4              | 5              | 3              | 11             | 8              | 13             | 3              | 3              |                |                |              |            |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                                     | CAUSE OF DEATH, RACE, AND SEX                         | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| VII.—Diseases of the circulatory system—Continued |   |              |              |        |         |         |         |               |              |                |                |
| 97  | Arteriosclerosis (except coronary or renal sclerosis) | 25,629       | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | White—Male  | 12,266       | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 11,542       | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male  | 944          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 826          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Other—Male  | 35           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 16           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 98  | Gangrene  | 548          | 4            | 1      | 1       | 2       | -       | 8             | 1            | -              | 1              |
|   | White—Male  | 145          | 1            | 1      | 1       | 1       | -       | 4             | -            | -              | -              |
|   | Female  | 131          | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Negro—Male  | 45           | 1            | -      | -       | -       | -       | 1             | 1            | -              | 1              |
|   | Female  | 23           | 1            | -      | -       | -       | -       | 2             | -            | -              | -              |
|   | Other—Male  | 5            | 1            | -      | -       | 1       | -       | -             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 99  | Other diseases of arteries                            | 2,055        | 21           | 2      | -       | -       | -       | 25            | -            | -              | 11             |
|   | White—Male  | 1,069        | 11           | 1      | -       | -       | -       | 12            | -            | -              | 3              |
|   | Female  | 825          | 7            | 1      | -       | -       | -       | 6             | -            | -              | 4              |
|   | Negro—Male  | 79           | 1            | -      | -       | -       | -       | 1             | -            | -              | 1              |
|   | Female  | 79           | 2            | -      | -       | -       | -       | 2             | -            | -              | 3              |
|   | Other—Male  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 100   | Diseases of veins                                     | 1,420        | 4            | 1      | -       | 1       | 1       | 7             | 3            | 3              | 4              |
|   | White—Male  | 638          | 2            | -      | -       | -       | -       | 2             | 4            | 2              | 2              |
|   | Female  | 644          | 2            | 1      | -       | 1       | -       | 4             | 2            | 2              | 1              |
|   | Negro—Male  | 72           | -            | -      | -       | -       | -       | 1             | 1            | -              | -              |
|   | Female  | 64           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 101   | Diseases of lymphatic system                          | 49           | 5            | 3      | 1       | -       | 1       | 10            | 5            | -              | 1              |
|   | White—Male  | 21           | 2            | 1      | -       | -       | -       | 3             | 1            | -              | -              |
|   | Female  | 21           | 2            | 1      | 1       | -       | 1       | 5             | 2            | -              | 1              |
|   | Negro—Male  | 4            | 1            | 1      | -       | -       | -       | 2             | 1            | -              | -              |
|   | Female  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 102   | High blood pressure (idiopathic)                      | 1,956        | -            | -      | -       | -       | -       | -             | 1            | 1              | 4              |
|   | White—Male  | 669          | -            | -      | -       | -       | -       | -             | 1            | -              | 1              |
|   | Female  | 747          | -            | -      | -       | -       | -       | -             | -            | -              | 3              |
|   | Negro—Male  | 219          | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Female  | 291          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 103   | Other diseases of circulatory system                  | 197          | 2            | 1      | -       | 1       | -       | 4             | 1            | -              | 4              |
|   | White—Male  | 84           | 1            | -      | -       | -       | -       | 1             | 1            | -              | 2              |
|   | Female  | 55           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male  | 35           | -            | -      | -       | 1       | -       | 1             | -            | -              | 2              |
|   | Female  | 20           | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Other—Male  | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| VIII.—Diseases of the respiratory system          |   |              |              |        |         |         |         |               |              |                |                |
|   | White—Male  | 51,412       | 5,491        | 815    | 282     | 174     | 109     | 6,871         | 274          | 152            | 224            |
|   | Female  | 22,889       | 4,286        | 628    | 241     | 130     | 79      | 5,362         | 216          | 151            | 150            |
|   | Negro—Male  | 5,597        | 1,720        | 198    | 69      | 40      | 29      | 2,056         | 65           | 34             | 59             |
|   | Female  | 4,381        | 1,422        | 198    | 83      | 56      | 37      | 1,756         | 60           | 40             | 76             |
|   | Other—Male  | 372          | 154          | 23     | 5       | 9       | 3       | 194           | 7            | 1              | 1              |
|   | Female  | 278          | 144          | 26     | 9       | 1       | 1       | 181           | 5            | 4              | 4              |
| 104   | Diseases of nasal fossae, accessory sinuses           | 451          | 195          | 25     | 9       | 6       | 2       | 237           | 6            | 13             | 16             |
|   | White—Male  | 170          | 57           | 11     | 6       | 4       | 2       | 80            | 3            | 4              | 10             |
|   | Female  | 125          | 41           | 5      | 3       | -       | -       | 49            | 1            | 3              | 1              |
|   | Negro—Male  | 77           | 46           | 7      | -       | 1       | -       | 54            | -            | 3              | 3              |
|   | Female  | 70           | 47           | 1      | -       | -       | -       | 48            | 2            | 3              | 2              |
|   | Other—Male  | 6            | 2            | -      | -       | 1       | -       | 3             | -            | -              | -              |
|   | Female  | 3            | 2            | 1      | -       | -       | -       | 3             | -            | -              | -              |
| 105   | Diseases of larynx                                    | 245          | 69           | 34     | 13      | 19      | 8       | 143           | 15           | 2              | 3              |
|   | White—Male  | 117          | 35           | 18     | 7       | 11      | 3       | 74            | 9            | -              | 1              |
|   | Female  | 83           | 26           | 12     | 4       | 6       | 4       | 52            | 6            | 2              | -              |
|   | Negro—Male  | 15           | 3            | 2      | -       | 1       | -       | 6             | -            | -              | 1              |
|   | Female  | 19           | 5            | 2      | 2       | 1       | -       | 10            | -            | -              | 1              |
|   | Other—Male  | 1            | -            | -      | -       | -       | 1       | 1             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 106   | Bronchitis  | 3,450        | 527          | 156    | 79      | 49      | 28      | 839           | 50           | 22             | 23             |
|   | White—Male  | 1,908        | 254          | 80     | 40      | 27      | 16      | 417           | 27           | 11             | 10             |
|   | Female  | 1,205        | 157          | 57     | 32      | 17      | 10      | 273           | 17           | 11             | 10             |
|   | Negro—Male  | 181          | 59           | 9      | 3       | 4       | 1       | 76            | 4            | -              | 1              |
|   | Female  | 135          | 47           | 6      | 4       | 1       | 1       | 61            | 2            | -              | 2              |
|   | Other—Male  | 9            | 3            | 1      | -       | -       | -       | 4             | -            | -              | -              |
|   | Female  | 12           | 7            | 1      | -       | -       | -       | 8             | -            | -              | -              |
| 107   | Bronchopneumonia (including capillary bronchitis)     | 27,722       | 7,967        | 965    | 323     | 172     | 116     | 9,543         | 268          | 132            | 156            |
|   | White—Male  | 12,954       | 3,303        | 413    | 133     | 79      | 53      | 3,981         | 127          | 56             | 76             |
|   | Female  | 10,323       | 2,533        | 316    | 113     | 50      | 28      | 3,040         | 97           | 50             | 46             |
|   | Negro—Male  | 2,181        | 1,053        | 92     | 56      | 22      | 16      | 1,218         | 21           | 12             | 13             |
|   | Female  | 1,333        | 685          | 116    | 51      | 16      | 17      | 1,065         | 18           | 11             | 20             |
|   | Other—Male  | 130          | 94           | 15     | 4       | 5       | 1       | 119           | 3            | 1              | -              |
|   | Female  | 151          | 99           | 13     | 6       | -       | 1       | 119           | 2            | 2              | 1              |
| 108   | Lobar pneumonia                                       | 16,028       | 2,127        | 362    | 120     | 60      | 44      | 2,713         | 158          | 115            | 161            |
|   | White—Male  | 8,979        | 626          | 131    | 45      | 25      | 16      | 1,043         | 58           | 46             | 54             |
|   | Female  | 5,679        | 744          | 116    | 44      | 21      | 15      | 940           | 50           | 41             | 46             |
|   | Negro—Male  | 1,922        | 284          | 57     | 16      | 4       | 2       | 363           | 24           | 11             | 24             |
|   | Female  | 1,289        | 229          | 48     | 13      | 7       | 10      | 307           | 22           | 14             | 35             |
|   | Other—Male  | 92           | 24           | 2      | -       | 2       | 1       | 29            | 1            | -              | 1              |
|   | Female  | 67           | 20           | 8      | 2       | 1       | -       | 31            | 3            | 1              | 1              |
| 109   | Pneumonia (unspecified)                               | 5,675        | 1,889        | 240    | 86      | 46      | 28      | 2,289         | 65           | 54             | 66             |
|   | White—Male  | 2,617        | 800          | 111    | 35      | 18      | 6       | 970           | 27           | 16             | 31             |
|   | Female  | 1,961        | 621          | 83     | 28      | 16      | 8       | 756           | 19           | 28             | 22             |
|   | Negro—Male  | 574          | 246          | 23     | 9       | 6       | 7       | 291           | 6            | 4              | 9              |
|   | Female  | 438          | 178          | 16     | 12      | 5       | 7       | 218           | 9            | 5              | 4              |
|   | Other—Male  | 54           | 28           | 4      | 1       | 1       | -       | 34            | 2            | -              | -              |
|   | Female  | 31           | 16           | 3      | 1       | -       | -       | 20            | -            | 1              | -              |



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                                      | CAUSE OF DEATH, RACE, AND SEX                              | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|--|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| VIII.—Diseases of the respiratory system—Continued |  |              |              |        |         |         |         |               |              |                |                |
| 109A   | Pneumonia (unspecified)—Continued                          |              |              |        |         |         |         |               |              |                |                |
|  | Atypical or virus pneumonia-----                           | 1,160        | 247          | 61     | 20      | 7       | 7       | 342           | 16           | 15             | 31             |
|  | White-----Male-----  | 576          | 114          | 29     | 6       | 3       | 3       | 158           | 6            | 7              | 13             |
|  | Female-----  | 456          | 101          | 29     | 7       | 4       | 2       | 145           | 6            | 7              | 10             |
|  | Negro-----Male-----  | 71           | 16           | 2      | 2       | -       | 1       | 23            | 1            | 1              | 7              |
|  | Female-----  | 51           | 12           | 1      | 5       | -       | 1       | 19            | 3            | -              | 1              |
| Other-----Male-----                                | 5  | 2            | -            | -      | -       | -       | 2       | -             | -            | -              |                |
| Female-----  | 1  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 109B   | Pneumonia (all other, unspecified)                         | 4,515        | 1,842        | 179    | 66      | 39      | 21      | 1,947         | 49           | 39             | 35             |
|  | White-----Male-----  | 2,041        | 686          | 82     | 29      | 15      | 3       | 815           | 21           | 9              | 18             |
|  | Female-----  | 1,505        | 520          | 54     | 21      | 12      | 6       | 615           | 15           | 21             | 12             |
|  | Negro-----Male-----  | 505          | 228          | 21     | 7       | 6       | 6       | 268           | 7            | 3              | 2              |
|  | Female-----  | 387          | 166          | 15     | 7       | 5       | 6       | 189           | 6            | 5              | 3              |
|  | Other-----Male-----  | 49           | 26           | 4      | 1       | 1       | -       | 32            | 2            | -              | -              |
| Female-----  | 30   | 16           | 3            | 1      | -       | -       | 20      | -             | 1            | -              |                |
| 110  | Pleurisy (not tuberculous)                                 | 1,108        | 103          | 12     | 3       | 7       | 2       | 127           | 11           | 4              | 23             |
|  | White-----Male-----  | 589          | 55           | 3      | 2       | 4       | -       | 64            | 3            | 1              | 7              |
|  | Female-----  | 342          | 31           | 6      | 1       | 2       | 2       | 42            | 6            | 3              | 9              |
|  | Negro-----Male-----  | 105          | 7            | 1      | -       | -       | -       | 6             | 1            | -              | 2              |
|  | Female-----  | 63           | 8            | 2      | -       | 1       | -       | 11            | 1            | -              | 5              |
|  | Other-----Male-----  | 5            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
| Female-----  | 4  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 111  | Hemorrhagic infarction, thrombosis, edema*                 | 4,114        | 102          | 21     | 7       | 7       | 8       | 145           | 14           | 15             | 33             |
|  | White-----Male-----  | 1,871        | 49           | 12     | 1       | 2       | 3       | 67            | 4            | 8              | 21             |
|  | Female-----  | 1,814        | 38           | 6      | 5       | 5       | 4       | 58            | 7            | 5              | 6              |
|  | Negro-----Male-----  | 204          | 8            | -      | 1       | -       | 1       | 10            | 1            | -              | 1              |
|  | Female-----  | 211          | 7            | 2      | -       | -       | -       | 9             | 1            | 2              | 4              |
|  | Other-----Male-----  | 11           | 1            | -      | -       | -       | -       | 1             | 1            | -              | -              |
| Female-----  | 5  | -            | -            | -      | -       | -       | -       | -             | -            | 1              |                |
| 112  | Asthma-----  | 2,627        | 35           | 25     | 15      | 12      | 15      | 100           | 25           | 12             | 15             |
|  | White-----Male-----  | 1,465        | 18           | 9      | 6       | 2       | 5       | 40            | 12           | 4              | 3              |
|  | Female-----  | 850          | 11           | 10     | 6       | 6       | 6       | 39            | 7            | 5              | 6              |
|  | Negro-----Male-----  | 182          | 4            | 3      | 2       | -       | 2       | 11            | 2            | 2              | 3              |
|  | Female-----  | 139          | 2            | 1      | 1       | 4       | 2       | 10            | 4            | 1              | 1              |
|  | Other-----Male-----  | 8            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | 3  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 113  | Pulmonary emphysema-----                                   | 449          | 35           | 1      | 2       | -       | 1       | 37            | -            | 1              | 2              |
|  | White-----Male-----  | 339          | 14           | -      | 1       | -       | 1       | 16            | -            | -              | 1              |
|  | Female-----  | 77           | 11           | -      | 1       | -       | -       | 12            | -            | 1              | 1              |
|  | Negro-----Male-----  | 22           | 2            | 1      | -       | -       | -       | 3             | -            | -              | -              |
|  | Female-----  | 8            | 5            | -      | -       | -       | -       | 5             | -            | -              | -              |
|  | Other-----Male-----  | 3            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
| Female-----  | -  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 114  | Other diseases of respiratory system (except tuberculosis) | 2,060        | 170          | 47     | 12      | 12      | 6       | 247           | 15           | 12             | 18             |
|  | White-----Male-----  | 1,403        | 80           | 27     | 6       | 2       | 4       | 119           | 4            | 4              | 10             |
|  | Female-----  | 420          | 73           | 15     | 4       | 7       | 2       | 101           | 6            | 2              | 3              |
|  | Negro-----Male-----  | 154          | 8            | 3      | 2       | 2       | -       | 15            | 4            | 2              | 2              |
|  | Female-----  | 76           | 9            | 2      | -       | 1       | -       | 12            | 1            | 4              | 2              |
|  | Other-----Male-----  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | 4  | -            | -            | -      | -       | -       | -       | -             | -            | 1              |                |
| 114a,b   | Silicosis, other forms of pneumoconioses-----              | 627          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | White-----Male-----  | 607          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female-----  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Negro-----Male-----  | 14           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | -  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 114c-e   | Other diseases of respiratory system (except tuberculosis) | 1,433        | 170          | 47     | 12      | 12      | 6       | 247           | 15           | 12             | 18             |
|  | White-----Male-----  | 796          | 80           | 27     | 6       | 2       | 4       | 119           | 4            | 4              | 10             |
|  | Female-----  | 415          | 73           | 15     | 4       | 7       | 2       | 101           | 6            | 2              | 3              |
|  | Negro-----Male-----  | 140          | 8            | 3      | 2       | 2       | -       | 15            | 4            | 2              | 2              |
|  | Female-----  | 75           | 9            | 2      | -       | 1       | -       | 12            | 1            | 4              | 2              |
|  | Other-----Male-----  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | 4  | -            | -            | -      | -       | -       | -       | -             | -            | 1              |                |
| IX.—Diseases of the digestive system-----          |  |              |              |        |         |         |         |               |              |                |                |
| White-----Male-----                                |  |              |              |        |         |         |         |               |              |                |                |
| Female-----  |  |              |              |        |         |         |         |               |              |                |                |
| Negro-----Male-----                                |  |              |              |        |         |         |         |               |              |                |                |
| Female-----  |  |              |              |        |         |         |         |               |              |                |                |
| Other-----Male-----                                |  |              |              |        |         |         |         |               |              |                |                |
| Female-----  |  |              |              |        |         |         |         |               |              |                |                |
| 115  | Diseases of buccal cavity and adenae, etc.*-----           | 1,310        | 135          | 61     | 67      | 66      | 59      | 388           | 186          | 67             | 52             |
|  | White-----Male-----  | 563          | 62           | 24     | 40      | 30      | 27      | 183           | 86           | 25             | 20             |
|  | Female-----  | 507          | 44           | 29     | 20      | 25      | 26      | 144           | 67           | 31             | 18             |
|  | Negro-----Male-----  | 118          | 14           | 5      | 4       | 5       | 4       | 32            | 11           | 5              | 8              |
|  | Female-----  | 112          | 14           | 2      | 3       | 4       | 2       | 25            | 21           | 6              | 6              |
|  | Other-----Male-----  | 6            | -            | -      | -       | 1       | -       | 1             | 1            | -              | -              |
| Female-----  | 4  | 1            | 1            | -      | 1       | -       | 3       | -             | -            | -              |                |
| 116  | Diseases of esophagus-----                                 | 285          | 2            | 4      | 5       | 3       | 1       | 15            | 2            | 1              | 3              |
|  | White-----Male-----  | 145          | -            | -      | 1       | -       | -       | 1             | 1            | 1              | 1              |
|  | Female-----  | 103          | 1            | 3      | -       | 2       | -       | 6             | 1            | -              | 2              |
|  | Negro-----Male-----  | 24           | 1            | 1      | 2       | -       | 1       | 5             | -            | -              | -              |
|  | Female-----  | 13           | -            | -      | 2       | 1       | -       | 3             | -            | -              | -              |
|  | Other-----Male-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | -  | -            | -            | -      | -       | -       | -       | -             | -            | -              |                |
| 117  | Ulcer of stomach or duodenum-----                          | 8,708        | 42           | 2      | 1       | 2       | 1       | 48            | 4            | 6              | 10             |
|  | White-----Male-----  | 6,618        | 23           | 1      | 1       | 1       | 1       | 27            | 2            | 1              | 5              |
|  | Female-----  | 1,409        | 13           | 1      | -       | 1       | -       | 15            | 1            | 2              | 3              |
|  | Negro-----Male-----  | 468          | 3            | -      | -       | -       | -       | 3             | -            | 1              | 1              |
|  | Female-----  | 167          | 2            | -      | -       | -       | -       | 2             | 1            | 2              | 1              |
|  | Other-----Male-----  | 40           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| Female-----  | 6  | 1            | -            | -      | -       | -       | 1       | -             | -            | -              |                |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 14             | 18             | 24             | 37             | 41             | 59             | 46             | 65             | 72             | 81             | 89             | 80             | 69             | 40             | 13             | 5              | 3            | -          | 109A          |
| 3              | 5              | 8              | 18             | 21             | 30             | 22             | 46             | 50             | 46             | 42             | 34             | 41             | 18             | 8              | 3              | -            | -          |               |
| 10             | 7              | 8              | 14             | 14             | 15             | 18             | 13             | 18             | 32             | 44             | 41             | 27             | 21             | 5              | 2              | 1            | -          |               |
| -              | 2              | 1              | 4              | 3              | 6              | 4              | 4              | 3              | 2              | 3              | 3              | 1              | 1              | -              | -              | 1            | -          |               |
| 1              | 4              | 7              | -              | 3              | 5              | 2              | 2              | 1              | -              | -              | 2              | -              | -              | -              | -              | 1            | -          |               |
| -              | -              | -              | 1              | -              | 1              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | 1            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 39             | 41             | 57             | 61             | 110            | 124            | 115            | 149            | 201            | 230            | 297            | 310            | 322            | 222            | 106            | 32             | 3            | 4          | 109B          |
| 13             | 11             | 23             | 28             | 49             | 52             | 61             | 74             | 108            | 107            | 157            | 157            | 159            | 109            | 54             | 6              | 1            | 1          |               |
| 15             | 16             | 15             | 22             | 22             | 22             | 28             | 32             | 51             | 77             | 106            | 124            | 145            | 103            | 45             | 21             | 1            | 1          |               |
| 3              | 10             | 7              | 11             | 26             | 30             | 21             | 20             | 19             | 27             | 18             | 10             | 11             | 4              | 3              | 2              | 1            | 1          |               |
| 8              | 4              | 10             | 20             | 11             | 17             | 5              | 22             | 21             | 16             | 14             | 9              | 4              | 4              | 5              | 2              | 1            | 1          |               |
| -              | -              | 1              | -              | 2              | 3              | -              | 1              | 2              | 3              | -              | 2              | 2              | 1              | 1              | -              | -            | -          |               |
| -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | 2              | 2              | 1              | 1              | 1              | -              | -            | -          |               |
| 22             | 31             | 37             | 50             | 63             | 84             | 99             | 103            | 107            | 95             | 86             | 77             | 51             | 26             | 10             | 1              | -            | 1          | 110           |
| 10             | 11             | 16             | 24             | 30             | 43             | 50             | 64             | 74             | 59             | 53             | 37             | 25             | 13             | 5              | 1              | -            | 1          |               |
| 5              | 5              | 10             | 14             | 18             | 25             | 21             | 25             | 21             | 27             | 29             | 33             | 25             | 15             | 7              | -              | -            | -          |               |
| 4              | 11             | 8              | 7              | 11             | 8              | 18             | 10             | 7              | 5              | 3              | 6              | 2              | -              | -              | -              | -            | -          |               |
| 2              | 4              | 3              | 4              | 3              | 8              | 9              | 4              | 5              | 2              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 52             | 46             | 86             | 104            | 136            | 127            | 188            | 277            | 266            | 383            | 483            | 461            | 520            | 427            | 256            | 79             | 12           | 4          | 111           |
| 24             | 13             | 28             | 40             | 49             | 52             | 95             | 149            | 146            | 188            | 239            | 220            | 214            | 187            | 99             | 24             | 5            | 2          |               |
| 17             | 14             | 37             | 37             | 44             | 43             | 57             | 95             | 98             | 157            | 205            | 209            | 263            | 233            | 152            | 51             | 5            | 1          |               |
| 5              | 7              | 8              | 13             | 22             | 16             | 20             | 14             | 11             | 23             | 17             | 20             | 7              | 2              | 3              | 3              | 1            | 1          |               |
| 6              | 12             | 13             | 14             | 21             | 16             | 16             | 16             | 10             | 14             | 20             | 12             | 14             | 5              | 1              | 1              | 2            | 2          |               |
| -              | -              | -              | -              | 1              | -              | -              | 2              | 1              | 1              | 3              | -              | 2              | -              | -              | -              | -            | -          |               |
| 35             | 51             | 64             | 89             | 122            | 185            | 235            | 306            | 355            | 359            | 270            | 184            | 135            | 63             | 13             | 5              | 2            | 2          | 112           |
| 8              | 10             | 14             | 23             | 47             | 98             | 123            | 216            | 223            | 239            | 179            | 110            | 74             | 34             | 5              | 2              | 1            | 2          |               |
| 23             | 32             | 31             | 37             | 47             | 55             | 78             | 63             | 98             | 94             | 75             | 66             | 56             | 27             | 7              | 3              | 1            | 1          |               |
| 1              | 4              | 5              | 16             | 16             | 15             | 17             | 13             | 21             | 17             | 10             | 4              | 3              | 1              | 1              | -              | -            | -          |               |
| 3              | 5              | 12             | 12             | 15             | 15             | 16             | 15             | 12             | 8              | 6              | 4              | 1              | 1              | 1              | -              | 1            | -          |               |
| -              | -              | 1              | 1              | -              | 2              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 3              | -              | 5              | 8              | 10             | 22             | 42             | 65             | 74             | 62             | 51             | 34             | 17             | 9              | 6              | 1              | -            | -          | 113           |
| 1              | -              | 2              | 4              | 8              | 17             | 29             | 59             | 63             | 53             | 40             | 25             | 13             | 5              | 2              | 1              | -            | -          |               |
| 2              | -              | 2              | 1              | 2              | 2              | 8              | 3              | 8              | 7              | 10             | 7              | 3              | 4              | 4              | -              | -            | -          |               |
| -              | -              | -              | 2              | -              | 3              | 5              | 3              | 2              | 1              | 1              | 2              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | 1              | 1              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 31             | 37             | 50             | 80             | 111            | 145            | 206            | 272            | 250            | 219            | 160            | 107            | 55             | 30             | 9              | 4              | 2            | 2          | 114           |
| 15             | 14             | 16             | 42             | 64             | 101            | 148            | 224            | 207            | 177            | 120            | 85             | 37             | 9              | 6              | -              | -            | 1          |               |
| 7              | 11             | 20             | 21             | 22             | 12             | 31             | 27             | 38             | 29             | 35             | 20             | 13             | 20             | 3              | 2              | -            | -          |               |
| 4              | 9              | 5              | 13             | 22             | 19             | 20             | 16             | 5              | 10             | 3              | 1              | 3              | -              | 1              | 1              | -            | -          |               |
| 4              | 3              | 9              | 4              | 3              | 13             | 4              | 5              | 3              | 3              | 1              | 1              | 2              | 1              | 1              | 1              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 2              | 1              | 12             | 25             | 37             | 78             | 131            | 118            | 97             | 75             | 36             | 13             | 2              | -              | -              | -            | -          | 114a,b        |
| -              | 2              | -              | 10             | 24             | 35             | 75             | 126            | 118            | 94             | 72             | 36             | 13             | 2              | -              | -              | -            | -          |               |
| -              | -              | 1              | 1              | 1              | 1              | -              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | 1              | -              | 1              | 3              | 5              | -              | 3              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 31             | 35             | 49             | 68             | 86             | 108            | 128            | 141            | 132            | 122            | 85             | 71             | 42             | 28             | 9              | 4              | -            | 2          | 114c-e        |
| 15             | 12             | 16             | 32             | 40             | 66             | 73             | 98             | 89             | 63             | 48             | 49             | 24             | 7              | 6              | -              | -            | 1          |               |
| 7              | 11             | 19             | 20             | 21             | 11             | 31             | 27             | 35             | 29             | 34             | 20             | 13             | 20             | 3              | 2              | -            | -          |               |
| 4              | 9              | 5              | 12             | 22             | 18             | 17             | 11             | 5              | 7              | 2              | 1              | 3              | -              | 1              | 1              | -            | -          |               |
| 4              | 3              | 9              | 4              | 3              | 13             | 4              | 5              | 3              | 3              | 1              | 1              | 2              | 1              | 1              | 1              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | 2              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 658            | 905            | 1,390          | 2,280          | 3,451          | 4,305          | 5,468          | 6,171          | 6,456          | 6,297          | 5,718          | 4,592          | 2,939          | 1,506          | 434            | 93             | 17           | 35         |               |
| 254            | 354            | 657            | 1,066          | 1,858          | 2,456          | 3,155          | 3,713          | 3,877          | 3,634          | 3,155          | 2,398          | 1,489          | 695            | 154            | 32             | 2            | 22         |               |
| 247            | 351            | 489            | 786            | 1,081          | 1,249          | 1,679          | 1,916          | 2,098          | 2,261          | 2,276          | 2,020          | 1,352          | 768            | 259            | 50             | 2            | 4          |               |
| 64             | 105            | 112            | 210            | 243            | 312            | 361            | 322            | 278            | 213            | 164            | 106            | 63             | 19             | 11             | 5              | 3            | 5          |               |
| 86             | 91             | 142            | 205            | 273            | 269            | 249            | 198            | 177            | 156            | 100            | 60             | 28             | 19             | 9              | 6              | 3            | 2          |               |
| 6              | 3              | 4              | 8              | 11             | 8              | 17             | 16             | 29             | 25             | 15             | 3              | 4              | 3              | 1              | -              | -            | 2          |               |
| 1              | 1              | 6              | 5              | 5              | 11             | 7              | 6              | 7              | 8              | 8              | 5              | 3              | 2              | -              | -              | -            | -          |               |
| 53             | 47             | 43             | 56             | 41             | 46             | 43             | 40             | 48             | 45             | 42             | 37             | 33             | 22             | 14             | 4              | 1            | 2          | 115           |
| 19             | 16             | 15             | 17             | 19             | 17             | 19             | 19             | 20             | 20             | 20             | 21             | 13             | 7              | 5              | 2              | -            | -          |               |
| 24             | 20             | 16             | 23             | 9              | 11             | 17             | 16             | 19             | 21             | 15             | 12             | 18             | 15             | 8              | 2              | 1            | 1          |               |
| 5              | 9              | 5              | 5              | 7              | 12             | 3              | 2              | 5              | 2              | 2              | 2              | 1              | -              | 1              | -              | -            | -          |               |
| 4              | 2              | 6              | 11             | 5              | 6              | 3              | 3              | 3              | 3              | 5              | 2              | 1              | -              | -              | -              | -            | -          |               |
| 1              | -              | 1              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 7              | 3              | -              | 7              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | 2              | 1              | 2              | 6              | 6              | 7              | 14             | 21             | 16             | 16             | 21             | 20             | 7              | 1              | -              | -            | -          | 116           |
| 5              | 1              | -              | -              | 4              | 5              | 3              | 3              | 7              | 13             | 16             | 14             | 11             | 5              | 3              | -              | -            | -          |               |
| 1              | -              | -              | 4              | 1              | 3              | 3              | -              | 3              | 2              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | 1              | 1              | 2              | -              | -              | -              | -              | -              | 1              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 41             | 88             | 160            | 301            | 487            | 724            | 993            | 1,131          | 1,241          | 1,191          | 975            | 665            | 391            | 173            | 56             | 8              | 1            | 4          | 117           |
| 25             | 61             | 119            | 200            | 341            | 556            | 784            | 927            | 1,012          | 833            | 732            | 479            | 285            | 97             | 24             | 4              | 1            | 3          |               |
| 4              | 15             | 17             | 48             | 72             | 79             | 106            | 125            | 158            | 195            | 202            | 167            | 100            | 69             | 32             | 2              | -            | -          |               |
| 11             | 19             | 19             | 39             | 49             | 66             | 73             | 52             | 48             | 38             | 25             | 16             | 3              | 4              | -              | 1              | -            | -          |               |
| 1              | 3              | 4              | 12             | 23             | 21             | 26             | 24             | 12             | 18             | 10             | 2              | 1              | 3              | -              | -              | -            | -          |               |
| -              | -              | 1              | 1              | 2              | -              | 4              | 3              | 14             | 7              | 4              | 1              | 2              | -              | -              | -              | -            | -          |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                             | CAUSE OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| IX.—Diseases of the digestive system—Con. |   |              |              |        |         |         |         |               |              |                |                |
| 117a                                      | Ulcer of stomach or duodenum—Continued            |              |              |        |         |         |         |               |              |                |                |
|   | Ulcer of stomach—                                 | 5,297        | 29           | 1      | -       | 2       | 1       | 33            | 5            | 4              | 7              |
|   | White—Male  | 3,939        | 16           | 1      | -       | 1       | 1       | 19            | 1            | -              | 3              |
|   | Female  | 859          | 7            | -      | -       | 1       | -       | 8             | 1            | 2              | 2              |
|   | Negro—Male  | 346          | 3            | -      | -       | -       | -       | 3             | -            | 1              | 1              |
|   | Female  | 123          | 2            | -      | -       | -       | -       | 2             | 1            | 1              | 1              |
|   | Other—Male  | 25           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 8            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
| 117b                                      | Ulcer of duodenum—                                | 5,411        | 13           | 1      | 1       | -       | -       | 15            | 1            | 2              | 3              |
|   | White—Male  | 2,872        | 7            | -      | 1       | -       | -       | 8             | 1            | 1              | 2              |
|   | Female  | 560          | 6            | 1      | -       | -       | -       | 7             | -            | -              | 1              |
|   | Negro—Male  | 122          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 44           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Other—Male  | 15           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 118                                       | Other diseases of stomach (except cancer)—        | 1,269        | 118          | 15     | 12      | 7       | 4       | 156           | 8            | 10             | 14             |
|   | White—Male  | 564          | 44           | 6      | 5       | 3       | 2       | 60            | 3            | 6              | 5              |
|   | Female  | 309          | 34           | 7      | 6       | 3       | -       | 50            | 1            | 3              | 3              |
|   | Negro—Male  | 190          | 23           | 1      | 1       | 1       | 1       | 27            | 2            | -              | 2              |
|   | Female  | 187          | 15           | 1      | -       | -       | -       | 17            | 2            | 1              | 2              |
|   | Other—Male  | 5            | 2            | -      | -       | -       | -       | 2             | -            | -              | 1              |
|   | Female  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 119                                       | Diarrhea, enteritis, etc.* (under 2 years)—       | 5,903        | 6,322        | 596    | ...     | ...     | ...     | 6,908         | ...          | ...            | ...            |
|   | White—Male  | 3,111        | 2,867        | 244    | ...     | ...     | ...     | 3,111         | ...          | ...            | ...            |
|   | Female  | 2,501        | 2,269        | 232    | ...     | ...     | ...     | 2,501         | ...          | ...            | ...            |
|   | Negro—Male  | 638          | 598          | 40     | ...     | ...     | ...     | 638           | ...          | ...            | ...            |
|   | Female  | 452          | 415          | 37     | ...     | ...     | ...     | 452           | ...          | ...            | ...            |
|   | Other—Male  | 129          | 111          | 18     | ...     | ...     | ...     | 129           | ...          | ...            | ...            |
|   | Female  | 77           | 62           | 15     | ...     | ...     | ...     | 77            | ...          | ...            | ...            |
| 120                                       | Diarrhea, enteritis, etc.* (2 years and over)—    | 1,823        | ...          | ...    | 128     | 68      | 42      | 258           | 78           | 35             | 37             |
|   | White—Male  | 784          | ...          | ...    | 49      | 34      | 14      | 97            | 30           | 14             | 20             |
|   | Female  | 638          | ...          | ...    | 38      | 36      | 16      | 90            | 35           | 19             | 16             |
|   | Negro—Male  | 155          | ...          | ...    | 19      | 10      | 3       | 32            | 8            | 2              | 1              |
|   | Female  | 141          | ...          | ...    | 13      | 6       | 7       | 26            | 3            | 1              | -              |
|   | Other—Male  | 14           | ...          | ...    | 7       | 2       | 1       | 9             | 2            | -              | -              |
|   | Female  | 11           | ...          | ...    | 2       | 2       | 1       | 5             | 3            | -              | -              |
| 121                                       | Appendicitis—                                     | 4,171        | 26           | 40     | 60      | 61      | 48      | 235           | 186          | 185            | 212            |
|   | White—Male  | 2,244        | 15           | 22     | 31      | 37      | 19      | 122           | 95           | 96             | 106            |
|   | Female  | 1,598        | 9            | 16     | 23      | 20      | 20      | 88            | 60           | 55             | 72             |
|   | Negro—Male  | 297          | 2            | 2      | 2       | 2       | 5       | 13            | 18           | 18             | 22             |
|   | Female  | 217          | 2            | 2      | 2       | 2       | 4       | 10            | 13           | 14             | 12             |
|   | Other—Male  | 12           | -            | -      | 1       | -       | -       | 1             | 2            | -              | -              |
|   | Female  | 5            | -            | -      | 1       | -       | -       | 1             | -            | 2              | -              |
| 122                                       | Hernia and intestinal obstruction—                | 10,099       | 456          | 104    | 37      | 26      | 28      | 651           | 71           | 46             | 69             |
|   | White—Male  | 4,534        | 220          | 56     | 20      | 11      | 14      | 352           | 35           | 25             | 38             |
|   | Female  | 4,260        | 147          | 26     | 11      | 9       | 7       | 200           | 23           | 11             | 16             |
|   | Negro—Male  | 698          | 53           | 15     | 5       | 3       | 6       | 82            | 4            | 5              | 5              |
|   | Female  | 571          | 27           | 5      | 1       | 3       | 1       | 37            | 10           | 5              | 10             |
|   | Other—Male  | 51           | 7            | -      | -       | -       | -       | 7             | 1            | 1              | -              |
|   | Female  | 15           | 2            | -      | -       | -       | -       | 4             | -            | 1              | -              |
| 122a                                      | Hernia—   | 4,321        | -            | 20     | 7       | 4       | 5       | 36            | 10           | 5              | 13             |
|   | White—Male  | 2,243        | -            | 10     | 5       | 1       | 1       | 17            | 6            | 1              | 8              |
|   | Female  | 1,651        | -            | 2      | -       | -       | -       | 4             | 3            | 1              | -              |
|   | Negro—Male  | 301          | -            | 7      | 2       | 2       | 3       | 14            | 1            | 3              | 4              |
|   | Female  | 107          | -            | 1      | -       | -       | -       | 1             | -            | -              | 1              |
|   | Other—Male  | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 122b                                      | Intestinal obstruction—                           | 5,778        | 456          | 94     | 30      | 22      | 23      | 615           | 61           | 41             | 56             |
|   | White—Male  | 2,291        | 220          | 46     | 15      | 10      | 15      | 304           | 27           | 24             | 30             |
|   | Female  | 2,509        | 147          | 24     | 11      | 8       | 6       | 196           | 20           | 10             | 16             |
|   | Negro—Male  | 367          | 53           | 8      | 3       | 1       | 3       | 68            | 3            | 2              | 1              |
|   | Female  | 464          | 27           | 4      | 1       | 3       | 1       | 36            | 10           | 3              | 9              |
|   | Other—Male  | 19           | 7            | -      | -       | -       | -       | 7             | 1            | 1              | -              |
|   | Female  | 8            | 2            | -      | -       | -       | -       | 4             | -            | 1              | -              |
| 123                                       | Other diseases of intestines—                     | 1,992        | 50           | 14     | 7       | 6       | 12      | 89            | 10           | 8              | 17             |
|   | White—Male  | 971          | 23           | 6      | 3       | 4       | 4       | 40            | 7            | 6              | 9              |
|   | Female  | 904          | 15           | 8      | 3       | 1       | 6       | 33            | 2            | 2              | 5              |
|   | Negro—Male  | 103          | 7            | -      | -       | -       | -       | 7             | 1            | -              | 3              |
|   | Female  | 106          | 5            | -      | 1       | 1       | 2       | 9             | -            | -              | -              |
|   | Other—Male  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 124                                       | Cirrhosis of liver—                               | 16,512       | 27           | 15     | 6       | 7       | 4       | 58            | 14           | 17             | 41             |
|   | White—Male  | 10,259       | 7            | 6      | 2       | 3       | 2       | 20            | 6            | 7              | 12             |
|   | Female  | 5,148        | 13           | 8      | 1       | 3       | 2       | 27            | 4            | 10             | 22             |
|   | Negro—Male  | 616          | 3            | 1      | 2       | -       | -       | 6             | 2            | -              | 2              |
|   | Female  | 424          | 4            | -      | -       | 1       | -       | 5             | 1            | -              | 5              |
|   | Other—Male  | 46           | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|   | Female  | 19           | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
| 124a                                      | Cirrhosis of liver with mention of alcoholism—    | 2,885        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | White—Male  | 1,974        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 745          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Negro—Male  | 96           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 54           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male  | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 124b                                      | Cirrhosis of liver without mention of alcoholism— | 13,627       | 27           | 15     | 6       | 7       | 4       | 59            | 14           | 17             | 41             |
|   | White—Male  | 8,285        | 7            | 6      | 2       | 3       | 2       | 20            | 6            | 7              | 12             |
|   | Female  | 4,403        | 13           | 8      | 1       | 3       | 2       | 27            | 4            | 10             | 22             |
|   | Negro—Male  | 520          | 3            | 1      | 2       | -       | -       | 6             | 2            | -              | 5              |
|   | Female  | 370          | 4            | -      | -       | 1       | -       | 5             | 1            | -              | -              |
|   | Other—Male  | 34           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 15           | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
| 125                                       | Other diseases of liver—                          | 1,886        | 36           | 16     | 11      | 10      | 9       | 82            | 15           | 19             | 39             |
|   | White—Male  | 830          | 19           | 6      | 5       | 5       | 5       | 40            | 6            | 6              | 10             |
|   | Female  | 789          | 14           | 7      | 5       | 2       | 4       | 32            | 9            | 6              | 18             |
|   | Negro—Male  | 122          | 2            | 1      | -       | 2       | -       | 5             | -            | 3              | 3              |
|   | Female  | 136          | 1            | 2      | -       | 1       | -       | 4             | -            | 4              | 7              |
|   | Other—Male  | 4            | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
|   | Female  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                                 | CAUSE OF DEATH, RACE, AND SEX                        | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| IX.—Diseases of the digestive system—Con.     |  |              |              |        |         |         |         |               |              |                |                |
| 126   | Biliary calculi-----                                 | 3,775        | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|   | White-----Male-----                                  | 1,228        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 2,441        | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|   | Negro-----Male-----                                  | 24           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 56           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male-----                                  | 11           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 15           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 127   | Other diseases of gallbladder, biliary ducts-----    | 2,475        | 7            | 6      | 2       | 1       | -       | 16            | 4            | -              | 3              |
|   | White-----Male-----                                  | 909          | 4            | 3      | 2       | -       | -       | 9             | 1            | -              | 2              |
|   | Female-----  | 1,413        | 2            | 1      | -       | -       | -       | 3             | 3            | -              | -              |
|   | Negro-----Male-----                                  | 55           | 1            | 1      | -       | -       | -       | 2             | -            | -              | -              |
|   | Female-----  | 86           | -            | 1      | -       | 1       | -       | 2             | -            | -              | -              |
|   | Other-----Male-----                                  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 128   | Diseases of pancreas (except diabetes mellitus)----- | 1,213        | 23           | 36     | 22      | 10      | 5       | 96            | 16           | 5              | 8              |
|   | White-----Male-----                                  | 629          | 13           | 11     | 14      | 5       | 2       | 45            | 7            | 4              | 3              |
|   | Female-----  | 481          | 10           | 23     | 8       | 5       | 3       | 49            | 8            | 1              | 2              |
|   | Negro-----Male-----                                  | 57           | -            | 1      | -       | -       | -       | 1             | 1            | -              | -              |
|   | Female-----  | 43           | -            | 1      | -       | -       | -       | 1             | -            | -              | 1              |
|   | Other-----Male-----                                  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 129   | Peritonitis (cause not stated)-----                  | 805          | 40           | 4      | 8       | 3       | 5       | 60            | 21           | 9              | 16             |
|   | White-----Male-----                                  | 366          | 21           | 3      | 3       | 2       | 3       | 32            | 8            | 6              | 5              |
|   | Female-----  | 299          | 12           | 1      | 4       | 1       | 2       | 20            | 7            | 1              | 5              |
|   | Negro-----Male-----                                  | 53           | 5            | -      | -       | -       | -       | 5             | 3            | 1              | 2              |
|   | Female-----  | 89           | 2            | -      | 1       | -       | -       | 3             | 2            | 1              | 4              |
|   | Other-----Male-----                                  | 4            | -            | -      | -       | -       | -       | -             | 1            | -              | -              |
|   | Female-----  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| X.—Diseases of the genito-urinary system----- |  |              |              |        |         |         |         |               |              |                |                |
|   |  | 90,549       | 222          | 77     | 90      | 101     | 59      | 549           | 247          | 280            | 475            |
|   | White-----Male-----                                  | 43,322       | 122          | 35     | 45      | 45      | 31      | 278           | 106          | 126            | 216            |
|   | Female-----  | 32,499       | 56           | 23     | 32      | 45      | 18      | 174           | 89           | 109            | 167            |
|   | Negro-----Male-----                                  | 7,865        | 28           | 13     | 9       | 7       | 6       | 63            | 26           | 17             | 34             |
|   | Female-----  | 6,618        | 14           | 6      | 4       | 4       | 3       | 31            | 23           | 24             | 55             |
|   | Other-----Male-----                                  | 169          | 1            | -      | -       | -       | -       | 1             | 1            | 1              | 2              |
|   | Female-----  | 76           | 1            | -      | -       | -       | -       | 2             | 2            | 3              | 1              |
| 130   | Acute nephritis-----                                 | 2,136        | 96           | 58     | 37      | 37      | 24      | 232           | 100          | 78             | 99             |
|   | White-----Male-----                                  | 886          | 52           | 13     | 13      | 16      | 15      | 109           | 34           | 40             | 39             |
|   | Female-----  | 640          | 24           | 11     | 14      | 12      | 5       | 66            | 35           | 20             | 32             |
|   | Negro-----Male-----                                  | 321          | 11           | 9      | 8       | 5       | 2       | 35            | 15           | 8              | 12             |
|   | Female-----  | 275          | 7            | 5      | 2       | 4       | 2       | 20            | 14           | 8              | 14             |
|   | Other-----Male-----                                  | 7            | 1            | -      | -       | -       | -       | 1             | 1            | -              | 2              |
|   | Female-----  | 7            | 1            | -      | -       | -       | -       | 1             | 1            | 2              | -              |
| 131   | Chronic nephritis-----                               | 71,666       | 6            | 18     | 34      | 51      | 26      | 135           | 107          | 142            | 285            |
|   | White-----Male-----                                  | 52,080       | 3            | 8      | 22      | 22      | 14      | 89            | 51           | 62             | 153            |
|   | Female-----  | 27,981       | 2            | 6      | 11      | 27      | 9       | 55            | 41           | 64             | 100            |
|   | Negro-----Male-----                                  | 5,945        | 1            | 3      | -       | 2       | 2       | 8             | 7            | 5              | 18             |
|   | Female-----  | 5,475        | -            | 1      | 1       | -       | 1       | 3             | 8            | 9              | 23             |
|   | Other-----Male-----                                  | 122          | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Female-----  | 53           | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
| 131a  | Arteriosclerotic kidney-----                         | 55,407       | 4            | 2      | 4       | 3       | 2       | 15            | 14           | 27             | 94             |
|   | White-----Male-----                                  | 24,518       | 2            | -      | 2       | 1       | 1       | 6             | 6            | 14             | 52             |
|   | Female-----  | 22,120       | 2            | -      | 1       | 1       | -       | 4             | 6            | 11             | 30             |
|   | Negro-----Male-----                                  | 4,452        | -            | 1      | -       | 1       | 1       | 3             | -            | 1              | 4              |
|   | Female-----  | 4,189        | -            | 1      | 1       | -       | -       | 2             | 2            | 1              | 7              |
|   | Other-----Male-----                                  | 82           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 36           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 131b  | Other chronic nephritis-----                         | 16,259       | 2            | 16     | 30      | 48      | 24      | 120           | 93           | 115            | 201            |
|   | White-----Male-----                                  | 7,562        | 1            | 8      | 20      | 21      | 13      | 63            | 45           | 48             | 101            |
|   | Female-----  | 5,871        | -            | 6      | 10      | 26      | 9       | 51            | 35           | 53             | 70             |
|   | Negro-----Male-----                                  | 1,483        | 1            | 2      | -       | 1       | 1       | 5             | 7            | 4              | 14             |
|   | Female-----  | 1,286        | -            | -      | -       | -       | 1       | 1             | 6            | 8              | 16             |
|   | Other-----Male-----                                  | 30           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Female-----  | 17           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
| 132   | Nephritis unspecified (10 years and over)-----       | 3,575        | -            | -      | -       | -       | -       | -             | -            | 22             | 24             |
|   | White-----Male-----                                  | 1,581        | -            | -      | -       | -       | -       | -             | -            | 8              | 12             |
|   | Female-----  | 1,204        | -            | -      | -       | -       | -       | -             | -            | 7              | 7              |
|   | Negro-----Male-----                                  | 441          | -            | -      | -       | -       | -       | -             | -            | 1              | 2              |
|   | Female-----  | 339          | -            | -      | -       | -       | -       | -             | -            | 5              | 3              |
|   | Other-----Male-----                                  | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 133   | Other diseases of kidneys, ureters, etc.*-----       | 3,187        | 107          | 20     | 19      | 13      | 7       | 166           | 36           | 28             | 28             |
|   | White-----Male-----                                  | 1,443        | 59           | 13     | 10      | 7       | 2       | 91            | 18           | 13             | 9              |
|   | Female-----  | 1,291        | 28           | 6      | 7       | 6       | 3       | 50            | 12           | 15             | 15             |
|   | Negro-----Male-----                                  | 257          | 13           | 1      | 1       | -       | 2       | 17            | 4            | 2              | 1              |
|   | Female-----  | 182          | 7            | -      | 1       | -       | -       | 8             | 1            | 1              | 3              |
|   | Other-----Male-----                                  | 8            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 134   | Calculi of urinary passages-----                     | 1,342        | 1            | -      | -       | -       | -       | 1             | 3            | 3              | 3              |
|   | White-----Male-----                                  | 793          | 1            | -      | -       | -       | -       | 1             | 2            | 1              | 2              |
|   | Female-----  | 450          | -            | -      | -       | -       | -       | -             | 1            | 1              | 1              |
|   | Negro-----Male-----                                  | 57           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Female-----  | 37           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male-----                                  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 135   | Diseases of urinary bladder-----                     | 551          | 5            | 1      | -       | -       | -       | 6             | 1            | 1              | -              |
|   | White-----Male-----                                  | 257          | 2            | 1      | -       | -       | -       | 3             | 1            | -              | -              |
|   | Female-----  | 197          | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
|   | Negro-----Male-----                                  | 75           | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female-----  | 20           | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Other-----Male-----                                  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 136   | Diseases of urethra (except calculus)-----           | 274          | 2            | -      | -       | -       | 2       | 4             | -            | 1              | -              |
|   | White-----Male-----                                  | 167          | 1            | -      | -       | -       | -       | 1             | -            | 1              | -              |
|   | Female-----  | 20           | -            | -      | -       | -       | 1       | -             | -            | -              | -              |
|   | Negro-----Male-----                                  | 78           | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male-----                                  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 1            | -            | -      | -       | -       | 1       | 1             | -            | -              | -              |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

deaths among armed forces overseas).

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 12             | 26             | 40             | 79             | 146            | 185            | 358            | 474            | 543            | 558            | 532            | 429            | 244            | 122            | 23             | 4              | -            | -          | 126           |
| 3              | 2              | 9              | 15             | 39             | 64             | 113            | 167            | 182            | 182            | 188            | 153            | 67             | 39             | 5              | 1              | -            | -          |               |
| 7              | 25             | 30             | 58             | 95             | 111            | 231            | 293            | 343            | 365            | 357            | 270            | 174            | 82             | 17             | 3              | -            | -          |               |
| -              | -              | 1              | 2              | 1              | 4              | 4              | 4              | 4              | 3              | 2              | -              | 2              | 1              | -              | -              | -            | -          |               |
| 2              | 1              | -              | 3              | 8              | 8              | 5              | 9              | 9              | 6              | 2              | 2              | -              | -              | 1              | -              | -            | -          |               |
| -              | -              | -              | -              | 2              | 2              | 1              | 2              | 3              | 1              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| 7              | -              | 1              | 2              | 1              | 1              | 1              | 1              | 2              | 1              | 1              | 1              | 1              | -              | -              | -              | -            | -          |               |
| 7              | 18             | 31             | 50             | 112            | 119            | 204            | 262            | 289            | 311            | 357            | 317            | 225            | 123            | 32             | 11             | 1            | 1          | 127           |
| 3              | 4              | 8              | 16             | 35             | 46             | 75             | 81             | 115            | 121            | 127            | 126            | 83             | 48             | 6              | 2              | -            | -          |               |
| 2              | 9              | 12             | 27             | 65             | 54             | 108            | 165            | 161            | 174            | 198            | 186            | 138            | 72             | 26             | 9              | 1            | -          |               |
| 1              | 3              | 3              | 4              | 4              | 3              | 11             | 9              | 4              | 3              | 2              | 3              | 1              | 2              | -              | -              | -            | -          |               |
| 1              | 1              | 7              | 2              | 8              | 15             | 10             | 8              | 8              | 12             | 7              | 2              | 2              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | 1              | -              | -              | -              | -              | -              | -              | 1              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| 16             | 27             | 53             | 80             | 122            | 112            | 118            | 111            | 121            | 114            | 107            | 63             | 21             | 14             | 1              | -              | -            | -          | 128           |
| 7              | 13             | 38             | 48             | 89             | 64             | 63             | 70             | 54             | 56             | 53             | 21             | 9              | 5              | -              | -              | -            | -          |               |
| 6              | 12             | 16             | 16             | 29             | 35             | 47             | 33             | 60             | 53             | 52             | 40             | 12             | 9              | 1              | -              | -            | -          |               |
| 2              | 2              | 6              | 10             | 9              | 6              | 6              | 4              | 5              | 2              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | 2              | 6              | 14             | 7              | 2              | 4              | 2              | 2              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 27             | 21             | 27             | 33             | 50             | 55             | 61             | 72             | 71             | 84             | 66             | 75             | 42             | 12             | 4              | 1              | -            | -          | 129           |
| 5              | 6              | 7              | 10             | 17             | 21             | 27             | 39             | 40             | 46             | 29             | 37             | 24             | 6              | 1              | -              | -            | -          |               |
| 10             | 6              | 7              | 10             | 20             | 18             | 17             | 25             | 24             | 26             | 34             | 32             | 18             | 6              | 3              | -              | -            | -          |               |
| -              | 1              | 5              | 3              | 3              | 4              | 9              | 5              | 4              | 5              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| 11             | 8              | 7              | 10             | 10             | 10             | 6              | 3              | 3              | 7              | 2              | 2              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | 1              | -              | -              | 2              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 722            | 951            | 1,158          | 1,921          | 2,633          | 3,570          | 5,156          | 6,478          | 8,177          | 10,588         | 12,716         | 13,907         | 11,106         | 6,902          | 2,353          | 490            | 104          | 66         |               |
| 302            | 367            | 398            | 591            | 908            | 1,275          | 2,072          | 2,943          | 3,904          | 5,271          | 6,518          | 7,375          | 5,756          | 3,569          | 1,142          | 179            | 14           | 22         |               |
| 293            | 317            | 412            | 652            | 841            | 1,169          | 1,517          | 1,921          | 2,601          | 3,517          | 4,593          | 5,345          | 4,546          | 2,935          | 1,040          | 225            | 50           | 16         |               |
| 43             | 89             | 128            | 264            | 369            | 533            | 650            | 881            | 978            | 1,017          | 975            | 724            | 479            | 240            | 81             | 37             | 21           | 16         |               |
| 96             | 169            | 224            | 408            | 501            | 582            | 697            | 705            | 670            | 764            | 602            | 438            | 311            | 147            | 86             | 45             | 58           | 12         |               |
| 3              | 6              | 5              | 3              | 11             | 7              | 16             | 20             | 14             | 14             | 23             | 16             | 11             | 10             | 3              | 2              | -            | -          |               |
| 5              | 3              | 1              | 3              | 3              | 4              | 4              | 8              | 10             | 5              | 5              | 9              | 3              | 1              | 1              | 2              | 1            | -          |               |
| 89             | 92             | 101            | 136            | 150            | 150            | 150            | 131            | 135            | 150            | 127            | 93             | 77             | 39             | 18             | 7              | 1            | -          | 130           |
| 46             | 36             | 39             | 56             | 51             | 61             | 64             | 50             | 58             | 61             | 47             | 35             | 37             | 14             | 8              | 2              | -            | -          |               |
| 23             | 19             | 30             | 46             | 32             | 39             | 29             | 26             | 44             | 50             | 47             | 38             | 30             | 21             | 9              | 4              | -            | -          |               |
| 11             | 16             | 16             | 20             | 20             | 20             | 34             | 34             | 17             | 24             | 20             | 10             | 4              | 4              | -              | -              | 1            | -          |               |
| 9              | 19             | 17             | 14             | 27             | 30             | 23             | 20             | 16             | 14             | 12             | 9              | 6              | 2              | 1              | -              | -            | -          |               |
| -              | 2              | -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | 1              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 443            | 607            | 760            | 1,340          | 1,938          | 2,743          | 4,129          | 5,259          | 6,682          | 8,589          | 10,197         | 11,172         | 9,079          | 5,850          | 1,911          | 387            | 88           | 55         | 131           |
| 210            | 262            | 276            | 425            | 694            | 999            | 1,663          | 2,371          | 3,056          | 3,975          | 4,723          | 5,300          | 4,226          | 2,585          | 824            | 120            | 12           | 18         |               |
| 167            | 195            | 254            | 419            | 691            | 848            | 1,196          | 1,571          | 2,211          | 3,109          | 4,175          | 4,695          | 4,190          | 2,728          | 944            | 199            | 26           | 13         |               |
| 24             | 58             | 89             | 200            | 281            | 424            | 663            | 690            | 766            | 775            | 727            | 556            | 361            | 188            | 63             | 24             | 14           | 14         |               |
| 36             | 87             | 136            | 281            | 360            | 463            | 592            | 616            | 610            | 694            | 552            | 404            | 291            | 135            | 79             | 41             | 35           | 10         |               |
| 3              | 4              | 4              | 2              | 9              | 6              | 12             | 16             | 11             | 11             | 16             | 12             | 9              | 5              | 1              | -              | -            | -          |               |
| 3              | 1              | 1              | 3              | 3              | 3              | 3              | 5              | 8              | 5              | 5              | 5              | 2              | 1              | 1              | 2              | 1            | -          |               |
| 157            | 255            | 398            | 873            | 1,368          | 2,071          | 3,157          | 4,109          | 5,187          | 6,731          | 8,165          | 9,068          | 7,295          | 4,521          | 1,507          | 304            | 61           | 40         | 131a          |
| 69             | 100            | 113            | 241            | 455            | 738            | 1,259          | 1,847          | 2,379          | 3,129          | 3,731          | 4,242          | 3,350          | 2,050          | 630            | 86             | 8            | 14         |               |
| 58             | 68             | 125            | 267            | 413            | 621            | 915            | 1,221          | 1,729          | 2,474          | 3,450          | 4,061          | 3,443          | 2,232          | 771            | 168            | 21           | 12         |               |
| 10             | 30             | 63             | 147            | 215            | 341            | 512            | 544            | 673            | 880            | 836            | 430            | 265            | 141            | 44             | 18             | 7            | 8          |               |
| 18             | 58             | 94             | 214            | 277            | 364            | 461            | 485            | 490            | 533            | 442            | 302            | 228            | 93             | 61             | 29             | 24           | 6          |               |
| 1              | 1              | 3              | 2              | 5              | 6              | 10             | 11             | 9              | 10             | 12             | 9              | 8              | 4              | 1              | -              | -            | -          |               |
| 1              | -              | -              | 2              | 3              | 1              | 1              | 1              | 7              | 5              | 4              | 4              | 1              | 1              | 1              | 2              | 1            | -          |               |
| 286            | 352            | 362            | 467            | 570            | 672            | 972            | 1,150          | 1,475          | 1,838          | 2,032          | 2,114          | 1,784          | 1,129          | 404            | 83             | 27           | 13         | 131b          |
| 141            | 162            | 163            | 184            | 239            | 261            | 405            | 524            | 677            | 846            | 992            | 1,068          | 876            | 543            | 194            | 34             | 4            | 2          |               |
| 109            | 127            | 129            | 152            | 178            | 227            | 281            | 350            | 482            | 635            | 725            | 614            | 747            | 496            | 173            | 31             | 5            | 1          |               |
| 14             | 28             | 26             | 53             | 66             | 83             | 151            | 136            | 193            | 195            | 201            | 136            | 96             | 47             | 19             | 6              | 7            | 6          |               |
| 18             | 31             | 42             | 77             | 83             | 99             | 131            | 131            | 120            | 161            | 110            | 102            | 63             | 42             | 18             | 12             | 11           | 4          |               |
| 2              | 3              | 1              | 1              | 4              | -              | 2              | 2              | 1              | 1              | 4              | 1              | 1              | 1              | -              | -              | -            | -          |               |
| 2              | 1              | 1              | 1              | 1              | 2              | 2              | 4              | 1              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 47             | 57             | 77             | 120            | 162            | 203            | 262            | 275            | 249            | 358            | 409            | 438            | 415            | 276            | 135            | 35             | 8            | 3          | 132           |
| 15             | 22             | 24             | 40             | 53             | 75             | 101            | 95             | 105            | 171            | 185            | 219            | 213            | 162            | 66             | 13             | 1            | -          |               |
| 19             | 14             | 26             | 39             | 57             | 59             | 81             | 102            | 78             | 95             | 151            | 169            | 157            | 91             | 56             | 13             | 3            | 2          |               |
| 6              | 7              | 7              | 19             | 32             | 35             | 40             | 43             | 45             | 62             | 50             | 32             | 33             | 12             | 7              | 6              | 2            | -          |               |
| 7              | 13             | 20             | 22             | 40             | 37             | 39             | 33             | 21             | 30             | 22             | 17             | 11             | 11             | 3              | 3              | 2            | 1          |               |
| -              | -              | -              | -              | -              | -              | 2              | 1              | -              | -              | 1              | 1              | 1              | 1              | 1              | 1              | -            | -          |               |
| -              | 1              | -              | -              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 55             | 72             | 96             | 127            | 161            | 197            | 234            | 289            | 304            | 299            | 308            | 327            | 231            | 141            | 55             | 8              | 1            | 3          | 133           |
| 19             | 21             | 34             | 49             | 66             | 82             | 91             | 143            | 129            | 162            | 166            | 164            | 115            | 67             | 30             | 3              | -            | -          |               |
| 30             | 36             | 41             | 43             | 70             | 95             | 98             | 100            | 127            | 112            | 112            | 147            | 106            | 66             | 23             | 4              | 1            | -          |               |
| -              | 5              | 12             | 18             | 21             | 20             | 31             | 28             | 32             | 21             | 20             | 10             | 7              | 7              | 1              | -              | -            | -          |               |
| 5              | 10             | 8              | 17             | 22             | 19             | 21             | 17             | 14             | 14             | 10             | 5              | 2              | 1              | 2              | 1              | 1            | -          |               |
| -              | -              | 1              | 1              | 2              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 11             | 31             | 24             | 37             | 66             | 86             | 131            | 144            | 158            | 172            | 185            | 150            | 88             | 39             | 8              | 2              | -            | -          | 134           |
| 6              | 20             | 12             | 15             | 25             | 32             | 47             | 78             | 82             | 103            | 129            | 98             | 59             | 25             | 5              | 1              | -            | -          |               |
| 4              | 7              | 11             | 18             | 24             | 27             | 48             | 47             | 65             | 59             | 48             | 46             | 26             | 13             | 3              | 1              | -            | -          |               |
| -              | 3              | 1              | 1              | 2              | 5              | 12             | 9              | 5              | 4              | 7              | 5              | 3              | -              | -              | -              | -            | -          |               |
| 1              | 1              | 1              | 3              | 5              | 2              | 4              | 8              | 4              | 6              | 1              | 1              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | 1              | 1              | 1              | -              | -              | -              | -              | -              | 1              | -              | -            | -          |               |
| 6              | 5              | 5              | 11             | 17             | 24             | 35             | 46             | 54             | 73             | 80             | 66             | 65             | 30             | 16             | 8              | 1            | -          | 135           |
| 5              | 2              | 2              | 5              | 4              | 11             | 15             | 23             | 30             | 30             | 48             | 34             | 28             | 19             | 12             | 3              | -            | -          |               |
| 1              | 2              | 2              | 10             | 17             | 13             | 19             | 19             | 34             | 22             | 21             | 20             | 20             | 7              | 2              | 4              | 1            | -          |               |
| -              | 1              | 1              | 1              | 3              | 3              | 7              | 10             | 11             | 7              | 9              | 3              | 3              | 3              | 2              | 1              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | 4              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | 4              | 3              | 10             | 20             | 22             | 34             | 34             | 35             | 41             | 37             | 18             | 5              | 2              | 3              | -            | -          | 136           |
| -              | 1              | 1              | 1              | 5              | 11             | 13             | 14             | 20             | 21             | 29             | 29             | 13             | 3              | 1              | 3              | -            | -          |               |

## VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                                    | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | X.—Diseases of the genito-urinary system—Continued               |              |              |        |         |         |         |               |              |                |                |
| 137           | Diseases of prostate   | 6,790        | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | White—Male   | 6,090        | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro—Male   | 662          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | 18           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 137a          | Hypertrophy of prostate  | 5,800        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White—Male   | 5,224        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Male   | 569          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | 15           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 137b          | Other diseases of prostate                                       | 982          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | White—Male   | 866          | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro—Male   | 113          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Male   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 138           | Diseases of other male genital organs (not venereal)             | 54           | 5            | -      | -       | -       | -       | 5             | -            | -              | 1              |
|               | White—Male   | 25           | 4            | -      | -       | -       | -       | 4             | -            | -              | -              |
|               | Negro—Male   | 9            | 1            | -      | -       | -       | -       | 1             | -            | -              | 1              |
|               | Other—Male   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 139           | Diseases of female genital organs                                | 994          | -            | -      | -       | -       | -       | -             | -            | 4              | 24             |
|               | White—Female   | 706          | -            | -      | -       | -       | -       | -             | -            | 4              | 12             |
|               | Negro—Female   | 284          | -            | -      | -       | -       | -       | -             | -            | -              | 12             |
|               | Other—Female   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 139a          | Diseases of ovaries, fallopian tubes, parametria                 | 590          | -            | -      | -       | -       | -       | -             | -            | -              | 16             |
|               | White—Female   | 353          | -            | -      | -       | -       | -       | -             | -            | -              | 9              |
|               | Negro—Female   | 223          | -            | -      | -       | -       | -       | -             | -            | -              | 9              |
|               | Other—Female   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 139b          | Diseases of uterus   | 392          | -            | -      | -       | -       | -       | -             | -            | 4              | 6              |
|               | White—Female   | 339          | -            | -      | -       | -       | -       | -             | -            | 4              | 3              |
|               | Negro—Female   | 53           | -            | -      | -       | -       | -       | -             | -            | -              | 3              |
|               | Other—Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 139c          | Diseases of other female genital organs*                         | 22           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | White—Female   | 14           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Negro—Female   | 8            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | XI.—Diseases of pregnancy, childbirth, and the puerperium        | 4,122        | -            | -      | -       | -       | -       | -             | -            | 18             | 435            |
|               | White—Female   | 2,753        | -            | -      | -       | -       | -       | -             | -            | 4              | 218            |
|               | Negro—Female   | 1,319        | -            | -      | -       | -       | -       | -             | -            | 14             | 211            |
|               | Other—Female   | 51           | -            | -      | -       | -       | -       | -             | -            | -              | 6              |
| 140           | Abortion with mention of infection                               | 289          | -            | -      | -       | -       | -       | -             | -            | 1              | 34             |
|               | White—Female   | 174          | -            | -      | -       | -       | -       | -             | -            | -              | 16             |
|               | Negro—Female   | 112          | -            | -      | -       | -       | -       | -             | -            | 1              | 17             |
|               | Other—Female   | 3            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 141           | Abortion without mention of infection                            | 207          | -            | -      | -       | -       | -       | -             | -            | 1              | 10             |
|               | White—Female   | 147          | -            | -      | -       | -       | -       | -             | -            | -              | 7              |
|               | Negro—Female   | 56           | -            | -      | -       | -       | -       | -             | -            | 1              | 3              |
|               | Other—Female   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 141a,c        | Abortion (nonseptic), spontaneous, therapeutic, with toxemia*    | 62           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | White—Female   | 49           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro—Female   | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other—Female   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 141b          | Abortion (nonseptic), spontaneous, therapeutic, without toxemia* | 70           | -            | -      | -       | -       | -       | -             | -            | 1              | 5              |
|               | White—Female   | 47           | -            | -      | -       | -       | -       | -             | -            | -              | 4              |
|               | Negro—Female   | 22           | -            | -      | -       | -       | -       | -             | -            | 1              | 1              |
|               | Other—Female   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 141d-f        | Other abortions (nonseptic)*                                     | 75           | -            | -      | -       | -       | -       | -             | -            | -              | 4              |
|               | White—Female   | 51           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Negro—Female   | 22           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | Other—Female   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 142           | Ectopic gestation  | 243          | -            | -      | -       | -       | -       | -             | -            | 1              | 15             |
|               | White—Female   | 136          | -            | -      | -       | -       | -       | -             | -            | -              | 7              |
|               | Negro—Female   | 105          | -            | -      | -       | -       | -       | -             | -            | 1              | 8              |
|               | Other—Female   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 142a          | Ectopic gestation, with mention of infection                     | 43           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | White—Female   | 27           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro—Female   | 16           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other—Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 142b          | Ectopic gestation, without mention of infection                  | 200          | -            | -      | -       | -       | -       | -             | -            | 1              | 13             |
|               | White—Female   | 109          | -            | -      | -       | -       | -       | -             | -            | -              | 6              |
|               | Negro—Female   | 89           | -            | -      | -       | -       | -       | -             | -            | 1              | 7              |
|               | Other—Female   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 143           | Hemorrhage of pregnancy (death before delivery)                  | 55           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|               | White—Female   | 38           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro—Female   | 17           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Other—Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 144           | Toxemias of pregnancy (death before delivery)                    | 458          | -            | -      | -       | -       | -       | -             | -            | 5              | 75             |
|               | White—Female   | 265          | -            | -      | -       | -       | -       | -             | -            | 1              | 26             |
|               | Negro—Female   | 186          | -            | -      | -       | -       | -       | -             | -            | 4              | 49             |
|               | Other—Female   | 7            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 145           | Other diseases of pregnancy (death before delivery)*             | 258          | -            | -      | -       | -       | -       | -             | -            | 2              | 21             |
|               | White—Female   | 191          | -            | -      | -       | -       | -       | -             | -            | -              | 11             |
|               | Negro—Female   | 66           | -            | -      | -       | -       | -       | -             | -            | 2              | 10             |
|               | Other—Female   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 145A          | With mention of infection  | 171          | -            | -      | -       | -       | -       | -             | -            | -              | 9              |
|               | White—Female   | 129          | -            | -      | -       | -       | -       | -             | -            | -              | 3              |
|               | Negro—Female   | 41           | -            | -      | -       | -       | -       | -             | -            | -              | 6              |
|               | Other—Female   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 145B          | Without mention of infection                                     | 87           | -            | -      | -       | -       | -       | -             | -            | 2              | 12             |
|               | White—Female   | 62           | -            | -      | -       | -       | -       | -             | -            | -              | 8              |
|               | Negro—Female   | 25           | -            | -      | -       | -       | -       | -             | -            | 2              | 4              |
|               | Other—Female   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 146           | Hemorrhage of childbirth and puerperium                          | 718          | -            | -      | -       | -       | -       | -             | -            | 1              | 39             |
|               | White—Female   | 508          | -            | -      | -       | -       | -       | -             | -            | -              | 29             |
|               | Negro—Female   | 198          | -            | -      | -       | -       | -       | -             | -            | 1              | 10             |
|               | Other—Female   | 12           | -            | -      | -       | -       | -       | -             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                                       | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
|               | XI.—Diseases of pregnancy, childbirth, and the puerperium—Continued |              |              |        |         |         |         |               |              |                |                |
| 147           | Infection during childbirth and puerperium-----                     | 706          | -            | -      | -       | -       | -       | -             | -            | 2              | 88             |
|               | White-----Female-----   | 505          | -            | -      | -       | -       | -       | -             | -            | 1              | 36             |
|               | Negro-----Female-----   | 194          | -            | -      | -       | -       | -       | -             | -            | 1              | 31             |
|               | Other-----Female-----   | 7            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 148           | Puerperal toxæmia (excluding death before delivery)-----            | 644          | -            | -      | -       | -       | -       | -             | -            | 3              | 128            |
|               | White-----Female-----   | 417          | -            | -      | -       | -       | -       | -             | -            | 2              | 60             |
|               | Negro-----Female-----   | 222          | -            | -      | -       | -       | -       | -             | -            | 1              | 66             |
|               | Other-----Female-----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
| 149           | Other accidents and specified conditions of childbirth-----         | 302          | -            | -      | -       | -       | -       | -             | -            | -              | 23             |
|               | White-----Female-----   | 218          | -            | -      | -       | -       | -       | -             | -            | -              | 14             |
|               | Negro-----Female-----   | 79           | -            | -      | -       | -       | -       | -             | -            | -              | 8              |
|               | Other-----Female-----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 150           | Other and unspecified conditions of childbirth and puerperium-----  | 242          | -            | -      | -       | -       | -       | -             | -            | 2              | 20             |
|               | White-----Female-----   | 154          | -            | -      | -       | -       | -       | -             | -            | -              | 11             |
|               | Negro-----Female-----   | 83           | -            | -      | -       | -       | -       | -             | -            | 2              | 8              |
|               | Other-----Female-----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | XII.—Diseases of the skin and cellular tissues-----                 | 941          | 147          | 10     | 3       | 7       | -       | 167           | 6            | 7              | 27             |
|               | White-----Male-----   | 355          | 77           | 9      | -       | 3       | -       | 89            | -            | 1              | 3              |
|               | White-----Female-----   | 401          | 40           | 1      | 1       | 1       | -       | 42            | 4            | 3              | 11             |
|               | Negro-----Male-----   | 66           | 17           | 1      | 1       | 2       | -       | 21            | 2            | -              | 2              |
|               | Negro-----Female-----   | 109          | 9            | -      | 1       | 1       | -       | 11            | 2            | 3              | 9              |
|               | Other-----Male-----   | 6            | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Other-----Female-----   | 4            | 1            | -      | -       | -       | -       | 1             | -            | -              | 2              |
| 151           | Carbuncle and furuncle-----   | 41           | 6            | 1      | -       | 1       | -       | 8             | -            | -              | -              |
|               | White-----Male-----   | 32           | 3            | 1      | -       | 1       | -       | 5             | -            | -              | -              |
|               | White-----Female-----   | 4            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|               | Negro-----Male-----   | 3            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
|               | Negro-----Female-----   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 152           | Phlegmon and acute abscess-----                                     | 137          | 18           | 1      | 1       | 1       | -       | 21            | 3            | 1              | 2              |
|               | White-----Male-----   | 61           | 10           | 1      | -       | -       | -       | 11            | -            | 1              | -              |
|               | White-----Female-----   | 45           | 6            | -      | -       | -       | -       | 6             | 1            | -              | -              |
|               | Negro-----Male-----   | 10           | 1            | -      | 1       | -       | -       | 2             | 1            | -              | 1              |
|               | Negro-----Female-----   | 20           | 1            | -      | -       | 1       | -       | 2             | 1            | -              | 1              |
|               | Other-----Male-----   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 153           | Other diseases of skin and cellular tissue-----                     | 765          | 123          | 8      | 2       | 5       | -       | 138           | 5            | 6              | 25             |
|               | White-----Male-----   | 262          | 64           | 7      | -       | 2       | -       | 73            | -            | -              | 3              |
|               | White-----Female-----   | 352          | 35           | -      | 1       | 1       | -       | 35            | 3            | 3              | 11             |
|               | Negro-----Male-----   | 55           | 14           | 1      | -       | 2       | -       | 17            | 1            | -              | 1              |
|               | Negro-----Female-----   | 87           | 8            | -      | 1       | -       | -       | 9             | 1            | 3              | 8              |
|               | Other-----Male-----   | 5            | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|               | Other-----Female-----   | 4            | 1            | -      | -       | -       | -       | 1             | -            | -              | 2              |
|               | XIII.—Diseases of the bones, etc.*-----                             | 759          | 17           | 8      | 2       | 4       | 2       | 33            | 6            | 19             | 30             |
|               | White-----Male-----   | 358          | 11           | 4      | -       | 2       | 1       | 16            | 1            | 11             | 17             |
|               | White-----Female-----   | 310          | 3            | 4      | 2       | 2       | 1       | 12            | 4            | 5              | 6              |
|               | Negro-----Male-----   | 51           | 2            | -      | -       | -       | -       | 2             | 1            | 2              | 4              |
|               | Negro-----Female-----   | 36           | 1            | -      | -       | -       | -       | 1             | 2            | 1              | 1              |
|               | Other-----Male-----   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 154           | Osteomyelitis and periostitis-----                                  | 170          | 7            | 1      | -       | -       | 1       | 9             | 1            | 2              | 3              |
|               | White-----Male-----   | 88           | 6            | 1      | -       | -       | 1       | 8             | -            | 1              | 1              |
|               | White-----Female-----   | 43           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|               | Negro-----Male-----   | 26           | 1            | -      | -       | -       | -       | 1             | 1            | 1              | 1              |
|               | Negro-----Female-----   | 9            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Male-----   | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 155           | Other diseases of bones (except tuberculosis)-----                  | 191          | 4            | 2      | -       | 1       | 1       | 8             | 1            | 2              | 1              |
|               | White-----Male-----   | 56           | -            | 1      | -       | -       | -       | 1             | -            | 2              | -              |
|               | White-----Female-----   | 123          | 2            | 1      | -       | 1       | 1       | 5             | -            | -              | -              |
|               | Negro-----Male-----   | 6            | 1            | -      | -       | -       | -       | 1             | -            | -              | 1              |
|               | Negro-----Female-----   | 6            | 1            | -      | -       | -       | -       | 1             | 1            | -              | -              |
|               | Other-----Male-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 156           | Diseases of joints, other organs of movement-----                   | 398          | 6            | 5      | 2       | 3       | -       | 16            | 6            | 15             | 26             |
|               | White-----Male-----   | 214          | 5            | 2      | -       | 2       | -       | 9             | 1            | 9              | 16             |
|               | White-----Female-----   | 144          | 1            | 3      | 2       | 1       | -       | 7             | 4            | 5              | 7              |
|               | Negro-----Male-----   | 19           | -            | -      | -       | -       | -       | -             | -            | 1              | 2              |
|               | Negro-----Female-----   | 21           | -            | -      | -       | -       | -       | -             | 1            | 1              | 1              |
|               | Other-----Male-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|               | Other-----Female-----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 157           | XIV.—Congenital malformations-----                                  | 19,246       | 15,778       | 882    | 315     | 172     | 121     | 17,268        | 380          | 219            | 209            |
|               | White-----Male-----   | 9,706        | 7,993        | 424    | 144     | 84      | 55      | 8,700         | 182          | 106            | 116            |
|               | White-----Female-----   | 7,856        | 6,424        | 386    | 140     | 68      | 53      | 7,071         | 154          | 85             | 76             |
|               | Negro-----Male-----   | 878          | 710          | 35     | 15      | 14      | 8       | 782           | 24           | 14             | 13             |
|               | Negro-----Female-----   | 702          | 560          | 33     | 16      | 6       | 5       | 620           | 19           | 13             | 3              |
|               | Other-----Male-----   | 65           | 52           | 4      | -       | -       | -       | 56            | 1            | 1              | 1              |
|               | Other-----Female-----   | 39           | 39           | -      | -       | -       | -       | 39            | -            | -              | -              |
| 157a-d        | Congenital malformations of central nervous system-----             | 5,860        | 4,512        | 384    | 147     | 71      | 57      | 5,171         | 140          | 62             | 58             |
|               | White-----Male-----   | 2,600        | 1,962        | 183    | 58      | 33      | 21      | 2,257         | 64           | 29             | 35             |
|               | White-----Female-----   | 2,854        | 2,281        | 173    | 73      | 28      | 27      | 2,582         | 55           | 25             | 17             |
|               | Negro-----Male-----   | 198          | 122          | 11     | 9       | 7       | 7       | 160           | 14           | 3              | 6              |
|               | Negro-----Female-----   | 182          | 122          | 13     | 7       | 3       | 2       | 147           | 7            | 5              | -              |
|               | Other-----Male-----   | 17           | 12           | 4      | -       | -       | -       | 16            | -            | -              | -              |
|               | Other-----Female-----   | 9            | 9            | -      | -       | -       | -       | 9             | -            | -              | -              |

\*Refer to International List for complete title, table IX.



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                                    | CAUSE OF DEATH, RACE, AND SEX                      | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|--|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| IV.—Congenital malformations—Continued           |  |              |              |        |         |         |         |               |              |                |                |
| 157e,f   | Congenital malformations of cardiovascular system— | 9,016        | 7,335        | 397    | 130     | 81      | 53      | 7,996         | 196          | 135            | 137            |
|  | White—Male—  | 4,772        | 3,927        | 183    | 68      | 39      | 27      | 4,244         | 98           | 67             | 75             |
|  | Female—  | 3,438        | 2,749        | 180    | 50      | 32      | 23      | 3,034         | 81           | 52             | 52             |
|  | Negro—Male—  | 412          | 336          | 19     | 4       | 7       | 1       | 367           | 8            | 9              | 6              |
|  | Female—  | 336          | 271          | 15     | 8       | 3       | 2       | 299           | 8            | 7              | 3              |
|  | Other—Male—  | 37           | 31           | -      | -       | -       | -       | 31            | 1            | -              | 1              |
| Female—  | 21   | 21           | -            | -      | -       | -       | 21      | -             | -            | -              |                |
| 157g,h,m   | Other congenital malformations—                    | 4,370        | 3,931        | 101    | 38      | 20      | 11      | 4,101         | 44           | 22             | 14             |
|  | White—Male—  | 2,334        | 2,104        | 58     | 18      | 12      | 7       | 2,189         | 20           | 10             | 6              |
|  | Female—  | 1,564        | 1,394        | 33     | 17      | 8       | 3       | 1,455         | 18           | 8              | 7              |
|  | Negro—Male—  | 268          | 248          | 5      | 2       | -       | -       | 255           | 2            | 2              | 1              |
|  | Female—  | 184          | 167          | 5      | 1       | -       | 1       | 174           | 4            | 1              | -              |
|  | Other—Male—  | 11           | 9            | -      | -       | -       | -       | 9             | -            | 1              | -              |
| Female—  | 9  | 9            | -            | -      | -       | -       | 9       | -             | -            | -              |                |
| XV.—Diseases peculiar to the first year of life— |  |              |              |        |         |         |         |               |              |                |                |
|  |  | 61,543       | 61,543       | ...    | ...     | ...     | ...     | 61,543        | ...          | ...            | ...            |
|  | White—Male—  | 30,563       | 30,563       | ...    | ...     | ...     | ...     | 30,563        | ...          | ...            | ...            |
|  | Female—  | 20,904       | 20,904       | ...    | ...     | ...     | ...     | 20,904        | ...          | ...            | ...            |
|  | Negro—Male—  | 5,456        | 5,456        | ...    | ...     | ...     | ...     | 5,456         | ...          | ...            | ...            |
|  | Female—  | 4,250        | 4,250        | ...    | ...     | ...     | ...     | 4,250         | ...          | ...            | ...            |
|  | Other—Male—  | 210          | 210          | ...    | ...     | ...     | ...     | 210           | ...          | ...            | ...            |
|  | Female—  | 160          | 160          | ...    | ...     | ...     | ...     | 160           | ...          | ...            | ...            |
| 158  | Congenital debility (cause not stated)—            | 1,613        | 1,613        | ...    | ...     | ...     | ...     | 1,613         | ...          | ...            | ...            |
|  | White—Male—  | 636          | 636          | ...    | ...     | ...     | ...     | 636           | ...          | ...            | ...            |
|  | Female—  | 471          | 471          | ...    | ...     | ...     | ...     | 471           | ...          | ...            | ...            |
|  | Negro—Male—  | 287          | 287          | ...    | ...     | ...     | ...     | 287           | ...          | ...            | ...            |
|  | Female—  | 185          | 185          | ...    | ...     | ...     | ...     | 185           | ...          | ...            | ...            |
|  | Other—Male—  | 22           | 22           | ...    | ...     | ...     | ...     | 22            | ...          | ...            | ...            |
|  | Female—  | 12           | 12           | ...    | ...     | ...     | ...     | 12            | ...          | ...            | ...            |
| 159  | Premature birth (cause not stated)—                | 39,085       | 39,085       | ...    | ...     | ...     | ...     | 39,085        | ...          | ...            | ...            |
|  | White—Male—  | 18,970       | 18,970       | ...    | ...     | ...     | ...     | 18,970        | ...          | ...            | ...            |
|  | Female—  | 13,497       | 13,497       | ...    | ...     | ...     | ...     | 13,497        | ...          | ...            | ...            |
|  | Negro—Male—  | 3,521        | 3,521        | ...    | ...     | ...     | ...     | 3,521         | ...          | ...            | ...            |
|  | Female—  | 2,905        | 2,905        | ...    | ...     | ...     | ...     | 2,905         | ...          | ...            | ...            |
|  | Other—Male—  | 111          | 111          | ...    | ...     | ...     | ...     | 111           | ...          | ...            | ...            |
|  | Female—  | 81           | 81           | ...    | ...     | ...     | ...     | 81            | ...          | ...            | ...            |
| 180  | Injury at birth—                                   | 12,191       | 12,191       | ...    | ...     | ...     | ...     | 12,191        | ...          | ...            | ...            |
|  | White—Male—  | 6,563        | 6,563        | ...    | ...     | ...     | ...     | 6,563         | ...          | ...            | ...            |
|  | Female—  | 4,026        | 4,026        | ...    | ...     | ...     | ...     | 4,026         | ...          | ...            | ...            |
|  | Negro—Male—  | 908          | 908          | ...    | ...     | ...     | ...     | 908           | ...          | ...            | ...            |
|  | Female—  | 626          | 626          | ...    | ...     | ...     | ...     | 626           | ...          | ...            | ...            |
|  | Other—Male—  | 37           | 37           | ...    | ...     | ...     | ...     | 37            | ...          | ...            | ...            |
|  | Female—  | 31           | 31           | ...    | ...     | ...     | ...     | 31            | ...          | ...            | ...            |
| 181  | Other diseases peculiar to first year of life—     | 8,654        | 8,654        | ...    | ...     | ...     | ...     | 8,654         | ...          | ...            | ...            |
|  | White—Male—  | 4,394        | 4,394        | ...    | ...     | ...     | ...     | 4,394         | ...          | ...            | ...            |
|  | Female—  | 2,910        | 2,910        | ...    | ...     | ...     | ...     | 2,910         | ...          | ...            | ...            |
|  | Negro—Male—  | 740          | 740          | ...    | ...     | ...     | ...     | 740           | ...          | ...            | ...            |
|  | Female—  | 534          | 534          | ...    | ...     | ...     | ...     | 534           | ...          | ...            | ...            |
|  | Other—Male—  | 40           | 40           | ...    | ...     | ...     | ...     | 40            | ...          | ...            | ...            |
|  | Female—  | 36           | 36           | ...    | ...     | ...     | ...     | 36            | ...          | ...            | ...            |
| 182  | XVI.—Senility—                                     | 9,209        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | White—Male—  | 3,452        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female—  | 4,303        | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Negro—Male—  | 682          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female—  | 724          | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Other—Male—  | 35           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female—  | 35           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| XVII.—Violent or accidental deaths—              |  |              |              |        |         |         |         |               |              |                |                |
|  |  | 123,009      | 3,656        | 1,868  | 1,123   | 1,034   | 921     | 8,602         | 3,230        | 2,812          | 6,255          |
|  | White—Male—  | 74,075       | 1,572        | 930    | 551     | 510     | 485     | 4,048         | 1,866        | 1,786          | 4,067          |
|  | Female—  | 32,688       | 1,230        | 642    | 367     | 345     | 260     | 2,844         | 678          | 569            | 1,188          |
|  | Negro—Male—  | 11,675       | 448          | 152    | 94      | 80      | 83      | 857           | 269          | 311            | 762            |
|  | Female—  | 3,606        | 359          | 123    | 97      | 90      | 82      | 751           | 202          | 128            | 198            |
|  | Other—Male—  | 606          | 32           | 12     | 9       | 7       | 7       | 67            | 16           | 13             | 35             |
|  | Female—  | 159          | 15           | 9      | 5       | 2       | 4       | 35            | 4            | 6              | 5              |
| 165,164  | Suicide—   | 16,354       | -            | -      | -       | -       | -       | -             | 2            | 45             | 311            |
|  | White—Male—  | 11,989       | -            | -      | -       | -       | -       | -             | 2            | 39             | 181            |
|  | Female—  | 3,731        | -            | -      | -       | -       | -       | -             | -            | 5              | 108            |
|  | Negro—Male—  | 434          | -            | -      | -       | -       | -       | -             | -            | -              | 10             |
|  | Female—  | 104          | -            | -      | -       | -       | -       | -             | -            | 1              | 11             |
|  | Other—Male—  | 82           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|  | Female—  | 14           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 163  | Suicide by poisoning—                              | 3,630        | -            | -      | -       | -       | -       | -             | -            | 3              | 70             |
|  | White—Male—  | 2,186        | -            | -      | -       | -       | -       | -             | -            | -              | 25             |
|  | Female—  | 1,543        | -            | -      | -       | -       | -       | -             | -            | 2              | 57             |
|  | Negro—Male—  | 56           | -            | -      | -       | -       | -       | -             | -            | -              | 2              |
|  | Female—  | 31           | -            | -      | -       | -       | -       | -             | -            | 1              | 6              |
|  | Other—Male—  | 9            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|  | Female—  | 3            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 164  | Suicide by other means—                            | 12,524       | -            | -      | -       | -       | -       | -             | 2            | 42             | 241            |
|  | White—Male—  | 9,803        | -            | -      | -       | -       | -       | -             | 2            | 39             | 156            |
|  | Female—  | 2,186        | -            | -      | -       | -       | -       | -             | -            | 3              | 71             |
|  | Negro—Male—  | 378          | -            | -      | -       | -       | -       | -             | -            | -              | 8              |
|  | Female—  | 73           | -            | -      | -       | -       | -       | -             | -            | -              | 5              |
|  | Other—Male—  | 73           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|  | Female—  | 11           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 165-168  | Homicide <sup>1</sup> —                            | 8,536        | 151          | 28     | 11      | 12      | 13      | 215           | 54           | 82             | 445            |
|  | White—Male—  | 2,908        | 57           | 13     | 3       | 5       | 9       | 67            | 24           | 24             | 107            |
|  | Female—  | 972          | 67           | 8      | 5       | 3       | 3       | 86            | 20           | 24             | 50             |
|  | Negro—Male—  | 3,686        | 15           | 4      | 2       | 1       | 1       | 23            | 7            | 18             | 222            |
|  | Female—  | 898          | 11           | 3      | 1       | 3       | -       | 18            | 3            | 15             | 64             |
|  | Other—Male—  | 57           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|  | Female—  | 15           | 1            | -      | -       | -       | -       | 1             | -            | 1              | 1              |

<sup>1</sup>Includes figures for infanticide (165).



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                           | CAUSE OF DEATH, RACE, AND SEX  | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|--|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| XVII.—Violent or accidental deaths—Con. |  |              |              |        |         |         |         |               |              |                |                |
| Homicide <sup>1</sup> —Continued        |  |              |              |        |         |         |         |               |              |                |                |
| 166                                     | Homicide by firearms-----  | 4,894        | 8            | 7      | 4       | 3       | 7       | 29            | 27           | 40             | 270            |
|   | White-----Male----   | 1,776        | 5            | 5      | 2       | 2       | 6       | 16            | 12           | 15             | 75             |
|   | Female-----  | 535          | 5            | 1      | 1       | -       | 1       | 8             | 9            | 9              | 56             |
|   | Negro-----Male----   | 2,135        | -            | 2      | 1       | -       | -       | 5             | 5            | 10             | 132            |
|   | Female-----  | 422          | -            | 1      | -       | 1       | -       | 2             | 1            | 8              | 27             |
|   | Other-----Male----   | 25           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 167                                     | Homicide by cutting or piercing instruments-----                           | 2,074        | 4            | 3      | -       | 2       | 1       | 10            | 2            | 17             | 156            |
|   | White-----Male----   | 582          | 1            | 2      | -       | 1       | -       | 4             | -            | 1              | 17             |
|   | Female-----  | 108          | 3            | 1      | -       | -       | -       | 4             | 2            | 5              | 6              |
|   | Negro-----Male----   | 1,245        | -            | -      | -       | 1       | 1       | 2             | -            | 6              | 78             |
|   | Female-----  | 324          | -            | -      | -       | -       | -       | -             | -            | 5              | 33             |
|   | Other-----Male----   | 15           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female-----  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
| 168                                     | Homicide by other means-----   | 1,566        | 139          | 18     | 7       | 7       | 5       | 176           | 25           | 25             | 39             |
|   | White-----Male----   | 748          | 53           | 8      | 1       | 2       | 3       | 67            | 12           | 10             | 15             |
|   | Female-----  | 331          | 59           | 6      | 4       | 3       | 2       | 74            | 9            | 10             | 8              |
|   | Negro-----Male----   | 508          | 15           | 2      | 1       | -       | -       | 18            | 2            | 2              | 12             |
|   | Female-----  | 152          | 11           | 2      | 1       | 2       | -       | 16            | 2            | 2              | 4              |
|   | Other-----Male----   | 21           | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | 8            | 1            | -      | -       | -       | -       | 1             | -            | 1              | -              |
| 169-195                                 | Accidental deaths-----   | 99,001       | 3,505        | 1,840  | 1,112   | 1,022   | 908     | 8,587         | 3,174        | 2,685          | 5,489          |
|   | White-----Male----   | 59,143       | 1,515        | 917    | 548     | 505     | 476     | 3,961         | 1,840        | 1,723          | 3,778          |
|   | Female-----  | 27,965       | 1,163        | 634    | 362     | 342     | 257     | 2,759         | 853          | 559            | 1,050          |
|   | Negro-----Male----   | 7,474        | 433          | 148    | 92      | 79      | 82      | 694           | 262          | 238            | 521            |
|   | Female-----  | 2,804        | 348          | 120    | 96      | 87      | 82      | 733           | 199          | 112            | 123            |
|   | Other-----Male----   | 465          | 32           | 12     | 9       | 7       | 7       | 67            | 16           | 15             | 53             |
|   | Female-----  | 130          | 14           | 9      | 5       | 2       | 4       | 34            | 4            | 5              | 4              |
| 169                                     | Railway accidents (except collisions with motor vehicles)-----             | 2,502        | 3            | 20     | 12      | 2       | 5       | 42            | 32           | 37             | 75             |
|   | White-----Male----   | 1,904        | 1            | 13     | 9       | 2       | 3       | 28            | 20           | 25             | 44             |
|   | Female-----  | 199          | 1            | 6      | 2       | -       | 2       | 11            | 9            | 8              | 14             |
|   | Negro-----Male----   | 326          | -            | -      | -       | -       | -       | -             | 1            | 2              | 11             |
|   | Female-----  | 42           | 1            | -      | 1       | -       | -       | 2             | 2            | 2              | 5              |
|   | Other-----Male----   | 29           | -            | 1      | -       | -       | -       | 1             | -            | -              | 1              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 170                                     | Motor-vehicle accidents-----   | 32,259       | 187          | 400    | 315     | 355     | 378     | 1,635         | 1,369        | 948            | 3,049          |
|   | White-----Male----   | 22,343       | 80           | 207    | 160     | 200     | 211     | 858           | 635          | 613            | 2,153          |
|   | Female-----  | 6,731        | 89           | 169    | 118     | 116     | 116     | 609           | 402          | 241            | 681            |
|   | Negro-----Male----   | 2,356        | 13           | 8      | 19      | 21      | 32      | 93            | 98           | 58             | 157            |
|   | Female-----  | 608          | 3            | 11     | 16      | 14      | 15      | 59            | 46           | 29             | 47             |
|   | Other-----Male----   | 162          | 3            | 3      | 1       | 2       | 2       | 11            | 6            | 6              | 9              |
|   | Female-----  | 39           | -            | 2      | 1       | -       | 2       | 5             | 2            | 1              | 2              |
| 170a                                    | Collisions between automobiles and trains-----                             | 1,474        | 10           | 9      | 9       | 17      | 8       | 53            | 32           | 37             | 140            |
|   | White-----Male----   | 1,053        | 5            | 3      | 2       | 6       | 4       | 20            | 21           | 24             | 79             |
|   | Female-----  | 349          | 5            | 6      | 6       | 10      | 4       | 31            | 10           | 13             | 50             |
|   | Negro-----Male----   | 68           | -            | -      | -       | -       | -       | -             | 1            | -              | 2              |
|   | Female-----  | 18           | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
|   | Other-----Male----   | 5            | -            | -      | -       | 1       | -       | 1             | -            | -              | -              |
|   | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 170b                                    | Collisions between automobiles and streetcars-----                         | 83           | -            | 1      | -       | -       | -       | 1             | -            | -              | 10             |
|   | White-----Male----   | 47           | -            | -      | -       | -       | -       | -             | -            | -              | 5              |
|   | Female-----  | 18           | -            | 1      | -       | -       | -       | 1             | -            | -              | 4              |
|   | Negro-----Male----   | 16           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female-----  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male----   | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 170c                                    | Automobile accidents (except collisions with trains or streetcars)-----    | 29,915       | 177          | 369    | 306     | 337     | 368     | 1,577         | 1,350        | 901            | 2,717          |
|   | White-----Male----   | 20,578       | 75           | 203    | 159     | 194     | 205     | 835           | 809          | 582            | 1,916          |
|   | Female-----  | 6,280        | 85           | 162    | 112     | 107     | 112     | 576           | 390          | 225            | 699            |
|   | Negro-----Male----   | 2,246        | 13           | 8      | 19      | 21      | 32      | 93            | 97           | 59             | 146            |
|   | Female-----  | 587          | 3            | 11     | 15      | 14      | 15      | 58            | 46           | 29             | 45             |
|   | Other-----Male----   | 176          | 3            | 3      | 1       | 2       | 2       | 10            | 6            | 6              | 9              |
|   | Female-----  | 38           | -            | 2      | 1       | -       | 2       | 5             | 2            | 1              | 2              |
| 170d                                    | Motorcycle accidents (except collisions with automobiles)-----             | 787          | -            | 1      | -       | 1       | 2       | 4             | 7            | 10             | 182            |
|   | White-----Male----   | 685          | -            | 1      | -       | -       | 2       | 3             | 5            | 7              | 153            |
|   | Female-----  | 74           | -            | -      | -       | 1       | -       | 1             | 2            | 3              | 28             |
|   | Negro-----Male----   | 26           | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female-----  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male----   | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 171                                     | Streetcar and other road-transport accidents-----                          | 484          | -            | 2      | 1       | 3       | 2       | 8             | 28           | 31             | 18             |
|   | White-----Male----   | 319          | -            | 2      | -       | 3       | 1       | 6             | 17           | 22             | 9              |
|   | Female-----  | 94           | -            | -      | 1       | -       | 1       | 2             | 6            | 5              | 4              |
|   | Negro-----Male----   | 56           | -            | -      | -       | -       | -       | -             | 5            | 3              | 3              |
|   | Female-----  | 10           | -            | -      | -       | -       | -       | -             | -            | 1              | 2              |
|   | Other-----Male----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 171a                                    | Streetcar accidents (except collisions with trains or motor vehicles)----- | 325          | -            | -      | 1       | -       | -       | 1             | 7            | 4              | 4              |
|   | White-----Male----   | 215          | -            | -      | -       | -       | -       | -             | 6            | 3              | 1              |
|   | Female-----  | 69           | -            | -      | 1       | -       | -       | 1             | -            | 1              | 1              |
|   | Negro-----Male----   | 32           | -            | -      | -       | -       | -       | -             | 1            | -              | 2              |
|   | Female-----  | 6            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other-----Male----   | 5            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 171b                                    | Other and unspecified road-transport accidents-----                        | 159          | -            | 2      | -       | 3       | 2       | 7             | 21           | 27             | 14             |
|   | White-----Male----   | 104          | -            | 2      | -       | 3       | 1       | 6             | 11           | 19             | 8              |
|   | Female-----  | 25           | -            | -      | -       | -       | 1       | 1             | 6            | 4              | 3              |
|   | Negro-----Male----   | 24           | -            | -      | -       | -       | -       | -             | 4            | 3              | 1              |
|   | Female-----  | 4            | -            | -      | -       | -       | -       | -             | -            | 1              | 2              |
|   | Other-----Male----   | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female-----  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |

<sup>1</sup>Includes figures for infanticide (165).



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                           | CAUSE OF DEATH, RACE, AND SEX                   | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| XVII.—Violent or accidental deaths—Con. |   |              |              |        |         |         |         |               |              |                |                |
| Accidental deaths—Continued             |   |              |              |        |         |         |         |               |              |                |                |
| 172                                     | Water-transport accidents                       | 1,584        | 1            | 2      | 4       | 7       | 4       | 18            | 30           | 59             | 156            |
|   | White—Male                                      | 1,092        | —            | 2      | 2       | 3       | 3       | 10            | 22           | 30             | 111            |
|   | Female  | 100          | 1            | —      | 1       | 2       | 1       | 5             | 5            | 12             | 24             |
|   | Negro—Male                                      | 148          | —            | —      | 1       | —       | —       | 1             | 2            | 9              | 19             |
|   | Female  | 18           | —            | —      | —       | —       | —       | —             | 1            | 8              | 2              |
|   | Other—Male                                      | 6            | —            | —      | —       | 2       | —       | 2             | —            | —              | —              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 173                                     | Air-transport accidents                         | 1,912        | 5            | 5      | 2       | 2       | 4       | 18            | 8            | 11             | 142            |
|   | White—Male                                      | 1,719        | 2            | 2      | 1       | 1       | 2       | 8             | 4            | 7              | 112            |
|   | Female  | 172          | 3            | 2      | 1       | 1       | 1       | 8             | 4            | 4              | 29             |
|   | Negro—Male                                      | 17           | —            | 1      | —       | —       | —       | 2             | —            | —              | —              |
|   | Female  | 1            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Other—Male                                      | 3            | —            | —      | —       | —       | —       | —             | —            | —              | 1              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 174                                     | Accidents in mines and quarries                 | 1,548        | —            | 2      | —       | —       | 1       | 3             | 11           | 28             | 57             |
|   | White—Male                                      | 1,230        | —            | 1      | —       | —       | 1       | 2             | 9            | 23             | 52             |
|   | Female  | 10           | —            | 1      | —       | —       | —       | 1             | 1            | 2              | 2              |
|   | Negro—Male                                      | 106          | —            | —      | —       | —       | —       | —             | 1            | 3              | 3              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Other—Male                                      | 2            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 175                                     | Agricultural and forestry accidents             | 2,294        | —            | 27     | 15      | 20      | 22      | 84            | 77           | 93             | 139            |
|   | White—Male                                      | 1,948        | —            | 14     | 8       | 12      | 17      | 51            | 55           | 68             | 111            |
|   | Female  | 130          | —            | 10     | 4       | 7       | 5       | 24            | 17           | 15             | 6              |
|   | Negro—Male                                      | 181          | —            | 2      | 2       | 1       | 1       | 6             | 4            | 9              | 19             |
|   | Female  | 9            | —            | —      | 1       | —       | 1       | 2             | 1            | 1              | 1              |
|   | Other—Male                                      | 25           | —            | 1      | —       | —       | —       | 1             | —            | 2              | 3              |
|   | Female  | 1            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 175a-c                                  | Agricultural accidents                          | 1,866        | —            | 27     | 15      | 20      | 22      | 84            | 77           | 93             | 114            |
|   | White—Male                                      | 1,573        | —            | 14     | 8       | 12      | 17      | 51            | 55           | 68             | 92             |
|   | Female  | 127          | —            | 10     | 4       | 7       | 5       | 24            | 17           | 15             | 4              |
|   | Negro—Male                                      | 140          | —            | 2      | 2       | 1       | 1       | 6             | 4            | 9              | 14             |
|   | Female  | 7            | —            | —      | 1       | —       | 1       | 2             | 1            | 1              | 1              |
|   | Other—Male                                      | 18           | —            | 1      | —       | —       | —       | 1             | —            | 2              | 3              |
|   | Female  | 1            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 175d,e                                  | Forestry accidents                              | 428          | —            | —      | —       | —       | —       | —             | —            | —              | 24             |
|   | White—Male                                      | 375          | —            | —      | —       | —       | —       | —             | —            | —              | 19             |
|   | Female  | 3            | —            | —      | —       | —       | —       | —             | —            | —              | 1              |
|   | Negro—Male                                      | 41           | —            | —      | —       | —       | —       | —             | —            | —              | 4              |
|   | Female  | 2            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Other—Male                                      | 7            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 176                                     | Other accidents involving machinery             | 1,240        | —            | 8      | 4       | 9       | 7       | 26            | 8            | 18             | 71             |
|   | White—Male                                      | 1,054        | —            | 5      | 2       | 4       | 6       | 17            | 7            | 14             | 55             |
|   | Female  | 33           | —            | 1      | 2       | 5       | 1       | 9             | 1            | 2              | 2              |
|   | Negro—Male                                      | 148          | —            | —      | —       | —       | —       | —             | —            | 2              | 13             |
|   | Female  | 2            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Other—Male                                      | 3            | —            | —      | —       | —       | —       | —             | —            | —              | 1              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 177                                     | Food poisoning                                  | 277          | 35           | 17     | 7       | 10      | 7       | 76            | 15           | 6              | 5              |
|   | White—Male                                      | 107          | 11           | 9      | 2       | 4       | 4       | 30            | 4            | 3              | —              |
|   | Female  | 83           | 9            | 3      | 3       | 4       | 2       | 21            | 5            | 1              | 2              |
|   | Negro—Male                                      | 41           | 9            | 3      | 1       | 1       | —       | 14            | 2            | 2              | 1              |
|   | Female  | 44           | 6            | 2      | 1       | 1       | 1       | 11            | 4            | —              | 1              |
|   | Other—Male                                      | 2            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
|   | Female  | —            | —            | —      | —       | —       | —       | —             | —            | —              | —              |
| 178                                     | Accidental absorption of poisonous gas          | 2,002        | 57           | 15     | 12      | 14      | 4       | 82            | 18           | 22             | 66             |
|   | White—Male                                      | 1,225        | 13           | 8      | 7       | 9       | 3       | 40            | 10           | 11             | 30             |
|   | Female  | 826          | 14           | 6      | 2       | 3       | —       | 25            | 8            | 10             | 50             |
|   | Negro—Male                                      | 97           | 2            | 1      | 1       | —       | —       | 4             | —            | 1              | 3              |
|   | Female  | 40           | 7            | —      | 1       | 2       | —       | 10            | —            | —              | 1              |
|   | Other—Male                                      | 12           | —            | —      | 1       | —       | 1       | 2             | —            | —              | —              |
|   | Female  | 2            | 1            | —      | —       | —       | —       | 1             | —            | —              | —              |
| 179                                     | Acute accidental poisoning by solids or liquids | 1,458        | 55           | 243    | 65      | 52      | 10      | 405           | 25           | 4              | 29             |
|   | White—Male                                      | 709          | 20           | 114    | 34      | 16      | 8       | 189           | 9            | 4              | 8              |
|   | Female  | 491          | 21           | 61     | 17      | 5       | 2       | 106           | 6            | —              | 11             |
|   | Negro—Male                                      | 134          | 2            | 40     | 9       | 7       | 3       | 61            | 3            | —              | 6              |
|   | Female  | 89           | 9            | 27     | 4       | 4       | —       | 44            | 5            | —              | 4              |
|   | Other—Male                                      | 11           | 3            | —      | 1       | —       | —       | 4             | —            | —              | —              |
|   | Female  | 2            | —            | 1      | —       | —       | —       | 1             | —            | —              | —              |
| 180                                     | Conflagration                                   | 3,075        | 188          | 188    | 164     | 140     | 125     | 805           | 271          | 96             | 64             |
|   | White—Male                                      | 1,392        | 76           | 50     | 58      | 49      | 49      | 282           | 100          | 35             | 17             |
|   | Female  | 808          | 46           | 78     | 44      | 39      | 24      | 231           | 89           | 32             | 51             |
|   | Negro—Male                                      | 468          | 27           | 32     | 28      | 25      | 20      | 132           | 41           | 10             | 8              |
|   | Female  | 388          | 39           | 26     | 34      | 25      | 31      | 155           | 41           | 19             | 8              |
|   | Other—Male                                      | 14           | —            | 1      | —       | 2       | 1       | 4             | —            | —              | —              |
|   | Female  | 7            | —            | —      | —       | —       | —       | 1             | —            | —              | —              |
| 181                                     | Accidental burns (except conflagration)         | 4,595        | 149          | 211    | 154     | 160     | 123     | 797           | 282          | 113            | 129            |
|   | White—Male                                      | 1,910        | 57           | 84     | 52      | 43      | 31      | 267           | 62           | 42             | 48             |
|   | Female  | 1,506        | 54           | 79     | 62      | 79      | 54      | 529           | 102          | 35             | 45             |
|   | Negro—Male                                      | 515          | 15           | 24     | 16      | 8       | 9       | 72            | 21           | 15             | 11             |
|   | Female  | 525          | 21           | 23     | 21      | 29      | 26      | 119           | 75           | 20             | 24             |
|   | Other—Male                                      | 19           | 2            | —      | 1       | —       | 1       | 5             | 2            | 1              | 2              |
|   | Female  | 18           | —            | —      | 3       | —       | 2       | 6             | —            | —              | 1              |
| 182                                     | Accidental mechanical suffocation               | 1,863        | 1,569        | 35     | 7       | 9       | 9       | 1,628         | 19           | 18             | 18             |
|   | White—Male                                      | 897          | 689          | 20     | 2       | 8       | 7       | 785           | 14           | 13             | 12             |
|   | Female  | 550          | 506          | 10     | 2       | 1       | 2       | 521           | 4            | 2              | 4              |
|   | Negro—Male                                      | 237          | 206          | 1      | 1       | —       | —       | 208           | —            | —              | —              |
|   | Female  | 153          | 149          | 3      | —       | —       | —       | 152           | 1            | —              | —              |
|   | Other—Male                                      | 20           | 13           | —      | 2       | —       | —       | 15            | —            | 1              | 1              |
|   | Female  | 6            | 5            | 1      | —       | —       | —       | 6             | —            | —              | —              |
| 183                                     | Accidental drowning                             | 5,299        | 32           | 270    | 164     | 116     | 100     | 982           | 486          | 590            | 640            |
|   | White—Male                                      | 3,706        | 14           | 175    | 105     | 75      | 73      | 442           | 356          | 375            | 399            |
|   | Female  | 682          | 9            | 79     | 53      | 33      | 19      | 193           | 76           | 95             | 71             |
|   | Negro—Male                                      | 765          | 3            | 6      | 1       | 4       | 6       | 20            | 42           | 104            | 154            |
|   | Female  | 93           | 5            | 5      | 2       | 3       | 1       | 16            | 7            | 11             | 10             |
|   | Other—Male                                      | 43           | —            | 3      | 2       | —       | 1       | 6             | 5            | 1              | 6              |
|   | Female  | 10           | 1            | 2      | 1       | 1       | —       | 5             | —            | 4              | —              |



VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,

(Exclusive of stillbirths and of

| Int. List No.                           | CAUSE OF DEATH, RACE, AND SEX                                       | Total deaths | Under 1 year | 1 year | 2 years | 3 years | 4 years | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---|---|--------------|--------------|--------|---------|---------|---------|---------------|--------------|----------------|----------------|
| XVII.—Violent or accidental deaths—Con. |   |              |              |        |         |         |         |               |              |                |                |
| Accidental deaths—Continued             |   |              |              |        |         |         |         |               |              |                |                |
| 184                                     | Accidental injury by firearms                                       | 2,270        | 6            | 19     | 19      | 28      | 29      | 101           | 145          | 249            | 375            |
|   | White—Male  | 1,587        | 3            | 10     | 8       | 15      | 19      | 55            | 80           | 183            | 273            |
|   | Female  | 204          | -            | 5      | 1       | 5       | 4       | 15            | 27           | 29             | 23             |
|   | Negro—Male  | 388          | 3            | 3      | 6       | 4       | 5       | 21            | 16           | 30             | 62             |
|   | Female  | 76           | -            | 1      | 3       | 4       | 1       | 9             | 11           | 6              | 11             |
|   | Other—Male  | 13           | -            | -      | 1       | -       | -       | 1             | 1            | 1              | 6              |
|   | Female  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 185                                     | Accidental injury by cutting or piercing instruments                | 268          | 2            | 11     | 7       | 4       | 6       | 30            | 35           | 22             | 15             |
|   | White—Male  | 149          | 1            | 5      | 5       | 2       | 1       | 14            | 20           | 9              | 10             |
|   | Female  | 41           | -            | 4      | 2       | 1       | 3       | 10            | 9            | 7              | 1              |
|   | Negro—Male  | 48           | -            | -      | -       | -       | 1       | 1             | 3            | 2              | 3              |
|   | Female  | 27           | 1            | 1      | -       | -       | 1       | 4             | 3            | 4              | 1              |
|   | Other—Male  | 2            | -            | 1      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 186                                     | Accidental injury by fall or crushing                               | 24,687       | 140          | 94     | 51      | 39      | 26      | 350           | 139          | 99             | 161            |
|   | White—Male  | 10,654       | 53           | 54     | 32      | 18      | 14      | 171           | 69           | 66             | 135            |
|   | Female  | 12,982       | 47           | 24     | 14      | 17      | 7       | 109           | 32           | 14             | 23             |
|   | Negro—Male  | 613          | 18           | 9      | 2       | 3       | 1       | 53            | 12           | 15             | 18             |
|   | Female  | 379          | 18           | 6      | 3       | 1       | 3       | 31            | 1            | 4              | 4              |
|   | Other—Male  | 33           | 1            | -      | -       | -       | 1       | 2             | 2            | -              | -              |
|   | Female  | 26           | 3            | 1      | -       | -       | -       | 4             | 2            | -              | 1              |
| 186a                                    | Accidental injury by fall   | 24,266       | 132          | 93     | 48      | 34      | 18      | 325           | 120          | 90             | 165            |
|   | White—Male  | 10,320       | 51           | 54     | 29      | 15      | 9       | 158           | 80           | 60             | 120            |
|   | Female  | 12,955       | 48           | 23     | 14      | 15      | 6       | 104           | 24           | 14             | 22             |
|   | Negro—Male  | 561          | 15           | 9      | 2       | 3       | -       | 29            | 11           | 13             | 18             |
|   | Female  | 372          | 16           | 6      | 3       | 1       | 2       | 28            | 1            | 3              | 4              |
|   | Other—Male  | 32           | 1            | -      | -       | -       | 1       | 2             | 2            | -              | -              |
|   | Female  | 26           | 3            | 1      | -       | -       | -       | 4             | 2            | -              | 1              |
| 186b                                    | Accidental injury by crushing                                       | 421          | 8            | 1      | 3       | 5       | 8       | 25            | 18           | 9              | 16             |
|   | White—Male  | 334          | 2            | -      | 3       | 3       | 5       | 13            | 9            | 6              | 15             |
|   | Female  | 27           | 1            | 1      | -       | 2       | 1       | 5             | 8            | -              | 1              |
|   | Negro—Male  | 52           | 3            | -      | -       | -       | 1       | 4             | 1            | 2              | -              |
|   | Female  | 7            | 2            | -      | -       | -       | 1       | 3             | -            | 1              | -              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 187                                     | Cataclysm, etc.*  | 245          | 6            | 6      | 2       | 4       | 4       | 22            | 14           | 14             | 8              |
|   | White—Male  | 129          | 1            | 2      | 2       | 3       | 1       | 9             | 4            | 8              | 5              |
|   | Female  | 79           | 4            | 2      | -       | -       | 2       | 6             | 7            | 3              | 2              |
|   | Negro—Male  | 17           | 1            | -      | -       | 1       | -       | 2             | 3            | 3              | -              |
|   | Female  | 16           | -            | 2      | -       | -       | 1       | 3             | -            | -              | 1              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 188                                     | Injury by animals (except in agriculture and forestry)              | 95           | 4            | 2      | 2       | 3       | -       | 11            | 6            | 6              | 11             |
|   | White—Male  | 64           | 2            | 2      | 2       | -       | -       | 6             | 5            | 6              | 7              |
|   | Female  | 17           | 2            | -      | -       | 3       | -       | 5             | 1            | -              | 3              |
|   | Negro—Male  | 9            | -            | -      | -       | -       | -       | -             | 2            | -              | -              |
|   | Female  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 189                                     | Hunger or thirst  | 35           | 19           | -      | -       | -       | -       | 19            | -            | -              | -              |
|   | White—Male  | 13           | 7            | -      | -       | -       | -       | 7             | -            | -              | -              |
|   | Female  | 12           | 6            | -      | -       | -       | -       | 6             | -            | -              | -              |
|   | Negro—Male  | 3            | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
|   | Female  | 5            | 3            | -      | -       | -       | -       | 3             | -            | -              | -              |
|   | Other—Male  | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 180                                     | Excessive cold  | 345          | 10           | 1      | -       | -       | -       | 11            | 1            | 2              | 5              |
|   | White—Male  | 208          | 3            | -      | -       | -       | -       | 3             | 1            | 1              | 1              |
|   | Female  | 36           | 1            | 1      | -       | -       | -       | 2             | -            | -              | 2              |
|   | Negro—Male  | 67           | 4            | -      | -       | -       | -       | 4             | -            | -              | 2              |
|   | Female  | 26           | 2            | -      | -       | -       | -       | 2             | -            | -              | -              |
|   | Other—Male  | 8            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Female  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 181                                     | Excessive heat  | 392          | 22           | 5      | 3       | 1       | -       | 31            | 2            | 1              | 2              |
|   | White—Male  | 223          | 8            | 1      | 1       | -       | -       | 10            | 2            | -              | 2              |
|   | Female  | 87           | 8            | 2      | 1       | 1       | -       | 12            | -            | -              | -              |
|   | Negro—Male  | 61           | 4            | 1      | -       | -       | -       | 5             | -            | 1              | -              |
|   | Female  | 20           | 2            | 1      | 1       | -       | -       | 4             | -            | -              | -              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 182                                     | Lightning   | 256          | 1            | -      | 2       | 1       | 3       | 7             | 7            | 28             | 33             |
|   | White—Male  | 166          | -            | -      | -       | -       | 2       | 2             | 4            | 18             | 20             |
|   | Female  | 34           | -            | -      | 1       | -       | 1       | 2             | 2            | 5              | 4              |
|   | Negro—Male  | 42           | 1            | -      | -       | -       | -       | 1             | 1            | 4              | 8              |
|   | Female  | 13           | -            | -      | 1       | 1       | -       | 2             | -            | 5              | 1              |
|   | Other—Male  | 1            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 183                                     | Accidents due to electric currents (except lightning)               | 871          | 11           | 12     | 5       | 8       | 5       | 41            | 24           | 27             | 55             |
|   | White—Male  | 764          | 8            | 9      | 2       | 3       | 4       | 26            | 20           | 22             | 49             |
|   | Female  | 54           | 3            | 3      | 3       | 5       | 1       | 15            | 4            | 3              | -              |
|   | Negro—Male  | 49           | -            | -      | -       | -       | -       | -             | -            | 1              | 5              |
|   | Female  | 2            | -            | -      | -       | -       | -       | -             | -            | 1              | -              |
|   | Other—Male  | 2            | -            | -      | -       | -       | -       | -             | -            | -              | 1              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 184                                     | Poisoning by venomous animals (except in agriculture and forestry)* | 40           | 5            | 1      | 3       | 3       | -       | 12            | 1            | 2              | -              |
|   | White—Male  | 25           | 4            | 1      | 1       | 2       | -       | 8             | -            | 2              | -              |
|   | Female  | 6            | -            | -      | 1       | 1       | -       | 2             | 1            | -              | -              |
|   | Negro—Male  | 4            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
|   | Female  | 4            | -            | -      | 1       | -       | -       | 1             | -            | -              | -              |
|   | Other—Male  | 1            | 1            | -      | -       | -       | -       | 1             | -            | -              | -              |
|   | Female  | -            | -            | -      | -       | -       | -       | -             | -            | -              | -              |
| 185                                     | Other accidents   | 6,551        | 1,019        | 246    | 92      | 52      | 34      | 1,443         | 124          | 163            | 151            |
|   | White—Male  | 3,606        | 462          | 127    | 53      | 33      | 19      | 694           | 83           | 123            | 116            |
|   | Female  | 2,318        | 340          | 89     | 87      | 12      | 11      | 478           | 35           | 18             | 17             |
|   | Negro—Male  | 580          | 123          | 17     | 5       | 4       | 3       | 152           | 5            | 19             | 16             |
|   | Female  | 210          | 62           | 12     | 6       | 3       | 1       | 104           | 1            | 3              | 2              |
|   | Other—Male  | 27           | 8            | 1      | 1       | -       | -       | 10            | -            | -              | -              |
|   | Female  | 10           | 4            | 1      | -       | -       | -       | 5             | -            | -              | -              |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

167

## RACE, AND SEX: UNITED STATES, 1947—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 252            | 169            | 159            | 177            | 150            | 120            | 116            | 96             | 55             | 38             | 34             | 16             | 14             | 2              | -              | -              | -            | 2          | 184           |
| 156            | 107            | 109            | 120            | 95             | 88             | 99             | 77             | 46             | 52             | 28             | 13             | 13             | 2              | -              | -              | -            | 2          |               |
| 28             | 14             | 10             | 11             | 17             | 10             | 4              | 6              | 4              | 2              | 3              | -              | 1              | -              | -              | -              | -            | -          |               |
| 53             | 42             | 34             | 40             | 34             | 20             | 12             | 12             | 5              | 3              | 2              | 2              | 2              | -              | -              | -              | -            | -          |               |
| 11             | 5              | 7              | 6              | 4              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | -              | -              | -              | -            | -          |               |
| 3              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 11             | 11             | 24             | 17             | 17             | 16             | 15             | 12             | 16             | 11             | 9              | 5              | 1              | 2              | 1              | -              | -            | -          | 185           |
| 3              | 6              | 7              | 9              | 11             | 7              | 11             | 10             | 10             | 6              | 6              | 3              | 1              | 2              | 1              | -              | -            | -          |               |
| 1              | 2              | 1              | 1              | 1              | 2              | 1              | 1              | 3              | -              | -              | 2              | -              | -              | -              | -              | -            | -          |               |
| 5              | 3              | 8              | 4              | 4              | 5              | 1              | 1              | 2              | 2              | 2              | 2              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | 8              | 1              | 1              | 2              | 1              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 212            | 227            | 295            | 416            | 463            | 630            | 773            | 1,001          | 1,303          | 1,871          | 2,784          | 3,937          | 4,314          | 3,678          | 1,605          | 361            | 56           | 13         | 186           |
| 157            | 155            | 224            | 284            | 322            | 454            | 531            | 687            | 770            | 957            | 1,086          | 1,408          | 1,450          | 1,126          | 484            | 106            | 6            | 6          |               |
| 28             | 33             | 31             | 70             | 68             | 86             | 174            | 237            | 467            | 831            | 1,608          | 2,461          | 2,807          | 2,515          | 1,100          | 246            | 35           | 5          |               |
| 23             | 30             | 29             | 43             | 55             | 71             | 49             | 48             | 34             | 40             | 41             | 27             | 26             | 9              | 3              | 4              | 3            | -          |               |
| 2              | 8              | 9              | 16             | 15             | 16             | 15             | 26             | 28             | 40             | 46             | 36             | 30             | 24             | 12             | 5              | 9            | 2          |               |
| 2              | 1              | 2              | 2              | 2              | 1              | 3              | 2              | 3              | 2              | 2              | 3              | 1              | 1              | 4              | -              | 1            | -          |               |
| 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 3              | 2              | 2              | 2            | -          |               |
| 179            | 192            | 253            | 374            | 431            | 599            | 734            | 965            | 1,279          | 1,858          | 2,752          | 3,934          | 4,314          | 3,677          | 1,605          | 361            | 56           | 13         | 186a          |
| 129            | 127            | 190            | 253            | 288            | 423            | 496            | 654            | 748            | 946            | 1,054          | 1,407          | 1,450          | 1,125          | 484            | 106            | 6            | 6          |               |
| 26             | 31             | 29             | 68             | 68             | 87             | 173            | 237            | 466            | 831            | 1,608          | 2,459          | 2,807          | 2,515          | 1,100          | 246            | 35           | 5          |               |
| 20             | 25             | 23             | 36             | 48             | 62             | 46             | 46             | 33             | 38             | 41             | 27             | 26             | 9              | 3              | 4              | 3            | -          |               |
| 2              | 8              | 9              | 15             | 14             | 16             | 15             | 25             | 28             | 40             | 46             | 36             | 30             | 24             | 12             | 5              | 9            | 2          |               |
| 2              | 1              | 2              | 2              | 2              | 1              | 3              | 2              | 3              | 2              | 2              | 3              | 1              | 1              | 4              | -              | 1            | -          |               |
| 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 3              | 2              | 2              | 2            | -          |               |
| 53             | 35             | 42             | 32             | 41             | 39             | 36             | 24             | 13             | 12             | 12             | 3              | -              | -              | -              | -              | -            | -          | 186b          |
| 28             | 28             | 34             | 31             | 24             | 31             | 35             | 33             | 22             | 11             | 12             | 2              | 1              | 1              | -              | -              | -            | -          |               |
| 2              | 2              | 2              | 2              | -              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 3              | 5              | 6              | 7              | 7              | 9              | 3              | 2              | 1              | 2              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 17             | 18             | 15             | 20             | 15             | 11             | 7              | 15             | 16             | 13             | 19             | 11             | 2              | 5              | 1              | 1              | -            | -          | 187           |
| 8              | 8              | 12             | 11             | 8              | 8              | 4              | 8              | 8              | 11             | 8              | 5              | 1              | 2              | 2              | 1              | -            | -          |               |
| 5              | 8              | 2              | 7              | 4              | 2              | 3              | 6              | 5              | 9              | 4              | 4              | 1              | 3              | -              | -              | -            | -          |               |
| 2              | 2              | 1              | 1              | 1              | 1              | 1              | 1              | 1              | 2              | 1              | 1              | -              | -              | -              | -              | -            | -          |               |
| 2              | 2              | -              | 2              | 2              | -              | 1              | 1              | 2              | -              | 1              | 1              | -              | -              | -              | -              | -            | -          |               |
| 6              | 2              | 4              | 6              | 4              | 3              | 7              | 3              | 3              | 4              | 8              | 9              | 1              | 1              | -              | -              | -            | -          | 188           |
| 3              | 2              | 4              | 6              | 2              | 1              | 6              | 1              | 1              | 3              | 7              | 5              | 1              | 1              | -              | -              | -            | -          |               |
| 3              | -              | -              | -              | 1              | 2              | 1              | -              | 1              | 1              | 1              | 1              | 1              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | 1              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 189           |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 4              | 14             | 12             | 19             | 18             | 17             | 31             | 34             | 24             | 32             | 36             | 38             | 23             | 8              | 6              | 4              | 2            | 4          | 190           |
| 2              | 7              | 8              | 12             | 7              | 13             | 19             | 19             | 19             | 25             | 31             | 26             | 9              | 4              | 3              | 3              | 4            | 4          |               |
| 1              | 2              | 2              | 1              | 1              | 1              | 2              | 2              | 1              | 1              | 3              | 5              | 5              | 2              | 2              | 1              | 1            | 1          |               |
| 1              | 2              | 4              | 1              | 1              | 1              | 1              | 1              | 1              | 5              | 1              | 1              | 4              | 7              | 2              | 2              | 2            | 1          |               |
| 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 3              | 10             | 10             | 21             | 28             | 32             | 43             | 46             | 36             | 28             | 39             | 19             | 23             | 8              | 7              | 2              | -            | 1          | 191           |
| 2              | 7              | 7              | 12             | 15             | 22             | 26             | 32             | 27             | 15             | 17             | 7              | 11             | 5              | 3              | 1              | -            | 1          |               |
| 1              | 2              | 2              | 1              | 3              | 4              | 7              | 6              | 5              | 5              | 17             | 8              | 10             | 3              | 4              | 1              | -            | 1          |               |
| 1              | 1              | 1              | 8              | 7              | 5              | 8              | 5              | 3              | 6              | 4              | 3              | 1              | -              | -              | -              | -            | -          |               |
| 1              | 1              | 1              | 1              | 3              | 1              | 2              | 2              | 1              | 2              | 1              | 1              | 1              | -              | -              | -              | -            | -          |               |
| 19             | 24             | 31             | 32             | 18             | 19             | 9              | 15             | 4              | 5              | 5              | 5              | -              | -              | -              | -              | -            | -          | 192           |
| 12             | 15             | 19             | 21             | 14             | 11             | 5              | 13             | 3              | 5              | 4              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | 4              | 4              | 4              | 2              | 3              | 3              | 1              | 1              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 5              | 3              | 6              | 6              | 1              | 4              | 1              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | 2              | 2              | 1              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 131            | 114            | 124            | 92             | 85             | 71             | 53             | 22             | 17             | 9              | 4              | 1              | 1              | -              | -              | -              | -            | -          | 193           |
| 118            | 105            | 109            | 85             | 78             | 59             | 48             | 20             | 14             | 8              | 1              | 1              | 1              | -              | -              | -              | -            | -          |               |
| 2              | 3              | 9              | 2              | 1              | 6              | 4              | 1              | 3              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 11             | 5              | 6              | 5              | 6              | 5              | 1              | 1              | 1              | 1              | 2              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 2              | 3              | 1              | 1              | 1              | 6              | -              | -              | -              | 2              | 2              | 2              | 2              | 1              | -              | -              | -            | -          | 194           |
| 1              | 2              | 1              | 1              | 1              | 5              | -              | -              | -              | 2              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | 1              | -              | -              | -              | 1              | -              | -              | -              | 1              | 1              | 2              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| 188            | 201            | 205            | 259            | 277            | 297            | 304            | 337            | 325            | 349            | 404            | 498            | 437            | 390            | 146            | 36             | 6            | 11         | 195           |
| 131            | 134            | 141            | 185            | 176            | 201            | 221            | 238            | 225            | 212            | 206            | 193            | 141            | 127            | 45             | 7              | 3            | 4          |               |
| 17             | 26             | 25             | 24             | 35             | 32             | 41             | 54             | 70             | 121            | 176            | 285            | 282            | 254            | 95             | 28             | 3            | 2          |               |
| 26             | 33             | 32             | 43             | 56             | 53             | 35             | 35             | 24             | 15             | 15             | 7              | 5              | 3              | 4              | -              | -            | 4          |               |
| 10             | 6              | 7              | 6              | 6              | 10             | 6              | 9              | 4              | 2              | 6              | 13             | 8              | 4              | 1              | 1              | -            | 1          |               |
| 2              | 2              | -              | 1              | 3              | 1              | 1              | 1              | 1              | 1              | 1              | -              | -              | 1              | 1              | -              | -            | -          |               |
| 2              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | 1              | 1              | -              | -            | -          |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM EACH CAUSE, BY AGE,  
(Exclusive of stillbirths and of

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                                | Total deaths  | Under 1 year | 1 year     | 2 years    | 3 years   | 4 years   | Under 5 years | 5 to 9 years | 10 to 14 years | 15 to 19 years |
|---------------|--|---------------|--------------|------------|------------|-----------|-----------|---------------|--------------|----------------|----------------|
|               | <b>XVII.—Violent or accidental deaths—Con.</b>               |               |              |            |            |           |           |               |              |                |                |
|               | Accidental deaths—Continued                                  |               |              |            |            |           |           |               |              |                |                |
| 195a          | Other accidents—Continued                                    |               |              |            |            |           |           |               |              |                |                |
|               | Sequelae of preventive immunization, etc.*-----              | 10            | 3            | -          | -          | -         | -         | 3             | 2            | -              | -              |
|               | White-----Male----   | 6             | 3            | -          | -          | -         | -         | 3             | -            | -              | -              |
|               | Female----   | 5             | -            | -          | -          | -         | -         | -             | 1            | -              | -              |
|               | Negro-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | 1             | -            | -          | -          | -         | -         | -             | 1            | -              | -              |
|               | Other-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
| 195b          | Other accidents due to medical or surgical intervention----- | 48            | 8            | 1          | -          | 2         | 1         | 12            | 1            | 2              | -              |
|               | White-----Male----   | 16            | 4            | -          | -          | 1         | 1         | 6             | -            | 1              | -              |
|               | Female----   | 19            | 1            | -          | -          | -         | -         | 1             | 1            | 1              | -              |
|               | Negro-----Male----   | 7             | 3            | 1          | -          | 1         | -         | 5             | -            | -              | -              |
|               | Female----   | 5             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Other-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | 1             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
| 195d          | Obstruction, suffocation, etc.*-----                         | 1,299         | 747          | 151        | 51         | 25        | 9         | 983           | 27           | 9              | 10             |
|               | White-----Male----   | 664           | 349          | 79         | 31         | 15        | 5         | 479           | 13           | 8              | 6              |
|               | Female----   | 436           | 262          | 47         | 15         | 6         | 3         | 333           | 12           | -              | 2              |
|               | Negro-----Male----   | 115           | 76           | 15         | 2          | 2         | 1         | 96            | 2            | -              | 1              |
|               | Female----   | 78            | 55           | 9          | 3          | 2         | -         | 69            | -            | 1              | 1              |
|               | Other-----Male----   | 4             | 3            | 1          | -          | -         | -         | 4             | -            | -              | -              |
|               | Female----   | 2             | 2            | -          | -          | -         | -         | 2             | -            | -              | -              |
| 195c,e        | Other and unspecified accidents-----                         | 5,194         | 261          | 94         | 41         | 25        | 24        | 445           | 94           | 152            | 141            |
|               | White-----Male----   | 2,920         | 106          | 48         | 22         | 17        | 13        | 206           | 70           | 114            | 110            |
|               | Female----   | 1,660         | 77           | 41         | 12         | 6         | 8         | 144           | 21           | 17             | 15             |
|               | Negro-----Male----   | 458           | 44           | 1          | 3          | 1         | 2         | 51            | 3            | 19             | 15             |
|               | Female----   | 126           | 27           | 3          | 3          | 1         | 1         | 35            | -            | 2              | 1              |
|               | Other-----Male----   | 23            | 5            | -          | 1          | -         | -         | 6             | -            | -              | -              |
|               | Female----   | 7             | 2            | 1          | -          | -         | -         | 3             | -            | -              | -              |
| 196           | Deaths of military personnel during operations of war-----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | White-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Negro-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Other-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
| 197           | Deaths of civilians due to operations of war-----            | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | White-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Negro-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Other-----Male----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
| 198           | Legal executions-----  | 118           | -            | -          | -          | -         | -         | -             | -            | -              | 10             |
|               | White-----Male----   | 35            | -            | -          | -          | -         | -         | -             | -            | -              | 1              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Negro-----Male----   | 81            | -            | -          | -          | -         | -         | -             | -            | -              | 8              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Other-----Male----   | 2             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | Female----   | -             | -            | -          | -          | -         | -         | -             | -            | -              | -              |
|               | <b>XVIII.—Ill-defined and unknown causes-----</b>            | <b>18,082</b> | <b>3,851</b> | <b>298</b> | <b>110</b> | <b>64</b> | <b>30</b> | <b>4,353</b>  | <b>120</b>   | <b>79</b>      | <b>126</b>     |
|               | White-----Male----   | 7,037         | 1,030        | 81         | 28         | 25        | 3         | 1,167         | 38           | 22             | 35             |
|               | Female----   | 3,627         | 822          | 72         | 24         | 12        | 12        | 942           | 39           | 18             | 27             |
|               | Negro-----Male----   | 3,876         | 1,030        | 62         | 28         | 17        | 8         | 1,145         | 18           | 20             | 27             |
|               | Female----   | 3,124         | 849          | 54         | 17         | 8         | 5         | 933           | 19           | 15             | 30             |
|               | Other-----Male----   | 222           | 66           | 14         | 5          | 1         | -         | 86            | 2            | -              | 2              |
|               | Female----   | 196           | 54           | 15         | 8          | 1         | 2         | 80            | 4            | 4              | 7              |
| 199           | Sudden death-----  | 1,115         | 127          | 8          | -          | 3         | -         | 138           | 6            | 6              | 4              |
|               | White-----Male----   | 511           | 44           | 2          | -          | 1         | -         | 47            | 2            | 1              | 1              |
|               | Female----   | 195           | 25           | 1          | -          | 1         | -         | 27            | 2            | 1              | 1              |
|               | Negro-----Male----   | 226           | 26           | 3          | -          | -         | -         | 29            | 1            | 1              | 1              |
|               | Female----   | 169           | 30           | 2          | -          | 1         | -         | 33            | 1            | 3              | -              |
|               | Other-----Male----   | 9             | 2            | -          | -          | -         | -         | 2             | -            | -              | -              |
|               | Female----   | 5             | -            | -          | -          | -         | -         | -             | -            | -              | 1              |
| 200           | Ill-defined and unknown causes-----                          | 18,967        | 3,724        | 290        | 110        | 61        | 30        | 4,215         | 114          | 75             | 122            |
|               | White-----Male----   | 6,526         | 986          | 79         | 28         | 24        | 3         | 1,120         | 36           | 21             | 32             |
|               | Female----   | 3,432         | 797          | 71         | 24         | 11        | 12        | 915           | 37           | 17             | 28             |
|               | Negro-----Male----   | 3,650         | 1,004        | 59         | 28         | 17        | 8         | 1,116         | 17           | 19             | 26             |
|               | Female----   | 2,955         | 819          | 52         | 17         | 7         | 5         | 900           | 18           | 12             | 30             |
|               | Other-----Male----   | 213           | 64           | 14         | 5          | 1         | -         | 84            | 2            | -              | 2              |
|               | Female----   | 191           | 54           | 15         | 8          | 1         | 2         | 80            | 4            | 4              | 6              |
| 200a          | Ill-defined causes-----                                      | 7,958         | 800          | 123        | 33         | 23        | 15        | 994           | 44           | 32             | 59             |
|               | White-----Male----   | 3,852         | 283          | 40         | 10         | 10        | 2         | 345           | 18           | 9              | 17             |
|               | Female----   | 1,863         | 251          | 34         | 11         | 6         | 7         | 309           | 16           | 8              | 16             |
|               | Negro-----Male----   | 1,268         | 132          | 22         | 8          | 6         | 5         | 175           | 5            | 10             | 11             |
|               | Female----   | 861           | 110          | 18         | 2          | 1         | 1         | 132           | 5            | 5              | 14             |
|               | Other-----Male----   | 56            | 17           | 2          | -          | -         | -         | 20            | -            | -              | -              |
|               | Female----   | 38            | 7            | 1          | -          | -         | -         | 15            | -            | -              | 1              |
| 200b,c        | Unknown or unspecified causes-----                           | 9,009         | 2,924        | 167        | 77         | 39        | 15        | 3,221         | 70           | 41             | 63             |
|               | White-----Male----   | 2,674         | 703          | 39         | 18         | 14        | 1         | 775           | 19           | 12             | 15             |
|               | Female----   | 1,589         | 546          | 37         | 13         | 5         | 5         | 606           | 21           | 9              | 10             |
|               | Negro-----Male----   | 2,362         | 872          | 37         | 20         | 11        | 3         | 943           | 12           | 9              | 15             |
|               | Female----   | 2,074         | 709          | 34         | 15         | 6         | 4         | 768           | 13           | 7              | 16             |
|               | Other-----Male----   | 157           | 47           | 12         | 4          | 1         | -         | 64            | 2            | -              | 2              |
|               | Female----   | 153           | 47           | 8          | 7          | 1         | 2         | 65            | 4            | 4              | 5              |

\*Refer to International List for complete title, table IX.

# GENERAL TABLES—DEATHS FROM EACH CAUSE

## RACE, AND SEX: UNITED STATES, 1948—Continued

(Deaths among armed forces overseas)

| 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 to 54 years | 55 to 59 years | 60 to 64 years | 65 to 69 years | 70 to 74 years | 75 to 79 years | 80 to 84 years | 85 to 89 years | 90 to 94 years | 95 to 99 years | 100 and over | Not stated | Int. List No. |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|------------|---------------|
| 1              | -              | 1              | -              | -              | 1              | 2              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 185a          |
| 1              | -              | 1              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 8              | 2              | 4              | 2              | 3              | 5              | 3              | 3              | 2              | 1              | 1              | -              | 1              | -              | -              | -              | -            | -          | 195b          |
| 2              | 2              | 2              | 2              | 3              | 1              | 1              | 1              | 2              | 1              | 1              | -              | 1              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 10             | 12             | 13             | 17             | 15             | 30             | 25             | 30             | 17             | 36             | 22             | 23             | 10             | 6              | 2              | 1              | 1            | 1          | 195d          |
| 7              | 6              | 6              | 12             | 11             | 16             | 14             | 16             | 10             | 24             | 13             | 14             | 6              | 2              | 2              | 1              | 1            | 1          |               |
| 2              | 5              | 4              | 3              | 3              | 9              | 8              | 12             | 6              | 11             | 6              | 9              | 4              | 4              | 2              | -              | -            | -          |               |
| 1              | 1              | 2              | 2              | 1              | 3              | 2              | 2              | 1              | 1              | 2              | 2              | 5              | 4              | 1              | 1              | 1            | 1          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 171            | 167            | 187            | 240            | 259            | 261            | 274            | 304            | 306            | 312            | 381            | 475            | 426            | 394            | 144            | 35             | 6            | 10         | 195c,e        |
| 123            | 128            | 133            | 171            | 165            | 183            | 204            | 221            | 215            | 198            | 192            | 179            | 135            | 125            | 45             | 7              | 3            | 3          |               |
| 13             | 19             | 18             | 21             | 29             | 21             | 31             | 42             | 62             | 109            | 170            | 276            | 277            | 250            | 93             | 27             | 3            | 2          |               |
| 25             | 33             | 30             | 41             | 55             | 49             | 33             | 33             | 23             | 12             | 13             | 7              | 5              | 3              | 4              | -              | -            | 4          |               |
| 7              | 5              | 6              | 6              | 6              | 7              | 5              | 7              | 4              | 2              | 5              | 13             | 8              | 4              | 1              | 1              | 1            | 1          |               |
| 2              | 2              | -              | 1              | 3              | 1              | 1              | 1              | 2              | 1              | 1              | -              | -              | 1              | 1              | -              | -            | -          |               |
| 1              | -              | -              | 1              | 1              | -              | -              | -              | -              | -              | -              | -              | 1              | 1              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 196           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          | 197           |
| -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 33             | 30             | 19             | 15             | 6              | 1              | 2              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -            | 1          | 198           |
| 8              | 7              | 8              | 5              | 4              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | 1          |               |
| 24             | 23             | 11             | 10             | 2              | 1              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 1              | -              | -              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 248            | 270            | 353            | 481            | 701            | 912            | 1,175          | 1,210          | 1,446          | 1,673          | 1,619          | 1,377          | 893            | 565            | 240            | 84             | 85           | 72         |               |
| 79             | 88             | 117            | 174            | 272            | 387            | 516            | 577            | 707            | 773            | 778            | 617            | 359            | 215            | 87             | 13             | 4            | 34         |               |
| 54             | 62             | 81             | 80             | 115            | 121            | 141            | 154            | 221            | 330            | 359            | 349            | 247            | 184            | 70             | 17             | 6            | 10         |               |
| 47             | 50             | 70             | 107            | 159            | 210            | 290            | 280            | 268            | 330            | 274            | 236            | 161            | 75             | 42             | 19             | 24           | 16         |               |
| 58             | 64             | 67             | 108            | 141            | 177            | 213            | 183            | 228            | 214            | 187            | 154            | 110            | 79             | 55             | 32             | 49           | 9          |               |
| 6              | 3              | 4              | 10             | 9              | 7              | 9              | 7              | 12             | 18             | 15             | 12             | 9              | 5              | 1              | 2              | 1            | 2          |               |
| 4              | 3              | 6              | 2              | 5              | 10             | 6              | 9              | 10             | 8              | 6              | 9              | 7              | 7              | 5              | 1              | 2            | 1          |               |
| 19             | 20             | 23             | 26             | 46             | 79             | 108            | 120            | 100            | 133            | 100            | 97             | 52             | 24             | 7              | 2              | 3            | 2          | 199           |
| 5              | 5              | 5              | 10             | 14             | 41             | 47             | 82             | 55             | 69             | 54             | 47             | 29             | 14             | 3              | -              | -            | -          |               |
| 5              | 5              | 7              | 3              | 5              | 7              | 8              | 13             | 17             | 19             | 25             | 27             | 13             | 8              | 2              | -              | -            | -          |               |
| 7              | 4              | 4              | 7              | 12             | 16             | 31             | 27             | 16             | 26             | 13             | 18             | 7              | 2              | 2              | 1              | 1            | 1          |               |
| 2              | 6              | 5              | 5              | 12             | 14             | 22             | 17             | 12             | 17             | 7              | 5              | 3              | -              | 1              | 1              | 2            | 2          |               |
| -              | -              | 1              | 1              | 2              | -              | -              | 1              | -              | -              | 1              | -              | -              | -              | -              | -              | -            | -          |               |
| -              | -              | 1              | 1              | 1              | 1              | -              | -              | -              | 1              | -              | -              | -              | -              | -              | -              | -            | -          |               |
| 229            | 250            | 330            | 455            | 655            | 833            | 1,067          | 1,080          | 1,346          | 1,540          | 1,519          | 1,280          | 841            | 541            | 233            | 82             | 82           | 70         | 200           |
| 74             | 83             | 112            | 164            | 258            | 346            | 469            | 515            | 652            | 704            | 724            | 570            | 330            | 201            | 64             | 13             | 4            | 34         |               |
| 49             | 57             | 74             | 77             | 110            | 114            | 133            | 141            | 204            | 311            | 334            | 322            | 234            | 176            | 68             | 17             | 6            | 10         |               |
| 40             | 46             | 74             | 100            | 147            | 194            | 259            | 253            | 252            | 304            | 261            | 218            | 154            | 73             | 40             | 18             | 23           | 16         |               |
| 56             | 58             | 62             | 103            | 129            | 163            | 191            | 186            | 216            | 197            | 180            | 149            | 107            | 79             | 55             | 31             | 46           | 7          |               |
| 6              | 3              | 3              | 9              | 7              | 7              | 9              | 6              | 12             | 17             | 14             | 12             | 9              | 5              | 1              | 2              | 1            | 2          |               |
| 4              | 3              | 5              | 2              | 4              | 9              | 6              | 8              | 10             | 7              | 6              | 9              | 7              | 7              | 5              | 1              | 2            | 1          |               |
| 91             | 118            | 152            | 236            | 354            | 464            | 620            | 688            | 811            | 867            | 870            | 725            | 449            | 283            | 89             | 27             | 20           | 25         | 200a          |
| 30             | 41             | 49             | 85             | 162            | 204            | 309            | 333            | 454            | 479            | 494            | 403            | 225            | 135            | 34             | 10             | 4            | 12         |               |
| 22             | 25             | 39             | 42             | 54             | 72             | 73             | 84             | 141            | 204            | 223            | 210            | 155            | 110            | 40             | 10             | 4            | 6          |               |
| 18             | 23             | 30             | 64             | 78             | 103            | 135            | 137            | 119            | 122            | 90             | 68             | 46             | 15             | 9              | 2              | 4            | 6          |               |
| 20             | 26             | 35             | 41             | 56             | 81             | 100            | 70             | 97             | 55             | 56             | 39             | 21             | 18             | 5              | 5              | 8            | 1          |               |
| 1              | 2              | -              | 2              | 3              | 1              | 2              | 2              | 6              | 4              | 6              | 5              | -              | 2              | -              | -              | -            | -          |               |
| -              | -              | 1              | 1              | 3              | 3              | 1              | 2              | 4              | 3              | 1              | -              | 2              | 2              | 1              | -              | -            | -          |               |
| 138            | 132            | 178            | 219            | 301            | 369            | 447            | 462            | 535            | 673            | 649            | 555            | 382            | 258            | 144            | 55             | 62           | 45         | 200b,c        |
| 44             | 42             | 64             | 78             | 96             | 142            | 160            | 182            | 198            | 225            | 230            | 167            | 105            | 65             | 30             | 3              | -            | 22         |               |
| 27             | 31             | 36             | 35             | 56             | 42             | 60             | 57             | 63             | 107            | 111            | 112            | 79             | 66             | 28             | 7              | 2            | 4          |               |
| 22             | 23             | 44             | 36             | 69             | 91             | 124            | 116            | 133            | 182            | 171            | 150            | 108            | 58             | 31             | 16             | 19           | 10         |               |
| 36             | 32             | 27             | 62             | 73             | 82             | 91             | 96             | 129            | 142            | 124            | 110            | 86             | 60             | 50             | 26             | 38           | 6          |               |
| 5              | 1              | 3              | 7              | 4              | 6              | 7              | 4              | 6              | 13             | 8              | 9              | 3              | 3              | 1              | 2              | 1            | 2          |               |
| 4              | 3              | 4              | 1              | 3              | 5              | 5              | 7              | 6              | 4              | 5              | 9              | 5              | 5              | 4              | 1              | 2            | 1          |               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948

| STATE OF OCCURRENCE       | Total births occurring in State | Births to residents occurring in place of residence | BIRTHS TO NONRESIDENTS <sup>1</sup> |                           |        |                         |       |       |        |       |       |      |       |       |       |       |       |
|---------------------------|---------------------------------|---|-------------------------------------|---------------------------|--------|-------------------------|-------|-------|--------|-------|-------|------|-------|-------|-------|-------|-------|
|                           |                                 |   | Total                               | Intra-state non-residents | Total  | Interstate nonresidents |       |       |        |       |       |      |       |       |       |       |       |
|                           |                                 |   |                                     |                           |        | State of residence      |       |       |        |       |       |      |       |       |       |       |       |
|                           |                                 |   |                                     |                           |        | Ala.                    | Ariz. | Ark.  | Calif. | Colo. | Conn. | Del. | D. C. | Fla.  | Ga.   | Idaho | Ill.  |
| UNITED STATES-----        | 5,535,069                       | 2,215,614   | 1,319,454                           | 1,250,566                 | 89,088 | 1,861                   | 504   | 1,561 | 1,861  | 683   | 1,584 | 327  | 1,424 | 1,294 | 1,964 | 1,020 | 5,555 |
| Alabama-----              | 64,684                          | 60,576  | 24,108                              | 22,935                    | 1,175  | ...                     | -     | 8     | 28     | -     | 3     | -    | 3     | 322   | 331   | 2     | 18    |
| Arizona-----              | 19,816                          | 12,097  | 7,719                               | 6,794                     | 925    | 10                      | ...   | 20    | 192    | 17    | 7     | 1    | 3     | 11    | 10    | 8     | 36    |
| Arkansas-----             | 48,136                          | 32,972  | 15,164                              | 13,503                    | 1,681  | 5                       | 1     | ...   | 27     | -     | 3     | -    | -     | 1     | 4     | -     | 20    |
| California-----           | 240,777                         | 128,981   | 111,796                             | 109,860                   | 1,936  | 37                      | 56    | 50    | ...    | 49    | 12    | 2    | 9     | 36    | 37    | 19    | 91    |
| Colorado-----             | 33,568                          | 21,293  | 12,275                              | 11,054                    | 1,221  | 5                       | 3     | 13    | 90     | ...   | 6     | -    | 3     | 14    | 5     | 14    | 45    |
| Connecticut-----          | 41,199                          | 23,952  | 17,247                              | 16,693                    | 554    | 3                       | -     | 4     | 3      | 2     | ...   | -    | -     | 7     | 4     | -     | 5     |
| Delaware-----             | 7,415                           | 3,860   | 3,553                               | 3,067                     | 486    | -                       | 2     | -     | 1      | -     | 1     | ...  | -     | 2     | -     | -     | 1     |
| District of Columbia----- | 27,479                          | 19,391  | 8,088                               | ...                       | 8,088  | 1                       | -     | -     | 2      | -     | 4     | ...  | -     | 6     | 3     | -     | 13    |
| Florida-----              | 60,758                          | 40,035  | 20,723                              | 18,281                    | 2,442  | 261                     | 2     | 25    | 108    | 14    | 47    | 5    | 16    | ...   | 289   | 5     | 97    |
| Georgia-----              | 92,533                          | 62,639  | 29,695                              | 26,092                    | 1,803  | 742                     | -     | 2     | 11     | 6     | 2     | -    | 3     | 333   | ...   | -     | 11    |
| Idaho-----                | 15,636                          | 8,583   | 7,253                               | 6,729                     | 524    | 1                       | 1     | 1     | 24     | 2     | -     | -    | -     | -     | -     | ...   | 3     |
| Illinois-----             | 181,234                         | 115,851   | 65,393                              | 63,465                    | 1,918  | 4                       | 3     | 4     | 16     | 5     | 3     | -    | 5     | 7     | 6     | -     | ...   |
| Indiana-----              | 92,944                          | 53,996  | 36,948                              | 36,282                    | 2,666  | 7                       | 3     | 5     | 6      | -     | 3     | -    | -     | -     | 3     | -     | 1,566 |
| Iowa-----                 | 61,513                          | 31,964  | 29,549                              | 27,115                    | 2,434  | 2                       | 6     | 3     | 11     | 6     | -     | -    | 1     | 3     | 2     | -     | 925   |
| Kansas-----               | 41,867                          | 25,086  | 16,811                              | 14,811                    | 1,970  | 6                       | 4     | 29    | 48     | 127   | 1     | -    | 1     | 9     | 11    | 3     | 41    |
| Kentucky-----             | 77,192                          | 56,080  | 21,112                              | 18,854                    | 2,258  | 25                      | 2     | 20    | 21     | 3     | 9     | 1    | 4     | 20    | 25    | -     | 126   |
| Louisiana-----            | 73,039                          | 48,850  | 24,189                              | 23,536                    | 653    | 15                      | -     | 95    | 12     | 3     | -     | -    | 1     | 6     | 4     | -     | 6     |
| Maine-----                | 21,698                          | 13,282  | 8,416                               | 8,113                     | 303    | 1                       | -     | 1     | 4      | 1     | 25    | 1    | 2     | 5     | 1     | -     | 2     |
| Maryland-----             | 51,253                          | 34,099  | 17,154                              | 15,893                    | 3,261  | 18                      | 2     | 6     | 53     | 4     | 12    | 192  | 1,100 | 45    | 17    | 1     | 35    |
| Massachusetts-----        | 297,966                         | 58,167  | 39,799                              | 37,745                    | 2,054  | 1                       | 1     | -     | 10     | -     | 536   | 1    | 5     | 3     | 2     | -     | 8     |
| Michigan-----             | 154,160                         | 87,613  | 66,547                              | 65,380                    | 1,167  | -                       | 1     | 7     | 6      | 1     | 1     | -    | 1     | 5     | 2     | -     | 44    |
| Minnesota-----            | 72,665                          | 44,392  | 28,273                              | 26,471                    | 1,802  | 3                       | 5     | -     | 6      | 5     | 1     | -    | -     | 4     | -     | -     | 31    |
| Mississippi-----          | 65,723                          | 51,548  | 14,175                              | 12,707                    | 1,468  | 264                     | 1     | 50    | 20     | 5     | 5     | 1    | 3     | 53    | 23    | 2     | 37    |
| Missouri-----             | 86,983                          | 53,924  | 33,059                              | 29,734                    | 4,325  | 1                       | 7     | 196   | 24     | 24    | 1     | 1    | 4     | 8     | 6     | 2     | 1,427 |
| Montana-----              | 14,795                          | 9,756   | 5,039                               | 4,810                     | 229    | -                       | -     | 1     | 6      | 2     | 1     | -    | -     | -     | -     | 21    | 2     |
| Nebraska-----             | 31,079                          | 19,076  | 12,005                              | 10,907                    | 1,096  | 1                       | 3     | 7     | 23     | 41    | 1     | 1    | 2     | 1     | -     | 4     | 13    |
| Nevada-----               | 3,752                           | 2,466   | 1,264                               | 1,064                     | 200    | -                       | 4     | -     | 143    | 3     | -     | -    | -     | 1     | 1     | 1     | 3     |
| New Hampshire-----        | 12,783                          | 7,932   | 4,851                               | 3,641                     | 1,210  | -                       | -     | -     | -      | -     | 10    | -    | -     | 1     | -     | -     | 1     |
| New Jersey-----           | 94,714                          | 42,947  | 51,767                              | 50,589                    | 1,178  | -                       | -     | -     | 2      | -     | 17    | 6    | 5     | 6     | -     | -     | -     |
| New Mexico-----           | 20,632                          | 14,797  | 5,845                               | 4,817                     | 1,028  | 6                       | 100   | 15    | 84     | 98    | 7     | 1    | 2     | 9     | 9     | 9     | 20    |
| New York-----             | 302,740                         | 206,588   | 96,152                              | 92,595                    | 3,557  | 13                      | 3     | 4     | 19     | 5     | 476   | 5    | 24    | 30    | 13    | 4     | 22    |
| North Carolina-----       | 109,605                         | 68,692  | 40,913                              | 36,989                    | 1,924  | 25                      | 2     | 11    | 33     | 2     | 13    | 4    | 24    | 34    | 118   | -     | 48    |
| North Dakota-----         | 16,785                          | 8,428   | 8,357                               | 7,199                     | 1,156  | 1                       | 1     | 2     | 6      | 1     | -     | -    | -     | 1     | 1     | 1     | 4     |
| Ohio-----                 | 186,111                         | 114,506   | 71,605                              | 68,132                    | 3,473  | 9                       | 3     | 3     | 15     | 1     | 4     | 1    | 4     | 18    | 9     | 1     | 32    |
| Oklahoma-----             | 49,736                          | 32,149  | 17,597                              | 16,170                    | 1,417  | 14                      | 10    | 94    | 79     | 26    | 3     | 1    | 8     | 12    | 8     | 2     | 41    |
| Oregon-----               | 35,160                          | 19,691  | 15,469                              | 14,315                    | 1,176  | -                       | 3     | 1     | 228    | 2     | 3     | -    | -     | -     | -     | 324   | 3     |
| Pennsylvania-----         | 227,366                         | 127,031   | 100,335                             | 96,318                    | 4,017  | 2                       | 2     | 3     | 19     | 3     | 26    | 92   | 28    | 19    | 7     | 2     | 18    |
| Rhode Island-----         | 17,202                          | 9,277   | 7,925                               | 6,914                     | 1,111  | 3                       | 2     | 5     | 19     | 1     | 276   | 1    | 1     | 11    | 4     | -     | 9     |
| South Carolina-----       | 58,124                          | 41,633  | 16,491                              | 15,126                    | 1,365  | 41                      | 2     | 14    | 19     | 4     | 4     | 1    | 7     | 53    | 221   | 2     | 28    |
| South Dakota-----         | 16,344                          | 9,161   | 7,183                               | 6,255                     | 928    | 2                       | -     | 1     | 2      | 3     | -     | -    | -     | 2     | 2     | 1     | 4     |
| Tennessee-----            | 84,153                          | 56,794  | 27,359                              | 23,226                    | 4,133  | 266                     | 3     | 631   | 73     | 8     | 8     | 3    | 18    | 81    | 701   | 1     | 70    |
| Texas-----                | 196,347                         | 148,652   | 47,695                              | 46,174                    | 1,521  | 4                       | 16    | 178   | 28     | 19    | 1     | -    | 1     | 6     | 5     | 3     | 18    |
| Utah-----                 | 20,969                          | 12,363  | 8,606                               | 8,081                     | 525    | -                       | 36    | 2     | 24     | 62    | -     | -    | 1     | -     | -     | 166   | 3     |
| Vermont-----              | 9,006                           | 4,852   | 4,154                               | 3,757                     | 397    | -                       | -     | -     | 1      | -     | 14    | -    | -     | 1     | -     | -     | -     |
| Virginia-----             | 79,260                          | 50,233  | 29,027                              | 25,507                    | 3,520  | 45                      | 1     | 18    | 71     | 7     | 25    | 7    | 122   | 69    | 58    | 6     | 86    |
| Washington-----           | 57,004                          | 34,413  | 22,591                              | 20,251                    | 2,340  | 11                      | 10    | 26    | 209    | 36    | 9     | 4    | 3     | 14    | 14    | 394   | 47    |
| West Virginia-----        | 52,934                          | 34,979  | 17,955                              | 15,161                    | 2,794  | 2                       | -     | 1     | 4      | 1     | 4     | 1    | 8     | 4     | 2     | -     | 7     |
| Wisconsin-----            | 80,925                          | 44,693  | 36,232                              | 34,988                    | 1,244  | 2                       | 3     | -     | 11     | 1     | -     | -    | -     | 3     | 2     | -     | 474   |
| Wyoming-----              | 7,286                           | 5,463   | 1,623                               | 1,368                     | 455    | 2                       | -     | 5     | 16     | 67    | 1     | -    | 1     | 8     | 4     | 22    | 14    |

<sup>1</sup>See discussion in text for definition of nonresident.

<sup>2</sup>Excludes 2,381 births which occurred in the city of Lynn; all of these births were to residents of Massachusetts. Statistical transcripts for these births were received at the National Office of Vital Statistics after tabulations were completed.

# GENERAL TABLES—LIVE BIRTHS

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**TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued**

| STATE OF OCCURRENCE   | BIRTHS TO NONRESIDENTS <sup>1</sup> —Continued |       |       |       |     |       |       |       |       |       |       |       |       |       |      |       |       |         |       |  |
|-----------------------|--|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|---------|-------|--|
|                       | Interstate nonresidents—Continued              |       |       |       |     |       |       |       |       |       |       |       |       |       |      |       |       |         |       |  |
|                       | State of residence—Continued                   |       |       |       |     |       |       |       |       |       |       |       |       |       |      |       |       |         |       |  |
|                       | Ind.   | Iowa  | Kans. | Ky.   | La. | Maine | Md.   | Mass. | Mich. | Minn. | Miss. | Mo.   | Mont. | Nebr. | Nev. | N. H. | N. J. | N. Mex. | N. Y. |  |
| <b>UNITED STATES—</b> | 2,251  | 1,496 | 2,817 | 2,242 | 926 | 676   | 5,431 | 1,477 | 1,737 | 1,917 | 1,048 | 2,600 | 469   | 1,193 | 142  | 850   | 4,044 | 915     | 2,785 |  |
| Alabama               | 2  | 1     | 3     | 11    | 19  | 1     | 4     | 1     | 16    | 5     | 63    | 7     | -     | 2     | -    | -     | 4     | -       | 20    |  |
| Arizona               | 16   | 15    | 12    | 6     | 6   | 1     | 1     | 13    | 19    | 8     | 9     | 21    | 3     | 8     | 13   | 2     | 10    | 196     | 29    |  |
| Arkansas              | 6  | 1     | 8     | 2     | 39  | -     | -     | -     | 16    | 1     | 15    | 340   | -     | 1     | -    | -     | 1     | 3       | 3     |  |
| California            | 36   | 53    | 44    | 15    | 53  | 6     | 22    | 44    | 47    | 50    | 16    | 66    | 18    | 43    | 42   | 3     | 31    | 34      | 81    |  |
| Colorado              | 11   | 44    | 101   | 11    | 12  | 4     | 3     | 16    | 54    | 32    | 5     | 29    | 14    | 127   | 1    | 1     | 6     | 108     | 28    |  |
| Connecticut           | 3  | 1     | -     | -     | -   | 4     | 4     | 95    | 3     | 1     | 1     | -     | -     | 2     | -    | 6     | 13    | -       | 328   |  |
| Delaware              | -  | -     | -     | -     | -   | -     | 145   | -     | -     | 1     | -     | -     | -     | -     | -    | 155   | -     | 9       | 9     |  |
| District of Columbia  | 1  | 3     | 2     | 2     | 4   | 1     | 4,043 | 2     | 6     | 5     | 1     | -     | 2     | -     | -    | 1     | 2     | 1       | 16    |  |
| Florida               | 65   | 34    | 30    | 32    | 51  | 14    | 33    | 101   | 69    | 28    | 50    | 37    | 4     | 19    | 2    | 11    | 63    | 3       | 153   |  |
| Georgia               | 2  | 1     | 3     | 4     | 2   | -     | 8     | 3     | 8     | 2     | 12    | 4     | -     | 1     | 1    | -     | 10    | 4       | 23    |  |
| Idaho                 | 2  | 3     | 3     | -     | -   | -     | -     | -     | 2     | 2     | -     | -     | 3     | 32    | 1    | 9     | -     | -       | 2     |  |
| Illinois              | 634  | 134   | 13    | 89    | 4   | -     | 1     | 7     | 74    | 22    | 3     | 461   | 3     | 2     | 1    | 1     | 4     | 2       | 23    |  |
| Indiana               | ...  | 4     | 5     | 214   | -   | -     | -     | 2     | 295   | 3     | 2     | 1     | -     | -     | -    | -     | 2     | 3       | 3     |  |
| Iowa                  | 13   | ...   | 4     | 1     | 2   | -     | 1     | 1     | 8     | 181   | 2     | 354   | 1     | 457   | 1    | -     | 2     | 2       | 5     |  |
| Kansas                | 9  | 24    | ...   | 9     | 10  | 3     | 5     | 2     | 13    | 22    | 5     | 810   | 2     | 101   | 3    | -     | 9     | 9       | 29    |  |
| Kentucky              | 436  | 6     | 15    | ...   | 9   | 2     | 14    | 13    | 49    | 17    | 10    | 28    | 1     | 7     | -    | 2     | 11    | 49      | 41    |  |
| Louisiana             | 6  | 5     | 2     | -     | ... | 1     | 2     | 2     | 1     | -     | 186   | 4     | 1     | 1     | -    | -     | -     | -       | 6     |  |
| Maine                 | 1  | 2     | 2     | -     | 2   | ...   | 2     | 62    | 6     | 1     | 2     | 1     | -     | 2     | -    | 104   | 6     | 6       | 23    |  |
| Maryland              | 21   | 10    | 14    | 12    | 14  | 12    | ...   | 28    | 22    | 22    | 8     | 16    | 1     | 6     | 2    | 3     | 42    | 1       | 79    |  |
| Massachusetts         | 1  | 1     | -     | 2     | 2   | 74    | 6     | ...   | 7     | -     | -     | 3     | -     | -     | -    | 433   | 16    | -       | 214   |  |
| Michigan              | 303  | 3     | -     | 6     | 1   | -     | 1     | 3     | ...   | 5     | 2     | 5     | -     | 1     | -    | 1     | 4     | 1       | 24    |  |
| Minnesota             | 3  | 209   | 3     | 4     | -   | 1     | -     | -     | 9     | ...   | 2     | 1     | 11    | 6     | 2    | -     | 3     | 1       | 10    |  |
| Mississippi           | 19   | 8     | 10    | 18    | 418 | 2     | 1     | 8     | 16    | 9     | ...   | 29    | 5     | 7     | -    | 1     | 9     | 2       | 25    |  |
| Missouri              | 28   | 228   | 1,868 | 10    | 5   | 1     | 2     | 2     | 30    | 39    | 5     | ...   | -     | 50    | 1    | 1     | 5     | 12      | 34    |  |
| Montana               | -  | 1     | 1     | -     | -   | -     | -     | 1     | -     | -     | 14    | 1     | 1     | ...   | 1    | -     | 2     | 1       | 1     |  |
| Nebraska              | 3  | 319   | 308   | 2     | 1   | -     | 1     | -     | 13    | 20    | 2     | 22    | 4     | ...   | -    | -     | 5     | 2       | 4     |  |
| Nevada                | -  | 1     | -     | -     | 2   | -     | -     | 1     | 2     | 1     | 1     | 1     | 1     | 1     | ...  | -     | -     | -       | 1     |  |
| New Hampshire         | -  | -     | -     | 1     | -   | 473   | 1     | 129   | 1     | 1     | -     | 2     | -     | -     | -    | ...   | 5     | -       | 15    |  |
| New Jersey            | 2  | -     | -     | -     | 3   | 11    | 12    | 6     | -     | 1     | 5     | -     | -     | 1     | -    | 3     | ...   | -       | 418   |  |
| New Mexico            | 12   | 17    | 19    | 5     | 12  | 3     | 2     | 11    | 23    | 10    | 1     | 5     | 29    | 1     | 12   | -     | 1     | 4       | 21    |  |
| New York              | 13   | 5     | 3     | 4     | 7   | 11    | 13    | 65    | 26    | 4     | 2     | 7     | -     | 5     | 1    | 8     | 1,444 | 3       | ...   |  |
| North Carolina        | 22   | 8     | 7     | 14    | 15  | 6     | 26    | 38    | 24    | 15    | 18    | 18    | 1     | 3     | -    | 4     | 27    | 1       | 96    |  |
| North Dakota          | 1  | 3     | -     | -     | -   | -     | -     | 1     | -     | 739   | 1     | 1     | 199   | -     | -    | -     | -     | -       | 1     |  |
| Ohio                  | 405  | 8     | 16    | 771   | -   | 1     | 8     | 9     | 507   | 10    | 5     | 9     | 1     | 2     | 2    | -     | 13    | 1       | 36    |  |
| Oklahoma              | 30   | 16    | 223   | 15    | 22  | 2     | 6     | 18    | 25    | 12    | 15    | 53    | 3     | 11    | 1    | 4     | 13    | 22      | 57    |  |
| Oregon                | 1  | 2     | 2     | 1     | 1   | -     | 1     | -     | 4     | 4     | -     | 1     | 7     | 2     | 1    | -     | 1     | -       | 2     |  |
| Pennsylvania          | 14   | 2     | 1     | 9     | -   | 2     | 666   | 14    | 15    | 9     | 2     | 6     | -     | 2     | 1    | -     | 1,999 | 3       | 455   |  |
| Rhode Island          | 6  | 6     | -     | 3     | 3   | 8     | 5     | 572   | 4     | 6     | 2     | 5     | 2     | 3     | -    | 7     | 14    | 2       | 44    |  |
| South Carolina        | 14   | 3     | 6     | 14    | 19  | 4     | 18    | 21    | 17    | 6     | 17    | 9     | 1     | 2     | -    | 2     | 21    | 3       | 45    |  |
| South Dakota          | 1  | 125   | -     | 1     | 1   | 1     | -     | 3     | 3     | 81    | 1     | 5     | 31    | 205   | -    | 2     | 3     | 1       | 4     |  |
| Tennessee             | 35   | 17    | 16    | 398   | 27  | 5     | 15    | 50    | 81    | 12    | 523   | 95    | -     | 6     | 2    | 1     | 13    | 4       | 66    |  |
| Texas                 | 7  | 7     | 12    | -     | 113 | -     | 1     | 2     | 7     | 5     | 5     | 11    | 2     | 1     | 1    | -     | 3     | 484     | 13    |  |
| Utah                  | 7  | 1     | 7     | -     | -   | -     | 1     | 3     | 4     | 2     | -     | 1     | 5     | 4     | 46   | -     | 2     | 5       | 2     |  |
| Vermont               | -</  |       |       |       |     |       |       |       |       |       |       |       |       |       |      |       |       |         |       |  |

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

| STATE OF OCCURRENCE  | BIRTHS TO NONRESIDENTS <sup>1</sup> —Continued |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |       |        | Total births to residents |
|----------------------|--|---------|-------|-------|-------|-------|-------|-------|---------|-------|-------|------|-----|-------|-------|--------|-------|--------|---------------------------|
|                      | Interstate nonresidents—Continued              |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |       |        |                           |
|                      | State of residence—Continued                   |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |       |        |                           |
|                      | N. C.  | N. Dak. | Ohio  | Okla. | Oreg. | Pa.   | R. I. | S. C. | S. Dak. | Tenn. | Tex.  | Utah | Vt. | Va.   | Wash. | W. Va. | Wis.  | Wyo.   |                           |
| UNITED STATES        | 1,749  | 957     | 3,715 | 2,067 | 1,202 | 3,078 | 770   | 1,000 | 969     | 2,107 | 2,924 | 270  | 780 | 6,317 | 1,169 | 2,256  | 1,949 | 587    | 3,535,068                 |
| Alabama              | 14   | -       | 13    | 3     | 3     | 16    | 2     | 7     | 2       | 177   | 22    | 5    | 1   | 4     | 1     | 5      | 5     | 1      | 85,372                    |
| Arizona              | 3  | 3       | 27    | 29    | 5     | 21    | 1     | 3     | 2       | 6     | 99    | 10   | 4   | 9     | 2     | 10     | 3     | 19,195 |                           |
| Arkansas             | 1  | 2       | 7     | 526   | 2     | 6     | -     | 3     | -       | 31    | 592   | 1    | -   | 1     | -     | 1      | 1     | 48,036 |                           |
| California           | 25   | 14      | 73    | 119   | 95    | 78    | 11    | 16    | 16      | 22    | 157   | 22   | 7   | 31    | 71    | 15     | 45    | 19     | 240,702                   |
| Colorado             | 8  | 8       | 21    | 32    | 11    | 26    | -     | 4     | 11      | 18    | 100   | 44   | 2   | 6     | 16    | 7      | 29    | 91     | 33,010                    |
| Connecticut          | 4  | -       | 6     | 2     | 6     | 7     | 26    | 1     | -       | -     | 2     | -    | 4   | 5     | 1     | -      | 1     | -      | 42,229                    |
| Delaware             | 2  | -       | 1     | -     | -     | 180   | 1     | -     | -       | 1     | -     | -    | -   | 3     | -     | -      | 1     | -      | 7,254                     |
| District of Columbia | 15   | 1       | 7     | 2     | -     | 33    | 3     | 6     | -       | 3     | 5     | 1    | 1   | 3,072 | 1     | 8      | 2     | -      | 20,815                    |
| Florida              | 79   | 3       | 81    | 20    | 9     | 144   | 22    | 64    | 7       | 65    | 96    | 3    | 7   | 65    | 41    | 36     | 38    | 2      | 59,600                    |
| Georgia              | 109  | -       | 11    | 2     | 1     | 11    | 2     | 340   | 1       | 94    | 14    | -    | -   | 13    | 2     | 4      | 2     | 1      | 92,694                    |
| Idaho                | 3  | 1       | -     | 2     | 95    | 1     | -     | -     | -       | 2     | 3     | 47   | -   | 1     | 262   | -      | 2     | 14     | 16,132                    |
| Illinois             | 6  | 1       | 38    | 3     | 1     | 13    | -     | 1     | 5       | 10    | 13    | 2    | -   | 3     | 3     | 4      | 263   | 1      | 184,871                   |
| Indiana              | 2  | -       | 472   | 6     | -     | 8     | -     | -     | -       | 7     | 41    | 1    | 1   | -     | -     | 1      | 3     | -      | 92,529                    |
| Iowa                 | 4  | 2       | 7     | 3     | 4     | 1     | -     | -     | 233     | 17    | 10    | 1    | -   | 2     | 3     | 2      | 148   | 3      | 60,575                    |
| Kansas               | 8  | 2       | 32    | 417   | 9     | 13    | 4     | 7     | 9       | 10    | 69    | 7    | 1   | 8     | 7     | 1      | 19    | 2      | 42,714                    |
| Kentucky             | 16   | 5       | 479   | 22    | 3     | 46    | 4     | 5     | 3       | 447   | 33    | 1    | 3   | 121   | 3     | 128    | 20    | -      | 77,176                    |
| Louisiana            | 4  | -       | 2     | 4     | 1     | 1     | -     | 3     | -       | 3     | 287   | -    | -   | 1     | 2     | 1      | 3     | 2      | 73,312                    |
| Maine                | 4  | -       | 6     | 1     | 1     | 12    | 6     | 2     | -       | 2     | -     | -    | 5   | 1     | 2     | -      | 2     | -      | 22,071                    |
| Maryland             | 40   | 1       | 45    | 9     | 8     | 364   | 11    | 17    | 4       | 18    | 26    | 5    | -   | 565   | 15    | 333    | 12    | -      | 53,423                    |
| Massachusetts        | 1  | -       | 7     | 1     | 1     | 14    | -     | -     | 2       | 2     | 3     | -    | 70  | 12    | 2     | -      | 4     | -      | 297,389                   |
| Michigan             | 2  | 2       | 118   | 2     | -     | 10    | -     | 2     | 1       | 4     | 64    | -    | -   | 4     | 5     | 3      | 522   | -      | 154,730                   |
| Minnesota            | 2  | 512     | 8     | 2     | 3     | 3     | 1     | -     | 520     | 2     | 29    | 1    | -   | 7     | 1     | 588    | 3     | -      | 72,790                    |
| Mississippi          | 28   | -       | 21    | 16    | 2     | 16    | 1     | 7     | 2       | 197   | 91    | 3    | -   | 5     | 5     | 8      | 13    | 2      | 65,303                    |
| Missouri             | 10   | 4       | 24    | 114   | 4     | 21    | -     | 5     | 4       | 21    | 56    | 4    | -   | 5     | 4     | 3      | 20    | 6      | 85,258                    |
| Montana              | -  | 62      | -     | 2     | 8     | -     | -     | -     | 9       | 2     | 11    | 2    | -   | 1     | 22    | -      | 1     | 30     | 15,035                    |
| Nbraska              | 2  | 1       | 5     | 7     | 4     | 1     | -     | 1     | 141     | 3     | 19    | 1    | -   | 3     | 4     | -      | 6     | 89     | 31,176                    |
| Nevada               | -  | -       | 3     | 3     | 4     | 1     | -     | -     | -       | -     | 2     | 17   | -   | -     | 2     | 1      | -     | -      | 3,694                     |
| New Hampshire        | -  | -       | 1     | -     | -     | 4     | 2     | -     | -       | -     | -     | -    | 561 | -     | -     | -      | 1     | -      | 12,423                    |
| New Jersey           | 4  | -       | 2     | 1     | -     | 664   | 2     | 3     | -       | 1     | 1     | 1    | 4   | -     | 1     | 1      | -     | -      | 97,580                    |
| New Mexico           | 7  | 4       | 24    | 77    | 11    | 20    | 2     | 1     | 4       | 5     | 289   | 11   | 3   | 4     | 3     | 4      | 9     | 3      | 20,519                    |
| New York             | 22   | 2       | 41    | 4     | -     | 1,066 | 21    | 8     | 1       | 10    | 14    | -    | 74  | 22    | 4     | 5      | 4     | -      | 301,966                   |
| North Carolina       | ...  | 1       | 50    | 7     | 6     | 84    | 4     | 389   | 3       | 103   | 29    | 3    | 2   | 547   | 6     | 15     | 18    | 1      | 109,430                   |
| North Dakota         | 2  | ...     | 1     | 1     | 1     | -     | -     | -     | 152     | -     | 21    | -    | -   | 1     | 7     | -      | 7     | 1      | 16,584                    |
| Ohio                 | 10   | 2       | ...   | 10    | -     | 372   | 2     | 2     | -       | 15    | 36    | 2    | -   | 15    | 1     | 1,096  | 4     | 3      | 186,353                   |
| Oklahoma             | 7  | 2       | 54    | ...   | 12    | 39    | 2     | 9     | 5       | 19    | 375   | 7    | 3   | 13    | 11    | 7      | 9     | 9      | 50,386                    |
| Oregon               | 1  | 1       | 3     | 5     | ...   | -     | 1     | 4     | 2       | 1     | 3     | 2    | -   | 1     | 557   | -      | -     | 1      | 35,206                    |
| Pennsylvania         | 9  | 1       | 426   | 3     | 1     | ...   | 5     | 11    | -       | 8     | 15    | 1    | 1   | 31    | 4     | 75     | 7     | -      | 227,227                   |
| Rhode Island         | 13   | 1       | 7     | 3     | -     | 30    | ...   | 4     | 1       | 2     | 6     | 1    | -   | 7     | 3     | 1      | 6     | 2      | 16,861                    |
| South Carolina       | 520  | 4       | 32    | 8     | 7     | 39    | 2     | ...   | 3       | 34    | 45    | 2    | 1   | 31    | 4     | 10     | 8     | -      | 57,759                    |
| South Dakota         | 1  | 247     | 3     | 3     | 1     | 3     | -     | -     | ...     | 2     | 9     | -    | -   | 3     | 1     | -      | 6     | 162    | 16,405                    |
| Tennessee            | 199  | 2       | 73    | 29    | 3     | 34    | 5     | 21    | 3       | ...   | 56    | 4    | -   | 453   | 15    | 11     | 14    | 2      | 82,127                    |
| Texas                | 2  | 1       | 11    | 495   | 3     | 7     | -     | 3     | 8       | 12    | ...   | 1    | -   | 11    | 4     | 1      | 5     | 4      | 197,750                   |
| Utah                 | 1  | -       | -     | 3     | 6     | 1     | -     | -     | 1       | -     | 4     | ...  | -   | 3     | 9     | -      | 1     | 112    | 20,714                    |
| Vermont              | -  | -       | -     | -     | -     | 2     | 2     | -     | -       | -     | -     | -    | ... | -     | -     | -      | -     | -      | 9,369                     |
| Virginia             | 544  | 8       | 64    | 23    | 13    | 172   | 15    | 42    | 5       | 701   | 92    | 12   | 4   | ...   | 33    | 452    | 31    | 3      | 62,057                    |
| Washington           | 13   | 27      | 24    | 31    | 850   | 37    | 4     | 8     | 10      | 24    | 66    | 16   | 3   | 9     | ...   | 5      | 28    | 11     | 55,833                    |
| West Virginia        | 3  | -       | 1,371 | -     | 1     | 213   | -     | -     | -       | 4     | 2     | 1    | -   | 423   | -     | ...    | 2     | 1      | 52,396                    |
| Wisconsin            | -  | 3       | 4     | 1     | 1     | 8     | -     | -     | 3       | 1     | 23    | -    | -   | 1     | 3     | 9      | ...   | 2      | 81,630                    |
| Wyoming              | 3  | 7       | 10    | 12    | 3     | 12    | -     | -     | 16      | 2     | 21    | 27   | 1   | 2     | 15    | 3      | 7     | ...    | 7,418                     |

<sup>1</sup>See discussion in text for definition of nonresident.



VITAL STATISTICS OF THE UNITED STATES

TABLE 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

| STATE OF OCCURRENCE       | STILLBIRTHS TO NONRESIDENTS <sup>1</sup> —Continued |      |       |     |     |       |     |       |       |       |       |     |       |       |      |       |       |         |       |  |
|---------------------------|---|------|-------|-----|-----|-------|-----|-------|-------|-------|-------|-----|-------|-------|------|-------|-------|---------|-------|--|
|                           | Interstate nonresidents—Continued                   |      |       |     |     |       |     |       |       |       |       |     |       |       |      |       |       |         |       |  |
|                           | State of residence—Continued                        |      |       |     |     |       |     |       |       |       |       |     |       |       |      |       |       |         |       |  |
|                           | Ind.  | Iowa | Kans. | Ky. | La. | Maine | Md. | Mass. | Mich. | Minn. | Miss. | Mo. | Mont. | Nebr. | Nev. | N. H. | N. J. | N. Mex. | N. Y. |  |
| UNITED STATES-----        | 32  | 24   | 36    | 49  | 26  | 7     | 106 | 18    | 37    | 31    | 27    | 43  | 9     | 16    | 4    | 12    | 52    | 29      | 53    |  |
| Alabama-----              | -   | -    | -     | -   | 1   | -     | -   | -     | 1     | -     | 2     | -   | -     | -     | -    | -     | -     | -       | 1     |  |
| Arizona-----              | -   | -    | -     | -   | -   | -     | -   | 1     | -     | -     | -     | -   | -     | 1     | -    | -     | -     | -       | 5     |  |
| Arkansas-----             | -   | -    | 1     | -   | -   | -     | 1   | -     | -     | -     | 2     | 10  | -     | -     | -    | -     | -     | -       | 5     |  |
| California-----           | -   | 1    | 1     | 1   | -   | -     | -   | -     | 4     | 2     | 1     | -   | -     | -     | 3    | -     | -     | -       | 5     |  |
| Colorado-----             | -   | -    | 2     | -   | -   | -     | -   | -     | -     | -     | 1     | -   | 3     | -     | -    | -     | -     | -       | 1     |  |
| Connecticut-----          | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | 7     |  |
| Delaware-----             | -   | -    | -     | -   | -   | -     | 4   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| District of Columbia----- | -   | -    | -     | -   | 2   | -     | 74  | -     | -     | -     | -     | -   | -     | -     | -    | -     | 1     | -       | -     |  |
| Florida-----              | 1   | -    | -     | -   | 1   | -     | 1   | 1     | 1     | 1     | -     | -   | 1     | 1     | -    | 1     | 1     | -       | 2     |  |
| Georgia-----              | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | 1   | -     | -     | -    | -     | -     | -       | 1     |  |
| Idaho-----                | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | 5     | -     | -    | -     | -     | -       | -     |  |
| Illinois-----             | 8   | 1    | 1     | 1   | -   | -     | -   | -     | 2     | -     | 1     | 5   | -     | -     | -    | -     | -     | -       | 1     |  |
| Indiana-----              | ...   | -    | 1     | 3   | -   | -     | 1   | -     | 4     | 2     | -     | 1   | -     | -     | -    | -     | -     | -       | -     |  |
| Iowa-----                 | 1   | ...  | -     | -   | -   | -     | -   | -     | -     | 5     | -     | -   | -     | 10    | -    | -     | -     | -       | -     |  |
| Kansas-----               | -   | 2    | ...   | -   | -   | -     | -   | -     | -     | -     | -     | 15  | -     | -     | -    | -     | -     | -       | -     |  |
| Kentucky-----             | 8   | 1    | -     | ... | -   | -     | -   | -     | 1     | -     | 1     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Louisiana-----            | -   | -    | -     | -   | ... | -     | -   | -     | -     | -     | 8     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Maine-----                | -   | -    | -     | -   | -   | ...   | -   | 3     | -     | -     | -     | -   | -     | -     | -    | 2     | -     | -       | -     |  |
| Maryland-----             | -   | -    | -     | -   | -   | ...   | -   | 1     | -     | -     | -     | -   | -     | -     | -    | -     | 1     | -       | 1     |  |
| Massachusetts-----        | -   | -    | -     | -   | -   | -     | ... | -     | -     | -     | -     | -   | -     | -     | -    | 6     | -     | -       | 6     |  |
| Michigan-----             | 5   | -    | -     | -   | -   | -     | -   | -     | ...   | -     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Minnesota-----            | -   | 1    | -     | -   | -   | -     | -   | -     | -     | ...   | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Mississippi-----          | -   | 1    | -     | -   | 17  | -     | -   | -     | -     | ...   | -     | -   | -     | -     | -    | -     | 1     | -       | -     |  |
| Missouri-----             | -   | 2    | 22    | -   | -   | -     | -   | -     | 1     | 3     | -     | ... | -     | -     | -    | -     | -     | -       | -     |  |
| Montana-----              | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | ...   | -     | -    | -     | -     | -       | -     |  |
| Nebraska-----             | -   | 6    | 3     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | ...   | -    | -     | -     | -       | -     |  |
| Nevada-----               | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | ...  | -     | -     | -       | -     |  |
| New Hampshire-----        | -   | -    | -     | -   | -   | 6     | -   | 5     | -     | -     | -     | -   | -     | -     | -    | ...   | -     | -       | -     |  |
| New Jersey-----           | -   | -    | -     | -   | -   | -     | 2   | -     | -     | -     | -     | -   | -     | -     | -    | -     | ...   | -       | 8     |  |
| New Mexico-----           | -   | 1    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | ...     | -     |  |
| New York-----             | -   | -    | -     | -   | 1   | 2     | 2   | 1     | -     | -     | -     | -   | -     | -     | -    | -     | 15    | -       | ...   |  |
| North Carolina-----       | -   | -    | -     | -   | -   | -     | -   | 1     | -     | -     | -     | -   | -     | -     | -    | -     | 2     | -       | 1     |  |
| North Dakota-----         | -   | -    | -     | -   | -   | -     | -   | -     | -     | 11    | -     | -   | 1     | -     | -    | -     | -     | -       | -     |  |
| Ohio-----                 | 6   | -    | -     | 17  | 1   | -     | 1   | -     | 12    | -     | -     | -   | -     | -     | -    | -     | -     | -       | 2     |  |
| Oklahoma-----             | -   | -    | 2     | 1   | -   | -     | 1   | -     | 2     | -     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Oregon-----               | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Pennsylvania-----         | 1   | -    | -     | 1   | -   | -     | 11  | -     | 1     | -     | -     | -   | -     | -     | -    | -     | 26    | -       | 12    |  |
| Rhode Island-----         | 1   | -    | -     | -   | -   | -     | -   | 5     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | 1     |  |
| South Carolina-----       | -   | -    | -     | -   | 1   | -     | -   | 1     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | 1     |  |
| South Dakota-----         | -   | 1    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | 1     | -     | -    | -     | -     | -       | -     |  |
| Tennessee-----            | -   | -    | -     | 13  | -   | -     | -   | -     | 2     | -     | 12    | 2   | -     | -     | -    | -     | -     | 1       | 1     |  |
| Texas-----                | -   | -    | 1     | -   | 5   | -     | -   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | 18      | -     |  |
| Utah-----                 | -   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | 1    | -     | -     | -       | -     |  |
| Vermont-----              | -   | -    | 2     | -   | -   | -     | -   | -     | -     | -     | -     | -   | -     | -     | -    | 2     | -     | -       | 3     |  |
| Virginia-----             | -   | 1    | -     | 2   | -   | -     | 2   | -     | 1     | -     | -     | -   | -     | -     | -    | -     | 3     | -       | 2     |  |
| Washington-----           | 1   | -    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | 1     | -     | -    | 1     | 1     | -       | -     |  |
| West Virginia-----        | -   | -    | -     | 10  | -   | -     | 6   | -     | -     | -     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Wisconsin-----            | -   | 5    | -     | -   | -   | -     | -   | -     | 2     | 7     | -     | -   | -     | -     | -    | -     | -     | -       | -     |  |
| Wyoming-----              | -   | 1    | -     | -   | -   | -     | -   | -     | -     | -     | -     | -   | 2     | 1     | -    | -     | -     | -       | -     |  |

<sup>1</sup>See discussion in text for definition of nonresident.

GENERAL TABLES—STILLBIRTHS

TABLE 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

(Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

| STATE OF OCCURRENCE  | STILLBIRTHS TO NONRESIDENTS <sup>1</sup> —Continued |         |      |       |       |     |       |       |         |       |      |      |     |     |       |        |      |      | Total stillbirths to residents |
|----------------------|---|---------|------|-------|-------|-----|-------|-------|---------|-------|------|------|-----|-----|-------|--------|------|------|--------------------------------|
|                      | Interstate nonresidents—Continued                   |         |      |       |       |     |       |       |         |       |      |      |     |     |       |        |      |      |                                |
|                      | State of residence—Continued                        |         |      |       |       |     |       |       |         |       |      |      |     |     |       |        |      |      |                                |
|                      | N. C.   | N. Dak. | Ohio | Okla. | Oreg. | Pa. | R. I. | S. C. | S. Dak. | Tenn. | Tex. | Utah | Vt. | Va. | Wash. | W. Va. | Wis. | Wyo. |                                |
| UNITED STATES        | 36  | 16      | 72   | 52    | 23    | 74  | 17    | 23    | 13      | 36    | 63   | 7    | 16  | 125 | 19    | 56     | 34   | 6    | 72,799                         |
| Alabama              | -   | -       | -    | -     | -     | -   | -     | -     | -       | 1     | 3    | -    | -   | -   | -     | -      | -    | -    | 2,292                          |
| Arizona              | -   | -       | -    | 2     | -     | -   | -     | -     | -       | 1     | 1    | -    | -   | -   | -     | -      | -    | -    | 337                            |
| Arkansas             | -   | -       | 1    | 15    | -     | -   | -     | -     | -       | 1     | 13   | -    | -   | 1   | -     | -      | -    | -    | 919                            |
| California           | -   | -       | 1    | 1     | 6     | 4   | -     | -     | 1       | 4     | 1    | 1    | -   | 1   | 2     | 1      | -    | -    | 3,859                          |
| Colorado             | -   | -       | 1    | -     | -     | -   | -     | -     | -       | -     | 2    | 2    | 1   | -   | -     | -      | -    | 2    | 554                            |
| Connecticut          | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 608                            |
| Delaware             | -   | -       | -    | -     | -     | 7   | -     | -     | -       | -     | -    | -    | -   | 1   | 1     | -      | -    | -    | 188                            |
| District of Columbia | 1   | -       | -    | -     | -     | 1   | -     | -     | -       | -     | 1    | -    | -   | 67  | -     | -      | -    | -    | 438                            |
| Florida              | -   | -       | 2    | 2     | -     | 1   | -     | 1     | 1       | -     | 1    | -    | -   | 1   | -     | -      | 1    | -    | 1,480                          |
| Georgia              | 4   | -       | -    | -     | -     | -   | -     | 13    | 5       | 1     | -    | -    | -   | -   | -     | -      | -    | -    | 2,422                          |
| Idaho                | -   | -       | -    | -     | 1     | -   | -     | -     | -       | -     | -    | 1    | -   | -   | 4     | -      | -    | -    | 225                            |
| Illinois             | -   | -       | 1    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | 8    | -    | 3,284                          |
| Indiana              | -   | -       | 7    | -     | -     | 1   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 1,515                          |
| Iowa                 | -   | -       | -    | -     | -     | 1   | -     | -     | 1       | -     | 2    | -    | -   | -   | -     | -      | 5    | -    | 898                            |
| Kansas               | -   | -       | -    | 13    | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 662                            |
| Kentucky             | -   | -       | 8    | 1     | -     | -   | -     | -     | -       | 11    | 2    | -    | -   | 6   | -     | 5      | -    | -    | 1,465                          |
| Louisiana            | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | 9    | -    | -   | -   | -     | -      | -    | -    | 1,872                          |
| Maine                | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 367                            |
| Maryland             | 1   | -       | -    | -     | -     | 3   | -     | -     | 1       | -     | -    | -    | 10  | -   | 11    | -      | -    | -    | 1,204                          |
| Massachusetts        | -   | -       | -    | -     | -     | -   | 16    | -     | -       | -     | -    | 1    | -   | -   | -     | -      | -    | -    | 1,857                          |
| Michigan             | -   | -       | 6    | -     | -     | -   | -     | 1     | -       | -     | 2    | -    | -   | -   | -     | -      | 6    | -    | 3,090                          |
| Minnesota            | -   | 9       | -    | -     | -     | -   | -     | 4     | -       | -     | -    | -    | -   | -   | 1     | -      | 11   | -    | 1,291                          |
| Mississippi          | -   | -       | -    | -     | -     | -   | -     | -     | 4       | 1     | -    | -    | -   | -   | -     | -      | -    | -    | 1,991                          |
| Missouri             | -   | -       | 1    | 2     | -     | 1   | 1     | -     | 1       | -     | -    | -    | -   | 1   | -     | -      | -    | -    | 1,785                          |
| Montana              | -   | -       | -    | -     | -     | -   | -     | 1     | -       | 2     | -    | -    | -   | -   | -     | -      | -    | -    | 236                            |
| Nebraska             | -   | -       | -    | 1     | -     | -   | -     | 2     | -       | 1     | -    | -    | -   | -   | -     | -      | -    | 1    | 525                            |
| Nevada               | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | 1    | -    | -   | -   | -     | -      | -    | -    | 72                             |
| New Hampshire        | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | -    | 11   | -   | -   | -     | -      | -    | -    | 252                            |
| New Jersey           | -   | -       | -    | -     | -     | 11  | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 1,907                          |
| New Mexico           | 1   | 1       | -    | 1     | 1     | 1   | -     | -     | -       | 7     | -    | -    | -   | -   | 1     | -      | -    | -    | 425                            |
| New York             | -   | -       | 2    | -     | -     | 31  | -     | -     | -       | 1     | -    | 2    | 1   | 1   | 1     | -      | -    | -    | 7,603                          |
| North Carolina       | -   | -       | -    | -     | -     | 1   | -     | 9     | 2       | 1     | -    | -    | 18  | 1   | -     | 1      | -    | -    | 2,854                          |
| North Dakota         | -   | -       | -    | -     | -     | -   | -     | 2     | -       | 1     | -    | -    | -   | -   | -     | -      | -    | -    | 237                            |
| Ohio                 | -   | -       | -    | -     | 8     | -   | -     | -     | -       | 1     | -    | -    | -   | -   | 21    | -      | -    | -    | 3,718                          |
| Oklahoma             | -   | -       | -    | -     | 4     | -   | -     | -     | -       | 5     | -    | -    | -   | -   | -     | -      | -    | -    | 948                            |
| Oregon               | -   | -       | 1    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | 9   | -     | -      | -    | -    | 527                            |
| Pennsylvania         | -   | -       | 7    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 4,589                          |
| Rhode Island         | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 292                            |
| South Carolina       | 15  | -       | -    | -     | 1     | 1   | -     | -     | -       | -     | -    | -    | -   | -   | 1     | -      | -    | -    | 1,631                          |
| South Dakota         | -   | 6       | -    | -     | -     | -   | -     | -     | -       | 1     | -    | -    | -   | -   | -     | -      | -    | 3    | 218                            |
| Tennessee            | 8   | -       | 2    | 1     | -     | -   | -     | -     | -       | 1     | -    | -    | 9   | -   | 1     | -      | -    | -    | 1,755                          |
| Texas                | -   | -       | -    | 13    | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 4,412                          |
| Utah                 | -   | -       | 1    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | 2    | 298                            |
| Vermont              | -   | -       | -    | -     | -     | -   | -     | -     | -       | -     | -    | -    | -   | -   | -     | -      | -    | -    | 175                            |
| Virginia             | 8   | -       | 3    | -     | -     | -   | -     | -     | 8       | -     | -    | 1    | -   | 1   | 12    | 2      | -    | -    | 2,150                          |
| Washington           | -   | -       | 1    | -     | 14    | -   | -     | -     | -       | -     | 1    | -    | -   | -   | -     | -      | -    | -    | 786                            |
| West Virginia        | -   | -       | 26   | -     | -     | 3   | -     | -     | -       | -     | -    | -    | 10  | -   | -     | -      | -    | -    | 1,344                          |
| Wisconsin            | -   | -       | -    | -     | -     | 1   | -     | -     | -       | 2     | -    | -    | -   | -   | 1     | -      | -    | -    | 1,365                          |
| Wyoming              | -   | -       | 1    | -     | -     | -   | -     | -     | -       | 1     | -    | -    | -   | -   | -     | -      | -    | -    | 124                            |

<sup>1</sup>See discussion in text for definition of nonresident.

VITAL STATISTICS OF THE UNITED STATES

TABLE 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE:

UNITED STATES AND EACH STATE, 1948

(Exclusive of stillbirths and of deaths among armed forces overseas)

| STATE OF OCCURRENCE       | Total deaths occurring in State | Deaths of residents occurring in place of residence | DEATHS OF NONRESIDENTS <sup>1</sup> |                           |                         |                    |       |      |        |       |       |      |       |      |     |       |       |
|---------------------------|---------------------------------|---|-------------------------------------|---------------------------|-------------------------|--------------------|-------|------|--------|-------|-------|------|-------|------|-----|-------|-------|
|                           |                                 |   | Total                               | Intra-state non-residents | Interstate nonresidents |                    |       |      |        |       |       |      |       |      |     |       |       |
|                           |                                 |   |                                     |                           | Total                   | State of residence |       |      |        |       |       |      |       |      |     |       |       |
|                           |                                 |   |                                     |                           |                         | Ala.               | Ariz. | Ark. | Calif. | Colo. | Conn. | Del. | D. C. | Fla. | Ga. | Idaho | Ill.  |
| UNITED STATES-----        | 1,444,337                       | 1,174,852   | 269,485                             | 230,521                   | 39,864                  | 731                | 282   | 850  | 1,161  | 353   | 580   | 125  | 811   | 859  | 748 | 379   | 2,837 |
| Alabama-----              | 26,356                          | 21,481  | 4,875                               | 4,408                     | 467                     | ...                | 1     | 2    | 2      | 1     | 1     | -    | 1     | 108  | 116 | -     | 16    |
| Arizona-----              | 7,122                           | 5,465   | 1,657                               | 859                       | 798                     | 4                  | ...   | 14   | 113    | 24    | 6     | 1    | -     | 8    | -   | -     | 72    |
| Arkansas-----             | 14,954                          | 12,029  | 2,925                               | 2,345                     | 580                     | 5                  | -     | ...  | 17     | 3     | 2     | -    | 1     | 4    | 2   | 1     | 18    |
| California-----           | 99,320                          | 78,253  | 21,067                              | 19,491                    | 1,576                   | 7                  | 106   | 22   | ...    | 50    | 10    | 1    | 9     | 10   | 6   | 29    | 119   |
| Colorado-----             | 12,824                          | 10,354  | 2,470                               | 1,875                     | 595                     | 2                  | 5     | 6    | 43     | ...   | 3     | -    | 2     | 4    | 3   | 3     | 32    |
| Connecticut-----          | 19,419                          | 16,079  | 3,340                               | 2,910                     | 430                     | 4                  | -     | 2    | 2      | -     | ...   | -    | 2     | 11   | 1   | -     | 1     |
| Delaware-----             | 3,466                           | 2,803   | 663                                 | 479                       | 184                     | -                  | -     | 2    | -      | 1     | 4     | ...  | 2     | 3    | 2   | -     | 1     |
| District of Columbia----- | 8,388                           | 7,386   | 1,002                               | ...                       | 1,002                   | 6                  | -     | 2    | 4      | 3     | 2     | 3    | ...   | 4    | 12  | -     | 6     |
| Florida-----              | 25,881                          | 19,624  | 6,257                               | 4,284                     | 1,973                   | 80                 | 1     | 1    | 20     | 2     | 42    | 2    | 24    | ...  | 186 | 1     | 150   |
| Georgia-----              | 29,584                          | 24,024  | 5,560                               | 4,754                     | 806                     | 215                | -     | 3    | 4      | -     | 6     | -    | 5     | 204  | ... | -     | 10    |
| Idaho-----                | 4,783                           | 3,832   | 951                                 | 695                       | 256                     | -                  | 2     | -    | 18     | 9     | -     | -    | -     | -    | -   | ...   | 1     |
| Illinois-----             | 89,808                          | 75,250  | 14,558                              | 13,221                    | 1,437                   | 3                  | 8     | 10   | 50     | 7     | 4     | -    | 7     | 16   | 7   | 2     | ...   |
| Indiana-----              | 39,372                          | 32,013  | 7,359                               | 6,327                     | 1,032                   | 5                  | 4     | 5    | 10     | 2     | 1     | -    | 1     | 10   | 4   | -     | 407   |
| Iowa-----                 | 26,150                          | 20,400  | 5,750                               | 4,883                     | 867                     | 1                  | 1     | 3    | 20     | 9     | -     | -    | 1     | 2    | -   | 1     | 291   |
| Kansas-----               | 18,648                          | 15,232  | 3,416                               | 2,518                     | 898                     | 2                  | 7     | 19   | 24     | 40    | -     | -    | -     | 3    | 1   | 4     | 21    |
| Kentucky-----             | 27,753                          | 22,705  | 5,048                               | 4,293                     | 755                     | 6                  | 3     | 6    | 3      | 3     | -     | 1    | -     | 12   | 11  | -     | 58    |
| Louisiana-----            | 23,894                          | 18,699  | 5,195                               | 4,538                     | 659                     | 31                 | -     | 78   | 10     | -     | 1     | -    | 1     | 26   | 5   | -     | 16    |
| Maine-----                | 9,881                           | 7,778   | 2,203                               | 1,838                     | 287                     | -                  | 1     | -    | -      | 1     | 18    | -    | 2     | 3    | 1   | -     | 3     |
| Maryland-----             | 22,904                          | 19,360  | 4,524                               | 3,139                     | 1,385                   | 7                  | -     | 2    | 10     | 1     | 13    | 37   | 533   | 31   | 16  | -     | 12    |
| Massachusetts-----        | 52,712                          | 45,391  | 7,321                               | 6,319                     | 1,002                   | 1                  | -     | 1    | 16     | 1     | 149   | 1    | 12    | 19   | 2   | -     | 6     |
| Michigan-----             | 56,551                          | 46,541  | 10,010                              | 9,223                     | 787                     | 3                  | 2     | 8    | 20     | 3     | 1     | -    | 2     | 18   | 5   | -     | 143   |
| Minnesota-----            | 27,858                          | 21,654  | 6,204                               | 5,029                     | 1,175                   | 1                  | 4     | 6    | 34     | 6     | 1     | -    | 1     | 11   | 5   | 2     | 82    |
| Mississippi-----          | 20,043                          | 16,649  | 3,394                               | 2,965                     | 429                     | 116                | 1     | 22   | 3      | -     | 1     | -    | 3     | 7    | 7   | -     | 17    |
| Missouri-----             | 42,892                          | 35,432  | 7,460                               | 5,890                     | 1,570                   | 3                  | 6     | 86   | 45     | 13    | -     | -    | 3     | 4    | 5   | 4     | 644   |
| Montana-----              | 5,849                           | 4,634   | 1,215                               | 1,004                     | 211                     | 1                  | 1     | -    | 13     | 3     | -     | -    | -     | -    | -   | 11    | 5     |
| Nebraska-----             | 12,541                          | 10,117  | 2,424                               | 1,989                     | 436                     | -                  | 1     | 2    | 19     | 16    | -     | -    | -     | -    | -   | 7     | 10    |
| Nevada-----               | 1,680                           | 1,304   | 376                                 | 191                       | 165                     | -                  | -     | 1    | 112    | 4     | -     | -    | -     | -    | -   | 5     | 4     |
| New Hampshire-----        | 6,197                           | 5,092   | 1,105                               | 709                       | 396                     | 1                  | -     | 1    | 1      | -     | 6     | -    | 3     | 4    | -   | -     | 1     |
| New Jersey-----           | 47,512                          | 36,357  | 11,155                              | 9,801                     | 1,354                   | 3                  | -     | 1    | 13     | -     | 19    | 14   | 8     | 36   | 8   | -     | 8     |
| New Mexico-----           | 5,711                           | 4,292   | 1,419                               | 888                       | 531                     | 3                  | 54    | 6    | 60     | 51    | 3     | -    | -     | 2    | 2   | 3     | 22    |
| New York-----             | 157,766                         | 137,313   | 20,453                              | 18,373                    | 2,080                   | 9                  | 2     | 3    | 38     | 1     | 193   | 4    | 20    | 65   | 15  | -     | 35    |
| North Carolina-----       | 30,147                          | 23,493  | 6,654                               | 5,965                     | 689                     | 13                 | 1     | 2    | 3      | 1     | 4     | -    | 12    | 66   | 52  | -     | 5     |
| North Dakota-----         | 5,045                           | 3,650   | 1,395                               | 1,130                     | 265                     | -                  | -     | -    | 3      | 2     | -     | -    | -     | -    | -   | 2     | 4     |
| Ohio-----                 | 80,566                          | 69,317  | 12,249                              | 10,831                    | 1,418                   | 5                  | -     | 4    | 26     | -     | 4     | 2    | 6     | 33   | 6   | -     | 46    |
| Oklahoma-----             | 19,581                          | 15,223  | 3,358                               | 2,946                     | 422                     | 1                  | 3     | 40   | 23     | 7     | -     | -    | 1     | 2    | 1   | 1     | 14    |
| Oregon-----               | 14,191                          | 12,036  | 2,155                               | 1,617                     | 538                     | -                  | 1     | -    | 115    | 5     | -     | -    | -     | -    | 1   | 70    | 12    |
| Pennsylvania-----         | 108,888                         | 85,632  | 23,256                              | 21,489                    | 1,787                   | 4                  | 2     | 2    | 21     | 2     | 12    | 51   | 25    | 28   | 5   | -     | 31    |
| Rhode Island-----         | 8,125                           | 6,592   | 1,533                               | 1,294                     | 239                     | -                  | -     | 1    | 2      | -     | 50    | -    | -     | 2    | 1   | -     | 2     |
| South Carolina-----       | 17,917                          | 13,785  | 4,132                               | 3,744                     | 388                     | 5                  | -     | -    | 1      | -     | 2     | -    | 5     | 15   | 77  | -     | 4     |
| South Dakota-----         | 5,711                           | 4,186   | 1,525                               | 1,252                     | 273                     | -                  | -     | 1    | 5      | 4     | -     | -    | 1     | 1    | -   | 4     | 9     |
| Tennessee-----            | 29,774                          | 23,861  | 5,913                               | 4,254                     | 1,659                   | 155                | -     | 405  | 10     | 1     | 4     | -    | 3     | 36   | 155 | -     | 36    |
| Texas-----                | 64,077                          | 53,173  | 10,904                              | 9,925                     | 979                     | 17                 | 19    | 72   | 65     | 8     | 2     | -    | 4     | 7    | 7   | 1     | 37    |
| Utah-----                 | 5,193                           | 3,918   | 1,275                               | 892                       | 283                     | 2                  | 11    | 2    | 40     | 18    | -     | -    | -     | 1    | -   | 76    | 7     |
| Vermont-----              | 4,045                           | 3,083   | 962                                 | 771                       | 191                     | -                  | -     | -    | -      | -     | 10    | -    | 1     | 6    | -   | -     | -     |
| Virginia-----             | 28,907                          | 23,307  | 5,600                               | 4,555                     | 1,045                   | 4                  | 1     | 1    | 9      | 1     | 5     | 7    | 89    | 21   | 10  | -     | 13    |
| Washington-----           | 22,294                          | 18,871  | 3,423                               | 2,787                     | 636                     | -                  | 1     | 4    | 78     | 5     | 1     | -    | 1     | 1    | 3   | 138   | 21    |
| West Virginia-----        | 17,751                          | 13,284  | 4,467                               | 3,560                     | 907                     | 1                  | -     | 2    | 2      | -     | -     | 1    | 20    | 5    | 3   | -     | 5     |
| Wisconsin-----            | 32,703                          | 23,924  | 8,779                               | 7,891                     | 888                     | 3                  | 2     | -    | 12     | 3     | -     | -    | -     | 8    | 3   | 1     | 392   |
| Wyoming-----              | 2,393                           | 1,954   | 439                                 | 205                       | 234                     | 3                  | 5     | 1    | 24     | 42    | -     | -    | -     | 1    | -   | 5     | 8     |

<sup>1</sup>See discussion in text for definition of nonresident.

# GENERAL TABLES—TOTAL DEATHS

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**TABLE 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE:  
UNITED STATES AND EACH STATE, 1948—Continued**

(Exclusive of stillbirths and of deaths among armed forces overseas)

| STATE OF OCCURRENCE  | DEATHS OF NONRESIDENTS <sup>1</sup> —Continued |      |       |       |     |       |     |       |       |       |       |       |       |       |      |       |       |         |       |
|----------------------|--|------|-------|-------|-----|-------|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|---------|-------|
|                      | Interstate nonresidents—Continued              |      |       |       |     |       |     |       |       |       |       |       |       |       |      |       |       |         |       |
|                      | State of residence—Continued                   |      |       |       |     |       |     |       |       |       |       |       |       |       |      |       |       |         |       |
|                      | Ind.   | Iowa | Kans. | Ky.   | La. | Maine | Md. | Mass. | Mich. | Minn. | Miss. | Mo.   | Mont. | Nebr. | Nev. | N. H. | N. J. | N. Mex. | N. Y. |
| UNITED STATES        | 1,204  | 781  | 803   | 1,052 | 326 | 244   | 921 | 901   | 1,022 | 717   | 692   | 1,430 | 246   | 510   | 129  | 571   | 1,818 | 429     | 2,556 |
| Alabama              | 3  | 2    | -     | 10    | 11  | -     | -   | 1     | 14    | -     | 69    | 7     | -     | 1     | -    | -     | 1     | -       | 6     |
| Arizona              | 16   | 18   | 13    | 5     | 6   | -     | 3   | 8     | 33    | 19    | 5     | 21    | 8     | 5     | 3    | -     | 8     | 116     | 36    |
| Arkansas             | 7  | 6    | 18    | 6     | 22  | -     | -   | -     | 8     | 3     | 15    | 117   | -     | 4     | -    | -     | -     | 2       | 10    |
| California           | 25   | 48   | 43    | 9     | 17  | 6     | 5   | 18    | 51    | 43    | 6     | 56    | 24    | 38    | 83   | -     | 19    | 28      | 99    |
| Colorado             | 2  | 17   | 72    | 2     | 2   | -     | -   | 3     | 4     | 4     | 1     | 27    | 5     | 78    | 2    | -     | 1     | 64      | 17    |
| Connecticut          | 1  | -    | -     | -     | 14  | 5     | 92  | 1     | 1     | -     | -     | 1     | -     | -     | -    | 5     | 17    | -       | 220   |
| Delaware             | 1  | -    | -     | 1     | 1   | -     | 57  | 1     | -     | -     | -     | -     | -     | -     | -    | -     | 27    | -       | 11    |
| District of Columbia | 3  | 2    | -     | 6     | 2   | -     | 446 | 3     | 5     | 3     | 1     | 4     | 1     | -     | -    | -     | 6     | 1       | 30    |
| Florida              | 60   | 10   | 4     | 27    | 7   | 16    | 35  | 98    | 130   | 9     | 9     | 21    | 1     | 1     | -    | 8     | 106   | -       | 415   |
| Georgia              | 5  | -    | 2     | 6     | 6   | 1     | 3   | 5     | 11    | 3     | 6     | 1     | -     | 2     | -    | -     | 4     | -       | 18    |
| Idaho                | 1  | 1    | 4     | -     | -   | -     | -   | -     | 2     | 1     | -     | 2     | 15    | 5     | 2    | -     | -     | 4       | 3     |
| Illinois             | 396  | 95   | 16    | 68    | 8   | 1     | -   | 7     | 111   | 30    | 6     | 227   | 3     | 13    | -    | 1     | 7     | 3       | 39    |
| Indiana              | ...  | 10   | 1     | 142   | 1   | -     | 2   | 3     | 121   | 4     | 3     | 14    | 1     | 1     | -    | 1     | 5     | 1       | 21    |
| Iowa                 | 14   | ...  | 17    | -     | 1   | -     | 2   | 3     | 7     | 62    | 2     | 117   | 1     | 145   | -    | -     | 3     | 1       | 6     |
| Kansas               | 6  | 14   | ...   | 4     | 1   | -     | -   | -     | 8     | 2     | 1     | 478   | 1     | 44    | -    | -     | -     | 5       | 3     |
| Kentucky             | 195  | 2    | 3     | ...   | -   | -     | 2   | 6     | 18    | 2     | 5     | 2     | -     | 2     | 1    | -     | 6     | 2       | 5     |
| Louisiana            | 2  | 2    | 4     | 4     | ... | -     | 2   | 5     | 5     | 1     | 135   | 10    | -     | 1     | -    | -     | -     | 2       | 11    |
| Maine                | 1  | -    | -     | -     | 1   | -     | 1   | 81    | 1     | -     | -     | -     | -     | -     | 71   | 16    | -     | -       | 31    |
| Maryland             | 4  | 1    | 4     | 8     | 6   | 4     | ... | 8     | 4     | 2     | 2     | 4     | 1     | 1     | -    | -     | 31    | -       | 79    |
| Massachusetts        | 5  | 1    | 2     | 4     | -   | 104   | 4   | ...   | 6     | 4     | 1     | 3     | -     | -     | 170  | 30    | 1     | -       | 147   |
| Michigan             | 96   | 5    | 4     | 11    | 1   | -     | 6   | 6     | ...   | 17    | 1     | 14    | -     | 5     | -    | -     | 6     | -       | 33    |
| Minnesota            | 21   | 190  | 19    | 3     | 3   | 1     | -   | 3     | 36    | ...   | 3     | 18    | 29    | 28    | -    | -     | 5     | 2       | 11    |
| Mississippi          | 5  | 3    | 2     | 3     | 118 | -     | 1   | 1     | 1     | ...   | 3     | 3     | 1     | -     | -    | -     | 1     | -       | 4     |
| Missouri             | 28   | 72   | 345   | 18    | 4   | -     | 1   | 5     | 13    | 8     | 6     | ...   | 7     | 24    | -    | 1     | 6     | 3       | 26    |
| Montana              | -  | 5    | 1     | -     | 1   | -     | -   | 1     | 3     | 20    | -     | 6     | ...   | 7     | 1    | -     | -     | -       | 1     |
| Nebraska             | 1  | 130  | 83    | -     | 1   | -     | 2   | -     | 3     | 11    | 1     | 24    | 3     | ...   | 1    | -     | -     | 1       | 4     |
| Nevada               | 1  | -    | 1     | -     | -   | -     | -   | 2     | 1     | 1     | 1     | 2     | 1     | 1     | ...  | -     | -     | -       | 7     |
| New Hampshire        | 1  | 1    | -     | 1     | -   | 55    | 2   | 164   | -     | -     | -     | -     | -     | -     | ...  | 7     | -     | -       | 20    |
| New Jersey           | 4  | 2    | 3     | 1     | -   | 6     | 27  | 24    | 7     | 4     | 1     | 3     | -     | 1     | 3    | ...   | -     | -       | 583   |
| New Mexico           | 8  | 6    | 10    | 2     | -   | -     | 3   | 5     | 7     | 9     | 2     | 12    | 2     | 2     | 1    | -     | -     | 2       | 11    |
| New York             | 9  | 7    | 1     | 3     | 7   | 20    | 25  | 121   | 34    | 2     | 1     | 14    | 2     | 2     | 2    | 14    | 785   | 3       | ...   |
| North Carolina       | 2  | -    | -     | 6     | 2   | 1     | 13  | 9     | 11    | 1     | 3     | 2     | 2     | -     | -    | -     | 14    | 1       | 42    |
| North Dakota         | 1  | 6    | -     | -     | -   | -     | -   | -     | -     | 153   | -     | -     | 30    | 1     | -    | -     | -     | -       | 3     |
| Ohio                 | 192  | 6    | 5     | 289   | 1   | -     | 10  | 9     | 174   | 3     | 3     | 11    | 1     | 1     | -    | 1     | 11    | 2       | 54    |
| Oklahoma             | 5  | 2    | 70    | 4     | 1   | -     | -   | 1     | 4     | 8     | -     | 50    | -     | 5     | -    | -     | 1     | 8       | 10    |
| Oregon               | 3  | 5    | 2     | 1     | -   | 1     | 1   | 1     | 2     | 7     | 1     | 8     | 10    | 10    | 2    | 1     | -     | -       | 2     |
| Pennsylvania         | 16   | 2    | 1     | 4     | -   | 2     | 94  | 16    | 35    | 4     | 1     | 2     | 1     | 3     | -    | 2     | 728   | 2       | 319   |
| Rhode Island         | 1  | -    | -     | 1     | -   | 2     | 1   | 130   | 1     | 1     | 1     | 1     | -     | -     | -    | 3     | 4     | -       | 23    |
| South Carolina       | 1  | -    | -     | 2     | 1   | -     | 7   | 6     | 2     | 1     | 2     | 5     | -     | -     | -    | 1     | 10    | -       | 27    |
| South Dakota         | -  | 34   | 8     | -     | -   | -     | -   | -     | -     | 52    | -     | 5     | 7     | 40    | -    | -     | -     | 1       | 1     |
| Tennessee            | 17   | 7    | 1     | 184   | 8   | -     | 1   | 4     | 11    | 2     | 307   | 67    | -     | -     | -    | -     | 4     | -       | 13    |
| Texas                | 8  | 8    | 22    | 6     | 75  | 1     | 6   | 5     | 13    | 9     | 18    | 29    | 5     | 7     | -    | -     | 6     | 160     | 25    |
| Utah                 | 1  | 1    | 7     | -     | -   | -     | 1   | -     | 3     | 4     | 2     | 5     | 1     | 3     | 23   | -     | -     | 5       | 4     |
| Vermont              | -  | -    | -     | -     | -   | 5     | 1   | 30    | -     | -     |       |       |       |       |      |       |       |         |       |

VITAL STATISTICS OF THE UNITED STATES

TABLE 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1948—Continued

(Exclusive of stillbirths and of deaths among armed forces overseas)

| STATE OF OCCURRENCE  | DEATHS OF NONRESIDENTS <sup>1</sup> —Continued |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |      |      | Total deaths of residents |
|----------------------|--|---------|-------|-------|-------|-------|-------|-------|---------|-------|-------|------|-----|-------|-------|--------|------|------|---------------------------|
|                      | Interstate Nonresidents—Continued              |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |      |      |                           |
|                      | State of residence—Continued                   |         |       |       |       |       |       |       |         |       |       |      |     |       |       |        |      |      |                           |
|                      | N. C.  | N. Dak. | Ohio  | Okla. | Oreg. | Pa.   | R. I. | S. C. | S. Dak. | Tenn. | Tex.  | Utah | Vt. | Va.   | Wash. | W. Va. | Wis. | Wyo. |                           |
| UNITED STATES        | 703  | 386     | 1,743 | 910   | 427   | 2,101 | 302   | 428   | 368     | 711   | 1,147 | 160  | 242 | 1,114 | 553   | 756    | 749  | 226  | 1,444,337                 |
| Alabama              | 2  | -       | 8     | 2     | 2     | 3     | -     | 5     | -       | 49    | 12    | -    | -   | 5     | -     | 4      | 1    | 1    | 26,620                    |
| Arizona              | 1  | 4       | 40    | 34    | 9     | 23    | 1     | -     | 2       | 7     | 67    | 8    | -   | 3     | 9     | 3      | 11   | 2    | 6,586                     |
| Arkansas             | 1  | -       | 12    | 120   | 1     | 4     | -     | -     | -       | 40    | 125   | -    | -   | 1     | 2     | -      | 4    | -    | 15,224                    |
| California           | 4  | 15      | 56    | 49    | 113   | 49    | 7     | 3     | 11      | 8     | 85    | 39   | -   | 11    | 99    | 6      | 27   | 5    | 98,905                    |
| Colorado             | 1  | 1       | 8     | 25    | 2     | 14    | -     | 1     | 9       | 4     | 34    | 25   | 2   | 2     | 6     | 1      | 2    | 54   | 12,582                    |
| Connecticut          | -  | -       | 6     | -     | -     | 14    | 16    | 3     | -       | 1     | 1     | -    | 5   | 4     | -     | 1      | -    | -    | 19,569                    |
| Delaware             | 3  | -       | 1     | -     | -     | 63    | -     | -     | -       | -     | -     | -    | -   | 3     | -     | -      | -    | -    | 3,407                     |
| District of Columbia | 14   | -       | 9     | 2     | -     | 54    | 1     | 3     | -       | 5     | 6     | -    | -   | 359   | 2     | 9      | 3    | -    | 8,197                     |
| Florida              | 32   | 1       | 161   | 5     | 5     | 136   | 21    | 21    | 3       | 26    | 9     | 1    | 8   | 36    | 1     | 21     | 24   | -    | 24,767                    |
| Georgia              | 39   | -       | 19    | -     | 1     | 13    | -     | 150   | -       | 44    | 7     | -    | -   | 9     | 1     | 2      | 1    | -    | 29,526                    |
| Iaho                 | -  | 4       | 1     | 3     | 39    | 2     | -     | -     | -       | 3     | 2     | 35   | 1   | -     | 89    | -      | -    | 1    | 4,906                     |
| Illinois             | 5  | 3       | 52    | 8     | 2     | 27    | 2     | 2     | 6       | 20    | 23    | -    | -   | 4     | 4     | 4      | 129  | 1    | 91,328                    |
| Indiana              | 3  | 1       | 188   | 1     | 1     | 11    | -     | -     | -       | 11    | 12    | -    | -   | 7     | -     | 2      | 14   | 1    | 39,544                    |
| Iowa                 | 1  | 6       | 6     | 2     | 2     | 2     | -     | 1     | 56      | 2     | 9     | 2    | -   | 1     | 5     | -      | 60   | 2    | 26,064                    |
| Kansas               | -  | -       | 3     | 157   | 4     | 2     | -     | -     | 1       | 1     | 28    | -    | -   | 1     | 4     | -      | 2    | 3    | 18,553                    |
| Kentucky             | 4  | -       | 155   | 5     | -     | 8     | 1     | -     | -       | 160   | 7     | -    | -   | 27    | 1     | 31     | 2    | 1    | 28,050                    |
| Louisiana            | 3  | -       | 5     | 11    | -     | 3     | 1     | 1     | -       | 11    | 210   | -    | 1   | -     | -     | -      | 1    | 1    | 23,581                    |
| Maine                | 1  | -       | 4     | -     | -     | 9     | 6     | -     | -       | -     | 4     | -    | 8   | -     | 1     | -      | 1    | -    | 9,958                     |
| Maryland             | 24   | -       | 29    | -     | 1     | 190   | 1     | 16    | -       | 4     | 14    | -    | -   | 141   | -     | 134    | 2    | -    | 22,440                    |
| Massachusetts        | 4  | 1       | 11    | 1     | 1     | 30    | 199   | 1     | -       | 7     | 5     | -    | 36  | 5     | 2     | 3      | 3    | -    | 52,811                    |
| Michigan             | 3  | 2       | 160   | 4     | 2     | 30    | 1     | 2     | 4       | 7     | 21    | -    | 1   | 2     | 4     | 4      | 129  | 1    | 56,785                    |
| Minnesota            | -  | 186     | 15    | 9     | 3     | 10    | -     | -     | 129     | 4     | 19    | 2    | -   | 2     | 16    | 2      | 244  | 9    | 27,400                    |
| Mississippi          | 3  | -       | 4     | 5     | -     | 4     | -     | 2     | -       | 67    | 21    | -    | -   | 2     | -     | -      | -    | -    | 20,296                    |
| Missouri             | 4  | 1       | 18    | 87    | -     | 8     | -     | -     | 5       | 19    | 23    | 1    | -   | 6     | 6     | 5      | 7    | -    | 42,752                    |
| Montana              | 1  | 52      | 3     | 2     | 9     | 1     | -     | -     | 9       | 1     | 10    | 2    | -   | -     | 23    | 1      | 9    | 28   | 5,884                     |
| Nebraska             | -  | 4       | 1     | 5     | 3     | 1     | -     | -     | 64      | 2     | 9     | 1    | -   | 2     | 1     | 2      | 2    | 19   | 12,615                    |
| Nevada               | -  | 1       | -     | -     | 6     | 3     | -     | -     | 2       | -     | 3     | 13   | -   | -     | 4     | -      | -    | 2    | 1,624                     |
| New Hampshire        | 1  | -       | 2     | -     | 1     | 5     | 5     | -     | -       | -     | 1     | -    | 113 | -     | -     | -      | -    | -    | 6,172                     |
| New Jersey           | 7  | -       | 13    | -     | -     | 514   | 7     | 5     | -       | -     | 4     | -    | 2   | 15    | 2     | 5      | 1    | -    | 48,076                    |
| New Mexico           | -  | -       | 10    | 50    | 3     | 12    | 1     | -     | 2       | 8     | 142   | 2    | 1   | 5     | 1     | 1      | 3    | 3    | 5,609                     |
| New York             | 21   | -       | 53    | 4     | -     | 425   | 16    | 13    | 1       | 4     | 14    | 1    | 51  | 23    | 10    | 5      | 2    | -    | 159,242                   |
| North Carolina       | ...  | -       | 15    | 1     | 1     | 18    | -     | 160   | 1       | 41    | 7     | -    | 1   | 168   | -     | 7      | 1    | -    | 30,161                    |
| North Dakota         | 1  | ...     | 1     | 3     | 5     | 3     | -     | -     | 30      | -     | 2     | -    | -   | 6     | -     | 8      | -    | -    | 5,148                     |
| Ohio                 | 5  | 1       | ...   | 5     | 2     | 216   | -     | 1     | 1       | 10    | 12    | -    | 5   | 12    | 2     | 235    | 6    | -    | 80,891                    |
| Oklahoma             | 1  | 3       | 14    | ...   | 3     | 9     | 1     | -     | 6       | 2     | 115   | 1    | -   | 1     | 1     | -      | 2    | 1    | 19,079                    |
| Oregon               | -  | 7       | 9     | 4     | ...   | 1     | -     | 1     | -       | -     | 5     | 3    | 1   | -     | 237   | 1      | 2    | 5    | 14,080                    |
| Pennsylvania         | 13   | -       | 215   | 1     | 2     | ...   | 6     | 8     | 1       | 1     | 5     | 1    | 1   | 17    | -     | 87     | 6    | -    | 109,202                   |
| Rhode Island         | -  | -       | 2     | 1     | -     | 6     | ...   | -     | -       | 2     | 1     | -    | -   | -     | -     | -      | 1    | -    | 8,188                     |
| South Carolina       | 164  | -       | 5     | -     | 1     | 14    | -     | ...   | -       | 8     | 7     | -    | -   | 11    | 1     | 2      | 1    | -    | 17,957                    |
| South Dakota         | -  | 54      | 2     | 1     | 1     | 2     | -     | -     | ...     | -     | 2     | 2    | 1   | 1     | -     | -      | 8    | 26   | 5,806                     |
| Tennessee            | 46   | 1       | 30    | 9     | 2     | 13    | 1     | 13    | 3       | ...   | 19    | -    | -   | 84    | 1     | 4      | 2    | -    | 28,826                    |
| Texas                | 2  | 2       | 11    | 276   | 3     | 15    | 1     | 1     | 1       | 12    | ...   | 1    | 2   | 3     | -     | 2      | 4    | 2    | 64,245                    |
| Utah                 | -  | 2       | 3     | 3     | 5     | 1     | -     | -     | 1       | 2     | 2     | ...  | -   | -     | 1     | -      | 1    | 45   | 5,070                     |
| Vermont              | -  | -       | -     | -     | -     | 4     | -     | -     | -       | -     | -     | -    | ... | -     | -     | 1      | -    | 1    | 4,098                     |
| Virginia             | 277  | 1       | 23    | 2     | -     | 46    | 5     | 14    | -       | 107   | 8     | 1    | 2   | ...   | 3     | 155    | 2    | -    | 28,976                    |
| Washington           | 4  | 22      | 5     | 4     | 181   | 3     | 1     | -     | 7       | 2     | 4     | 8    | -   | 2     | ...   | 2      | 14   | 4    | 22,211                    |
| West Virginia        | 6  | -       | 337   | 2     | -     | 84    | 1     | 1     | -       | 9     | 1     | 1    | -   | 137   | -     | ...    | 1    | 3    | 17,600                    |
| Wisconsin            | 1  | 7       | 17    | 2     | 1     | 4     | -     | -     | 7       | -     | 17    | -    | -   | 2     | 5     | -      | ...  | 3    | 32,564                    |
| Wyoming              | 1  | 4       | 1     | 5     | 10    | 4     | -     | -     | 6       | -     | 13    | 10   | -   | -     | 3     | 2      | -    | -    | 2,385                     |

<sup>1</sup>See discussion in text for definition of nonresident.

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**SUPPLEMENT**

**HAWAII, PUERTO RICO, VIRGIN ISLANDS, AND ALASKA**

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(179)

## HAWAII

**TABLE 1.—MARRIAGES, MARRIAGE LICENSES, AND DIVORCES AND ANNULMENTS: HAWAII, 1946-48**

| YEAR | NUMBER OF— |                   | Number of divorces and annulments |
|------|------------|-------------------|-----------------------------------|
|      | Marriages  | Marriage licenses |                                   |
| 1948 | 5,657      | 5,568             | 1,388                             |
| 1947 | 5,848      | 5,769             | 1,178                             |
| 1946 | 5,945      | 5,776             | 1,453                             |

**TABLE 2.—LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, HAWAII, 1948**  
(By place of occurrence. Deaths exclusive of stillbirths)

| AREA<br>(SEX FOR HAWAII ONLY) | Live births | Deaths (all ages) | Deaths under 1 year | Stillbirths <sup>1</sup> |
|-------------------------------|-------------|-------------------|---------------------|--------------------------|
| HAWAII                        | 14,463      | 3,104             | 414                 | 194                      |
| Male                          | 7,466       | 2,067             | 241                 | 110                      |
| Female                        | 6,997       | 1,037             | 173                 | 84                       |
| Hawaii County                 | 1,721       | 520               | 52                  | 23                       |
| Hilo (city)                   | 875         | 234               | 30                  | 7                        |
| Balance of county             | 846         | 286               | 22                  | 16                       |
| Honolulu County               | 10,762      | 2,054             | 295                 | 138                      |
| Honolulu (city)               | 8,544       | 1,654             | 238                 | 106                      |
| Balance of county             | 2,218       | 400               | 57                  | 32                       |
| Kalawao County                | -           | 13                | -                   | -                        |
| Kauai County                  | 746         | 214               | 26                  | 13                       |
| Maui County                   | 1,234       | 303               | 41                  | 20                       |

<sup>1</sup>Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

**TABLE 3.—LIVE BIRTHS BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, HAWAII, 1948**  
(By place of occurrence)

| AREA<br>(SEX FOR HAWAII ONLY) | Total births | Hawaiian | Part-Hawaiian | Puerto Rican | Caucasian | Chinese | Japanese | Korean | Filipino | All other |
|-------------------------------|--------------|----------|---------------|--------------|-----------|---------|----------|--------|----------|-----------|
| HAWAII                        | 14,463       | 172      | 3,364         | 310          | 3,202     | 736     | 4,644    | 164    | 1,301    | 570       |
| Male                          | 7,466        | 93       | 1,631         | 172          | 1,674     | 379     | 2,426    | 86     | 661      | 284       |
| Female                        | 6,997        | 79       | 1,673         | 138          | 1,528     | 357     | 2,218    | 78     | 640      | 286       |
| Hawaii County                 | 1,721        | 39       | 444           | 55           | 205       | 23      | 739      | 4      | 165      | 47        |
| Hilo (city)                   | 875          | 15       | 229           | 16           | 113       | 16      | 412      | 2      | 51       | 19        |
| Balance of county             | 846          | 24       | 215           | 39           | 92        | 5       | 327      | 2      | 114      | 28        |
| Honolulu County               | 10,762       | 82       | 2,441         | 193          | 2,763     | 686     | 3,129    | 152    | 967      | 449       |
| Honolulu (city)               | 8,544        | 66       | 2,139         | 157          | 1,732     | 663     | 2,785    | 127    | 502      | 373       |
| Balance of county             | 2,218        | 16       | 302           | 36           | 1,031     | 23      | 344      | 25     | 365      | 76        |
| Kalawao County                | -            | -        | -             | -            | -         | -       | -        | -      | -        | -         |
| Kauai County                  | 746          | 11       | 135           | 27           | 99        | 11      | 316      | 2      | 119      | 25        |
| Maui County                   | 1,234        | 40       | 344           | 35           | 136       | 16      | 458      | 6      | 150      | 49        |

**TABLE 4.—LIVE BIRTHS BY SEX AND MONTH: HAWAII, 1948**

| SEX    | Total births | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|--------|--------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| TOTAL  | 14,463       | 1,240   | 1,087    | 1,066 | 1,163 | 1,190 | 1,068 | 1,216 | 1,293  | 1,223     | 1,421   | 1,242    | 1,254    |
| Male   | 7,466        | 626     | 553      | 582   | 605   | 617   | 539   | 619   | 646    | 611       | 768     | 646      | 654      |
| Female | 6,997        | 614     | 534      | 484   | 558   | 573   | 529   | 597   | 647    | 612       | 653     | 596      | 600      |

**TABLE 5.—NUMBER AND PERCENT OF LIVE BIRTHS, BY RACE AND PERSON IN ATTENDANCE: HAWAII, 1948**

| RACE                       | Total births | NUMBER ATTENDED BY—                |                           |         |                         | Total percent | PERCENT ATTENDED BY—               |                           |         |                         |
|----------------------------|--------------|------------------------------------|---------------------------|---------|-------------------------|---------------|------------------------------------|---------------------------|---------|-------------------------|
|                            |              | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |               | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |
| ALL RACES                  | 14,463       | 13,910                             | 96                        | 253     | 204                     | 100.0         | 96.2                               | 0.7                       | 1.7     | 1.4                     |
| Hawaiian and Part-Hawaiian | 3,536        | 3,193                              | 44                        | 134     | 165                     | 100.0         | 90.3                               | 1.2                       | 3.8     | 4.7                     |
| Caucasian                  | 3,202        | 3,186                              | 9                         | 4       | 3                       | 100.0         | 99.5                               | 0.3                       | 0.1     | 0.1                     |
| Japanese                   | 4,644        | 4,547                              | 15                        | 78      | 4                       | 100.0         | 97.9                               | 0.3                       | 1.7     | 0.1                     |
| All other                  | 3,081        | 2,984                              | 28                        | 37      | 32                      | 100.0         | 96.9                               | 0.9                       | 1.2     | 1.0                     |

<sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940. A POPULATION OF 10,000 OR MORE, 1948  
(By place of occurrence)

| AREA                   | Total births | NUMBER ATTENDED BY--               |                           |         |                         | Total percent | PERCENT ATTENDED BY--              |                           |         |                         |
|------------------------|--------------|------------------------------------|---------------------------|---------|-------------------------|---------------|------------------------------------|---------------------------|---------|-------------------------|
|                        |              | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |               | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |
| HAWAII-----            | 14,463       | 13,910                             | 96                        | 253     | 204                     | 100.0         | 96.2                               | 0.7                       | 1.7     | 1.4                     |
| Hawaii County-----     | 1,721        | 1,662                              | 12                        | 12      | 35                      | 100.0         | 96.6                               | 0.7                       | 0.7     | 2.0                     |
| Hilo (city)-----       | 875          | 856                                | 6                         | 6       | 7                       | 100.0         | 97.8                               | 0.7                       | 0.7     | 0.8                     |
| Balance of county----- | 846          | 806                                | 6                         | 6       | 28                      | 100.0         | 95.3                               | 0.7                       | 0.7     | 3.3                     |
| Honolulu County-----   | 10,762       | 10,343                             | 68                        | 234     | 117                     | 100.0         | 96.1                               | 0.6                       | 2.2     | 1.1                     |
| Honolulu (city)-----   | 8,544        | 8,242                              | 48                        | 205     | 51                      | 100.0         | 96.5                               | 0.5                       | 2.4     | 0.6                     |
| Balance of county----- | 2,218        | 2,101                              | 22                        | 29      | 66                      | 100.0         | 94.7                               | 1.0                       | 1.3     | 3.0                     |
| Kalaheo County-----    | -            | -                                  | -                         | -       | -                       | 0             | 0                                  | 0                         | 0       | 0                       |
| Kaunoi County-----     | 746          | 729                                | 5                         | -       | 12                      | 100.0         | 97.7                               | 0.7                       | 0       | 1.6                     |
| Mauo County-----       | 1,234        | 1,176                              | 11                        | 7       | 40                      | 100.0         | 95.3                               | 0.8                       | 0.6     | 3.2                     |

<sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

TABLE 7.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: HAWAII, 1948

| RACE                            | Total births | AGE OF MOTHER  |                |                |                |                |                |                |                |                   |   | Not stated |
|---------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|---|------------|
|                                 |              | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 years and over |   |            |
| ALL RACES-----                  | 14,463       | 7              | 1,223          | 4,907          | 4,631          | 2,533          | 934            | 206            | 20             | 1                 | 1 |            |
| Hawaiian and Part-Hawaiian----- | 3,536        | 4              | 806            | 1,396          | 931            | 458            | 187            | 51             | 3              | -                 | - |            |
| Caucasian-----                  | 3,202        | -              | 192            | 1,032          | 1,174          | 550            | 212            | 41             | -              | -                 | 1 |            |
| Japanese-----                   | 4,644        | -              | 140            | 1,256          | 1,768          | 1,069          | 344            | 56             | 11             | -                 | - |            |
| All other-----                  | 3,081        | 3              | 365            | 1,223          | 758            | 456            | 191            | 58             | 6              | 1                 | - |            |

TABLE 8.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: HAWAII, 1948

(Birth order refers to number of children born alive to mother)

| BIRTH ORDER                    | Total births | AGE OF MOTHER  |                |                |                |                |                |                |                |                   |   | Not stated |
|--------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|---|------------|
|                                |              | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 years and over |   |            |
| TOTAL-----                     | 14,463       | 7              | 1,223          | 4,907          | 4,631          | 2,533          | 934            | 206            | 20             | 1                 | 1 |            |
| First child-----               | 4,474        | 7              | 854            | 2,013          | 1,146          | 549            | 95             | 10             | -              | -                 | - |            |
| Second child-----              | 3,900        | -              | 298            | 1,515          | 1,353          | 572            | 137            | 25             | -              | -                 | - |            |
| Third child-----               | 2,503        | -              | 60             | 778            | 930            | 557            | 159            | 18             | 1              | -                 | - |            |
| Fourth child-----              | 1,468        | -              | 10             | 370            | 542            | 586            | 139            | 18             | 1              | -                 | - |            |
| Fifth child-----               | 816          | -              | 1              | 163            | 301            | 239            | 96             | 14             | 2              | -                 | - |            |
| Sixth child-----               | 482          | -              | -              | 48             | 178            | 169            | 75             | 11             | 1              | -                 | - |            |
| Seventh child-----             | 291          | -              | -              | 16             | 95             | 94             | 72             | 15             | 1              | -                 | - |            |
| Eighth child-----              | 211          | -              | -              | 4              | 55             | 76             | 55             | 19             | -              | -                 | - |            |
| Ninth child-----               | 109          | -              | -              | -              | 23             | 37             | 25             | 20             | 3              | 1                 | - |            |
| Tenth child-----               | 74           | -              | -              | -              | 6              | 25             | 24             | 17             | 2              | -                 | - |            |
| Eleventh child-----            | 51           | -              | -              | -              | 1              | 12             | 23             | 11             | 4              | -                 | - |            |
| Twelfth child-----             | 33           | -              | -              | -              | 1              | 8              | 10             | 12             | 2              | -                 | - |            |
| Thirteenth child and over----- | 50           | -              | -              | -              | -              | 5              | 24             | 18             | 3              | -                 | - |            |
| Not stated-----                | 1            | -              | -              | -              | -              | -              | -              | -              | -              | -                 | 1 |            |

TABLE 9.-LIVE BIRTHS BY RACE AND BIRTH ORDER: HAWAII, 1948

(Birth order refers to number of children born alive to mother)

| RACE                            | Total births | BIRTH ORDER |       |       |       |     |     |     |     |     |      |      |      |               | Not stated |
|---------------------------------|--------------|-------------|-------|-------|-------|-----|-----|-----|-----|-----|------|------|------|---------------|------------|
|                                 |              | 1st         | 2d    | 3d    | 4th   | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th and over |            |
| ALL RACES-----                  | 14,463       | 4,474       | 3,900 | 2,503 | 1,468 | 816 | 482 | 291 | 211 | 109 | 74   | 51   | 33   | 50            | 1          |
| Hawaiian and Part-Hawaiian----- | 3,536        | 827         | 773   | 605   | 433   | 301 | 198 | 135 | 106 | 56  | 38   | 27   | 13   | 24            | -          |
| Caucasian-----                  | 3,202        | 1,172       | 1,138 | 534   | 214   | 72  | 39  | 14  | 11  | 1   | 1    | 1    | 3    | 1             |            |
| Japanese-----                   | 4,644        | 1,604       | 1,248 | 827   | 480   | 224 | 110 | 59  | 39  | 20  | 20   | 9    | 3    | 1             |            |
| All other-----                  | 3,081        | 671         | 742   | 357   | 341   | 219 | 135 | 63  | 55  | 32  | 15   | 14   | 16   | 22            |            |

TABLE 10.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE:  
HAWAII, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period.)

| RACE                            | Total births | Total cases (single and plural) | Cases of single births | CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE |       |          |
|---------------------------------|--------------|---------------------------------|------------------------|---|-------|----------|
|                                 |              |                                 |                        | Total   | Twins | Triplets |
| ALL RACES-----                  | 14,463       | 14,373                          | 14,278                 | 95  | 93    | 2        |
| Hawaiian and Part-Hawaiian----- | 3,536        | 3,513                           | 3,489                  | 25  | 25    | -        |
| Caucasian-----                  | 3,202        | 3,169                           | 3,134                  | 34  | 32    | 2        |
| Japanese-----                   | 4,644        | 4,625                           | 4,606                  | 19  | 19    | -        |
| All other-----                  | 3,081        | 3,067                           | 3,050                  | 17  | 17    | -        |

TABLE 11.-DEATHS BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948  
(By place of occurrence. Exclusive of stillbirths)

| AREA                   | Total deaths | Hawaiian | Part-Hawaiian | Puerto Rican | Caucasian | Chinese | Japanese | Korean | Filipino | All other |
|------------------------|--------------|----------|---------------|--------------|-----------|---------|----------|--------|----------|-----------|
| HAWAII-----            | 3,104        | 296      | 339           | 66           | 735       | 260     | 996      | 70     | 323      | 21        |
| Hawaii County-----     | 520          | 64       | 52            | 11           | 82        | 15      | 235      | 10     | 55       | -         |
| Hilo (city)-----       | 234          | 19       | 28            | 4            | 49        | 9       | 104      | 7      | 14       | -         |
| Balance of county----- | 286          | 45       | 24            | 7            | 33        | 6       | 129      | 3      | 39       | -         |
| Honolulu County-----   | 2,054        | 178      | 227           | 46           | 574       | 220     | 551      | 48     | 189      | 21        |
| Honolulu (city)-----   | 1,654        | 149      | 188           | 38           | 439       | 208     | 461      | 39     | 117      | 15        |
| Balance of county----- | 400          | 29       | 39            | 8            | 135       | 12      | 90       | 9      | 72       | 6         |
| Kalawao County-----    | 13           | 5        | 5             | -            | -         | -       | 1        | -      | 2        | -         |
| Kauai County-----      | 214          | 11       | 12            | 4            | 43        | 9       | 82       | 4      | 49       | -         |
| Maui County-----       | 303          | 38       | 43            | 5            | 34        | 16      | 129      | 8      | 30       | -         |

TABLE 12.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948  
(By place of occurrence. Exclusive of stillbirths)

| AREA                   | Total deaths | Deaths not in institutions | Deaths in institutions <sup>1</sup> | TYPE OF SERVICE   |                         |   |                     |                             |
|------------------------|--------------|----------------------------|-------------------------------------|-------------------|-------------------------|---|---------------------|-----------------------------|
|                        |              |                            |                                     | General hospitals | Tuber-culosis hospitals | Other non-resident hospitals and institutions | Mental institutions | Other resident institutions |
| HAWAII-----            | 3,104        | 976                        | 2,128                               | 1,621             | 131                     | 285   | 60                  | 17                          |
| Hawaii County-----     | 520          | 217                        | 303                                 | 202               | 21                      | -   | -                   | -                           |
| Hilo (city)-----       | 234          | 77                         | 157                                 | 136               | 21                      | -   | -                   | -                           |
| Balance of county----- | 286          | 140                        | 146                                 | 146               | -                       | -   | -                   | -                           |
| Honolulu County-----   | 2,054        | 597                        | 1,457                               | 1,029             | 76                      | 273   | 60                  | 17                          |
| Honolulu (city)-----   | 1,654        | 447                        | 1,207                               | 835               | 75                      | 272   | 60                  | 17                          |
| Balance of county----- | 400          | 140                        | 260                                 | 194               | 1                       | 1   | 60                  | -                           |
| Kalawao County-----    | 13           | 1                          | 12                                  | -                 | -                       | -   | 12                  | -                           |
| Kauai County-----      | 214          | 83                         | 131                                 | 116               | 14                      | -   | -                   | -                           |
| Maui County-----       | 303          | 88                         | 215                                 | 194               | 20                      | -   | -                   | -                           |

<sup>1</sup>Includes deaths occurring in institutions of unknown type.

TABLE 13.-DEATHS BY AGE, RACE, AND SEX: HAWAII, 1948  
(Exclusive of stillbirths)

| RACE AND SEX                    | Total deaths | AGE     |    |    |    |    |         |        |          |          |          |          |          |          |          |          |          |          |          |          |          | Not stated |          |          |          |          |          |              |
|---------------------------------|--------------|---------|----|----|----|----|---------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|--------------|
|                                 |              | Under 1 | 1  | 2  | 3  | 4  | Under 5 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 29 | 30 to 34 | 35 to 39 | 40 to 44 | 45 to 49 | 50 to 54 | 55 to 59 | 60 to 64 | 65 to 69 | 70 to 74 |            | 75 to 79 | 80 to 84 | 85 to 89 | 90 to 94 | 95 to 99 | 100 and over |
| ALL RACES-----                  | 3,104        | 414     | 35 | 13 | 17 | 12 | 489     | 38     | 23       | 51       | 82       | 104      | 95       | 110      | 117      | 181      | 193      | 221      | 287      | 280      | 330      | 246        | 159      | 66       | 31       | 4        | 1        | 6            |
| Male-----                       | 2,067        | 241     | 19 | 10 | 10 | 8  | 287     | 22     | 15       | 32       | 60       | 76       | 61       | 78       | 81       | 124      | 124      | 139      | 185      | 196      | 238      | 167        | 97       | 60       | 20       | -        | -        | 5            |
| Female-----                     | 1,037        | 173     | 15 | 3  | 7  | 4  | 202     | 16     | 8        | 19       | 22       | 28       | 34       | 32       | 36       | 57       | 69       | 82       | 102      | 84       | 92       | 79         | 62       | 26       | 11       | 4        | 1        | 1            |
| Hawaiian and Part-Hawaiian----- | 635          | 125     | 13 | 3  | 5  | 2  | 149     | 12     | 7        | 15       | 13       | 18       | 26       | 19       | 27       | 41       | 29       | 59       | 65       | 49       | 39       | 31         | 17       | 12       | 6        | 1        | 1        | -            |
| Male-----                       | 344          | 74      | 8  | 3  | 3  | 1  | 89      | 6      | 3        | 8        | 7        | 11       | 18       | 10       | 16       | 20       | 14       | 27       | 34       | 29       | 17       | 17         | 6        | 9        | 3        | -        | -        | -            |
| Female-----                     | 291          | 51      | 5  | -  | 2  | 1  | 59      | 6      | 4        | 7        | 6        | 7        | 8        | 9        | 11       | 21       | 15       | 32       | 31       | 20       | 22       | 14         | 11       | 3        | 3        | 1        | 1        | -            |
| Caucasian-----                  | 733          | 77      | 7  | 3  | 7  | 1  | 95      | 4      | 4        | 15       | 31       | 51       | 21       | 24       | 27       | 40       | 58       | 50       | 68       | 65       | 67       | 51         | 42       | 27       | 9        | 1        | -        | 5            |
| Male-----                       | 509          | 46      | 3  | 2  | 4  | 1  | 56      | 3      | 3        | 13       | 27       | 28       | 15       | 16       | 20       | 31       | 43       | 36       | 52       | 47       | 46       | 31         | 25       | 12       | 5        | -        | -        | 4            |
| Female-----                     | 224          | 31      | 4  | 1  | 3  | -  | 39      | 1      | 1        | 2        | 4        | 5        | 6        | 8        | 7        | 9        | 15       | 14       | 16       | 16       | 21       | 20         | 19       | 13       | 4        | 1        | -        | 1            |
| Japanese-----                   | 956          | 125     | 8  | 4  | 5  | 7  | 149     | 11     | 8        | 9        | 28       | 33       | 24       | 21       | 28       | 42       | 50       | 60       | 80       | 104      | 159      | 97         | 84       | 23       | 6        | -        | -        | -            |
| Male-----                       | 657          | 61      | 5  | 3  | 3  | 5  | 77      | 7      | 7        | 5        | 20       | 21       | 12       | 12       | 18       | 27       | 23       | 38       | 63       | 75       | 121      | 86         | 43       | 19       | 5        | -        | -        | -            |
| Female-----                     | 339          | 64      | 3  | 1  | 2  | 2  | 72      | 4      | 1        | 4        | 8        | 12       | 12       | 9        | 10       | 15       | 27       | 22       | 17       | 31       | 38       | 31         | 21       | 4        | 1        | -        | -        | 1            |
| All other-----                  | 740          | 67      | 5  | 3  | -  | 2  | 97      | 11     | 4        | 12       | 10       | 22       | 24       | 46       | 35       | 58       | 56       | 52       | 44       | 64       | 65       | 67         | 36       | 24       | 10       | 2        | -        | 1            |
| Male-----                       | 557          | 60      | 2  | 2  | -  | 1  | 65      | 6      | 2        | 6        | 18       | 16       | 10       | 40       | 27       | 46       | 44       | 38       | 36       | 47       | 54       | 55         | 25       | 20       | 7        | -        | -        | 1            |
| Female-----                     | 183          | 27      | 3  | 1  | -  | 1  | 32      | 5      | 2        | 6        | 4        | 4        | 4        | 6        | 8        | 12       | 12       | 14       | 8        | 17       | 11       | 14         | 11       | 4        | 3        | 2        | -        | -            |

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TABLE 14.—DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948  
(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total deaths | Hawaiian | Part-Hawaiian | Puerto Rican | Caucasian | Chinese | Japanese | Korean | Filipino | All other |
|---------------|---|--------------|----------|---------------|--------------|-----------|---------|----------|--------|----------|-----------|
|               | ALL CAUSES-----   | 3,104        | 296      | 339           | 66           | 733       | 260     | 996      | 70     | 323      | 21        |
|               | I.—Infectious and parasitic diseases-----                 | 242          | 42       | 30            | 5            | 28        | 12      | 78       | 9      | 38       | -         |
| 6             | Cerebrospinal (meningococcus) meningitis-----             | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 9             | Whooping cough-----                                       | 4            | 2        | -             | -            | -         | -       | -        | -      | 2        | -         |
| 12            | Tetanus-----  | 5            | -        | 2             | -            | 3         | -       | -        | -      | -        | -         |
| 13-22         | Tuberculosis (all forms)-----                             | 175          | 21       | 18            | 3            | 15        | 10      | 68       | 9      | 31       | -         |
| 13            | Tuberculosis of respiratory system, etc.*-----            | 157          | 19       | 17            | 3            | 13        | 10      | 61       | 9      | 25       | -         |
| 14            | Tuberculosis of meninges, etc.*-----                      | 6            | -        | 1             | -            | -         | -       | 5        | -      | 1        | -         |
| 15            | Tuberculosis of intestines and peritoneum-----            | 3            | -        | -             | -            | 1         | -       | 1        | -      | 1        | -         |
| 16            | Tuberculosis of vertebral column-----                     | 3            | -        | -             | -            | -         | -       | 1        | -      | 2        | -         |
| 20            | Tuberculosis of genito-urinary system-----                | 3            | 1        | -             | -            | -         | -       | 2        | -      | -        | -         |
| 21            | Tuberculosis of other organs-----                         | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 22            | Disseminated tuberculosis-----                            | 2            | 1        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 23            | Leprosy-----  | 12           | 4        | 4             | -            | -         | -       | 2        | -      | 2        | -         |
| 24            | Septicemia and purulent infection (nonpuerperal)-----     | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 27            | Dysentery-----  | 2            | 1        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 30            | Syphilis (all forms)-----                                 | 30           | 12       | 3             | 1            | 6         | 2       | 3        | -      | 3        | -         |
| 30a           | Locomotor ataxia (tabes dorsalis)-----                    | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 30b           | General paralysis of insane-----                          | 6            | 3        | 1             | 1            | 1         | -       | -        | -      | -        | -         |
| 30d           | Aneurysm of aorta-----                                    | 9            | 2        | 1             | -            | 3         | 2       | -        | -      | 1        | -         |
| 30f           | Congenital syphilis-----                                  | 1            | 1        | -             | -            | -         | -       | -        | -      | -        | -         |
| 30c,e,g       | Syphilis (other forms)-----                               | 13           | 6        | -             | -            | 2         | -       | 3        | -      | 2        | -         |
| 32            | Other diseases due to spirochetes-----                    | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 33            | Influenza-----  | 3            | 1        | 1             | -            | -         | -       | 1        | -      | -        | -         |
| 35            | Measles-----  | 1            | -        | -             | 1            | -         | -       | -        | -      | -        | -         |
| 38            | Other diseases due to filtrable viruses-----              | 2            | -        | -             | -            | 1         | -       | 1        | -      | -        | -         |
| 39            | Typhus fever and typhus-like diseases*-----               | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 43            | Mycoses-----  | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 44            | Other infectious and parasitic diseases-----              | 3            | 1        | -             | -            | 1         | -       | 1        | -      | -        | -         |
|               | II.—Cancer and other tumors-----                          | 433          | 30       | 26            | 7            | 95        | 59      | 189      | 11     | 33       | 3         |
| 45-55         | Cancer and other malignant tumors-----                    | 421          | 29       | 24            | 7            | 93        | 55      | 187      | 10     | 33       | 3         |
| 45            | Cancer of buccal cavity and pharynx-----                  | 15           | 3        | 1             | -            | -         | 4       | 4        | -      | 3        | -         |
| 45b           | Cancer of tongue-----                                     | 2            | 1        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 45c           | Cancer of mouth-----                                      | 3            | 1        | 1             | -            | -         | -       | 1        | -      | -        | -         |
| 45d           | Cancer of jaw bone-----                                   | 2            | 1        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 45e           | Cancer of unspecified parts of buccal cavity-----         | 1            | -        | -             | -            | -         | 1       | -        | -      | -        | -         |
| 45f           | Cancer of pharynx-----                                    | 7            | -        | -             | -            | -         | 3       | 2        | -      | 2        | -         |
| 46            | Cancer of digestive organs and peritoneum-----            | 234          | 11       | 7             | 6            | 48        | 17      | 120      | 6      | 18       | 1         |
| 46a           | Cancer of esophagus-----                                  | 10           | -        | 1             | 1            | 1         | -       | 5        | -      | 1        | 1         |
| 46b           | Cancer of stomach-----                                    | 119          | 6        | 1             | 2            | 21        | 5       | 74       | 4      | 6        | -         |
| 46c           | Cancer of duodenum-----                                   | 2            | -        | -             | -            | -         | 2       | -        | -      | -        | -         |
| 46d           | Cancer of rectum and anus-----                            | 22           | 1        | 1             | 2            | 7         | 4       | 5        | -      | 2        | -         |
| 46e           | Cancer of intestines, etc.*-----                          | 38           | 2        | 2             | -            | 14        | 5       | 12       | 1      | 2        | -         |
| 46f           | Cancer of liver and biliary passages-----                 | 30           | 1        | 2             | -            | 3         | 1       | 19       | -      | 4        | -         |
| 46g           | Cancer of pancreas-----                                   | 10           | -        | -             | 1            | -         | -       | 5        | 1      | 3        | -         |
| 46h           | Cancer of mesentery and peritoneum-----                   | 3            | 1        | -             | -            | 2         | -       | -        | -      | -        | -         |
| 47            | Cancer of respiratory system-----                         | 48           | 6        | 1             | -            | 11        | 7       | 15       | 1      | 5        | -         |
| 47a           | Cancer of larynx-----                                     | 8            | 1        | -             | -            | 2         | -       | 5        | -      | -        | -         |
| 47c,d         | Cancer of bronchus and lung-----                          | 38           | 5        | 1             | -            | 9         | 7       | 10       | 1      | 5        | -         |
| 48            | Cancer of uterus-----                                     | 33           | 1        | 4             | -            | 7         | 1       | 17       | 1      | 1        | 1         |
| 48a           | Cancer of cervix-----                                     | 24           | 1        | 2             | -            | 6         | 1       | 11       | 1      | 1        | 1         |
| 48b           | Cancer of other and unspecified sites of uterus-----      | 9            | -        | 2             | -            | 1         | -       | 6        | -      | -        | -         |
| 49            | Cancer of other female genital organs-----                | 8            | 1        | 2             | -            | 2         | -       | 3        | -      | -        | -         |
| 49a,b         | Cancer of ovary, fallopian tube, and parametrium-----     | 8            | 1        | 2             | -            | 2         | -       | 3        | -      | -        | -         |
| 50            | Cancer of breast-----                                     | 15           | 2        | 4             | -            | 4         | -       | 4        | 1      | -        | -         |
| 51            | Cancer of male genital organs-----                        | 11           | 1        | 1             | 1            | 4         | -       | 2        | 1      | 1        | -         |
| 51b           | Cancer of prostate-----                                   | 9            | 1        | 1             | 1            | 4         | -       | 1        | 1      | 1        | -         |
| 51a,c-e       | Cancer of other male genital organs-----                  | 2            | 1        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 52            | Cancer of urinary organs-----                             | 16           | -        | 1             | -            | 3         | 2       | 7        | -      | 2        | 1         |
| 52a           | Cancer of kidney-----                                     | 8            | -        | -             | -            | 1         | 2       | 2        | -      | 2        | 1         |
| 52b           | Cancer of bladder-----                                    | 7            | -        | 1             | -            | 2         | -       | 4        | -      | -        | -         |
| 52c           | Cancer of other and unspecified sites-----                | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 53            | Cancer of skin, etc.*-----                                | 3            | -        | -             | -            | 2         | -       | 1        | -      | -        | -         |
| 54            | Cancer of central nervous system*-----                    | 6            | -        | 2             | -            | 3         | -       | 1        | -      | -        | -         |
| 55            | Cancer of other and unspecified organs-----               | 34           | 4        | 1             | -            | 9         | 4       | 13       | -      | 3        | -         |
| 56,57         | Nonmalignant tumors and tumors of unspecified nature----- | 12           | 1        | 2             | -            | 2         | 4       | 2        | 1      | -        | -         |
| 56            | Nonmalignant tumors (including dermoid cysts)-----        | 7            | 1        | 2             | -            | 3         | -       | 1        | -      | -        | -         |
| 56e           | Nonmalignant tumors of other and unspecified organs-----  | 7            | 1        | 2             | -            | 3         | -       | 1        | -      | -        | -         |
| 57            | Tumors of unspecified nature-----                         | 5            | -        | -             | -            | 2         | 1       | 2        | -      | -        | -         |
| 57d           | Tumors, central nervous system* (nature unspecified)----- | 4            | -        | -             | -            | 1         | 1       | 2        | -      | -        | -         |
| 57e           | Tumors, other organs (nature unspecified)-----            | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
|               | III.—Rheumatism, diseases of nutrition, etc.*-----        | 132          | 14       | 18            | 6            | 26        | 13      | 40       | 1      | 12       | 2         |
| 58            | Acute rheumatic fever-----                                | 6            | 2        | 2             | 1            | -         | -       | -        | -      | 1        | -         |
| 58b           | Acute rheumatic endocarditis-----                         | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 58d           | Other acute rheumatic heart diseases-----                 | 4            | 1        | 1             | 1            | -         | -       | -        | -      | 1        | -         |
| 58e,f         | Other forms of acute rheumatic fever, etc.*-----          | 1            | 1        | -             | -            | -         | -       | -        | -      | -        | -         |
| 59            | Chronic rheumatism, other rheumatic diseases-----         | 5            | -        | -             | 1            | 2         | -       | 2        | -      | -        | -         |
| 61            | Diabetes mellitus-----                                    | 104          | 12       | 14            | 4            | 22        | 13      | 30       | 1      | 6        | 2         |
| 63            | Diseases of thyroid and parathyroid glands-----           | 5            | -        | -             | -            | 1         | -       | 1        | -      | 3        | -         |
| 63b           | Exophthalmic goiter-----                                  | 5            | -        | -             | -            | 1         | -       | 1        | -      | 3        | -         |
| 64            | Diseases of thymus gland-----                             | 4            | -        | 1             | -            | 1         | -       | 2        | -      | -        | -         |
| 66            | Other general diseases-----                               | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 68            | Beriberi-----   | 5            | -        | 1             | -            | -         | -       | 2        | -      | 2        | -         |
| 71            | Other avitaminoses-----                                   | 2            | -        | -             | -            | -         | -       | 2        | -      | -        | -         |
|               | IV.—Diseases of the blood and blood-forming organs-----   | 30           | 2        | 6             | -            | 4         | 1       | 12       | -      | 5        | -         |
| 73            | Anemias (except splenic anemia)-----                      | 6            | 1        | -             | -            | -         | -       | 3        | -      | 2        | -         |
| 73a           | Pernicious anemia-----                                    | 2            | -        | -             | -            | -         | -       | 2        | -      | -        | -         |
| 73b-d         | Other anemias (except splenic)-----                       | 4            | 1        | -             | -            | -         | -       | 1        | -      | 2        | -         |
| 74            | Leukemias and aleukemias-----                             | 20           | 1        | 3             | -            | 4         | 1       | 8        | -      | 3        | -         |
| 74a           | Leukemias-----  | 17           | 1        | 3             | -            | 3         | 1       | 7        | -      | 2        | -         |
| 74b           | Aleukemias-----   | 3            | -        | -             | -            | -         | -       | 1        | -      | 1        | -         |
| 75            | Diseases of spleen-----                                   | 4            | -        | 3             | -            | -         | -       | 1        | -      | -        | -         |

\*Refer to International List for complete title, table IX.

TABLE 1A.-DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total deaths | Hawaiian | Part-Hawaiian | Puerto Rican | Caucasian | Chinese | Japanese | Korean | Filipino | All other |
|---------------|---|--------------|----------|---------------|--------------|-----------|---------|----------|--------|----------|-----------|
|               | V.—Chronic poisoning and intoxication-----                      | 8            | 1        | -             | -            | 3         | -       | 2        | -      | 2        | -         |
| 77            | Alcoholism (ethyilism)-----                                     | 8            | 1        | -             | -            | 3         | -       | 2        | -      | 2        | -         |
|               | VI.—Diseases of the nervous system, etc.*-----                  | 258          | 24       | 15            | 3            | 45        | 19      | 97       | 5      | 51       | 1         |
| 80            | Encephalitis (nonepidemic)-----                                 | 1            | -        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 81            | Meningitis (not due to meningococcus)-----                      | 10           | -        | -             | 1            | 3         | -       | 4        | -      | 1        | 1         |
| 82            | Diseases of spinal cord (see exceptions)*-----                  | 6            | -        | -             | -            | 1         | -       | 4        | -      | 1        | -         |
| 83            | Intracranial lesions of vascular origin-----                    | 210          | 23       | 11            | 2            | 37        | 19      | 85       | 5      | 28       | -         |
| 83a           | Cerebral hemorrhage or effusion*-----                           | 182          | 17       | 11            | 2            | 30        | 15      | 79       | 4      | 24       | -         |
| 83b,c         | Cerebral embolism, thrombosis, and softening-----               | 18           | 3        | -             | -            | 5         | 3       | 3        | 1      | 3        | -         |
| 83d           | Hemiplegia, other paralysis, etc.*-----                         | 10           | 3        | -             | -            | 2         | 1       | 3        | -      | 1        | -         |
| 84            | Mental diseases and deficiency (see exception)*-----            | 2            | -        | -             | -            | 1         | -       | 1        | -      | -        | -         |
| 85            | Epilepsy-----   | 4            | 1        | -             | -            | 2         | -       | 1        | -      | -        | -         |
| 86            | Convulsions (under 5 years)-----                                | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 87            | Other diseases of nervous system-----                           | 4            | -        | 1             | -            | 1         | -       | 2        | -      | -        | -         |
|               | VII.—Diseases of the circulatory system-----                    | 654          | 78       | 54            | 16           | 208       | 71      | 178      | 13     | 56       | -         |
| 90-95         | Diseases of the heart (all forms)-----                          | 609          | 72       | 49            | 16           | 197       | 68      | 163      | 10     | 53       | -         |
| 90            | Pericarditis (except acute rheumatic)-----                      | 2            | -        | -             | -            | -         | 1       | -        | -      | 1        | -         |
| 90b           | Other pericarditis-----   | 2            | -        | -             | -            | -         | 1       | -        | -      | 1        | -         |
| 91            | Acute endocarditis (except rheumatic)-----                      | 3            | 1        | 1             | -            | -         | -       | -        | -      | 1        | -         |
| 91a,b         | Bacterial, acute, and subacute endocarditis-----                | 3            | 1        | 1             | -            | -         | -       | -        | -      | 1        | -         |
| 92            | Chronic affections of valves and endocardium-----               | 41           | 3        | 3             | 2            | 13        | 4       | 9        | -      | 7        | -         |
| 92a           | Diseases of aortic valve, etc.*-----                            | 6            | -        | -             | -            | 3         | -       | 2        | -      | 1        | -         |
| 92b           | Diseases of mitral valve, etc.*-----                            | 18           | -        | 2             | 2            | 4         | 2       | 5        | -      | 3        | -         |
| 92c           | Chronic rheumatic endocarditis, etc.*-----                      | 2            | 1        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 92d           | Other chronic endocarditis, etc.*-----                          | 15           | 2        | 1             | -            | 5         | 2       | 2        | -      | 3        | -         |
| 93            | Diseases of the myocardium-----                                 | 402          | 55       | 32            | 8            | 116       | 55      | 113      | 9      | 14       | -         |
| 93a           | Acute myocarditis (except rheumatic)-----                       | 3            | -        | -             | -            | -         | -       | 2        | -      | 1        | -         |
| 93b           | Myocarditis (unspecified, under 45 years)-----                  | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 93c           | Chronic rheumatic myocarditis, etc.*-----                       | 3            | 1        | -             | -            | -         | -       | 2        | -      | -        | -         |
| 93d           | Other chronic myocarditis, etc.*-----                           | 386          | 53       | 31            | 8            | 115       | 55      | 103      | 8      | 13       | -         |
| 93e           | Other myocarditis (unspecified)-----                            | 9            | 1        | 1             | -            | 1         | -       | 5        | 1      | -        | -         |
| 94            | Diseases of coronary arteries, angina pectoris-----             | 135          | 9        | 11            | 6            | 62        | 6       | 52       | 1      | 8        | -         |
| 94a           | Diseases of coronary arteries-----                              | 133          | 9        | 11            | 6            | 62        | 6       | 50       | 1      | 8        | -         |
| 94b           | Angina pectoris-----  | 2            | -        | -             | -            | -         | -       | 2        | -      | -        | -         |
| 95            | Other diseases of heart-----                                    | 25           | 4        | 2             | -            | 6         | 2       | 9        | -      | 2        | -         |
| 95a           | Functional diseases of heart, etc.*-----                        | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 95b           | Other diseases of heart (rheumatic)-----                        | 11           | 1        | 2             | -            | 2         | -       | 5        | -      | 1        | -         |
| 95c           | Other diseases of heart (not rheumatic)-----                    | 13           | 3        | -             | -            | 3         | 2       | 4        | -      | 1        | -         |
| 96            | Aneurysm (except of heart and aorta)-----                       | 12           | -        | 3             | -            | 4         | -       | 3        | -      | 2        | -         |
| 97            | Arteriosclerosis (except coronary or renal sclerosis)-----      | 24           | 3        | -             | -            | 5         | 2       | 10       | 3      | 1        | -         |
| 99            | Other diseases of arteries-----                                 | 5            | 1        | -             | -            | 1         | 1       | 2        | -      | -        | -         |
| 100           | Diseases of veins-----  | 2            | 1        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 102           | High blood pressure (idiopathic)-----                           | 2            | 1        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 103           | Other diseases of circulatory system-----                       | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
|               | VIII.—Diseases of the respiratory system-----                   | 167          | 17       | 39            | 3            | 28        | 13      | 41       | 3      | 23       | -         |
| 104           | Diseases of nasal fossae, accessory sinuses-----                | 3            | -        | 1             | -            | 1         | -       | 1        | -      | -        | -         |
| 105           | Diseases of larynx-----   | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 106           | Bronchitis-----   | 7            | 2        | 1             | -            | 3         | -       | -        | -      | 1        | -         |
| 107           | Bronchopneumonia (including capillary bronchitis)-----          | 74           | 8        | 22            | 1            | 12        | 5       | 19       | 3      | 4        | -         |
| 108           | Lobar pneumonia-----  | 46           | 3        | 9             | 1            | 7         | 7       | 9        | -      | 10       | -         |
| 109           | Pneumonia (unspecified)-----                                    | 5            | 2        | 1             | -            | -         | -       | -        | -      | 2        | -         |
| 109a          | Atypical or virus pneumonia-----                                | 5            | 2        | 1             | -            | -         | -       | -        | -      | 2        | -         |
| 109b          | Pneumonia (all other, unspecified)-----                         | 3            | -        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 110           | Fleury (not tuberculous)-----                                   | 13           | 1        | 2             | 1            | 1         | 1       | 6        | -      | 1        | -         |
| 111           | Hemorrhagic infarction, thrombosis, edema*-----                 | 6            | 1        | 1             | -            | 1         | -       | 1        | -      | 2        | -         |
| 112           | Asthma-----   | 7            | -        | -             | -            | 2         | -       | 2        | -      | 3        | -         |
| 114           | Other diseases of respiratory system (except tuberculosis)----- | 3            | -        | 2             | -            | 1         | -       | 2        | -      | -        | -         |
| 114c-e        | Other diseases of respiratory system (except tuberculosis)----- | 5            | -        | 2             | -            | 1         | -       | 2        | -      | -        | -         |
|               | IX.—Diseases of the digestive system-----                       | 147          | 7        | 16            | 3            | 38        | 15      | 40       | 6      | 19       | 3         |
| 115           | Diseases of buccal cavity and adnexa, etc.*-----                | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 117           | Ulcer of stomach or duodenum-----                               | 25           | 2        | 2             | -            | 4         | 2       | 9        | 2      | 4        | -         |
| 117a          | Ulcer of stomach-----   | 17           | 2        | 1             | -            | 3         | -       | 6        | 2      | 3        | -         |
| 117b          | Ulcer of duodenum-----  | 8            | -        | 1             | -            | 1         | 2       | 3        | -      | 1        | -         |
| 118           | Other diseases of stomach (except cancer)-----                  | 2            | -        | -             | -            | 1         | -       | -        | -      | 1        | -         |
| 119           | Diarrhea, enteritis, etc.* (under 2 years)-----                 | 13           | -        | 8             | -            | 1         | -       | 2        | -      | 2        | -         |
| 120           | Diarrhea, enteritis, etc.* (2 years and over)-----              | 7            | -        | 1             | -            | 2         | 1       | 3        | -      | -        | -         |
| 121           | Appendicitis-----   | 12           | 1        | -             | -            | 2         | -       | 7        | -      | 2        | -         |
| 122           | Hernia and intestinal obstruction-----                          | 20           | 2        | 2             | 2            | 5         | 2       | 4        | 2      | 1        | -         |
| 122a          | Hernia-----   | 5            | 1        | 1             | 1            | 2         | -       | -        | -      | 1        | -         |
| 122b          | Intestinal obstruction-----                                     | 15           | 1        | 2             | 1            | 3         | 2       | 4        | 2      | -        | -         |
| 123           | Other diseases of intestines-----                               | 5            | -        | -             | -            | -         | -       | 1        | -      | 1        | -         |
| 124           | Cirrhosis of liver-----   | 35           | 2        | 1             | 1            | 15        | 3       | 10       | 2      | 2        | -         |
| 124a          | Cirrhosis of liver with mention of alcoholism-----              | 11           | -        | 1             | -            | 4         | 2       | 2        | 1      | 1        | -         |
| 124b          | Cirrhosis of liver without mention of alcoholism-----           | 24           | 2        | -             | 1            | 9         | 1       | 8        | 1      | 2        | -         |
| 125           | Other diseases of liver-----                                    | 5            | -        | 1             | -            | 1         | 2       | -        | -      | 1        | -         |
| 126           | Biliary calculi-----  | 4            | -        | -             | -            | 2         | 1       | 1        | -      | -        | -         |
| 127           | Other diseases of gallbladder, biliary ducts-----               | 3            | -        | -             | -            | 2         | 1       | -        | -      | -        | -         |
| 128           | Diseases of pancreas (except diabetes mellitus)-----            | 11           | -        | 1             | -            | 2         | 2       | -        | -      | 6        | -         |
| 129           | Peritonitis (cause not stated)-----                             | 4            | -        | -             | -            | 1         | 1       | 2        | -      | -        | -         |
|               | X.—Diseases of the genito-urinary system-----                   | 262          | 25       | 27            | 5            | 49        | 43      | 79       | 8      | 26       | -         |
| 130           | Acute nephritis-----  | 11           | 1        | 1             | -            | 1         | 3       | 4        | -      | 1        | -         |
| 131           | Chronic nephritis-----  | 220          | 25       | 22            | 4            | 35        | 37      | 70       | 8      | 21       | -         |
| 131a          | Arteriosclerotic kidney-----                                    | 188          | 22       | 19            | 4            | 31        | 35      | 52       | 8      | 17       | -         |
| 131b          | Other chronic nephritis-----                                    | 32           | 1        | 3             | -            | 4         | 2       | 18       | -      | 4        | -         |
| 132           | Nephritis unspecified (10 years and over)-----                  | 6            | -        | -             | -            | 1         | 1       | 2        | -      | 2        | -         |
| 133           | Other diseases of kidneys, ureters, etc.*-----                  | 12           | 1        | 1             | 1            | 4         | 1       | 2        | -      | 2        | -         |
| 134           | Calculi of urinary passages-----                                | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 137           | Diseases of prostate-----                                       | 10           | -        | 1             | -            | 7         | 1       | 1        | -      | -        | -         |
| 137a          | Hypertrophy of prostate-----                                    | 8            | -        | -             | -            | 6         | 1       | 1        | -      | -        | -         |
| 137b          | Other diseases of prostate-----                                 | 2            | -        | 1             | -            | 1         | -       | -        | -      | -        | -         |
| 139           | Diseases of female genital organs-----                          | 2            | -        | 2             | -            | -         | -       | -        | -      | -        | -         |
| 139a          | Diseases of ovaries, fallopian tubes, parametria-----           | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 139b          | Diseases of uterus-----   | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |

\*Refer to International List for complete title, table IX.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 14. -DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total deaths | Hawaiian | Part-Hawaiian | Puerto Rican | Caucasian | Chinese | Japanese | Korean | Filipino | All other |
|---------------|---|--------------|----------|---------------|--------------|-----------|---------|----------|--------|----------|-----------|
|               | XI.—Diseases of pregnancy, childbirth, and the puerperium-----          | 16           | 1        | 4             | 1            | 4         | -       | 5        | -      | 1        | -         |
| 141           | Abortion without mention of infection-----                              | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 141d-f        | Other abortions (nonseptic)*-----                                       | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 142           | Ectopic gestation-----  | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 142b          | Ectopic gestation, without mention of infection-----                    | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 144           | Toxemias of pregnancy (death before delivery)-----                      | 4            | 1        | 1             | -            | -         | -       | 2        | -      | -        | -         |
| 145           | Other diseases of pregnancy (death before delivery)*-----               | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 145b          | Without mention of infection-----                                       | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 146           | Hemorrhage of childbirth and puerperium-----                            | 3            | -        | 2             | -            | -         | -       | -        | -      | 1        | -         |
| 147           | Infection during childbirth and puerperium-----                         | 3            | -        | -             | 1            | -         | -       | 2        | -      | -        | -         |
| 148           | Puerperal toxemias (excluding death before delivery)-----               | 2            | -        | 1             | -            | -         | -       | 1        | -      | -        | -         |
| 150           | Other and unspecified conditions of childbirth and puerperium-----      | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
|               | XII.—Diseases of the skin and cellular tissue-----                      | 5            | 2        | -             | -            | -         | 2       | 1        | -      | -        | -         |
| 152           | Phlegmon and acute abscess-----   | 1            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 153           | Other diseases of skin and cellular tissue-----                         | 4            | 2        | -             | -            | -         | 2       | -        | -      | -        | -         |
|               | XIII.—Diseases of the bones, etc.*-----                                 | 4            | -        | 1             | -            | 1         | -       | 1        | -      | 1        | -         |
| 154           | Osteomyelitis and periostitis-----                                      | 1            | -        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 155           | Other diseases of bones (except tuberculosis)-----                      | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 156           | Diseases of joints, other organs of movement-----                       | 2            | -        | 1             | -            | -         | -       | 1        | -      | -        | -         |
|               | XIV.—Congenital malformations-----                                      | 61           | -        | 13            | 2            | 11        | 5       | 24       | -      | 4        | 2         |
| 157a-d        | Congenital malformations of central nervous system-----                 | 18           | -        | 5             | -            | 2         | 2       | 8        | -      | 1        | -         |
| 157e,f        | Congenital malformations of cardiovascular system-----                  | 30           | -        | 6             | 1            | 5         | 2       | 12       | -      | 3        | 1         |
| 157g,h,m      | Other congenital malformations-----                                     | 13           | -        | 2             | 1            | 4         | 1       | 4        | -      | -        | 1         |
|               | XV.—Diseases peculiar to the first year of life-----                    | 268          | 7        | 59            | 6            | 57        | 13      | 85       | 6      | 31       | 4         |
| 158           | Congenital debility (cause not stated)-----                             | 1            | -        | -             | -            | -         | -       | -        | -      | 1        | -         |
| 159           | Premature birth (cause not stated)-----                                 | 168          | 6        | 52            | 3            | 39        | 7       | 57       | 4      | 18       | 2         |
| 160           | Injury at birth-----  | 52           | 1        | 16            | 1            | 8         | 3       | 16       | 1      | 6        | 1         |
| 161           | Other diseases peculiar to first year of life-----                      | 47           | -        | 11            | 2            | 10        | 3       | 13       | 1      | 6        | 1         |
|               | XVI.—Senility-----  | 25           | 3        | -             | 1            | 2         | 1       | 16       | -      | -        | -         |
|               | XVII.—Violent or accidental deaths-----                                 | 344          | 27       | 29            | 5            | 121       | 11      | 98       | 6      | 41       | 5         |
| 163,164       | Suicide-----  | 53           | 1        | 1             | -            | 19        | 1       | 25       | -      | 5        | 1         |
| 163           | Suicide by poisoning-----   | 15           | -        | -             | -            | 6         | 1       | 8        | -      | -        | -         |
| 164           | Suicide by other means-----   | 38           | 1        | 1             | -            | 13        | -       | 17       | -      | 5        | 1         |
| 165-168       | Homicide <sup>1</sup> -----   | 29           | 2        | 5             | -            | 7         | 2       | 3        | -      | 9        | 1         |
| 166           | Homicide by firearms-----   | 5            | -        | -             | -            | 3         | -       | 1        | -      | 1        | -         |
| 167           | Homicide by cutting or piercing instruments-----                        | 12           | -        | 1             | -            | 1         | 1       | 1        | -      | 8        | -         |
| 168           | Homicide by other means-----  | 12           | 2        | 4             | -            | 3         | 1       | 1        | -      | -        | 1         |
| 169-195       | Accidental deaths-----  | 262          | 24       | 23            | 6            | 95        | 8       | 70       | 6      | 27       | 3         |
| 169           | Railway accidents (except collisions with motor vehicles)-----          | 2            | -        | -             | -            | -         | -       | 1        | -      | 1        | -         |
| 170           | Motor-vehicle accidents-----  | 86           | 4        | 10            | 2            | 29        | 5       | 24       | 3      | 9        | -         |
| 170c          | Automobile accidents (except collisions with trains or streetcars)----- | 78           | 4        | 8             | 2            | 24        | 5       | 24       | 2      | 9        | -         |
| 170d          | Motorcycle accidents (except collisions with automobiles)-----          | 8            | -        | 2             | -            | 5         | -       | -        | 1      | -        | -         |
| 171           | Streetcar and other road-transport accidents-----                       | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 171b          | Other and unspecified road-transport accidents-----                     | 1            | -        | 1             | -            | -         | -       | -        | -      | -        | -         |
| 172           | Water-transport accidents-----  | 8            | -        | 2             | -            | 4         | -       | 2        | -      | -        | -         |
| 173           | Air-transport accidents-----  | 25           | -        | -             | -            | 25        | -       | -        | -      | -        | -         |
| 175           | Agricultural and forestry accidents-----                                | 10           | 1        | -             | -            | 2         | -       | 3        | -      | 4        | -         |
| 175a-c        | Agricultural accidents-----   | 9            | 1        | -             | -            | 1         | -       | 3        | -      | 4        | -         |
| 175d,e        | Forestry accidents-----   | 1            | -        | -             | -            | 1         | -       | -        | -      | -        | -         |
| 176           | Other accidents involving machinery-----                                | 2            | -        | -             | -            | -         | 1       | -        | -      | 1        | -         |
| 177           | Food poisoning-----   | 2            | 1        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 179           | Acute accidental poisoning by solids or liquids-----                    | 7            | -        | -             | -            | 5         | -       | 1        | -      | 1        | -         |
| 181           | Accidental burns (except conflagration)-----                            | 8            | 2        | -             | 1            | 1         | -       | 4        | -      | -        | -         |
| 182           | Accidental mechanical suffocation-----                                  | 8            | -        | 1             | -            | 3         | -       | 3        | -      | 1        | -         |
| 183           | Accidental drowning-----  | 36           | 7        | 1             | 1            | 7         | 1       | 13       | -      | 4        | 2         |
| 184           | Accidental injury by firearms-----                                      | 5            | 1        | -             | -            | 3         | -       | -        | -      | 1        | -         |
| 185           | Accidental injury by cutting or piercing instruments-----               | 3            | 1        | -             | -            | 1         | -       | 1        | -      | -        | -         |
| 186           | Accidental injury by fall or crushing-----                              | 32           | 3        | 3             | 2            | 6         | -       | 12       | 3      | 3        | -         |
| 186a          | Accidental injury by fall-----  | 30           | 2        | 3             | 2            | 6         | -       | 11       | 3      | 3        | -         |
| 186b          | Accidental injury by crushing-----                                      | 2            | -        | -             | -            | -         | -       | 1        | -      | -        | -         |
| 188           | Injury by animals (except in agriculture and forestry)-----             | 1            | -        | -             | -            | -         | 1       | -        | -      | -        | -         |
| 193           | Accidents due to electric currents (except lightning)-----              | 9            | 1        | 1             | -            | 5         | -       | -        | -      | 1        | 1         |
| 195           | Other accidents-----  | 17           | 3        | 4             | -            | 4         | -       | 5        | -      | 1        | -         |
| 195d          | Obstruction, suffocation, etc.*-----                                    | 7            | -        | 3             | -            | 1         | -       | 2        | -      | 1        | -         |
| 195e,e        | Other and unspecified accidents-----                                    | 10           | 3        | 1             | -            | 3         | -       | 3        | -      | -        | -         |
|               | XVIII.—Ill-defined and unknown causes-----                              | 70           | 16       | 4             | 2            | 13        | 2       | 10       | 2      | 20       | 1         |
| 200           | Ill-defined and unknown causes-----                                     | 70           | 16       | 4             | 2            | 13        | 2       | 10       | 2      | 20       | 1         |
| 200a          | Ill-defined causes-----   | 6            | 3        | -             | -            | -         | -       | 1        | -      | 2        | -         |
| 200b,c        | Unknown or unspecified causes-----                                      | 64           | 13       | 4             | 2            | 13        | 2       | 9        | 2      | 18       | 1         |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Includes figures for infanticide (165).

TABLE 15.—DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH:  
HAWAII, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH<br>(SEX FOR ALL CAUSES ONLY)                        | Total<br>deaths | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|--|-----------------|------|------|------|------|-----|------|------|------|-------|------|------|------|
|  |                 |      |      |      |      |     |      |      |      |       |      |      |      |
| ALL CAUSES-----  | 3,104           | 288  | 252  | 245  | 250  | 250 | 242  | 249  | 279  | 240.  | 250  | 252  | 297  |
| Male----   | 2,067           | 200  | 155  | 165  | 178  | 174 | 158  | 167  | 183  | 157   | 165  | 172  | 193  |
| Female--   | 1,037           | 88   | 97   | 80   | 72   | 76  | 84   | 82   | 96   | 83    | 85   | 80   | 104  |
| Cerebrospinal (meningococcus) meningitis-----6                     | 1               | -    | -    | -    | -    | -   | -    | 1    | -    | -     | -    | -    | -    |
| Whooping cough-----9   | 4               | 2    | 1    | 1    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Tuberculosis (all forms)-----13-22                                 | 175             | 20   | 15   | 16   | 12   | 12  | 20   | 17   | 10   | 12    | 19   | 9    | 13   |
| Tuberculosis of respiratory system, etc.*-----13                   | 157             | 19   | 13   | 14   | 12   | 9   | 19   | 14   | 9    | 10    | 16   | 8    | 12   |
| Tuberculosis (other forms)-----14-22                               | 18              | 1    | 2    | 2    | -    | 3   | 1    | 3    | 1    | 2     | 1    | 1    | 1    |
| Dysentery-----27   | 2               | -    | 1    | -    | -    | -   | -    | -    | 1    | -     | -    | -    | -    |
| Syphilis-----30  | 30              | 1    | 5    | 4    | 4    | 1   | 3    | -    | -    | 2     | 3    | 3    | 4    |
| Measles-----35   | 1               | -    | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | 1    |
| Cancer and other malignant tumors-----45-55                        | 421             | 35   | 36   | 31   | 25   | 35  | 44   | 33   | 28   | 42    | 33   | 43   | 36   |
| Cancer of the digestive organs and peritoneum-----46               | 234             | 19   | 17   | 12   | 13   | 21  | 24   | 16   | 18   | 27    | 23   | 23   | 23   |
| Cancer of female genital organs-----48,49                          | 41              | 3    | 5    | 3    | 2    | 4   | 4    | 4    | 2    | 4     | 1    | 6    | 3    |
| Cancer of the breast-----50  | 15              | 2    | 1    | 1    | 1    | -   | 1    | 1    | 1    | 1     | 1    | 2    | 3    |
| Cancer (other sites)-----45,47,51-55                               | 131             | 11   | 13   | 15   | 9    | 10  | 15   | 12   | 9    | 10    | 8    | 12   | 7    |
| Acute rheumatic fever-----58                                       | 6               | -    | -    | -    | -    | 2   | 1    | -    | 1    | -     | 1    | 1    | -    |
| Diabetes mellitus-----61   | 104             | 9    | 8    | 9    | 10   | 8   | 10   | 9    | 6    | 9     | 6    | 11   | 9    |
| Exophthalmic goiter-----63b  | 5               | -    | -    | 2    | -    | -   | -    | -    | 1    | 1     | 1    | -    | -    |
| Alcoholism (ethylish)-----77                                       | 8               | 1    | 1    | -    | 1    | 1   | 1    | 1    | 1    | -     | -    | -    | 1    |
| Intracranial lesions of vascular origin-----83                     | 210             | 18   | 18   | 13   | 18   | 16  | 10   | 22   | 23   | 9     | 22   | 21   | 20   |
| Diseases of the heart-----90-95                                    | 608             | 74   | 45   | 44   | 66   | 52  | 50   | 37   | 42   | 46    | 49   | 40   | 63   |
| Chronic rheumatic diseases of the heart-----90a,92b,c,95c,95b      | 34              | 4    | 2    | 3    | 3    | 3   | 4    | 2    | 3    | 2     | 4    | 2    | 2    |
| Diseases of coronary arteries and angina pectoris-----94           | 135             | 14   | 15   | 7    | 13   | 8   | 15   | 10   | 12   | 8     | 9    | 10   | 14   |
| Diseases of heart (other forms)-----90b,91,92a,d,e,95a,b,d,e,95a,c | 439             | 56   | 28   | 34   | 50   | 41  | 31   | 25   | 27   | 36    | 36   | 28   | 47   |
| Arteriosclerosis and high blood pressure*-----97,102               | 26              | 1    | 3    | 4    | 2    | 2   | 2    | 1    | 4    | 2     | 1    | 1    | 3    |
| Pneumonia (all forms) and influenza-----107-109,33                 | 128             | 21   | 16   | 13   | 5    | 7   | 6    | 16   | 9    | 8     | 5    | 10   | 12   |
| Bronchopneumonia-----107   | 74              | 12   | 10   | 9    | 2    | 7   | 3    | 10   | 4    | 5     | -    | 6    | 6    |
| Lobar pneumonia-----108  | 46              | 8    | 6    | 3    | 3    | -   | 1    | 6    | 4    | 3     | 5    | 2    | 5    |
| Pneumonia (unspecified)-----109                                    | 5               | 1    | -    | 1    | -    | -   | 2    | -    | 1    | -     | -    | -    | -    |
| Influenza-----33   | 3               | -    | -    | -    | -    | -   | -    | -    | -    | -     | -    | 2    | 1    |
| Diseases of stomach or duodenum-----117                            | 25              | 4    | 4    | 3    | 1    | 1   | 3    | 1    | 1    | 1     | 2    | 1    | 3    |
| Diarrhea, enteritis, etc.*-----119,120                             | 20              | 3    | 3    | 1    | -    | -   | 2    | 1    | 3    | 1     | 2    | -    | 4    |
| Appendicitis-----121   | 12              | 1    | 2    | -    | 1    | 1   | -    | -    | 3    | 2     | -    | -    | 2    |
| Hernia and intestinal obstruction-----122                          | 20              | 2    | 1    | 1    | -    | 1   | 2    | 3    | 6    | 1     | -    | 3    | -    |
| Cirrhosis of the liver-----124                                     | 35              | 6    | 2    | 3    | 4    | 3   | -    | 2    | 3    | 4     | 1    | 3    | 4    |
| Biliary calculi, etc.*-----126,127                                 | 7               | 2    | -    | -    | 1    | 1   | -    | -    | 1    | -     | -    | 1    | 1    |
| Nephritis-----130-132  | 237             | 29   | 21   | 20   | 23   | 14  | 14   | 16   | 15   | 17    | 17   | 25   | 26   |
| Diseases of prostate-----137                                       | 10              | -    | -    | -    | 1    | 1   | -    | 3    | 2    | 1     | 1    | 1    | 1    |
| Diseases of pregnancy, etc.*-----140-150                           | 16              | -    | -    | 1    | -    | 2   | 1    | 3    | 1    | 1     | 2    | -    | 5    |
| Puerperal septicemia-----140,142a,145A,147                         | 3               | -    | -    | 1    | -    | -   | -    | -    | -    | 1     | -    | -    | 1    |
| Puerperal toxemia-----141a,c,144,148                               | 6               | -    | -    | -    | -    | -   | 1    | 2    | -    | -     | -    | -    | 3    |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,149             | 4               | -    | -    | -    | -    | 2   | -    | -    | -    | -     | 2    | -    | -    |
| Other puerperal causes-----141d,e,f,145B,150                       | 3               | -    | -    | -    | -    | -   | -    | 1    | 1    | -     | -    | -    | 1    |
| Congenital malformations-----157                                   | 61              | 3    | 8    | 3    | 6    | 6   | 5    | 4    | 8    | 5     | 4    | 2    | 7    |
| Diseases peculiar to first year of life-----158-161                | 268             | 19   | 21   | 24   | 25   | 19  | 16   | 23   | 31   | 27    | 22   | 21   | 20   |
| Premature birth-----159  | 168             | 9    | 12   | 16   | 18   | 12  | 9    | 14   | 20   | 16    | 13   | 13   | 16   |
| Other diseases peculiar to first year of life-----158,160,161      | 100             | 10   | 9    | 8    | 7    | 7   | 7    | 9    | 11   | 11    | 9    | 8    | 4    |
| Suicide-----163,164  | 53              | 3    | 5    | 2    | 1    | 6   | 8    | 6    | 4    | 4     | 4    | 6    | 4    |
| Homicide-----165-168   | 29              | 2    | -    | 6    | 1    | 2   | 3    | 1    | 2    | 4     | 3    | 2    | 3    |
| Accidental deaths-----169-195                                      | 262             | 23   | 21   | 17   | 23   | 23  | 14   | 15   | 41   | 19    | 21   | 22   | 23   |
| Motor-vehicle accidents-----170                                    | 86              | 6    | 11   | 10   | 8    | 7   | 3    | 5    | 8    | 3     | 4    | 7    | 14   |
| Other accidents-----169,171-195                                    | 176             | 17   | 10   | 7    | 15   | 16  | 11   | 10   | 33   | 16    | 17   | 15   | 9    |
| Senility, ill-defined and unknown causes-----162,199,200           | 93              | 4    | 2    | 5    | 3    | 14  | 5    | 9    | 16   | 8     | 10   | 11   | 6    |
| All other causes-----  | 227             | 15   | 13   | 22   | 18   | 20  | 22   | 25   | 16   | 14    | 21   | 15   | 26   |

\*Refer to International List for complete title, table IX.  
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VITAL STATISTICS OF THE UNITED STATES

TABLE 16.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                   | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|---------------|---|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
|               | ALL CAUSES-----                                 | 3,104        | 414     | 75     | 38     | 23       | 51       | 82       | 199      | 227      | 374      | 478      | 610      | 405      | 122         | 6          |
|               | Hawaiian and Part-Hawaiian-----                 | 344          | 74      | 15     | 6      | 3        | 8        | 7        | 29       | 26       | 34       | 61       | 46       | 23       | 12          | -          |
|               | Male-----                                       | 291          | 51      | 8      | 6      | 4        | 7        | 6        | 15       | 20       | 36       | 63       | 42       | 25       | 8           | -          |
|               | Female-----                                     | 509          | 46      | 10     | 3      | 3        | 13       | 27       | 41       | 36       | 74       | 88       | 93       | 54       | 17          | 4          |
|               | Caucasian-----                                  | 224          | 31      | 8      | 1      | 1        | 2        | 4        | 11       | 15       | 24       | 30       | 37       | 39       | 20          | 1          |
|               | Male-----                                       | 657          | 61      | 16     | 7      | 7        | 5        | 20       | 33       | 30       | 50       | 101      | 194      | 109      | 24          | -          |
|               | Female-----                                     | 339          | 64      | 8      | 4      | 1        | 4        | 8        | 24       | 19       | 42       | 39       | 69       | 52       | 5           | -          |
|               | Japanese-----                                   | 557          | 50      | 5      | 6      | 2        | 6        | 8        | 34       | 67       | 90       | 74       | 101      | 78       | 27          | -          |
|               | Male-----                                       | 183          | 27      | 5      | 5      | 2        | 6        | 4        | 12       | 14       | 24       | 22       | 28       | 25       | 9           | -          |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 6             | Cerebrospinal (meningococcus) meningitis-----   | 1            | -       | -      | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Caucasian-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   | 1            | -       | -      | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | All other-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 9             | Whooping cough-----                             | 4            | 3       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 | 1            | 1       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     | 1            | -       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Caucasian-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | All other-----                                  | 2            | 2       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 13-22         | Tuberculosis (all forms)-----                   | 175          | -       | 3      | 2      | 2        | 3        | 8        | 27       | 23       | 22       | 39       | 36       | 7        | 1           | -          |
|               | Hawaiian and Part-Hawaiian-----                 | 26           | -       | 1      | -      | -        | -        | -        | 5        | 2        | 5        | 7        | 5        | 1        | -           | -          |
|               | Male-----                                       | 13           | -       | -      | 1      | 1        | 1        | 2        | 3        | 1        | 1        | 1        | 2        | -        | -           | -          |
|               | Female-----                                     | 12           | -       | -      | -      | -        | -        | -        | 3        | 4        | 3        | 1        | -        | -        | -           | -          |
|               | Caucasian-----                                  | 3            | -       | -      | -      | -        | -        | -        | 1        | 1        | 1        | 1        | -        | -        | -           | -          |
|               | Male-----                                       | 51           | -       | 1      | 1      | -        | -        | 3        | 8        | 4        | 2        | 15       | 17       | 3        | -           | -          |
|               | Female-----                                     | 17           | -       | 1      | -      | -        | -        | 8        | 2        | 2        | 3        | 1        | -        | -        | -           | -          |
|               | Japanese-----                                   | 41           | -       | -      | -      | -        | -        | 2        | 2        | 7        | 6        | 8        | 11       | 3        | 1           | -          |
|               | Male-----                                       | 12           | -       | -      | -      | 1        | 1        | 1        | 1        | 2        | 2        | 2        | 2        | -        | -           | -          |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 13            | Tuberculosis of respiratory system, etc. *----- | 157          | -       | -      | 2      | 2        | 1        | 7        | 23       | 19       | 21       | 37       | 37       | 7        | 1           | -          |
|               | Hawaiian and Part-Hawaiian-----                 | 23           | -       | -      | -      | -        | -        | -        | 3        | 2        | 5        | 7        | 5        | 1        | -           | -          |
|               | Male-----                                       | 13           | -       | -      | 1      | 1        | 1        | 2        | 3        | 1        | 1        | 1        | 2        | -        | -           | -          |
|               | Female-----                                     | 11           | -       | -      | -      | -        | -        | -        | 3        | 4        | 3        | 1        | -        | -        | -           | -          |
|               | Caucasian-----                                  | 2            | -       | -      | -      | -        | -        | -        | -        | 1        | 1        | 1        | -        | -        | -           | -          |
|               | Male-----                                       | 47           | -       | -      | 1      | -        | -        | 2        | 4        | 4        | 2        | 15       | 16       | 3        | -           | -          |
|               | Female-----                                     | 14           | -       | -      | -      | -        | -        | 7        | 2        | 2        | 2        | 1        | -        | -        | -           | -          |
|               | Japanese-----                                   | 37           | -       | -      | -      | -        | -        | 2        | 2        | 4        | 6        | 8        | 11       | 3        | 1           | -          |
|               | Male-----                                       | 10           | -       | -      | -      | 1        | -        | 1        | 1        | 1        | 2        | 2        | 2        | -        | -           | -          |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 14-22         | Tuberculosis (other forms)-----                 | 18           | -       | 3      | -      | -        | 2        | 1        | 4        | 4        | 1        | 2        | 1        | -        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 | 5            | -       | 1      | -      | -        | -        | -        | 2        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Caucasian-----                                  | 1            | -       | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   | 4            | -       | 1      | -      | -        | -        | 1        | 1        | -        | -        | -        | 1        | -        | -           | -          |
|               | Male-----                                       | 3            | -       | 1      | -      | -        | -        | -        | 1        | -        | -        | -        | 1        | -        | -           | -          |
|               | Female-----                                     | 4            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | All other-----                                  | 2            | -       | -      | -      | -        | 1        | -        | -        | 3        | -        | 1        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 27            | Dysentery-----                                  | 2            | 1       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     | 2            | 1       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Caucasian-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | All other-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 30            | Syphilis-----                                   | 30           | -       | -      | -      | -        | -        | -        | 1        | 1        | 8        | 11       | 7        | 2        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 | 7            | -       | -      | -      | -        | -        | -        | 1        | -        | 4        | 2        | -        | -        | -           | -          |
|               | Male-----                                       | 8            | -       | -      | -      | -        | -        | -        | -        | 1        | 4        | 4        | 2        | -        | -           | -          |
|               | Female-----                                     | 5            | -       | -      | -      | -        | -        | -        | -        | -        | 2        | 1        | 1        | 1        | -           | -          |
|               | Caucasian-----                                  | 1            | -       | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           | -          |
|               | Male-----                                       | 3            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 1        | 2        | -        | -           | -          |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   | 6            | -       | -      | -      | -        | -        | -        | -        | -        | 3        | 2        | 1        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 35            | Measles-----                                    | 1            | 1       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Caucasian-----                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Japanese-----                                   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | All other-----                                  | 1            | 1       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Male-----                                       |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|               | Female-----                                     |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 45-55         | Cancer and other malignant tumors-----          | 421          | -       | 4      | 1      | 1        | 7        | 3        | 8        | 35       | 64       | 98       | 136      | 58       | 5           | 1          |
|               | Hawaiian and Part-Hawaiian-----                 | 25           | -       | 1      | -      | -        | 1        | -        | 2        | 3        | 4        | 8        | 5        | 1        | -           | -          |
|               | Male-----                                       | 28           | -       | -      | -      | -        | 2        |          |          |          |          |          |          |          |             |            |

TABLE 16.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948—Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.         | CAUSE OF DEATH, RACE, AND SEX                  | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|-----------------------|--|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 46                    | Cancer and other malignant tumors—Continued    |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Cancer of the digestive organs and peritoneum— | 234          |         |        |        |          | 2        |          | 5        | 17       | 35       | 55       | 77       | 39       | 3           | 1          |
|                       | Hawaiian and Part-Hawaiian—Male                | 12           |         |        |        | 1        |          | 1        | 3        | 1        | 4        | 4        | 1        | 1        |             |            |
|                       | Female   | 6            |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Caucasian—Male                                 | 30           |         |        |        | 1        |          |          | 4        | 6        | 4        | 10       | 4        | 1        | 1           |            |
|                       | Female   | 18           |         |        |        |          |          | 1        |          | 2        | 5        | 8        | 2        | 1        | 1           |            |
|                       | Japanese—Male                                  | 88           |         |        |        |          |          | 1        | 1        | 12       | 28       | 32       | 14       |          |             |            |
|                       | Female   | 32           |         |        |        |          |          |          | 1        | 5        | 7        | 11       | 8        |          |             |            |
|                       | All other—Male                                 | 40           |         |        |        |          |          | 2        | 6        | 8        | 3        | 14       | 6        | 1        |             |            |
|                       | Female   | 8            |         |        |        |          |          |          | 2        | 1        |          |          | 4        |          |             |            |
| 48, 49                | Cancer of female genital organs—               | 41           |         |        |        |          |          | 1        |          | 11       | 7        | 5        | 16       | 1        |             |            |
|                       | Hawaiian and Part-Hawaiian—Female              | 8            |         |        |        |          |          |          | 3        | 1        | 1        | 3        |          |          |             |            |
|                       | Caucasian—Female                               | 9            |         |        |        |          |          |          | 3        | 2        |          | 4        |          |          |             |            |
|                       | Japanese—Female                                | 20           |         |        |        |          | 1        |          | 4        | 4        | 3        | 7        | 1        |          |             |            |
|                       | All other—Female                               | 4            |         |        |        |          |          |          | 1        |          | 1        | 2        |          |          |             |            |
| 50                    | Cancer of breast—                              | 15           |         |        |        |          |          |          | 1        | 1        | 4        | 2        | 3        | 4        |             |            |
|                       | Hawaiian and Part-Hawaiian—Male                |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 6            |         |        |        |          |          |          | 1        |          | 3        |          | 1        | 1        |             |            |
|                       | Caucasian—Male                                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 4            |         |        |        |          |          |          |          |          | 1        | 1        | 1        | 1        |             |            |
|                       | Japanese—Male                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 4            |         |        |        |          |          |          | 1        |          |          | 1        | 1        | 1        |             |            |
|                       | All other—Male                                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          |          |          |          |          |          | 1        |             |            |
| 45, 47, 51-55         | Cancer (other sites)—                          | 131          |         | 4      | 1      | 1        | 5        | 2        | 2        | 6        | 16       | 36       | 40       | 14       | 2           |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 13           |         | 1      |        |          |          |          | 1        |          | 3        | 4        | 4        |          |             |            |
|                       | Female   | 8            |         |        |        |          | 2        |          |          |          |          |          | 1        | 1        |             |            |
|                       | Caucasian—Male                                 | 25           |         | 1      |        |          | 1        |          |          |          | 4        | 5        | 8        | 5        | 1           |            |
|                       | Female   | 7            |         | 1      |        |          |          |          |          |          | 2        | 3        | 1        |          |             |            |
|                       | Japanese—Male                                  | 32           |         | 1      |        | 1        | 1        | 1        |          | 2        | 1        | 8        | 13       | 4        |             |            |
|                       | Female   | 11           |         |        |        |          |          | 1        |          | 1        | 2        | 3        | 3        | 1        |             |            |
|                       | All other—Male                                 | 31           |         |        |        |          | 1        |          | 1        | 3        | 6        | 8        | 9        | 3        |             |            |
|                       | Female   | 4            |         |        | 1      |          |          |          |          |          |          | 1        | 1        |          | 1           |            |
| 58                    | Acute rheumatic fever—                         | 6            |         |        | 1      | 3        |          |          |          |          |          |          |          |          |             |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 2            |         |        |        | 2        |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 2            |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Caucasian—Male                                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Japanese—Male                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | All other—Male                                 | 2            |         |        | 1      | 1        |          |          |          |          |          |          |          |          |             |            |
|                       | Female   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 61                    | Diabetes mellitus—                             | 104          |         |        |        |          | 1        |          | 3        | 3        | 16       | 22       | 37       | 21       | 1           |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 9            |         |        |        |          |          |          |          |          | 1        | 2        | 4        | 2        |             |            |
|                       | Female   | 17           |         |        |        |          | 1        |          |          |          | 3        | 7        | 3        | 3        |             |            |
|                       | Caucasian—Male                                 | 8            |         |        |        |          |          |          |          |          | 1        | 2        | 2        | 3        |             |            |
|                       | Female   | 14           |         |        |        |          |          | 1        |          |          | 1        | 5        | 5        | 2        |             |            |
|                       | Japanese—Male                                  | 15           |         |        |        |          |          | 1        |          | 1        |          | 1        | 7        | 5        |             |            |
|                       | Female   | 15           |         |        |        |          |          |          |          |          | 2        | 3        | 7        | 3        |             |            |
|                       | All other—Male                                 | 13           |         |        |        |          |          |          | 1        | 4        | 1        | 6        | 1        |          |             |            |
|                       | Female   | 13           |         |        |        |          |          | 1        | 1        | 4        | 1        | 3        | 2        |          |             |            |
| 65b                   | Exophthalmic goiter—                           | 5            |         |        |        |          |          |          |          | 1        | 2        | 2        |          |          |             |            |
|                       | Hawaiian and Part-Hawaiian—Male                |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Caucasian—Male                                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          |          |          |          | 1        |          |          |             |            |
|                       | Japanese—Male                                  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          |          |          |          | 1        |          |          |             |            |
|                       | All other—Male                                 |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 3            |         |        |        |          |          |          | 1        | 2        |          |          |          |          |             |            |
| 77                    | Alcoholism (ethylism)—                         | 8            |         |        |        |          |          |          | 3        | 2        | 2        | 1        |          |          |             |            |
|                       | Hawaiian and Part-Hawaiian—Male                |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          | 1        |          |          |          |          |          |             |            |
|                       | Caucasian—Male                                 | 2            |         |        |        |          |          |          | 1        | 1        |          |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          | 1        |          |          |          |          |          |             |            |
|                       | Japanese—Male                                  | 2            |         |        |        |          |          |          |          |          | 1        | 1        |          |          |             |            |
|                       | Female   |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
|                       | All other—Male                                 | 1            |         |        |        |          |          |          |          |          | 1        |          |          |          |             |            |
|                       | Female   | 1            |         |        |        |          |          |          |          | 1        |          |          |          |          |             |            |
| 85                    | Intracranial lesions of vascular origin—       | 210          |         |        |        |          |          |          |          | 13       | 59       | 45       | 55       | 45       | 13          |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 16           |         |        |        |          |          |          |          | 1        | 2        | 6        | 3        | 3        | 1           |            |
|                       | Female   | 18           |         |        |        |          |          |          |          | 1        | 5        | 7        | 2        | 3        |             |            |
|                       | Caucasian—Male                                 | 24           |         |        |        |          |          |          |          | 1        | 4        | 8        | 6        | 4        | 1           |            |
|                       | Female   | 13           |         |        |        |          |          |          |          | 2        | 2        | 1        | 3        | 2        | 3           |            |
|                       | Japanese—Male                                  | 60           |         |        |        |          |          |          |          |          | 5        | 9        | 26       | 16       | 4           |            |
|                       | Female   | 25           |         |        |        |          |          |          |          |          | 6        | 1        | 8        | 9        | 1           |            |
|                       | All other—Male                                 | 45           |         |        |        |          |          |          |          | 7        | 12       | 11       | 5        | 6        | 2           |            |
|                       | Female   | 11           |         |        |        |          |          |          |          | 1        | 3        | 2        | 2        | 2        | 1           |            |
| 90-95                 | Diseases of the heart—                         | 808          |         | 3      | 3      | 2        | 1        | 2        | 18       | 28       | 79       | 131      | 171      | 127      | 43          |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 62           |         | 1      | 1      |          |          | 1        | 3        | 3        | 9        | 17       | 15       | 8        | 4           |            |
|                       | Female   | 59           |         |        |        | 1        |          |          | 2        | 6        | 19       | 16       | 7        | 4        |             |            |
|                       | Caucasian—Male                                 | 132          |         |        |        |          |          |          | 1        | 8        | 20       | 41       | 39       | 18       | 5           |            |
|                       | Female   | 65           |         |        |        | 1        |          |          | 4        | 2        | 5        | 10       | 10       | 22       | 11          |            |
|                       | Japanese—Male                                  | 113          |         | 1      | 1      |          |          |          | 2        | 4        | 11       | 13       | 44       | 31       | 6           |            |
|                       | Female   | 50           |         |        |        |          |          |          | 1        | 2        | 6        | 10       | 15       | 12       | 2           |            |
|                       | All other—Male                                 | 93           |         | 1      | 1      |          | 1        |          |          | 5        | 14       | 24       | 23       | 10       |             |            |
|                       | Female   | 34           |         |        |        |          |          | 1        | 5        | 2        | 4        | 7        | 8        | 6        | 1           |            |
| 90a, 92b, c, 93c, 95b | Chronic rheumatic diseases of the heart—       | 34           |         |        | 3      | 1        | 1        | 1        | 8        | 4        | 7        |          | 4        | 5        |             |            |
|                       | Hawaiian and Part-Hawaiian—Male                | 5            |         |        | 1      |          |          | 1        | 1        |          | 2        |          |          |          |             |            |
|                       | Female   | 2            |         |        |        |          |          |          | 1        | 1        |          |          |          |          |             |            |
|                       | Caucasian—Male                                 | 3            |         |        |        |          |          |          | 1        |          |          |          | 2        |          |             |            |
|                       | Female   | 4            |         |        |        | 1        |          |          | 1        |          | 1        |          |          | 1        |             |            |
|                       | Japanese—Male                                  | 6            |         |        | 1      |          |          |          | 1        |          |          |          | 2        |          |             |            |
|                       | Female   | 6            |         |        |        |          |          |          | 1        | 1        | 2        |          |          |          |             |            |
|                       | All other—Male                                 | 3            |         |        | 1      |          | 1        |          |          | 1        |          |          |          |          |             |            |
|                       | Female   | 5            |         |        |        |          |          |          | 4        |          | 1        |          |          |          |             |            |



SUPPLEMENT-HAWAII

TABLE 16.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948-Continued  
(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.           | CAUSE OF DEATH, RACE, AND SEX     | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|-------------------------|-----------------------------------|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 121                     | Appendicitis                      | 12           | -       | 1      | -      | 1        | 1        | -        | 1        | 1        | 1        | 1        | 4        | 1        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                         | Caucasian                         | 2            | -       | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | 1        | -           | -          |
|                         | Female                            | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|                         | Japanese                          | 3            | -       | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | 4        | -           | -          |
| 122                     | Hernia and intestinal obstruction | 20           | 3       | 2      | -      | -        | -        | -        | 1        | 2        | 3        | -        | 2        | 6        | 1           | -          |
|                         | Hawaiian and Part-Hawaiian        | 3            | 1       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | 1           | -          |
|                         | Female                            | 2            | -       | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 2            | -       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                         | Female                            | 3            | -       | -      | -      | -        | -        | -        | -        | 1        | 1        | -        | -        | 1        | -           | -          |
|                         | Japanese                          | 3            | -       | 1      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | 1        | -           | -          |
| 124                     | Cirrhosis of the liver            | 35           | -       | -      | -      | -        | -        | -        | 3        | 5        | 6        | 12       | 2        | 6        | 1           | -          |
|                         | Hawaiian and Part-Hawaiian        | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 2        | -        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 13           | -       | -      | -      | -        | -        | -        | 1        | 1        | 2        | 7        | 1        | 1        | -           | -          |
|                         | Female                            | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 10           | -       | -      | -      | -        | -        | -        | -        | 3        | 2        | 1        | -        | 3        | 1           | -          |
| 126,127                 | Biliary calculi, etc.*            | 7            | -       | -      | -      | -        | -        | -        | -        | -        | 2        | -        | 3        | 1        | 1           | -          |
|                         | Hawaiian and Part-Hawaiian        | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 3            | -       | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | 1        | 1           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                         | Japanese                          | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
| 130-132                 | Nephritis                         | 237          | 1       | 4      | -      | 1        | 3        | 4        | 16       | 20       | 32       | 35       | 67       | 39       | 15          | -          |
|                         | Hawaiian and Part-Hawaiian        | 20           | 1       | -      | -      | -        | -        | -        | 1        | 2        | 1        | 6        | 5        | 1        | 3           | -          |
|                         | Female                            | 27           | -       | -      | -      | -        | -        | -        | 3        | 3        | 5        | 7        | 5        | 3        | 1           | -          |
|                         | Caucasian                         | 30           | -       | 2      | -      | -        | -        | -        | 2        | 1        | 5        | 6        | 11       | 3        | -           | -          |
|                         | Female                            | 7            | -       | -      | -      | -        | -        | -        | -        | 3        | 1        | 2        | 1        | -        | -           | -          |
|                         | Japanese                          | 41           | -       | 1      | -      | 1        | -        | -        | 2        | 1        | 2        | 5        | 17       | 10       | 2           | -          |
| 137                     | Diseases of the prostate          | 10           | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 4        | 6        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|                         | Female                            | 7            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 3        | 4        | -           | -          |
|                         | Caucasian                         | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|                         | Japanese                          | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 140-150                 | Diseases of pregnancy, etc.*      | 16           | -       | -      | -      | -        | 1        | 5        | 8        | 1        | 1        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 5            | -       | -      | -      | -        | -        | 2        | 2        | -        | 1        | -        | -        | -        | -           | -          |
|                         | Female                            | 4            | -       | -      | -      | -        | -        | 2        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 5            | -       | -      | -      | -        | -        | 1        | 4        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 2            | -       | -      | -      | -        | 1        | 1        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 140,142a, 145A, 147     | Puerperal septicemia              | 3            | -       | -      | -      | -        | 1        | -        | 2        | -        | -        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 2            | -       | -      | -      | -        | -        | -        | 2        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 141a,c, 144,148         | Puerperal toxemia                 | 6            | -       | -      | -      | -        | -        | 2        | 4        | -        | -        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 3            | -       | -      | -      | -        | -        | 1        | 2        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 3            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 3            | -       | -      | -      | -        | -        | 1        | 2        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 141b,142b, 143,146, 148 | Hemorrhage, trauma or shock*      | 4            | -       | -      | -      | -        | -        | 2        | 1        | -        | 1        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 2            | -       | -      | -      | -        | -        | 1        | -        | -        | 1        | -        | -        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 1            | -       | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
| 141d,e,f, 145B,150      | Other puerperal causes            | 3            | -       | -      | -      | -        | -        | 1        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 3            | -       | -      | -      | -        | -        | 1        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 157                     | Congenital malformations          | 61           | 46      | 8      | 2      | 3        | -        | -        | 2        | -        | -        | -        | -        | -        | -           | -          |
|                         | Hawaiian and Part-Hawaiian        | 11           | 9       | -      | 1      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 2            | 1       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Caucasian                         | 4            | 3       | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 7            | 6       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Japanese                          | 9            | 5       | 1      | 1      | 1        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
| All other               | Male                              | 15           | 12      | 3      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                         | Female                            | 5            | 5       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |

\*Refer to International List for complete title, table II.

VITAL STATISTICS OF THE UNITED STATES

TABLE 16.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1948—Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. list No. | CAUSE OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|---------------|---|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 158-161       | Diseases peculiar to first year of life-----      | 268          | 268     | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Hawaiian and Part-Hawaiian-----Male----           | 35           | 35      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 31           | 31      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Caucasian-----Male----                            | 36           | 36      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 21           | 21      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Japanese-----Male----                             | 44           | 44      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 41           | 41      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | All other-----Male----                            | 41           | 41      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 19           | 19      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
| 159           | Premature birth-----                              | 168          | 168     | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Hawaiian and Part-Hawaiian-----Male----           | 21           | 21      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 17           | 17      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Caucasian-----Male----                            | 29           | 29      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 11           | 11      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Japanese-----Male----                             | 32           | 32      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 25           | 25      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | All other-----Male----                            | 22           | 22      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 12           | 12      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
| 158,160, 161  | Other diseases peculiar to first year of life---- | 100          | 100     | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Hawaiian and Part-Hawaiian-----Male----           | 14           | 14      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 14           | 14      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Caucasian-----Male----                            | 8            | 8       | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 10           | 10      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Japanese-----Male----                             | 12           | 12      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 16           | 16      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | All other-----Male----                            | 19           | 19      | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|               | Female-----                                       | 7            | 7       | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
| 163,164       | Suicide-----                                      | 53           | -       | -      | -      | -        | 2        | 7        | 10       | 12       | 7        | 7        | 5        | 1        | 2           | -          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 2        | -        | -           | -          |
|               | Female-----                                       | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Caucasian-----Male----                            | 16           | -       | -      | -      | -        | -        | 4        | 2        | 4        | 3        | 1        | 2        | -        | -           | -          |
|               | Female-----                                       | 3            | -       | -      | -      | -        | -        | -        | 2        | 2        | 1        | 1        | -        | -        | -           | -          |
|               | Japanese-----Male----                             | 20           | -       | -      | -      | -        | 2        | 6        | 2        | 2        | 4        | 1        | 1        | 2        | -           | -          |
|               | Female-----                                       | 5            | -       | -      | -      | -        | 1        | 1        | 1        | 1        | 1        | -        | -        | -        | -           | -          |
|               | All other-----Male----                            | 7            | -       | -      | -      | -        | 1        | -        | 1        | 3        | 2        | -        | -        | -        | -           | -          |
|               | Female-----                                       | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 165-168       | Homicide-----                                     | 29           | -       | 1      | -      | 1        | 1        | 2        | 10       | 6        | 5        | 1        | 1        | -        | -           | 1          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 5            | -       | 1      | -      | 1        | -        | -        | 1        | 1        | 1        | -        | -        | -        | -           | -          |
|               | Female-----                                       | 2            | -       | -      | -      | -        | -        | -        | 2        | 2        | -        | -        | -        | -        | -           | -          |
|               | Caucasian-----Male----                            | 6            | -       | -      | -      | -        | -        | 2        | 3        | 1        | -        | -        | -        | -        | -           | -          |
|               | Female-----                                       | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|               | Japanese-----Male----                             | 2            | -       | -      | -      | -        | -        | -        | 1        | -        | 1        | -        | -        | -        | -           | -          |
|               | Female-----                                       | 1            | -       | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|               | All other-----Male----                            | 11           | -       | -      | -      | -        | -        | 4        | 2        | 3        | 1        | -        | -        | -        | -           | 1          |
|               | Female-----                                       | 1            | -       | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 169-195       | Accidental deaths-----                            | 262          | 12      | 19     | 8      | 3        | 17       | 34       | 60       | 26       | 29       | 19       | 15       | 13       | 3           | 4          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 38           | 2       | 6      | -      | 1        | 3        | 3        | 12       | 5        | 3        | 2        | -        | 1        | -           | -          |
|               | Female-----                                       | 9            | 1       | -      | 2      | -        | 1        | -        | 3        | 1        | -        | -        | -        | 1        | -           | -          |
|               | Caucasian-----Male----                            | 94           | 3       | 3      | 1      | -        | 7        | 20       | 24       | 7        | 7        | 4        | -        | 3        | 1           | 4          |
|               | Female-----                                       | 11           | -       | 2      | 1      | -        | -        | 1        | 2        | 1        | 2        | -        | -        | 1        | 1           | -          |
|               | Japanese-----Male----                             | 58           | 4       | 5      | 3      | 1        | 3        | 8        | 10       | 4        | 7        | 4        | 8        | 1        | 1           | -          |
|               | Female-----                                       | 12           | 1       | 1      | -      | -        | -        | 2        | 2        | 1        | 3        | 2        | 2        | 2        | -           | -          |
|               | All other-----Male----                            | 42           | 1       | 1      | 1      | 1        | 2        | 2        | 9        | 6        | 7        | 5        | 4        | 2        | 1           | -          |
|               | Female-----                                       | 8            | -       | 1      | -      | -        | 1        | -        | 1        | -        | 1        | 1        | 2        | -        | -           | -          |
| 170           | Motor-vehicle accidents-----                      | 86           | -       | 9      | 4      | 1        | 9        | 15       | 17       | 2        | 16       | 3        | 6        | 4        | -           | -          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 11           | -       | 2      | -      | -        | 1        | 1        | 5        | -        | 2        | -        | -        | -        | -           | -          |
|               | Female-----                                       | 3            | -       | -      | 2      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           | -          |
|               | Caucasian-----Male----                            | 25           | -       | 2      | -      | -        | 4        | 10       | 5        | 1        | 3        | -        | -        | -        | -           | -          |
|               | Female-----                                       | 4            | -       | -      | 1      | -        | -        | -        | -        | -        | 2        | -        | -        | 1        | -           | -          |
|               | Japanese-----Male----                             | 20           | -       | 4      | 1      | -        | 2        | 4        | 3        | 1        | 3        | -        | 2        | -        | -           | -          |
|               | Female-----                                       | 4            | -       | -      | -      | -        | -        | 1        | 1        | -        | 1        | -        | -        | 1        | -           | -          |
|               | All other-----Male----                            | 13           | -       | -      | -      | 1        | 1        | -        | 2        | -        | 3        | 1        | 3        | 2        | -           | -          |
|               | Female-----                                       | 6            | -       | 1      | -      | -        | 1        | -        | 1        | -        | 1        | 1        | 1        | -        | -           | -          |
| 169, 171-195  | Other accidents-----                              | 176          | 12      | 10     | 4      | 2        | 8        | 19       | 43       | 24       | 13       | 16       | 9        | 9        | 3           | 4          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 27           | 2       | 4      | -      | 1        | 2        | 2        | 7        | 5        | 1        | 2        | -        | 1        | -           | -          |
|               | Female-----                                       | 6            | 1       | -      | -      | -        | 1        | -        | 3        | -        | -        | -        | -        | 1        | -           | -          |
|               | Caucasian-----Male----                            | 59           | 3       | 2      | 1      | -        | 3        | 10       | 19       | 6        | 4        | 4        | -        | 3        | 1           | 4          |
|               | Female-----                                       | 7            | -       | 1      | -      | -        | -        | 1        | 2        | 1        | 1        | -        | -        | -        | 1           | -          |
|               | Japanese-----Male----                             | 38           | 4       | 1      | 2      | 1        | 1        | 4        | 7        | 3        | 4        | 4        | 6        | 1        | -           | -          |
|               | Female-----                                       | 8            | 1       | 1      | -      | -        | -        | 1        | -        | -        | 2        | 2        | 1        | -        | -           | -          |
|               | All other-----Male----                            | 29           | 1       | 1      | 1      | -        | 1        | 2        | 7        | 6        | 4        | 4        | 1        | -        | 1           | -          |
|               | Female-----                                       | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 2        | -        | -           | -          |
| 162,199, 200  | Senility, ill-defined and unknown causes-----     | 93           | 4       | 1      | 2      | -        | -        | 4        | 4        | 13       | 13       | 14       | 6        | 21       | 11          | -          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 16           | 2       | 1      | 2      | -        | -        | -        | -        | 3        | 1        | 2        | 1        | 2        | 2           | -          |
|               | Female-----                                       | 7            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 2        | -        | 4        | 1           | -          |
|               | Caucasian-----Male----                            | 13           | -       | -      | -      | -        | -        | -        | 1        | 1        | 5        | 4        | -        | 1        | 1           | -          |
|               | Female-----                                       | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | 1        | -           | -          |
|               | Japanese-----Male----                             | 21           | -       | -      | -      | -        | -        | 3        | 1        | 2        | 2        | -        | 2        | 6        | 3           | -          |
|               | Female-----                                       | 5            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 2        | 2           | -          |
|               | All other-----Male----                            | 28           | 1       | -      | -      | -        | -        | 1        | 2        | 6        | 5        | 6        | 1        | 3        | 1           | -          |
|               | Female-----                                       | 3            | -       | -      | -      | -        | -        | -        | -        | 1        | -        | 1        | -        | -        | 1           | -          |
|               | All other causes-----                             | 227          | 18      | 17     | 16     | 5        | 12       | 13       | 12       | 24       | 32       | 21       | 28       | 17       | 12          | -          |
|               | Hawaiian and Part-Hawaiian-----Male----           | 28           | 2       | 2      | 2      | 1        | 2        | 3        | 2        | 3        | 2        | 4        | 5        | -        | -           | -          |
|               | Female-----                                       | 26           | 2       | 2      | 3      | -        | 2        | 2        | 1        | 2        | 6        | 4        | 1        | -        | 1           | -          |
|               | Caucasian-----Male----                            | 33           | -       | 3      | 2      | -        | 3        | 2        | 2        | 1        | 7        | 2        | 6        | 2        | 3           | -          |
|               | Female-----                                       | 19           | 2       | 2      | -      | -        | 2        | 1        | 1        | 1        | 1        | 1        | 1        | 3        | 2           | -          |
|               | Japanese-----Male----                             | 42           | 4       | 4      | 4      | 2        | 2        | 3        | 1        | 3        | 1        | 6        | 12       | 3        | 3           | -          |
|               | Female-----                                       | 24           | 4       | 2      | 4      | -        | -        | 2        | 1        | 1        | 5        | 1        | 1        | 5        | 4           | -          |
|               | All other causes-----Male----                     | 41           | 3       | -      | 2      | -        | 1        | 1        | 5        | 10       | 8        | 1        | 1        | 5        | -           | -          |
|               | Female-----                                       | 14           | 1       | 2      | 3      | -        | 1        | -        | -        | 2        | 2        | 2        | -        | 1        | -           | -          |

TABLE 17.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: HAWAII, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 14, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH                                    | Total deaths                   | Deaths not in institutions | Deaths in institutions <sup>1</sup> | TYPE OF SERVICE   |                         |   |                     |                             |
|---|--------------------------------|----------------------------|-------------------------------------|-------------------|-------------------------|---|---------------------|-----------------------------|
|   |                                |                            |                                     | General hospitals | Tuber-culosis hospitals | Other non-resident hospitals and institutions | Mental institutions | Other resident institutions |
| ALL CAUSES  | 3,104                          | 976                        | 2,128                               | 1,621             | 131                     | 265   | 60                  | 17                          |
| Cerebrospinal (meningococcus) meningitis          | 6                              | 1                          | 5                                   | 1                 | -                       | -   | -                   | -                           |
| Whooping cough                                    | 9                              | 4                          | 5                                   | 2                 | -                       | -   | -                   | -                           |
| Tuberculosis (all forms)                          | 175                            | 15                         | 160                                 | 36                | 114                     | 6   | 4                   | -                           |
| Tuberculosis of respiratory system, etc.*         | 157                            | 14                         | 143                                 | 29                | 109                     | 2   | 4                   | -                           |
| Tuberculosis (other forms)                        | 19                             | 1                          | 17                                  | 6                 | 5                       | 4   | -                   | -                           |
| Dysentery   | 27                             | 2                          | 25                                  | 19                | 2                       | 2   | 5                   | -                           |
| Syphilis  | 30                             | 3                          | 27                                  | 19                | 2                       | 2   | 5                   | -                           |
| Measles   | 35                             | 1                          | 34                                  | -                 | -                       | 1   | -                   | -                           |
| Cancer and other malignant tumors                 | 45-55                          | 421                        | 107                                 | 314               | 265                     | 7   | 39                  | 2                           |
| Cancer of the digestive organs and peritoneum     | 46                             | 234                        | 67                                  | 167               | 146                     | 3   | 17                  | 1                           |
| Cancer of female genital organs                   | 48,49                          | 41                         | 11                                  | 30                | 26                      | -   | 4                   | -                           |
| Cancer of the breast                              | 50                             | 15                         | 5                                   | 10                | 8                       | -   | 1                   | 1                           |
| Cancer (other sites)                              | 45,47,51-55                    | 131                        | 24                                  | 107               | 85                      | 4   | 17                  | -                           |
| Acute rheumatic fever                             | 58                             | 6                          | -                                   | 2                 | -                       | -   | 4                   | -                           |
| Diabetes mellitus                                 | 61                             | 104                        | 35                                  | 69                | 53                      | -   | 13                  | 1                           |
| Exophthalmic goiter                               | 63b                            | 5                          | -                                   | 5                 | 5                       | -   | -                   | 2                           |
| Alcoholism (ethyilism)                            | 77                             | 8                          | 5                                   | 3                 | 3                       | -   | -                   | -                           |
| Intracranial lesions of vascular origin           | 83                             | 210                        | 75                                  | 135               | 127                     | -   | 3                   | 4                           |
| Diseases of the heart                             | 90-95                          | 608                        | 294                                 | 314               | 270                     | 2   | 14                  | 19                          |
| Chronic rheumatic diseases of the heart           | 90a,92b,c,93c,95b              | 54                         | 8                                   | 26                | 24                      | -   | 2                   | -                           |
| Diseases of coronary arteries and angina pectoris | 94                             | 135                        | 78                                  | 57                | 46                      | 1   | 4                   | 5                           |
| Diseases of the heart (other forms)               | 90b,91,92a,d,e,95a,b,d,e,95a,c | 439                        | 208                                 | 231               | 200                     | 1   | 8                   | 14                          |
| Arteriosclerosis and high blood pressure*         | 97,102                         | 26                         | 9                                   | 17                | 13                      | -   | 1                   | 2                           |
| Pneumonia (all forms) and influenza               | 107-109,33                     | 128                        | 40                                  | 88                | 60                      | -   | 15                  | 12                          |
| Bronchopneumonia                                  | 107                            | 74                         | 29                                  | 45                | 28                      | -   | 10                  | 6                           |
| Lobar pneumonia                                   | 108                            | 46                         | 10                                  | 36                | 26                      | -   | 4                   | 6                           |
| Pneumonia (unspecified)                           | 109                            | 5                          | 1                                   | 4                 | 4                       | -   | 1                   | 1                           |
| Influenza   | 33                             | 3                          | -                                   | 3                 | 2                       | -   | -                   | -                           |
| Ulcer of stomach or duodenum                      | 117                            | 25                         | 3                                   | 22                | 20                      | 1   | 1                   | 1                           |
| Diarrhea, enteritis, etc.*                        | 119,120                        | 20                         | 4                                   | 16                | 13                      | -   | 1                   | -                           |
| Appendicitis                                      | 121                            | 12                         | 1                                   | 11                | 11                      | -   | 1                   | 2                           |
| Hernia and intestinal obstruction                 | 122                            | 20                         | 1                                   | 19                | 17                      | -   | -                   | 1                           |
| Cirrhosis of the liver                            | 124                            | 35                         | 6                                   | 29                | 27                      | -   | 1                   | 1                           |
| Biliary calculi, etc.*                            | 126,127                        | 7                          | 1                                   | 6                 | 6                       | -   | -                   | -                           |
| Nephritis   | 130-132                        | 237                        | 43                                  | 194               | 119                     | -   | 66                  | 1                           |
| Diseases of the prostate                          | 137                            | 10                         | 1                                   | 9                 | 9                       | -   | -                   | 7                           |
| Diseases of pregnancy, etc.*                      | 140-150                        | 16                         | 2                                   | 14                | 14                      | -   | -                   | -                           |
| Puerperal septicemia                              | 140,142a,145A,147              | 3                          | 1                                   | 2                 | 2                       | -   | -                   | -                           |
| Puerperal toxemia                                 | 141a,c,144,148                 | 6                          | -                                   | 6                 | 6                       | -   | -                   | -                           |
| Hemorrhage, trauma or shock*                      | 141b,142b,143,146,149          | 4                          | 1                                   | 3                 | 3                       | -   | -                   | -                           |
| Other puerperal causes                            | 141A,e,f,145B,150              | 3                          | -                                   | 3                 | 3                       | -   | -                   | -                           |
| Congenital malformations                          | 157                            | 61                         | 9                                   | 52                | 33                      | 1   | 16                  | 2                           |
| Diseases peculiar to first year of life           | 158-161                        | 268                        | 7                                   | 261               | 200                     | 1   | 58                  | -                           |
| Premature birth                                   | 159                            | 168                        | 2                                   | 166               | 127                     | -   | 39                  | -                           |
| Other diseases peculiar to first year of life     | 158,160,161                    | 100                        | 5                                   | 95                | 73                      | 1   | 19                  | -                           |
| Suicide   | 163,164                        | 53                         | 45                                  | 8                 | 8                       | -   | -                   | -                           |
| Homicide  | 165-168                        | 29                         | 13                                  | 16                | 15                      | -   | 1                   | -                           |
| Accidental deaths                                 | 169-195                        | 262                        | 129                                 | 133               | 117                     | -   | 12                  | 1                           |
| Motor-vehicle accidents                           | 170                            | 86                         | 37                                  | 49                | 41                      | -   | 5                   | 1                           |
| Other accidents                                   | 169,171-195                    | 176                        | 92                                  | 84                | 76                      | -   | 7                   | -                           |
| Senility, ill-defined and unknown causes          | 162,199,200                    | 93                         | 78                                  | 15                | 13                      | -   | 2                   | -                           |
| All other causes                                  |                                | 227                        | 47                                  | 180               | 144                     | 3   | 28                  | 3                           |

\*Refer to International List for complete title, table IX. <sup>1</sup>Includes deaths occurring in institutions of unknown type.

TABLE 18. DEATHS FROM SELECTED CAUSES: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH  | Hawaii      | HAWAII COUNTY |             |                   | HONOLULU COUNTY |                 | Kauai County | Maui County | Mau County |                   |
|---|-------------|---------------|-------------|-------------------|-----------------|-----------------|--------------|-------------|------------|-------------------|
|   |             | Total         | Hilo (city) | Balance of county | Total           | Honolulu (city) |              |             |            | Balance of county |
| ALL CAUSES  | 3,104       | 520           | 254         | 286               | 2,054           | 1,654           | 400          | 13          | 214        | 303               |
| Cerebrospinal (meningococcus) meningitis              | 6           | 1             | 1           | -                 | -               | 1               | -            | -           | -          | -                 |
| Whooping cough  | 9           | 4             | 1           | 1                 | 2               | 1               | -            | -           | -          | -                 |
| Tuberculosis (all forms)                              | 175         | 26            | 21          | 5                 | 111             | 102             | 9            | 2           | 15         | 21                |
| Dysentery   | 27          | 2             | -           | -                 | 1               | 1               | -            | -           | -          | 1                 |
| Syphilis  | 30          | 8             | 5           | 3                 | 19              | 13              | 5            | -           | 2          | 2                 |
| Measles   | 35          | 1             | -           | -                 | 1               | 1               | -            | -           | -          | -                 |
| Cancer and other malignant tumors                     | 45-55       | 421           | 57          | 25                | 32              | 288             | 254          | 34          | 29         | 47                |
| Acute rheumatic fever                                 | 58          | 6             | -           | -                 | 6               | 6               | -            | -           | -          | -                 |
| Diabetes mellitus                                     | 61          | 104           | 19          | 12                | 7               | 66              | 59           | -           | 14         | 5                 |
| Intracranial lesions of vascular origin               | 83          | 210           | 54          | 15                | 39              | 112             | 88           | 24          | 18         | 26                |
| Diseases of the heart                                 | 90-95       | 608           | 122         | 52                | 70              | 350             | 304          | 76          | 46         | 58                |
| Pneumonia (all forms) and influenza                   | 107-109,33  | 128           | 16          | 11                | 5               | 96              | 69           | 27          | 9          | 7                 |
| Diarrhea, enteritis, and ulceration of intestines     | 119,120     | 20            | 2           | 1                 | 1               | 11              | 9            | 2           | 3          | 4                 |
| Nephritis   | 130-132     | 237           | 28          | 9                 | 19              | 182             | 166          | 16          | 7          | 20                |
| Diseases of pregnancy, childbirth, and the puerperium | 140-150     | 16            | 5           | 4                 | 1               | 9               | 6            | 3           | -          | 2                 |
| Congenital malformations                              | 157         | 61            | 11          | 3                 | 8               | 42              | 37           | 5           | 3          | 5                 |
| Premature birth                                       | 159         | 168           | 23          | 13                | 10              | 122             | 97           | 25          | 4          | 19                |
| Other diseases peculiar to early infancy              | 158,160,161 | 100           | 6           | 6                 | 7               | 75              | 62           | 13          | 9          | 10                |
| Suicide   | 163,164     | 53            | 18          | 7                 | 11              | 29              | 23           | 6           | 4          | 2                 |
| Homicide  | 165-168     | 29            | 6           | 4                 | 2               | 22              | 15           | 7           | 1          | -                 |
| Motor-vehicle accidents                               | 170         | 86            | 13          | 5                 | 8               | 57              | 39           | 18          | 4          | 12                |
| Other accidents                                       | 169,171-195 | 176           | 35          | 8                 | 27              | 112             | 57           | 55          | 1          | 22                |
| Senility, ill-defined and unknown causes              | 162,199,200 | 93            | 12          | 2                 | 10              | 67              | 48           | 19          | 11         | 3                 |
| All other causes                                      |             | 375           | 57          | 37                | 27              | 245             | 197          | 48          | 28         | 37                |

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TABLE 19.—DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: HAWAII, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH   | Total deaths under 1 year | Under 1 day | 1 day | 2 days | 3 to 6 days | 7 to 13 days | 14 to 20 days | 21 to 29 days | Under 1 month | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  |
|--|---------------------------|-------------|-------|--------|-------------|--------------|---------------|---------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|  |                           |             |       |        |             |              |               |               |               | mo. |
| ALL CAUSES-----  | 414                       | 186         | 37    | 29     | 32          | 14           | 4             | 10            | 312           | 17  | 15  | 15  | 14  | 7   | 6   | 4   | 4   | 8   | 6   | 6   |
| Whooping cough-----9   | 3                         | -           | -     | -      | -           | -            | -             | -             | -             | 1   | 1   | -   | -   | 1   | -   | -   | -   | -   | -   | -   |
| Dysentery-----27   | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | -   | -   | -   | -   | -   | -   | 1   | -   | -   |
| Measles-----35   | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 1   |
| Diseases of thymus gland-----64                                  | 4                         | 2           | -     | 1      | -           | -            | -             | -             | 3             | -   | -   | -   | -   | -   | -   | -   | -   | 1   | -   | -   |
| Meningitis (not due to meningococcus)-----81                     | 2                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | -   | -   | -   | 1   | -   | -   | 1   | -   | -   |
| Pneumonia (all forms) and influenza-----107-109,33               | 45                        | 1           | -     | 2      | 2           | -            | 1             | -             | 6             | 6   | 10  | 7   | 3   | 2   | 2   | 2   | 1   | 1   | 2   | 3   |
| Bronchopneumonia-----107   | 35                        | 1           | -     | 2      | 1           | -            | 1             | -             | 5             | 3   | 10  | 5   | 2   | 1   | 1   | 2   | 1   | 1   | 2   | 2   |
| Lobar pneumonia-----108  | 6                         | -           | -     | -      | 1           | -            | -             | -             | 1             | 2   | -   | -   | 1   | 1   | -   | -   | -   | -   | -   | 1   |
| Pneumonia (unspecified)-----109                                  | 2                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | 2   | -   | -   | -   | -   | -   | -   | -   | -   |
| Influenza-----33   | 2                         | -           | -     | -      | -           | -            | -             | -             | -             | 1   | -   | -   | -   | 1   | -   | -   | -   | -   | -   | -   |
| Other diseases of respiratory system---104-106,110-114           | 4                         | 1           | -     | -      | -           | -            | -             | -             | 1             | 1   | -   | -   | -   | 2   | -   | -   | -   | -   | -   | -   |
| Diarrhea, enteritis, etc.*-----119                               | 12                        | -           | 1     | -      | -           | -            | 1             | -             | 2             | 2   | 1   | 1   | 3   | -   | 1   | -   | -   | 1   | 1   | -   |
| Intestinal obstruction-----122b                                  | 3                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | -   | -   | -   | 1   | -   | -   | 1   | 1   | -   |
| Other diseases of the digestive system---115,116,118,121,123-129 | 2                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | -   | 1   | -   | -   | 1   | -   | -   | -   | -   |
| Nephritis-----130,131  | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | -   | -   | 1   | -   | -   | -   | -   | -   | -   | -   | -   |
| Congenital malformations-----157                                 | 46                        | 14          | -     | 2      | 3           | 6            | -             | 7             | 32            | 3   | -   | 1   | 5   | 1   | 1   | -   | 1   | 1   | 1   | -   |
| Diseases peculiar to first year of life---158-161                | 268                       | 167         | 36    | 23     | 27          | 7            | 1             | 2             | 263           | 3   | 1   | -   | 1   | -   | -   | -   | -   | -   | -   | -   |
| Congenital debility-----158                                      | 1                         | 1           | -     | -      | -           | -            | -             | -             | 1             | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Premature birth-----159  | 168                       | 110         | 19    | 12     | 15          | 5            | 1             | 2             | 164           | 3   | 1   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Injury at birth-----160  | 52                        | 30          | 10    | 7      | 3           | 1            | -             | -             | 51            | -   | -   | -   | 1   | -   | -   | -   | -   | -   | -   | -   |
| Other diseases peculiar to first year of life---161              | 47                        | 26          | 7     | 4      | 9           | 1            | -             | -             | 47            | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Asphyxia (cause not specified), atelectasis, etc.*---161a        | 39                        | 22          | 7     | 3      | 7           | -            | -             | -             | 39            | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Infection of the umbilicus, etc.*---161b,c                       | 8                         | 4           | -     | 1      | 2           | 1            | -             | -             | 8             | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   |
| Accidental deaths-----169-195                                    | 12                        | -           | -     | -      | -           | -            | 1             | -             | 1             | 1   | 1   | 4   | -   | -   | 1   | -   | 2   | 1   | -   | 1   |
| Accidental mechanical suffocation-----182                        | 4                         | -           | -     | -      | -           | -            | -             | -             | -             | 1   | 1   | 1   | -   | -   | 1   | -   | -   | -   | -   | -   |
| Other accidental deaths-----169-181,183-195                      | 8                         | -           | -     | -      | -           | -            | 1             | -             | 1             | -   | -   | 3   | -   | -   | -   | -   | 2   | 1   | -   | 1   |
| Ill-defined and unknown causes-----199,200                       | 4                         | 1           | -     | 1      | -           | -            | -             | -             | 2             | -   | 1   | -   | 1   | -   | -   | -   | -   | -   | -   | -   |
| All other causes-----  | 6                         | -           | -     | -      | -           | -            | 1             | 1             | 2             | -   | -   | 1   | 1   | -   | -   | -   | -   | -   | 1   | 1   |

\*Refer to International List for complete title, table IX.

TABLE 20.—INFANT MORTALITY RATES FOR SELECTED CAUSES: HAWAII, 1935-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

| CAUSE OF DEATH   | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| ALL CAUSES-----  | 28.6 | 31.0 | 30.1 | 27.3 | 30.4 | 37.1 | 38.9 | 40.3 | 44.7 | 52.5 | 58.6 | 68.9 | 73.1 | 67.6 |
| Cerebrospinal (meningococcus) meningitis-----6                             | 0    | 0    | 0.1  | 0    | 0.1  | 0    | 0    | 0    | 0.2  | 0    | 0.1  | 0    | 0.1  | 0.1  |
| Whooping cough-----9   | 0.2  | 0.8  | 0    | 0    | 0.1  | 0.9  | 0.9  | 0.6  | 0.7  | 2.2  | 1.8  | 0.9  | 0.3  | 1.1  |
| Diphtheria-----10  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.2  | 0    | 0    | 0    | 0    |
| Erysipelas-----11  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.1  | 0.1  | 0.1  | 0.1  | 0.3  |
| Tetanus-----12   | 0    | 0    | 0    | 0    | 0    | 0    | 0.1  | 0    | 0    | 0.1  | 0    | 0    | 0.1  | 0    |
| Tuberculosis of respiratory system, etc.*---13                             | 0    | 0.1  | 0.1  | 0.1  | 0.4  | 0.2  | 0.1  | 0    | 0.2  | 0    | 0    | 0    | 0.3  | 0.1  |
| Tuberculosis of meninges, etc.*---14                                       | 0    | 0    | 0    | 0.1  | 0.1  | 0    | 0    | 0    | 0    | 0.1  | 0.3  | 0.1  | 0    | 0.4  |
| Tuberculosis (other forms)-----15-22                                       | 0    | 0.1  | 0    | 0    | 0    | 0    | 0.1  | 0.1  | 0    | 0    | 0    | 0.2  | 0    | 0.1  |
| Dysentery-----27   | 0.1  | 0.3  | 0    | 0    | 0.2  | 0.1  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Syphilis-----30  | 0    | 0.1  | 0.2  | 0.1  | 0.1  | 0.3  | 0.3  | 0.2  | 0.1  | 0.6  | 0.7  | 0.2  | 0.9  | 1.0  |
| Influenza-----33   | 0    | 0    | 0    | 0.1  | 0.2  | 0.8  | 0.4  | 0.3  | 1.1  | 0.3  | 1.0  | 1.8  | 2.0  | 1.7  |
| Measles-----35   | 0.1  | 0    | 0    | 0.2  | 0.1  | 0    | 0    | 0.3  | 0    | 0    | 0    | 6.1  | 0.7  | 0    |
| Convulsions-----86   | 0    | 0    | 0.1  | 0.1  | 0.2  | 0    | 0.4  | 0.1  | 0    | 0.1  | 0.1  | 0.1  | 0    | 0.3  |
| Pneumonia (all forms)-----107-109  | 3.1  | 2.8  | 3.1  | 3.3  | 3.9  | 5.8  | 7.5  | 5.6  | 7.8  | 10.2 | 15.6 | 19.4 | 17.9 | 13.4 |
| Other diseases of respiratory system*---104-106,110-114                    | 0.3  | 0.4  | 0.2  | 0.2  | 0.3  | 0.2  | 0.3  | 0.5  | 0.4  | 1.4  | 0.8  | 1.0  | 1.2  | 1.0  |
| Ulcer of stomach or duodenum-----117                                       | 0    | 0.1  | 0.1  | 0    | 0    | 0    | 0    | 0    | 0.2  | 0.1  | 0    | 0    | 0    | 0.1  |
| Diarrhea, enteritis, etc.*-----119   | 0.8  | 3.0  | 1.1  | 1.1  | 1.0  | 1.9  | 2.5  | 2.9  | 2.2  | 3.9  | 4.4  | 6.7  | 8.0  | 7.2  |
| Intestinal obstruction-----122b  | 0.2  | 0.3  | 0.1  | 0.1  | 0.2  | 0.2  | 0.2  | 0.1  | 0.6  | 0.4  | 0.3  | 0.6  | 0.5  | 0.3  |
| Congenital malformations-----157   | 3.2  | 4.0  | 4.3  | 3.7  | 2.4  | 4.4  | 3.6  | 3.9  | 4.6  | 3.7  | 4.0  | 5.5  | 6.6  | 5.3  |
| Premature birth-----159  | 11.6 | 10.1 | 11.6 | 10.2 | 11.4 | 12.5 | 11.7 | 13.2 | 14.1 | 14.8 | 13.9 | 12.6 | 16.1 | 16.2 |
| Injury at birth-----160  | 3.6  | 3.3  | 4.0  | 2.3  | 4.7  | 4.0  | 4.8  | 4.3  | 4.4  | 4.6  | 4.5  | 3.2  | 3.0  | 3.8  |
| Congenital debility, other diseases peculiar to the first year-----159,161 | 3.3  | 3.2  | 1.6  | 2.9  | 2.2  | 2.5  | 3.1  | 3.5  | 3.4  | 3.3  | 3.9  | 3.8  | 4.5  | 4.8  |
| Other violence or accident-----166-181,183-195                             | 0.8  | 0.8  | 1.9  | 0.6  | 0.5  | 0.8  | 0.4  | 0.8  | 0.4  | 1.0  | 0.4  | 0.5  | 1.2  | 1.0  |
| Ill-defined and unknown causes-----199,200                                 | 0.3  | 0    | 0    | 0.1  | 0.1  | 0.3  | 0.2  | 0.4  | 0.2  | 0.1  | 0    | 0    | 0.1  | 0    |
| All other causes-----  | 1.0  | 1.6  | 1.6  | 2.3  | 2.2  | 2.4  | 2.4  | 3.6  | 4.0  | 5.1  | 6.7  | 6.1  | 9.2  | 9.4  |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Previous to 1939, rates are for bronchitis only.

<sup>2</sup>Previous to 1943, included other diseases of the stomach (except cancer).

<sup>3</sup>Previous to 1939, included deaths under 3 months only.

# PUERTO RICO

**TABLE 1.—LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, PUERTO RICO, 1948**

(By place of occurrence. Deaths exclusive of stillbirths)

| AREA<br>(SEE FOR PUERTO RICO ONLY)              | LIVE BIRTHS |        |          | DEATHS (ALL AGES) |        |          | Deaths<br>under<br>1 year | Still-<br>births <sup>1</sup> |
|---|-------------|--------|----------|-------------------|--------|----------|---------------------------|-------------------------------|
|   | Total       | White  | Nonwhite | Total             | White  | Nonwhite |                           |                               |
|   |             |        |          |                   |        |          |                           |                               |
| PUERTO RICO-----                                | 87,809      | 64,634 | 23,175   | 26,209            | 21,215 | 4,994    | 6,876                     | 4,368                         |
| Male-----                                       | 44,841      | 33,014 | 11,827   | 15,977            | 11,224 | 2,653    | 3,777                     | 2,481                         |
| Female----                                      | 42,968      | 31,620 | 11,348   | 12,332            | 9,991  | 2,341    | 3,099                     | 1,907                         |
| Adjuntas-----                                   | 815         | 790    | 25       | 239               | 230    | 9        | 69                        | 25                            |
| Aguada-----                                     | 757         | 695    | 62       | 240               | 220    | 20       | 71                        | 35                            |
| Aguadilla-----                                  | 2,348       | 1,558  | 790      | 780               | 660    | 120      | 224                       | 185                           |
| Aguadilla-----                                  | 1,218       | 794    | 424      | 450               | 374    | 76       | 126                       | 121                           |
| Balance of municipality-----                    | 1,130       | 764    | 366      | 330               | 286    | 44       | 98                        | 64                            |
| Aguas Buenas-----                               | 689         | 476    | 193      | 196               | 155    | 41       | 43                        | 32                            |
| Aibonito-----                                   | 757         | 677    | 80       | 192               | 177    | 15       | 54                        | 37                            |
| Anasco-----                                     | 670         | 492    | 178      | 240               | 195    | 45       | 79                        | 49                            |
| Arecibo-----                                    | 3,569       | 2,868  | 701      | 1,510             | 1,345  | 165      | 376                       | 278                           |
| Arecibo-----                                    | 1,938       | 1,543  | 395      | 885               | 797    | 88       | 205                       | 196                           |
| Balance of municipality-----                    | 1,631       | 1,325  | 306      | 625               | 548    | 77       | 171                       | 82                            |
| Arroyo-----                                     | 602         | 280    | 322      | 236               | 136    | 100      | 68                        | 39                            |
| Barceloneta-----                                | 676         | 479    | 197      | 187               | 163    | 24       | 49                        | 40                            |
| Barranquitas-----                               | 791         | 765    | 26       | 153               | 153    | -        | 47                        | 25                            |
| Bayamon-----                                    | 3,047       | 2,168  | 879      | 913               | 709    | 204      | 262                       | 176                           |
| Bayamon-----                                    | 1,005       | 756    | 249      | 229               | 180    | 49       | 68                        | 48                            |
| Balance of municipality-----                    | 2,042       | 1,412  | 630      | 684               | 529    | 155      | 194                       | 128                           |
| Cabo Rojo-----                                  | 1,096       | 894    | 202      | 283               | 251    | 32       | 95                        | 61                            |
| Caguas-----                                     | 2,286       | 2,183  | 103      | 705               | 641    | 64       | 157                       | 115                           |
| Caguas-----                                     | 1,335       | 1,264  | 71       | 425               | 385    | 40       | 98                        | 75                            |
| Balance of municipality-----                    | 951         | 919    | 32       | 280               | 256    | 24       | 59                        | 40                            |
| Camuy-----                                      | 762         | 721    | 41       | 272               | 261    | 11       | 84                        | 35                            |
| Carolina-----                                   | 654         | 336    | 318      | 211               | 95     | 116      | 46                        | 30                            |
| Oatman-----                                     | 475         | 299    | 176      | 136               | 103    | 33       | 47                        | 20                            |
| Cayey-----                                      | 1,665       | 1,132  | 533      | 479               | 405    | 74       | 107                       | 90                            |
| Ceiba-----                                      | 143         | 95     | 48       | 63                | 51     | 12       | 22                        | 6                             |
| Ciudad-----                                     | 729         | 711    | 18       | 163               | 155    | 8        | 32                        | 37                            |
| Cidra-----                                      | 734         | 467    | 267      | 151               | 113    | 38       | 35                        | 41                            |
| Coamo-----                                      | 1,059       | 1,018  | 41       | 238               | 232    | 6        | 68                        | 57                            |
| Comerio-----                                    | 743         | 617    | 126      | 158               | 134    | 24       | 53                        | 31                            |
| Corozal-----                                    | 805         | 769    | 36       | 159               | 150    | 9        | 39                        | 34                            |
| Culebra-----                                    | 19          | 6      | 13       | 8                 | 6      | 2        | 2                         | 2                             |
| Dorado-----                                     | 245         | 168    | 78       | 68                | 51     | 17       | 11                        | 15                            |
| Fajardo-----                                    | 1,602       | 916    | 686      | 558               | 339    | 219      | 147                       | 109                           |
| Guánica-----                                    | 653         | 378    | 275      | 158               | 139    | 19       | 55                        | 32                            |
| Guayama-----                                    | 1,337       | 765    | 574      | 508               | 352    | 156      | 148                       | 58                            |
| Guayama-----                                    | 799         | 430    | 369      | 288               | 199    | 89       | 96                        | 39                            |
| Balance of municipality-----                    | 538         | 333    | 205      | 220               | 153    | 67       | 52                        | 19                            |
| Guayanilla-----                                 | 696         | 568    | 128      | 172               | 146    | 26       | 49                        | 36                            |
| Guaynabo-----                                   | 671         | 410    | 261      | 155               | 118    | 37       | 44                        | 23                            |
| Gurabo-----                                     | 553         | 349    | 204      | 132               | 92     | 40       | 32                        | 25                            |
| Hatillo-----                                    | 631         | 617    | 14       | 196               | 186    | 10       | 48                        | 33                            |
| Hormigueros-----                                | 234         | 140    | 94       | 71                | 55     | 16       | 27                        | 17                            |
| Humacao-----                                    | 1,604       | 783    | 821      | 426               | 265    | 161      | 87                        | 65                            |
| Isabela-----                                    | 929         | 850    | 79       | 337               | 285    | 52       | 113                       | 42                            |
| Jayuya-----                                     | 687         | 604    | 83       | 167               | 157    | 10       | 48                        | 44                            |
| Juana Díaz-----                                 | 1,209       | 700    | 509      | 347               | 235    | 112      | 60                        | 49                            |
| Juncos-----                                     | 876         | 767    | 109      | 334               | 281    | 53       | 65                        | 59                            |
| Lajas-----                                      | 584         | 495    | 89       | 135               | 122    | 13       | 42                        | 29                            |
| Lares-----                                      | 1,485       | 1,452  | 33       | 451               | 449    | 2        | 118                       | 90                            |
| Las Marías-----                                 | 362         | 345    | 17       | 114               | 109    | 5        | 29                        | 23                            |
| Las Piedras-----                                | 635         | 555    | 80       | 192               | 167    | 25       | 49                        | 25                            |
| Lofes-----                                      | 852         | 367    | 485      | 266               | 87     | 179      | 78                        | 44                            |
| Lugaillo-----                                   | 274         | 168    | 106      | 97                | 54     | 43       | 14                        | 8                             |
| Mamati-----                                     | 1,259       | 688    | 571      | 369               | 262    | 107      | 93                        | 40                            |
| Maricao-----                                    | 277         | 160    | 117      | 89                | 80     | 9        | 31                        | 19                            |
| Manabo-----                                     | 526         | 293    | 233      | 96                | 27     | 69       | 20                        | 19                            |
| Mayaguez-----                                   | 3,494       | 2,371  | 1,123    | 1,278             | 1,043  | 235      | 315                       | 193                           |
| Mayaguez-----                                   | 2,633       | 1,802  | 831      | 638               | 682    | 156      | 206                       | 148                           |
| Balance of municipality-----                    | 861         | 569    | 292      | 440               | 361    | 79       | 109                       | 45                            |
| Moca-----                                       | 798         | 771    | 27       | 241               | 232    | 9        | 62                        | 35                            |
| Morovis-----                                    | 609         | 528    | 81       | 124               | 113    | 11       | 26                        | 28                            |
| Maguabo-----                                    | 955         | 467    | 488      | 199               | 137    | 62       | 37                        | 28                            |
| Moravito-----                                   | 550         | 525    | 25       | 73                | 72     | 1        | 23                        | 22                            |
| Oroonoe-----                                    | 689         | 620    | 69       | 164               | 156    | 8        | 45                        | 37                            |
| Potillas-----                                   | 785         | 448    | 337      | 310               | 232    | 78       | 79                        | 37                            |
| Penuelas-----                                   | 509         | 429    | 80       | 209               | 174    | 35       | 52                        | 20                            |
| Ponce-----                                      | 5,381       | 4,660  | 721      | 2,001             | 1,622  | 379      | 459                       | 335                           |
| Ponce-----                                      | 3,642       | 3,188  | 454      | 1,502             | 1,356  | 146      | 320                       | 255                           |
| Balance of municipality-----                    | 1,739       | 1,472  | 267      | 499               | 466    | 33       | 139                       | 80                            |
| Quebradillas-----                               | 553         | 542    | 11       | 155               | 146    | 9        | 42                        | 20                            |
| Rincón-----                                     | 285         | 283    | 2        | 84                | 81     | 3        | 29                        | 10                            |
| Río Grande-----                                 | 543         | 242    | 302      | 130               | 72     | 58       | 29                        | 22                            |
| Río Piedras-----                                | 4,021       | 1,873  | 2,148    | 1,462             | 1,038  | 424      | 373                       | 168                           |
| Balance of municipality-----                    | 3,474       | 1,665  | 1,809    | 869               | 614    | 255      | 241                       | 151                           |
| Sabana Grande-----                              | 547         | 208    | 339      | 593               | 424    | 169      | 66                        | 17                            |
| Salinas-----                                    | 616         | 304    | 312      | 168               | 121    | 47       | 45                        | 39                            |
| San Germán-----                                 | 1,045       | 677    | 368      | 247               | 159    | 88       | 82                        | 57                            |
| San Juan, coextensive with San Juan (city)----- | 990         | 868    | 122      | 291               | 251    | 40       | 83                        | 75                            |
| San Juan, coextensive with San Juan (city)----- | 9,593       | 6,367  | 3,226    | 2,433             | 1,825  | 608      | 657                       | 357                           |
| San Lorenzo-----                                | 1,163       | 848    | 315      | 302               | 248    | 54       | 82                        | 55                            |
| San Sebastián-----                              | 1,520       | 1,468  | 52       | 454               | 439    | 15       | 174                       | 81                            |
| Santa Isabel-----                               | 638         | 373    | 265      | 168               | 108    | 62       | 52                        | 37                            |
| Toa Alta-----                                   | 341         | 265    | 76       | 89                | 77     | 12       |                           |                               |

VITAL STATISTICS OF THE UNITED STATES

TABLE 2.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY RACE, PUERTO RICO, 1948

(By place of occurrence)

| AREA<br>(RACE FOR PUERTO RICO ONLY)                | Total<br>births | NUMBER ATTENDED BY--                       |                                 |         |                                 | Total<br>percent | PERCENT ATTENDED BY--                      |                                 |         |                                 |
|--|-----------------|--|---------------------------------|---------|---------------------------------|------------------|--|---------------------------------|---------|---------------------------------|
|  |                 | Physician<br>in hospi-<br>tal <sup>1</sup> | Physician<br>not in<br>hospital | Midwife | Other and<br>not speci-<br>fied |                  | Physician<br>in hospi-<br>tal <sup>1</sup> | Physician<br>not in<br>hospital | Midwife | Other and<br>not speci-<br>fied |
| PUERTO RICO-----                                   | 67,809          | 25,019                                     | 1,099                           | 57,164  | 4,527                           | 100.0            | 28.5                                       | 1.5                             | 65.1    | 5.2                             |
| White-----   | 64,634          | 17,244                                     | 898                             | 43,043  | 3,459                           | 100.0            | 26.7                                       | 1.4                             | 66.6    | 5.4                             |
| Nonwhite--   | 23,175          | 7,775                                      | 211                             | 14,121  | 1,068                           | 100.0            | 33.5                                       | 0.9                             | 60.9    | 4.6                             |
| Adjuntas-----                                      | 815             | 1  | 2                               | 534     | 278                             | 100.0            | 0.1  | 0.2                             | 65.5    | 34.1                            |
| Aguada-----  | 757             | 37   | 6                               | 448     | 268                             | 100.0            | 4.9  | 0.8                             | 59.2    | 35.1                            |
| Aguadilla-----                                     | 2,348           | 1,094                                      | 20                              | 1,154   | 90                              | 100.0            | 46.2                                       | 0.9                             | 49.1    | 3.8                             |
| Aguadilla-----                                     | 1,218           | 924  | 14                              | 239     | 41                              | 100.0            | 75.9                                       | 1.1                             | 19.6    | 3.4                             |
| Balance of municipality-----                       | 1,130           | 170  | 6                               | 915     | 49                              | 100.0            | 14.2                                       | 0.5                             | 41.0    | 4.3                             |
| Aguas Buenas-----                                  | 669             | 61   | 11                              | 537     | 60                              | 100.0            | 9.1  | 1.6                             | 80.3    | 9.0                             |
| Albion-----  | 757             | 61   | 11                              | 681     | 4                               | 100.0            | 8.1  | 1.5                             | 90.0    | 0.5                             |
| Anasco-----  | 670             | 1  | 30                              | 629     | 10                              | 100.0            | 0.1  | 4.5                             | 93.9    | 1.5                             |
| Arecibo-----                                       | 3,569           | 1,674                                      | 28                              | 1,722   | 145                             | 100.0            | 46.9                                       | 0.8                             | 48.2    | 4.1                             |
| Arecibo-----                                       | 1,938           | 1,512                                      | 15                              | 400     | 11                              | 100.0            | 78.0                                       | 0.8                             | 20.6    | 0.6                             |
| Balance of municipality-----                       | 1,631           | 162  | 13                              | 1,322   | 134                             | 100.0            | 9.9  | 0.8                             | 41.2    | 8.2                             |
| Arroyo-----  | 602             | 145  | 2                               | 452     | 3                               | 100.0            | 24.1                                       | 0.3                             | 75.1    | 0.5                             |
| Barceloneta-----                                   | 676             | 62   | -                               | 612     | 2                               | 100.0            | 9.2  | 0                               | 90.5    | 0.3                             |
| Barranpitan-----                                   | 791             | -  | 40                              | 696     | 55                              | 100.0            | 0  | 5.1                             | 88.0    | 7.0                             |
| Bayamon-----                                       | 3,047           | 2,052                                      | 18                              | 895     | 82                              | 100.0            | 67.5                                       | 0.6                             | 29.4    | 2.7                             |
| Bayamon-----                                       | 1,005           | 703  | 6                               | 280     | 18                              | 100.0            | 70.0                                       | 0.6                             | 27.9    | 1.6                             |
| Balance of municipality-----                       | 2,042           | 1,349                                      | 12                              | 615     | 68                              | 100.0            | 66.1                                       | 0.6                             | 30.1    | 3.2                             |
| Cabo Rojo-----                                     | 1,096           | 102  | 40                              | 860     | 14                              | 100.0            | 16.6                                       | 3.6                             | 78.5    | 1.3                             |
| Caguas-----  | 2,286           | 776  | 5                               | 1,442   | 63                              | 100.0            | 33.9                                       | 0.2                             | 63.1    | 2.8                             |
| Caguas-----  | 1,335           | 776  | 5                               | 538     | 16                              | 100.0            | 58.1                                       | 0.4                             | 40.3    | 1.2                             |
| Balance of municipality-----                       | 951             | -  | -                               | 904     | 47                              | 100.0            | 0  | 0                               | 95.1    | 4.9                             |
| Camay-----   | 762             | 1  | 4                               | 702     | 55                              | 100.0            | 0.1  | 0.5                             | 92.1    | 7.2                             |
| Carolina-----                                      | 854             | 121  | 1                               | 729     | 3                               | 100.0            | 14.2                                       | 0.1                             | 85.4    | 0.4                             |
| Cataño-----  | 475             | 5  | -                               | 425     | 45                              | 100.0            | 0  | 1.1                             | 89.5    | 9.5                             |
| Cayey-----   | 1,665           | 278  | -                               | 1,250   | 134                             | 100.0            | 16.7                                       | 0.2                             | 75.1    | 8.0                             |
| Ceiba-----   | 143             | -  | -                               | 135     | 8                               | 100.0            | 0  | 0                               | 94.4    | 5.6                             |
| Ciales-----  | 729             | 94   | 12                              | 614     | 9                               | 100.0            | 12.9                                       | 1.6                             | 84.2    | 1.2                             |
| Cidra-----   | 734             | 1  | -                               | 615     | 118                             | 100.0            | 0.1  | 0                               | 83.6    | 16.1                            |
| Coamo-----   | 1,069           | 51   | 123                             | 885     | -                               | 100.0            | 4.8  | 11.6                            | 83.6    | -                               |
| Comerio-----                                       | 743             | 5  | 5                               | 686     | 47                              | 100.0            | 0.7  | 0.7                             | 92.3    | 6.3                             |
| Corozal-----                                       | 605             | -  | -                               | 797     | 5                               | 100.0            | 0  | 0.4                             | 89.0    | 0.6                             |
| Culebra-----                                       | 19              | -  | -                               | 17      | 2                               | 100.0            | 0  | 0                               | 89.5    | 10.5                            |
| Derado-----  | 246             | 2  | 2                               | 216     | 28                              | 100.0            | 0  | 0.8                             | 87.8    | 11.4                            |
| Fajardo-----                                       | 1,602           | 1,315                                      | 10                              | 225     | 52                              | 100.0            | 82.1                                       | 0.8                             | 14.0    | 3.2                             |
| Fajardo-----                                       | 653             | 98   | 7                               | 547     | 1                               | 100.0            | 15.0                                       | 1.1                             | 83.6    | 0.2                             |
| Guánica-----                                       | 1,357           | 131  | 7                               | 1,017   | 122                             | 100.0            | 14.3                                       | 0.5                             | 76.1    | 9.1                             |
| Guayama-----                                       | 789             | 181  | 5                               | 568     | 35                              | 100.0            | 23.3                                       | 0.6                             | 71.1    | 4.4                             |
| Balance of municipality-----                       | 539             | -  | 2                               | 449     | 87                              | 100.0            | 0  | 0.4                             | 83.5    | 16.2                            |
| Guayama-----                                       | 696             | -  | 1                               | 607     | 88                              | 100.0            | 0  | 0.1                             | 87.2    | 12.6                            |
| Guayama-----                                       | 671             | 64   | 2                               | 570     | 35                              | 100.0            | 9.5  | 0.3                             | 84.9    | 5.2                             |
| Guaynabo-----                                      | 553             | 130  | -                               | 281     | 142                             | 100.0            | 23.5                                       | -                               | 50.8    | 25.7                            |
| Gurabo-----  | 631             | 2  | 1                               | 620     | 8                               | 100.0            | 0.3  | 0.2                             | 98.3    | 1.3                             |
| Hatillo-----                                       | 234             | 19   | 1                               | 209     | 6                               | 100.0            | 8.1  | 0.4                             | 89.9    | 2.6                             |
| Hormigueros-----                                   | 1,604           | 639  | 9                               | 835     | 122                             | 100.0            | 39.8                                       | 0.6                             | 52.1    | 7.6                             |
| Humacao-----                                       | 929             | 8  | 3                               | 913     | 5                               | 100.0            | 0.9  | 0.3                             | 98.3    | 0.5                             |
| Isabela-----                                       | 687             | 101  | -                               | 515     | 71                              | 100.0            | 14.7                                       | 0                               | 75.0    | 10.3                            |
| Jayuya-----  | 1,209           | 362  | 9                               | 673     | 165                             | 100.0            | 29.9                                       | 0.7                             | 55.7    | 13.6                            |
| Juana Díaz-----                                    | 876             | 187  | 31                              | 634     | 24                              | 100.0            | 21.3                                       | 5.5                             | 72.4    | 2.7                             |
| Juncos-----  | 584             | 29   | 2                               | 542     | 11                              | 100.0            | 5.0  | 0.3                             | 92.8    | 1.9                             |
| Lajas-----   | 1,485           | 289  | 14                              | 910     | 272                             | 100.0            | 18.5                                       | 0.9                             | 61.3    | 18.3                            |
| Lares-----   | 362             | 1  | 1                               | 348     | 12                              | 100.0            | 0.3  | 0.3                             | 96.1    | 3.3                             |
| Las Marías-----                                    | 635             | 1  | -                               | 518     | 116                             | 100.0            | 0.2  | 0                               | 81.6    | 18.3                            |
| Las Piedras-----                                   | 952             | 151  | 7                               | 797     | 17                              | 100.0            | 15.8                                       | 0.7                             | 83.7    | 1.8                             |
| Loíza-----   | 274             | 1  | 2                               | 220     | 51                              | 100.0            | 0.4  | 0.7                             | 80.3    | 28.6                            |
| Luquillo-----                                      | 1,259           | 286  | 53                              | 910     | 10                              | 100.0            | 22.7                                       | 4.2                             | 72.3    | 0.8                             |
| Mamati-----  | 277             | 29   | -                               | 190     | 53                              | 100.0            | 12.3                                       | 0                               | 68.6    | 19.1                            |
| Mariaca-----                                       | 526             | 23   | -                               | 494     | 3                               | 100.0            | 5.5  | 0                               | 93.9    | 0.6                             |
| Munabo-----  | 3,494           | 1,489                                      | 114                             | 1,777   | 105                             | 100.0            | 42.8                                       | 3.3                             | 50.9    | 3.0                             |
| Mayaguez-----                                      | 2,633           | 1,499                                      | 93                              | 1,015   | 26                              | 100.0            | 56.9                                       | 3.5                             | 38.6    | 1.0                             |
| Balance of municipality-----                       | 861             | 21   | 21                              | 761     | 79                              | 100.0            | 0  | 2.4                             | 88.4    | 9.2                             |
| Moca-----  | 609             | 2  | 4                               | 778     | 14                              | 100.0            | 0.3  | 0.5                             | 97.5    | 1.8                             |
| Morovis-----                                       | 955             | 19   | -                               | 582     | 7                               | 100.0            | 3.1  | 0.2                             | 95.6    | 1.1                             |
| Naguabo-----                                       | 550             | 339  | -                               | 459     | 158                             | 100.0            | 35.4                                       | 0                               | 48.1    | 16.5                            |
| Naranjito-----                                     | 898             | 1  | 1                               | 539     | 9                               | 100.0            | 0.2  | 0.2                             | 96.0    | 1.6                             |
| Orocovis-----                                      | 785             | 2  | 2                               | 853     | 31                              | 100.0            | 0.2  | 0.2                             | 96.1    | 3.5                             |
| Patillas-----                                      | 509             | 30   | 10                              | 731     | 14                              | 100.0            | 3.8  | 1.3                             | 93.1    | 1.8                             |
| Penuelas-----                                      | 5,381           | 1,594                                      | 35                              | 3,634   | 118                             | 100.0            | 29.6                                       | 0.7                             | 67.5    | 2.2                             |
| Ponce-----   | 3,642           | 1,593                                      | 17                              | 1,970   | 62                              | 100.0            | 43.7                                       | 0.5                             | 54.1    | 1.7                             |
| Balance of municipality-----                       | 1,739           | 1  | 18                              | 1,664   | 56                              | 100.0            | 0.1  | 1.0                             | 95.7    | 3.2                             |
| Quebradillas-----                                  | 285             | 7  | -                               | 283     | 2                               | 100.0            | 1.3  | 0.2                             | 98.6    | 0                               |
| Rincon-----  | 543             | 2  | 8                               | 526     | 7                               | 100.0            | 0.4  | 1.5                             | 96.9    | 1.3                             |
| Río Grande-----                                    | 4,021           | 2,618                                      | 19                              | 1,381   | 2                               | 100.0            | 65.1                                       | 0.5                             | 34.3    | 0.0                             |
| Río Piedras-----                                   | 3,474           | 2,601                                      | 17                              | 855     | 1                               | 100.0            | 74.9                                       | 0.5                             | 24.6    | 0.0                             |
| Balance of municipality-----                       | 547             | 18   | 2                               | 526     | 1                               | 100.0            | 3.3  | 0.4                             | 96.2    | 0.2                             |
| Sabana Grande-----                                 | 616             | 95   | 67                              | 389     | 76                              | 100.0            | 15.8                                       | 10.9                            | 63.0    | 12.3                            |
| Salinas-----                                       | 1,043           | 213  | 6                               | 648     | 178                             | 100.0            | 20.4                                       | 0.6                             | 62.0    | 17.0                            |
| San German-----                                    | 990             | 312  | 17                              | 462     | 199                             | 100.0            | 31.5                                       | 1.7                             | 46.7    | 20.1                            |
| San Juan, coextensive with San Juan<br>(city)----- | 9,593           | 6,639                                      | 200                             | 2,630   | 124                             | 100.0            | 69.2                                       | 2.1                             | 27.4    | 1.3                             |
| San Lorenzo-----                                   | 1,163           | 52   | 3                               | 1,079   | 28                              | 100.0            | 4.5  | 0.3                             | 92.8    | 2.5                             |
| San Sebastián-----                                 | 1,520           | 126  | 24                              | 1,341   | 29                              | 100.0            | 8.3  | 1.6                             | 88.2    | 1.9                             |
| Santa Isabel-----                                  | 638             | 116  | 2                               | 499     | 31                              | 100.0            | 18.2                                       | 0.3                             | 76.6    | 4.9                             |
| Toa Alta-----                                      | 455             | 82   | 2                               | 313     | 26                              | 100.0            | 0  | 0.6                             | 91.8    | 7.6                             |
| Toa Baja-----                                      | 327             | -  | -                               | 326     | -                               | 100.0            | 18.0                                       | 1.5                             | 77.1    | 3.5                             |
| Trujillo Alto-----                                 | 1,891           | 186  | 7                               | 1,594   | 214                             | 100.0            | 9.3  | 0.4                             | 89.7    | 0                               |
| Utuado-----  | 564             | 9  | 4                               | 551     | -                               | 100.0            | 1.6  | 0                               | 79.6    | 10.7                            |
| Vega Alta-----                                     | 1,140           | 107  | 6                               | 1,025   | 2                               | 100.0            | 9.4  | 0.5                             | 89.9    | 0.2                             |
| Vega Baja-----                                     | 289             | 38   | -                               | 237     | 14                              | 100.0            | 13.1                                       | 0                               | 82.0    | 4.8                             |
| Vieques-----                                       | 634             | -  | -                               | 627     | 1                               | 100.0            | 0  | 0.8                             | 98.9    | 0.2                             |
| Villalba-----                                      | 1,184           | 232  | 15                              | 875     | 62                              | 100.0            | 19.6                                       | 1.3                             | 73.9    | 5.2                             |
| Yabucoa-----                                       | 1,595           | 107  | 4                               | 1,346   | 138                             | 100.0            | 6.7  | 0.3                             | 84.4    | 8.7                             |

<sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

TABLE 3.-LIVE BIRTHS BY SEX AND MONTH: PUERTO RICO, 1948

| SEX         | Total births | January | February | March | April | May   | June  | July  | August | September | October | November | December |
|-------------|--------------|---------|----------|-------|-------|-------|-------|-------|--------|-----------|---------|----------|----------|
| TOTAL-----  | 87,809       | 7,412   | 6,955    | 7,662 | 7,828 | 7,750 | 7,239 | 7,068 | 6,934  | 7,489     | 7,396   | 7,019    | 7,068    |
| Male-----   | 44,841       | 3,741   | 3,488    | 3,923 | 3,983 | 4,014 | 3,705 | 3,642 | 3,571  | 3,905     | 3,783   | 3,608    | 3,578    |
| Female----- | 42,968       | 3,671   | 3,467    | 3,739 | 3,845 | 3,736 | 3,534 | 3,426 | 3,363  | 3,583     | 3,603   | 3,411    | 3,490    |

TABLE 4.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: PUERTO RICO, 1948

| RACE           | Total births | AGE OF MOTHER |             |             |             |             |             |             |             |                   |            |
|----------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|
|                |              | 10-14 years   | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years | 50 years and over | Not stated |
| ALL RACES----- | 87,809       | 43            | 9,836       | 27,658      | 19,608      | 11,458      | 8,107       | 1,981       | 344         | 31                | 8,843      |
| White-----     | 64,634       | 28            | 6,909       | 20,404      | 14,492      | 8,441       | 6,033       | 1,429       | 258         | 28                | 6,612      |
| Nonwhite-----  | 23,175       | 15            | 2,927       | 7,254       | 5,116       | 3,017       | 2,074       | 452         | 86          | 3                 | 2,231      |

TABLE 5.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: PUERTO RICO, 1948

(Birth order refers to number of children born alive to mother)

| BIRTH ORDER                    | Total births | AGE OF MOTHER |             |             |             |             |             |             |             |                   |            |
|--------------------------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|
|                                |              | 10-14 years   | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years | 50 years and over | Not stated |
| TOTAL-----                     | 87,809       | 43            | 9,836       | 27,658      | 19,608      | 11,458      | 8,107       | 1,981       | 344         | 31                | 8,843      |
| First child-----               | 17,670       | 39            | 6,166       | 7,057       | 2,131       | 647         | 243         | 44          | 11          | -                 | 1,332      |
| Second child-----              | 16,610       | 2             | 2,921       | 7,979       | 2,977       | 948         | 334         | 50          | 12          | 2                 | 1,485      |
| Third child-----               | 11,522       | 1             | 671         | 5,154       | 2,809       | 1,073       | 444         | 59          | 10          | 2                 | 1,299      |
| Fourth child-----              | 9,225        | -             | 137         | 3,179       | 2,944       | 1,206       | 558         | 73          | 15          | 3                 | 1,110      |
| Fifth child-----               | 7,358        | -             | 21          | 1,633       | 2,781       | 1,282       | 637         | 81          | 9           | 4                 | 910        |
| Sixth child-----               | 6,085        | -             | 6           | 781         | 2,269       | 1,415       | 762         | 131         | 18          | 1                 | 722        |
| Seventh child-----             | 4,593        | -             | 5           | 275         | 1,413       | 1,332       | 892         | 142         | 19          | 4                 | 511        |
| Eighth child-----              | 3,654        | -             | -           | 99          | 812         | 1,171       | 938         | 166         | 27          | 6                 | 435        |
| Ninth child-----               | 2,621        | -             | -           | 50          | 337         | 647         | 873         | 195         | 27          | 2                 | 290        |
| Tenth child-----               | 1,947        | -             | -           | 31          | 189         | 550         | 750         | 205         | 38          | 2                 | 182        |
| Eleventh child-----            | 1,221        | -             | -           | 15          | 72          | 298         | 520         | 187         | 33          | 1                 | 97         |
| Twelfth child-----             | 846          | -             | -           | 4           | 33          | 160         | 390         | 165         | 32          | 3                 | 61         |
| Thirteenth child and over----- | 1,223        | -             | -           | 1           | 37          | 126         | 547         | 346         | 90          | 1                 | 75         |
| Not stated-----                | 3,232        | 1             | -9          | 1,422       | 804         | 403         | 219         | 37          | 3           | -                 | 354        |

TABLE 6.-LIVE BIRTHS BY RACE AND BIRTH ORDER: PUERTO RICO, 1948

(Birth order refers to number of children born alive to mother)

| RACE           | Total births | BIRTH ORDER |        |        |       |       |       |       |       |       |       |       |      |               |            |
|----------------|--------------|-------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|---------------|------------|
|                |              | 1st         | 2d     | 3d     | 4th   | 5th   | 6th   | 7th   | 8th   | 9th   | 10th  | 11th  | 12th | 13th and over | Not stated |
| ALL RACES----- | 87,809       | 17,670      | 16,610 | 11,522 | 9,225 | 7,358 | 6,085 | 4,593 | 3,654 | 2,621 | 1,947 | 1,221 | 846  | 1,223         | 3,232      |
| White-----     | 64,634       | 13,061      | 12,441 | 8,460  | 6,836 | 5,360 | 4,442 | 3,337 | 2,691 | 1,932 | 1,465 | 939   | 640  | 921           | 2,289      |
| Nonwhite-----  | 23,175       | 4,609       | 4,169  | 3,062  | 2,389 | 1,998 | 1,643 | 1,256 | 963   | 689   | 482   | 282   | 208  | 302           | 943        |

TABLE 7.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: PUERTO RICO, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

| RACE           | Total births | Total cases (single and plural) | Cases of single births | CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE |       |          |
|----------------|--------------|---------------------------------|------------------------|---|-------|----------|
|                |              |                                 |                        | Total   | Twins | Triplets |
| ALL RACES----- | 87,809       | 87,015                          | 86,204                 | 811   | 1,807 | 4        |
| White-----     | 64,634       | 64,095                          | 63,545                 | 550   | 547   | 3        |
| Nonwhite-----  | 23,175       | 22,920                          | 22,659                 | 261   | 260   | 1        |

<sup>1</sup>Excludes 46 cases of twins in which only one mate was reported.

TABLE 8.-MARRIAGES AND DIVORCES: PUERTO RICO, 1946-48

| YEAR      | Number of marriages | Number of divorces |
|-----------|---------------------|--------------------|
| 1948----- | 15,379              | 3,354              |
| 1947----- | 16,779              | 3,582              |
| 1946----- | 20,345              | 4,047              |

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TABLE 9.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948

(By place of occurrence. Exclusive of stillbirths)

| AREA  | Total deaths | Deaths not in institutions | Deaths in institutions <sup>1</sup> | TYPE OF SERVICE   |                          |  |                       |                               |
|---|--------------|----------------------------|-------------------------------------|-------------------|--------------------------|--|-----------------------|-------------------------------|
|   |              |                            |                                     | General hospitals | Tuber- culosis hospitals | Other non- resident hospitals and insti- tutions | Mental insti- tutions | Other resident insti- tutions |
| PUERTO RICO-----                                | 26,209       | 19,764                     | 6,445                               | 5,414             | 693                      | 28   | 65                    | 136                           |
| Adjuntas-----                                   | 239          | 239                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Aguada-----                                     | 240          | 231                        | 9                                   | 9                 | -                        | -  | -                     | -                             |
| Aguadilla-----                                  | 780          | 440                        | 340                                 | 339               | -                        | 1  | -                     | -                             |
| Aguadilla-----                                  | 450          | 215                        | 335                                 | 335               | -                        | -  | -                     | -                             |
| Balance of municipality-----                    | 330          | 325                        | 5                                   | 4                 | -                        | 1  | -                     | -                             |
| Aguaa Buenas-----                               | 196          | 182                        | 14                                  | 14                | -                        | -  | -                     | -                             |
| Aibonito-----                                   | 192          | 133                        | 59                                  | 48                | 9                        | -  | -                     | -                             |
| Anasco-----                                     | 240          | 240                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Arecibo-----                                    | 1,510        | 974                        | 536                                 | 529               | -                        | 1  | -                     | -                             |
| Arecibo-----                                    | 885          | 349                        | 536                                 | 529               | -                        | 1  | -                     | -                             |
| Balance of municipality-----                    | 625          | 625                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Arroyo-----                                     | 236          | 167                        | 69                                  | 69                | -                        | -  | -                     | -                             |
| Barceloneta-----                                | 187          | 174                        | 13                                  | 13                | -                        | -  | -                     | -                             |
| Barranquitas-----                               | 153          | 152                        | 1                                   | 1                 | -                        | -  | -                     | -                             |
| Bayamon-----                                    | 913          | 377                        | 536                                 | 532               | 2                        | -  | -                     | -                             |
| Bayamon-----                                    | 229          | 180                        | 49                                  | 48                | -                        | -  | -                     | -                             |
| Balance of municipality-----                    | 684          | 197                        | 487                                 | 484               | 2                        | -  | -                     | -                             |
| Cabo Rojo-----                                  | 283          | 243                        | 40                                  | 39                | -                        | -  | -                     | 1                             |
| Caguas-----                                     | 705          | 583                        | 122                                 | 116               | -                        | -  | -                     | 1                             |
| Caguas-----                                     | 425          | 303                        | 122                                 | 116               | -                        | -  | -                     | 1                             |
| Balance of municipality-----                    | 280          | 280                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Camuy-----                                      | 272          | 270                        | 2                                   | 1                 | -                        | -  | -                     | -                             |
| Carolina-----                                   | 211          | 199                        | 12                                  | 12                | -                        | -  | -                     | -                             |
| Catano-----                                     | 136          | 135                        | 1                                   | -                 | -                        | -  | -                     | -                             |
| Cayey-----                                      | 479          | 370                        | 109                                 | 82                | 26                       | -  | -                     | -                             |
| Celba-----                                      | 63           | 63                         | -                                   | -                 | -                        | -  | -                     | -                             |
| Ciales-----                                     | 163          | 151                        | 12                                  | 12                | -                        | -  | -                     | -                             |
| Cidra-----                                      | 151          | 148                        | 3                                   | -                 | -                        | 1  | -                     | -                             |
| Cosmo-----                                      | 236          | 215                        | 23                                  | 23                | -                        | -  | -                     | -                             |
| Comerio-----                                    | 158          | 155                        | 3                                   | -                 | -                        | -  | -                     | -                             |
| Corozal-----                                    | 159          | 159                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Culebra-----                                    | 8            | 8                          | -                                   | -                 | -                        | -  | -                     | -                             |
| Dorado-----                                     | 68           | 68                         | -                                   | -                 | -                        | -  | -                     | 6                             |
| Fajardo-----                                    | 556          | 220                        | 336                                 | 327               | -                        | -  | -                     | -                             |
| Fajardo-----                                    | 156          | 123                        | 33                                  | 35                | -                        | -  | -                     | -                             |
| Guánica-----                                    | 508          | 339                        | 169                                 | 99                | 65                       | 2  | -                     | -                             |
| Guayama-----                                    | 288          | 182                        | 106                                 | 99                | -                        | 2  | -                     | -                             |
| Balance of municipality-----                    | 220          | 157                        | 65                                  | -                 | 63                       | -  | -                     | -                             |
| Guayanilla-----                                 | 172          | 172                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Guaynabo-----                                   | 155          | 149                        | 6                                   | 4                 | -                        | -  | -                     | -                             |
| Gurabo-----                                     | 132          | 118                        | 14                                  | 14                | -                        | -  | -                     | -                             |
| Hatillo-----                                    | 196          | 196                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Hormigueros-----                                | 71           | 69                         | 2                                   | 2                 | -                        | -  | -                     | -                             |
| Humacao-----                                    | 426          | 316                        | 110                                 | 109               | -                        | 1  | -                     | -                             |
| Isabela-----                                    | 337          | 335                        | 2                                   | 2                 | -                        | -  | -                     | -                             |
| Jayuya-----                                     | 167          | 141                        | 26                                  | 26                | -                        | -  | -                     | -                             |
| Juana Díaz-----                                 | 347          | 289                        | 58                                  | 58                | -                        | -  | -                     | -                             |
| Juncos-----                                     | 334          | 299                        | 35                                  | 35                | -                        | -  | -                     | -                             |
| Lajas-----                                      | 135          | 117                        | 18                                  | 18                | -                        | -  | -                     | -                             |
| Lares-----                                      | 451          | 371                        | 80                                  | 78                | -                        | -  | -                     | -                             |
| Las Marias-----                                 | 114          | 114                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Las Piedras-----                                | 192          | 192                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Lora-----                                       | 266          | 251                        | 15                                  | 15                | -                        | -  | -                     | -                             |
| Luguillo-----                                   | 97           | 96                         | 1                                   | 1                 | -                        | -  | -                     | -                             |
| Manatí-----                                     | 369          | 321                        | 48                                  | 48                | -                        | -  | -                     | -                             |
| Maricao-----                                    | 89           | 83                         | 6                                   | -                 | -                        | -  | -                     | -                             |
| Manabo-----                                     | 96           | 91                         | 5                                   | 5                 | -                        | -  | -                     | -                             |
| Mayaguez-----                                   | 1,276        | 897                        | 381                                 | 235               | 113                      | -  | -                     | 28                            |
| Mayaguez-----                                   | 636          | 569                        | 269                                 | 235               | 5                        | -  | -                     | 28                            |
| Balance of municipality-----                    | 440          | 328                        | 112                                 | 2                 | 110                      | -  | -                     | -                             |
| Moca-----                                       | 241          | 240                        | 1                                   | -                 | -                        | -  | -                     | -                             |
| Moravia-----                                    | 124          | 109                        | 15                                  | 15                | -                        | -  | -                     | -                             |
| Maganbo-----                                    | 199          | 185                        | 14                                  | 14                | -                        | -  | -                     | -                             |
| Maranjito-----                                  | 73           | 73                         | -                                   | -                 | -                        | -  | -                     | -                             |
| Orocovis-----                                   | 184          | 184                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Petillas-----                                   | 310          | 273                        | 37                                  | 37                | -                        | -  | -                     | -                             |
| Penuelas-----                                   | 209          | 208                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Ponce-----                                      | 2,001        | 1,261                      | 740                                 | 571               | 139                      | 1  | -                     | 27                            |
| Ponce-----                                      | 1,502        | 762                        | 740                                 | 571               | 139                      | 1  | -                     | 27                            |
| Balance of municipality-----                    | 499          | 499                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Quobradilla-----                                | 155          | 148                        | 7                                   | 7                 | -                        | -  | -                     | -                             |
| Rincon-----                                     | 84           | 84                         | -                                   | -                 | -                        | -  | -                     | -                             |
| Rio Grande-----                                 | 130          | 130                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Rio Piedras-----                                | 1,462        | 673                        | 789                                 | 324               | 339                      | 15   | 65                    | 17                            |
| Rio Piedras-----                                | 869          | 458                        | 411                                 | 321               | 42                       | 10   | 10                    | 8                             |
| Balance of municipality-----                    | 593          | 215                        | 378                                 | 3                 | 297                      | 5  | 55                    | 9                             |
| Sebena Grande-----                              | 168          | 149                        | 19                                  | 19                | -                        | -  | -                     | -                             |
| Salinas-----                                    | 247          | 194                        | 53                                  | 52                | -                        | -  | -                     | -                             |
| San German-----                                 | 231          | 211                        | 20                                  | 20                | -                        | -  | -                     | -                             |
| San Juan, coextensive with San Juan (city)----- | 2,433        | 1,271                      | 1,162                               | 1,073             | -                        | 3  | -                     | 57                            |
| San Lorenzo-----                                | 302          | 278                        | 24                                  | 24                | -                        | -  | -                     | -                             |
| San Sebastian-----                              | 454          | 446                        | 8                                   | 8                 | -                        | -  | -                     | -                             |
| Santa Isabel-----                               | 168          | 135                        | 33                                  | 33                | -                        | -  | -                     | -                             |
| Tca Alta-----                                   | 89           | 89                         | -                                   | -                 | -                        | -  | -                     | -                             |
| Tca Baja-----                                   | 107          | 100                        | 7                                   | 7                 | -                        | -  | -                     | -                             |
| Trujillo Alto-----                              | 77           | 74                         | 3                                   | -                 | -                        | 3  | -                     | -                             |
| Utando-----                                     | 520          | 463                        | 57                                  | 57                | -                        | -  | -                     | -                             |
| Vega Alta-----                                  | 175          | 168                        | 7                                   | 7                 | -                        | -  | -                     | -                             |
| Vega Baja-----                                  | 287          | 255                        | 32                                  | 32                | -                        | -  | -                     | -                             |
| Vieques-----                                    | 94           | 70                         | 24                                  | 24                | -                        | -  | -                     | -                             |
| Villalba-----                                   | 185          | 185                        | -                                   | -                 | -                        | -  | -                     | -                             |
| Yabucoa-----                                    | 345          | 318                        | 27                                  | 27                | -                        | -  | -                     | -                             |
| Yauco-----                                      | 487          | 414                        | 55                                  | 53                | -                        | -  | -                     | -                             |

<sup>1</sup>Includes deaths occurring in institutions of unknown type.

TABLE 10.-DEATHS BY AGE, RACE, AND SEX: PUERTO RICO, 1948

(Exclusive of stillbirths)

| RACE AND SEX | Total deaths | Under 5 |       |       |     |     | Under 5 | 5    | 10    | 15    | 20    | 25    | 30    | 35    | 40    | 45    | 50    | 55    | 60    | 65    | 70    | 75    | 80    | 85    | 90    | 95    | 100      | Not stated. |
|--------------|--------------|---------|-------|-------|-----|-----|---------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|
|              |              | Under 1 | 1     | 2     | 3   | 4   |         | to 9 | to 14 | to 19 | to 24 | to 29 | to 34 | to 39 | to 44 | to 49 | to 54 | to 59 | to 64 | to 69 | to 74 | to 79 | to 84 | to 89 | to 94 | to 99 | and over |             |
| ALL RACES    | 26,209       | 6,876   | 1,966 | 1,178 | 680 | 586 | 11,086  | 856  | 344   | 585   | 1,063 | 1,051 | 856   | 969   | 759   | 790   | 842   | 791   | 1,030 | 1,066 | 1,002 | 713   | 829   | 608   | 460   | 240   | 278      | 15          |
| Male         | 15,877       | 3,777   | 979   | 552   | 347 | 188 | 5,843   | 451  | 184   | 268   | 526   | 510   | 436   | 525   | 408   | 462   | 496   | 486   | 616   | 607   | 561   | 418   | 409   | 281   | 190   | 98    | 93       | 9           |
| Female       | 12,332       | 3,099   | 987   | 626   | 333 | 198 | 5,243   | 405  | 160   | 317   | 537   | 541   | 420   | 444   | 351   | 328   | 346   | 305   | 414   | 459   | 441   | 295   | 420   | 325   | 270   | 142   | 185      | 4           |
| White        | 21,215       | 5,925   | 1,627 | 962   | 575 | 512 | 9,401   | 708  | 266   | 453   | 833   | 779   | 660   | 755   | 571   | 603   | 670   | 612   | 788   | 846   | 789   | 584   | 689   | 474   | 368   | 177   | 200      | 9           |
| Male         | 11,224       | 3,239   | 620   | 445   | 292 | 150 | 4,946   | 357  | 140   | 216   | 417   | 377   | 338   | 409   | 297   | 358   | 394   | 379   | 466   | 482   | 446   | 341   | 337   | 229   | 150   | 73    | 67       | 5           |
| Female       | 9,991        | 2,686   | 807   | 517   | 283 | 162 | 4,455   | 351  | 126   | 237   | 416   | 402   | 322   | 346   | 274   | 245   | 276   | 233   | 322   | 364   | 343   | 223   | 352   | 245   | 218   | 104   | 133      | 4           |
| Nonwhite     | 4,994        | 951     | 339   | 216   | 105 | 74  | 1,685   | 148  | 78    | 132   | 230   | 282   | 196   | 214   | 188   | 187   | 172   | 179   | 242   | 220   | 215   | 149   | 140   | 132   | 92    | 63    | 78       | 4           |
| Male         | 2,653        | 538     | 159   | 107   | 55  | 38  | 897     | 94   | 44    | 52    | 109   | 133   | 98    | 116   | 111   | 104   | 102   | 107   | 150   | 125   | 115   | 77    | 72    | 52    | 40    | 25    | 26       | 4           |
| Female       | 2,341        | 413     | 180   | 109   | 50  | 36  | 788     | 54   | 34    | 80    | 121   | 119   | 98    | 98    | 77    | 83    | 70    | 72    | 92    | 95    | 98    | 72    | 68    | 80    | 52    | 38    | 52       | -           |

TABLE 11.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH                                   | Total deaths | White  | Non-white | Int. List No. | CAUSE OF DEATH                                       | Total deaths | White | Non-white |
|---------------|--|--------------|--------|-----------|---------------|--|--------------|-------|-----------|
|               | ALL CAUSES                                       | 26,209       | 21,215 | 4,994     |               |  |              |       |           |
|               | I.-Infectious and parasitic diseases             | 5,402        | 4,238  | 1,164     |               |  |              |       |           |
| 1             | Typhoid fever                                    | 24           | 18     | 6         | 47            | Cancer and other tumors-Continued                    |              |       |           |
| 2             | Paratyphoid fever                                | 1            | 1      | -         | 47a           | Cancer and other malignant tumors-Continued          |              |       |           |
| 5             | Undulant fever (brucellosis)                     | 1            | 1      | -         | 47b           | Cancer of respiratory system                         | 79           | 62    | 17        |
| 8             | Cerebrospinal (meningococcus) meningitis         | 8            | -      | 8         | 47c,d         | Cancer of larynx                                     | 36           | 30    | 6         |
| 9             | Whooping cough                                   | 121          | 108    | 13        | 47e           | Cancer of trachea                                    | 2            | 2     | -         |
| 10            | Diphtheria (infection by C. diphtheriae)         | 86           | 76     | 10        | 47f           | Cancer of bronchus and lung                          | 58           | 28    | 10        |
| 11            | Erysipelas                                       | 3            | 2      | 1         | 47g           | Cancer of pleura                                     | 1            | 1     | -         |
| 12            | Tetanus  | 128          | 106    | 22        | 47h           | Cancer of other respiratory organs                   | 2            | 1     | 1         |
| 13-22         | Tuberculosis (all forms)                         | 3,681        | 2,998  | 673       | 48a           | Cancer of uterus                                     | 254          | 204   | 50        |
| 13            | Tuberculosis of respiratory system, etc.*        | 3,634        | 2,799  | 835       | 48b           | Cancer of cervix                                     | 32           | 22    | 10        |
| 14            | Tuberculosis of meninges, etc.*                  | 149          | 122    | 27        | 48c           | Cancer of other and unspecified sites of uterus      | 222          | 182   | 40        |
| 15            | Tuberculosis of intestines and peritoneum        | 22           | 20     | 2         | 48d           | Cancer of other female genital organs                | 15           | 9     | 6         |
| 16            | Tuberculosis of vertebral column                 | 4            | 3      | 1         | 48e           | Cancer of ovary, fallopian tube, and parametrium     | 12           | 6     | 6         |
| 17            | Tuberculosis of bones and joints, etc.*          | 2            | 2      | -         | 48f           | Cancer of other female genital organs                | 3            | 3     | -         |
| 18            | Tuberculosis of skin, etc.*                      | 1            | 1      | -         | 48g           | Cancer of breast                                     | 85           | 19    | 6         |
| 19            | Tuberculosis of lymphatic system, etc.*          | 18           | 15     | 3         | 48h           | Cancer of male genital organs                        | 55           | 44    | 11        |
| 20            | Tuberculosis of genito-urinary system            | 1            | 1      | -         | 48i           | Cancer of prostate                                   | 45           | 36    | 9         |
| 21            | Tuberculosis of other organs                     | 1            | 1      | -         | 48j           | Cancer of other male genital organs                  | 10           | 8     | 2         |
| 22            | Disseminated tuberculosis                        | 29           | 24     | 5         | 48k           | Cancer of urinary organs                             | 44           | 36    | 8         |
| 23            | Leprosy  | 4            | 3      | 1         | 48l           | Cancer of kidney                                     | 8            | 8     | -         |
| 24            | Septicemia and purulent infection (nonpuerperal) | 36           | 35     | 1         | 48m           | Cancer of bladder                                    | 36           | 28    | 8         |
| 25            | Gonococcus infection                             | 2            | 2      | -         | 48n           | Cancer of skin, etc.*                                | 22           | 16    | 6         |
| 27            | Dysentery  | 79           | 67     | 12        | 48o           | Cancer of central nervous system*                    | 2            | 1     | 1         |
| 28            | Malaria  | 248          | 178    | 70        | 48p           | Cancer of other and unspecified organs               | 72           | 62    | 10        |
| 30            | Syphilis (all forms)                             | 182          | 157    | 25        | 48q           | Nonmalignant tumors and tumors of unspecified nature | 83           | 65    | 18        |
| 30a           | Locomotor ataxia (tabes dorsalis)                | 3            | 3      | -         | 48r           | Nonmalignant tumors (including dermoid cysts)        | 5            | 7     | 1         |
| 30b           | General paralysis of insane                      | 8            | 8      | -         | 48s           | Nonmalignant tumors of female genital organs         | 8            | 4     | 1         |
| 30c           | Aneurysm of aorta                                | 38           | 27     | 11        | 48t           | Nonmalignant tumors of other and unspecified organs  | 3            | 3     | -         |
| 30d           | Congenital syphilis                              | 42           | 38     | 4         | 48u           | Tumors of unspecified nature                         | 75           | 58    | 17        |
| 30e,g         | Syphilis (other forms)                           | 91           | 61     | 30        | 48v           | Tumors, female genital organs (nature unspecified)   | 11           | 6     | 5         |
| 32            | Other diseases due to spirochetes                | 26           | 21     | 5         | 48w           | Tumors, central nervous system* (nature unspecified) | 14           | 13    | 1         |
| 33            | Influenza  | 170          | 144    | 26        | 48x           | Tumors, other organs (nature unspecified)            | 50           | 39    | 11        |
| 35            | Measles  | 223          | 182    | 41        | 48y           | III.-Rheumatism, diseases of nutrition, etc.*        | 484          | 409   | 75        |
| 36            | Poliomyelitis and polioencephalitis (acute)      | 2            | 2      | -         | 49            | Acute rheumatic fever                                | 22           | 16    | 6         |
| 37            | Acute infectious encephalitis (lethargic)        | 1            | 1      | -         | 49a           | Acute rheumatic endocarditis                         | 7            | 5     | 2         |
| 38            | Other diseases due to filtrable viruses          | 2            | 2      | -         | 49b           | Other forms of acute rheumatic fever, etc.*          | 15           | 11    | 4         |
| 39            | Typhus fever and typhus-like diseases*           | 6            | 6      | -         | 49c           | Chronic rheumatism, other rheumatic diseases         | 16           | 12    | 4         |
| 40            | Ankylostomiasis                                  | 29           | 23     | 6         | 49d           | Diabetes mellitus                                    | 104          | 80    | 24        |
| 42            | Other diseases caused by helminths               | 105          | 85     | 20        | 49e           | Diseases of thyroid and parathyroid glands           | 13           | 13    | -         |
| 43            | Mycoses  | 42           | 32     | 10        | 49f           | Simple goiter  | 1            | 1     | -         |
| 44            | Other infectious and parasitic diseases          | 10           | 10     | -         | 49g           | Exophthalmic goiter                                  | 6            | 6     | -         |
|               | II.-Cancer and other tumors                      | 1,314        | 1,075  | 241       | 49h           | Other diseases of thyroid and parathyroid glands     | 3            | 3     | -         |
| 45-55         | Cancer and other malignant tumors                | 1,231        | 1,008  | 223       | 49i           | Diseases of thymus gland                             | 64           | 6     | -         |
| 45            | Cancer of buccal cavity and pharynx              | 67           | 56     | 11        | 49j           | Diseases of adrenal glands*                          | 1            | 1     | -         |
| 45a           | Cancer of lip                                    | 2            | 1      | 1         | 49k           | Other general diseases                               | 53           | 47    | 6         |
| 45b           | Cancer of tongue                                 | 11           | 10     | 1         | 49l           | Scurvy   | 1            | 1     | -         |
| 45c           | Cancer of mouth                                  | 14           | 10     | 4         | 49m           | Barber's   | 6            | 5     | 1         |
| 45d           | Cancer of jaw bones                              | 9            | 7      | 2         | 49n           | Pellagra (except alcoholic)                          | 22           | 18    | 7         |
| 45e           | Cancer of unspecified parts of buccal cavity     | 1            | 1      | -         | 49o           | Rickets  | 181          | 163   | 18        |
| 45f           | Cancer of pharynx                                | 30           | 27     | 3         | 49p           | Other avitaminoses                                   | 62           | 53    | 9         |
| 46            | Cancer of digestive organs and peritoneum        | 596          | 499    | 97        | 49q           | IV.-Diseases of the blood and blood-forming organs   | 304          | 252   | 52        |
| 46a           | Cancer of esophagus                              | 49           | 45     | 4         | 49r           | Hemorrhagic conditions                               | 11           | 11    | -         |
| 46b           | Cancer of stomach                                | 384          | 319    | 65        | 49s           | Anemia (except splenic anemia)                       | 271          | 224   | 47        |
| 46c           | Cancer of rectum and anus                        | 18           | 12     | 6         | 49t           | Pernicious anemia                                    | 95           | 79    | 16        |
| 46d           | Cancer of intestines, etc.*                      | 56           | 48     | 8         | 49u           | Other anemia (except splenic)                        | 176          | 145   | 31        |
| 46e           | Cancer of liver and biliary passages             | 64           | 56     | 8         | 49v           | Leukemias and aleukemias                             | 19           | 15    | 4         |
| 46f           | Cancer of pancreas                               | 18           | 15     | 3         | 49w           | Leukemias  | 19           | 15    | 4         |
| 46g           | Cancer of mesentery and peritoneum               | 3            | 2      | 1         | 49x           | Diseases of spleen                                   | 3            | 2     | 1         |
| 46h           | Cancer of other and unspecified sites            | 4            | 4      | -         | 49y           | V.-Chronic poisoning and intoxication                | 31           | 25    | 6         |
|               |  |              |        |           | 49z           | Alcoholism (ethylism)                                | 31           | 25    | 6         |

\*Refer to International List for complete title, table IX.

TABLE 11.—DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1948—Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH   | Total Deaths | White | Non-white | Int. List No. | CAUSE OF DEATH   | Total Deaths | White | Non-white |
|---------------|--|--------------|-------|-----------|---------------|--|--------------|-------|-----------|
|               | VI.—Diseases of the nervous system, etc.*                  | 1,117        | 892   | 225       |               | X.—Diseases of the genito-urinary system                           | 1,022        | 792   | 230       |
| 80            | Encephalitis (non-epidemic)                                | 23           | 21    | 2         | 130           | Acute nephritis  | 233          | 191   | 42        |
| 81            | Meningitis (not due to meningococcus)                      | 180          | 158   | 22        | 131           | Chronic nephritis  | 579          | 436   | 143       |
| 82            | Diseases of spinal cord (see exceptions)*                  | 5            | 4     | 1         | 131a          | Arteriosclerotic kidney  | 196          | 150   | 46        |
| 83            | Intracranial lesions of vascular origin                    | 730          | 574   | 156       | 131b          | Other chronic nephritis  | 363          | 286   | 97        |
| 83a           | Cerebral hemorrhage or effusion                            | 576          | 446   | 130       | 132           | Nephritis unspecified (10 years and over)                          | 114          | 87    | 27        |
| 83b,c         | Cerebral embolism, thrombosis, and softening               | 30           | 27    | 3         | 133           | Other diseases of kidneys, ureters, etc.*                          | 48           | 40    | 8         |
| 83d           | Hemiplegia, other paralysis, etc.*                         | 124          | 101   | 23        | 134           | Calculi of urinary passages  | 6            | 6     | -         |
| 84            | Mental diseases and deficiency (see exception)*            | 41           | 32    | 9         | 135           | Diseases of urinary bladder  | 11           | 8     | 3         |
| 85            | Epilepsy   | 78           | 54    | 24        | 136           | Diseases of urethra (except calculus)                              | 1            | 1     | -         |
| 86            | Convulsions (under 5 years)                                | 36           | 30    | 6         | 137           | Diseases of prostate   | 19           | 14    | 5         |
| 87            | Other diseases of nervous system                           | 9            | 8     | 1         | 137a          | Hypertrophy of prostate  | 13           | 11    | 2         |
| 88            | Diseases of organs of vision                               | 1            | 1     | -         | 137b          | Other diseases of prostate   | 6            | 3     | 3         |
| 89            | Diseases of ear and mastoid process                        | 14           | 10    | 4         | 139           | Diseases of female genital organs                                  | 11           | 9     | 2         |
|               | VII.—Diseases of the circulatory system                    | 2,730        | 2,117 | 613       | 139a          | Diseases of ovaries, fallopian tubes, parametria                   | 6            | 5     | 1         |
|               |  |              |       |           | 139b          | Diseases of uterus   | 4            | 3     | 1         |
|               |  |              |       |           | 139c          | Diseases of other female genital organs*                           | 1            | 1     | -         |
| 90-95         | Diseases of the heart (all forms)                          | 2,275        | 1,768 | 507       |               | XI.—Diseases of pregnancy, childbirth, and the puerperium          | 255          | 201   | 54        |
| 90            | Pericarditis (except acute rheumatic)                      | 3            | 3     | -         |               | Abortion with mention of infection                                 | 7            | 3     | 4         |
| 90b           | Other pericarditis   | 3            | 3     | -         |               | Abortion without mention of infection                              | 7            | 7     | -         |
| 91            | Acute endocarditis (except rheumatic)                      | 15           | 9     | 6         | 140           | Abortion (nonseptic), spontaneous, therapeutic, without toxemia*   | 5            | 5     | -         |
| 91a,b         | Bacterial, acute, and subacute endocarditis                | 8            | 3     | 5         | 141           | Other abortions (nonseptic)*                                       | 2            | 2     | -         |
| 91c           | Endocarditis (unspecified, under 45 years)                 | 7            | 6     | 1         | 141b          | Ectopic gestation  | 6            | 3     | 3         |
| 92            | Chronic affections of valves and endocardium               | 222          | 176   | 46        | 142           | Ectopic gestation, with mention of infection                       | 1            | -     | 1         |
| 92a           | Diseases of aortic valve, etc.*                            | 29           | 23    | 6         | 142a          | Ectopic gestation, without mention of infection                    | 5            | 3     | 2         |
| 92b           | Diseases of mitral valve, etc.*                            | 59           | 42    | 17        | 142b          | Hemorrhage of pregnancy (death before delivery)                    | 3            | 3     | -         |
| 92c           | Chronic rheumatic endocarditis, etc.*                      | 2            | -     | 2         | 142c          | Toxemia of pregnancy (death before delivery)                       | 36           | 28    | 8         |
| 92d           | Other chronic endocarditis, etc.*                          | 93           | 78    | 15        | 143           | Other diseases of pregnancy (death before delivery)*               | 14           | 10    | 4         |
| 93            | Endocarditis (unspecified, 45 years and over)              | 39           | 33    | 6         | 144           | With mention of infection  | 2            | 1     | 1         |
| 93a           | Diseases of the myocardium                                 | 629          | 506   | 123       | 145           | Without mention of infection                                       | 12           | 9     | 3         |
| 93b           | Acute myocarditis (except rheumatic)                       | 10           | 9     | 1         | 145A          | Hemorrhage of childbirth and puerperium                            | 97           | 76    | 21        |
| 93c           | Myocarditis (unspecified, under 45 years)                  | 4            | 4     | -         | 145B          | Infection during childbirth and puerperium                         | 34           | 29    | 6         |
| 93d           | Chronic rheumatic myocarditis, etc.*                       | 1            | 1     | -         | 146           | Puerperal toxemia (excluding death before delivery)                | 15           | 12    | 3         |
| 93e           | Other myocarditis (unspecified)                            | 509          | 404   | 105       | 147           | Other accidents and specified conditions of childbirth             | 16           | 14    | 2         |
| 94            | Diseases of coronary arteries, angina pectoris             | 105          | 88    | 17        | 148           | Other and unspecified conditions of childbirth and puerperium      | 20           | 17    | 3         |
| 94a           | Diseases of coronary arteries                              | 407          | 313   | 94        | 149           |  |              |       |           |
| 94b           | Angina pectoris  | 381          | 293   | 88        | 150           | XII.—Diseases of the skin and cellular tissue                      | 36           | 26    | 8         |
| 95            | Other diseases of heart                                    | 26           | 20    | 6         | 151           | Carbuncle and furuncle   | 5            | 3     | 2         |
| 95a           | Functional diseases of heart, etc.*                        | 999          | 761   | 238       | 152           | Phlegmon and acute abscess   | 5            | 3     | 2         |
| 95b           | Other diseases of heart (rheumatic)                        | 54           | 43    | 11        | 153           | Other diseases of skin and cellular tissue                         | 21           | 18    | 3         |
| 95c           | Other diseases of heart (not rheumatic)                    | 29           | 20    | 9         |               | XIII.—Diseases of the bones, etc.*                                 | 5            | 3     | 2         |
| 96            | Aneurysm (except of heart and aorta)                       | 916          | 698   | 218       | 154           | Osteomyelitis and periostitis                                      | 3            | 2     | 1         |
| 97            | Arteriosclerosis (except coronary or renal sclerosis)      | 3            | 2     | 1         | 156           | Diseases of joints, other organs of movement                       | 2            | 1     | 1         |
| 98            | Gangrene   | 359          | 274   | 85        | 157a-d        | XIV.—Congenital malformations                                      | 311          | 271   | 40        |
| 99            | Other diseases of arteries                                 | 15           | 11    | 4         | 157e,f        | Congenital malformations of central nervous system                 | 89           | 76    | 13        |
| 100           | Diseases of veins  | 23           | 18    | 5         | 157g,h,m      | Congenital malformations of cardiovascular system                  | 147          | 131   | 16        |
| 101           | Diseases of lymphatic system                               | 8            | 7     | 1         |               | Other congenital malformations                                     | 75           | 64    | 11        |
| 102           | High blood pressure (idiopathic)                           | 6            | 5     | 1         |               | XV.—Diseases peculiar to the first year of life                    | 1,906        | 1,621 | 285       |
| 103           | Other diseases of circulatory system                       | 5            | -     | 5         |               | Congenital debility (cause not stated)                             | 789          | 662   | 127       |
|               | VIII.—Diseases of the respiratory system                   | 3,092        | 2,581 | 511       |               | Premature birth (cause not stated)                                 | 681          | 590   | 91        |
| 104           | Diseases of nasal fossae, accessory sinuses                | 4            | 3     | 1         |               | Injury at birth  | 154          | 125   | 29        |
| 105           | Diseases of larynx   | 3            | 3     | -         |               | Other diseases peculiar to first year of life                      | 282          | 244   | 38        |
| 106           | Bronchitis   | 266          | 222   | 44        | 161           | XVI.—Senility  | 612          | 475   | 139       |
| 107           | Bronchopneumonia (including capillary bronchitis)          | 1,655        | 1,397 | 258       | 162           | XVII.—Violent or accidental deaths                                 | 1,412        | 1,128 | 284       |
| 108           | Lobar pneumonia  | 235          | 190   | 45        | 163,164       | Suicide  | 458          | 376   | 82        |
| 109           | Pneumonia (unspecified)                                    | 701          | 585   | 116       | 165           | Suicide by poisoning   | 190          | 158   | 32        |
| 109A          | Atypical or virus pneumonia                                | 1            | 1     | -         | 166           | Suicide by other means   | 268          | 216   | 50        |
| 109B          | Pneumonia (all other, unspecified)                         | 700          | 584   | 116       | 165-168       | Homicide <sup>1</sup>  | 306          | 241   | 65        |
| 110           | Pleurisy (not tuberculous)                                 | 21           | 15    | 6         | 167           | Homicide by firearms   | 140          | 115   | 25        |
| 111           | Hemorrhagic infarction, thrombosis, edema*                 | 60           | 48    | 12        | 169           | Homicide by cutting or piercing instruments                        | 118          | 84    | 34        |
| 112           | Asthma   | 125          | 100   | 25        | 169-195       | Homicide by other means  | 48           | 42    | 6         |
| 113           | Pulmonary emphysema  | 2            | 1     | 1         |               | Accidental deaths  | 649          | 511   | 137       |
| 114           | Other diseases of respiratory system (except tuberculosis) | 20           | 17    | 3         |               | Railway accidents (except collisions with motor vehicles)          | 16           | 14    | 2         |
| 114c-o        | Other diseases of respiratory system (except tuberculosis) | 20           | 17    | 3         |               | Motor-vehicle accidents  | 232          | 176   | 56        |
|               | IX.—Diseases of the digestive system                       | 4,561        | 3,774 | 787       |               | Automobile accidents (except collisions with trains or streetcars) | 227          | 173   | 54        |
| 115           | Diseases of buccal cavity and adnaxa, etc.*                | 19           | 17    | 2         |               | Motorcycle accidents (except collisions with automobiles)          | 5            | 3     | 2         |
| 116           | Diseases of esophagus                                      | 9            | 6     | 3         |               | Streetcar and other road-transport accidents                       | 9            | 8     | 1         |
| 117           | Ulcer of stomach or duodenum                               | 95           | 77    | 18        | 171b          | Other and unspecified road-transport accidents                     | 9            | 8     | 1         |
| 117a          | Ulcer of stomach   | 82           | 66    | 16        | 173           | Air-transport accidents  | 3            | 3     | -         |
| 117b          | Ulcer of duodenum  | 13           | 11    | 2         | 174           | Accidents in mines and quarries                                    | 1            | -     | 1         |
| 118           | Other diseases of stomach (except cancer)                  | 55           | 47    | 8         | 175           | Agricultural and forestry accidents                                | 3            | 3     | -         |
| 119           | Diarrhea, enteritis, etc.* (under 2 years)                 | 2,869        | 2,398 | 471       | 175a-c        | Agricultural accidents   | 3            | 3     | -         |
| 120           | Diarrhea, enteritis, etc.* (2 years and over)              | 1,063        | 861   | 192       |               |  |              |       |           |
| 121           | Appendicitis   | 27           | 20    | 7         |               |  |              |       |           |
| 122           | Hernia and intestinal obstruction                          | 64           | 69    | 15        |               |  |              |       |           |
| 122a          | Hernia   | 28           | 25    | 3         |               |  |              |       |           |
| 122b          | Intestinal obstruction                                     | 56           | 46    | 10        |               |  |              |       |           |
| 123           | Other diseases of intestine                                | 32           | 28    | 4         |               |  |              |       |           |
| 124           | Cirrhosis of liver   | 236          | 180   | 56        |               |  |              |       |           |
| 124a          | Cirrhosis of liver with mention of alcoholism              | 31           | 23    | 8         |               |  |              |       |           |
| 124b          | Cirrhosis of liver without mention of alcoholism           | 205          | 157   | 48        |               |  |              |       |           |
| 125           | Other diseases of liver                                    | 36           | 32    | 4         |               |  |              |       |           |
| 126           | Biliary calculi  | 9            | 9     | -         |               |  |              |       |           |
| 127           | Other diseases of gallbladder, biliary ducts               | 16           | 16    | -         |               |  |              |       |           |
| 128           | Diseases of pancreas (except diabetes mellitus)            | 10           | 8     | 2         |               |  |              |       |           |
| 129           | Peritonitis (causes not stated)                            | 11           | 6     | 5         |               |  |              |       |           |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Includes figures for infanticide (185).

TABLE 11.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1948-Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total deaths | White | Non-white | Int. List No. | CAUSE OF DEATH   | Total deaths | White | Non-white |
|---------------|---|--------------|-------|-----------|---------------|--|--------------|-------|-----------|
|               | XVII.--Violent or accidental deaths--Con.                   |              |       |           |               | XVII.--Violent or accidental deaths--Con.                                |              |       |           |
|               | Accidental deaths--Continued                                |              |       |           |               | Accidental deaths--Continued   |              |       |           |
| 176           | Other accidents involving machinery-----                    | 10           | 9     | 1         | 191           | Excessive heat-----  | 1            | 1     | -         |
| 177           | Food poisoning-----   | 6            | 5     | 1         | 192           | Lightning-----   | 6            | 5     | 1         |
| 178           | Accidental absorption of poisonous gas-----                 | 3            | 3     | -         | 193           | Accidents due to electric currents (except lightning)-----               | 15           | 11    | 4         |
| 179           | Acute accidental poisoning by solids or liquids-----        | 28           | 22    | 4         | 194           | Poisoning by venomous animals (except in agriculture and forestry)*----- | 1            | 1     | -         |
| 181           | Accidental burns (except conflagration)-----                | 45           | 37    | 8         | 195           | Other accidents-----   | 48           | 34    | 14        |
| 182           | Accidental mechanical suffocation-----                      | 3            | 3     | -         | 195d          | Obstruction, suffocation, etc.*-----                                     | 11           | 9     | 2         |
| 183           | Accidental drowning-----                                    | 118          | 84    | 34        | 195e,e        | Other and unspecified accidents-----                                     | 37           | 25    | 12        |
| 184           | Accidental injury by firearms-----                          | 15           | 15    | -         |               | XVIII.--Ill-defined and unknown causes-----                              | 1,615        | 1,357 | 278       |
| 185           | Accidental injury by cutting or piercing instruments-----   | 4            | 4     | -         |               | Sudden death-----  | 52           | 45    | 7         |
| 186           | Accidental injury by fall or crushing-----                  | 80           | 70    | 10        | 199           | Ill-defined and unknown causes-----                                      | 1,563        | 1,292 | 271       |
| 186a          | Accidental injury by fall-----                              | 75           | 65    | 10        | 200           | Ill-defined causes-----  | 254          | 208   | 48        |
| 186b          | Accidental injury by crushing-----                          | 5            | 5     | -         | 200a          | Unknown or unspecified causes-----                                       | 1,309        | 1,086 | 223       |
| 188           | Injury by animals (except in agriculture and forestry)----- | 1            | 1     | -         | 200b,c        |  |              |       |           |
| 189           | Hunger or thirst-----                                       | 2            | 2     | -         |               |  |              |       |           |

\*Refer to International List for complete title, table IX.

TABLE 12.-DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: PUERTO RICO, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision)

| CAUSE OF DEATH<br>(SEX FOR ALL CAUSES ONLY)                        | Total deaths | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  |
|--|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ALL CAUSES-----  | 26,209       | 2,145 | 2,065 | 2,168 | 2,077 | 2,273 | 2,235 | 2,415 | 2,327 | 2,244 | 2,205 | 2,022 | 2,033 |
| Male-----  | 13,877       | 1,263 | 1,215 | 1,240 | 1,207 | 1,244 | 1,242 | 1,272 | 1,209 | 1,181 | 1,151 | 1,102 | 1,051 |
| Female-----  | 12,332       | 982   | 950   | 1,028 | 970   | 1,029 | 1,093 | 1,143 | 1,118 | 1,063 | 1,054 | 920   | 982   |
| Typhoid and paratyphoid fever-----1,2                              | 25           | 1     | 2     | 1     | 2     | 1     | 2     | 4     | 1     | 2     | 2     | 3     | 4     |
| Cerebrospinal (meningococcus) meningitis-----6                     | 8            | 1     | 2     | 1     | -     | 1     | -     | -     | -     | 2     | -     | 1     | -     |
| Scarlet fever-----8  | -            | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| Whooping cough-----9   | 122          | 32    | 10    | 12    | 9     | 3     | 9     | 9     | 6     | 10    | 8     | 4     | 10    |
| Diphtheria-----10  | 86           | 11    | 11    | 5     | 4     | 3     | 3     | 4     | 12    | 7     | 10    | 8     | 8     |
| Tuberculosis (all forms)-----13-22                                 | 3,861        | 304   | 351   | 335   | 349   | 357   | 341   | 310   | 329   | 317   | 293   | 291   | 284   |
| Tuberculosis of respiratory system, etc.*-----15                   | 3,634        | 294   | 324   | 313   | 318   | 338   | 322   | 297   | 309   | 300   | 279   | 275   | 265   |
| Tuberculosis (other forms)-----14-22                               | 227          | 10    | 27    | 22    | 31    | 19    | 19    | 13    | 20    | 17    | 14    | 16    | 19    |
| Dysentery-----27   | 79           | 9     | 5     | 11    | 7     | 12    | 9     | 4     | 3     | 6     | 6     | 3     | 4     |
| Malaria-----28   | 248          | 26    | 17    | 23    | 22    | 22    | 22    | 23    | 32    | 16    | 17    | 15    | 13    |
| Syphilis-----30  | 182          | 16    | 9     | 21    | 14    | 11    | 15    | 20    | 14    | 14    | 14    | 17    | 17    |
| Measles-----35   | 223          | 6     | 23    | 24    | 16    | 30    | 33    | 31    | 13    | 13    | 11    | 11    | 12    |
| Poliomyelitis, poliomyelitis (acute)-----36                        | 2            | -     | 1     | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -     |
| Cancer and other malignant tumors-----45-55                        | 1,231        | 96    | 98    | 114   | 102   | 104   | 119   | 74    | 120   | 108   | 109   | 89    | 98    |
| Cancer of the digestive organs and peritoneum-----46               | 596          | 48    | 49    | 55    | 45    | 50    | 55    | 36    | 61    | 59    | 54    | 39    | 45    |
| Cancer of female genital organs-----48,49                          | 269          | 22    | 19    | 25    | 19    | 26    | 30    | 15    | 26    | 20    | 25    | 21    | 21    |
| Cancer of the breast-----50  | 25           | -     | -     | 2     | 1     | 5     | 4     | 2     | 1     | 2     | 3     | 4     | 1     |
| Cancer (other sites)-----45,47,51-55                               | 341          | 26    | 30    | 32    | 37    | 23    | 30    | 21    | 32    | 27    | 27    | 25    | 31    |
| Acute rheumatic fever-----58                                       | 22           | -     | 1     | 3     | 1     | 4     | 1     | 3     | 4     | 1     | -     | 3     | 1     |
| Diabetes mellitus-----61   | 104          | 5     | 11    | 10    | 2     | 10    | 7     | 10    | 10    | 9     | 10    | 10    | 10    |
| Exophthalmic goiter-----65b  | 6            | -     | -     | 2     | 1     | -     | 1     | 1     | -     | -     | 1     | -     | -     |
| Pellagra (except alcoholic)-----69                                 | 22           | 3     | 1     | 1     | 1     | 2     | 3     | 2     | 1     | 2     | 1     | 4     | 1     |
| Alcoholism (ethylism)-----77                                       | 31           | 3     | -     | 4     | 4     | 3     | 1     | 2     | 4     | 3     | 3     | 2     | 2     |
| Intra-cranial lesions of vascular origin-----83                    | 730          | 76    | 50    | 50    | 50    | 78    | 60    | 55    | 70    | 57    | 52    | 67    | 85    |
| Diseases of the heart-----90-95                                    | 2,275        | 190   | 203   | 206   | 197   | 216   | 156   | 212   | 183   | 183   | 182   | 182   | 165   |
| Chronic rheumatic diseases of the heart-----90a,92b,c,93c,94b      | 81           | 6     | 5     | 13    | 9     | 5     | 6     | 8     | 10    | 6     | 8     | 6     | 9     |
| Diseases of coronary arteries and angina pectoris-----90a          | 407          | 36    | 37    | 41    | 29    | 42    | 32    | 46    | 27    | 33    | 34    | 30    | 20    |
| Diseases of heart (other forms)-----90b,91,92a,d,e,93a,b,d,e,95a,c | 1,777        | 148   | 161   | 152   | 159   | 169   | 118   | 158   | 146   | 144   | 140   | 146   | 136   |
| Arteriosclerosis and high blood pressure*-----97,102               | 397          | 37    | 29    | 31    | 37    | 28    | 22    | 36    | 35    | 35    | 43    | 31    | 33    |
| Pneumonia (all forms) and influenza-----107-109,33                 | 2,761        | 187   | 161   | 196   | 222   | 218   | 191   | 247   | 256   | 311   | 336   | 237   | 189   |
| Bronchopneumonia-----107   | 1,655        | 120   | 97    | 128   | 143   | 133   | 127   | 161   | 139   | 169   | 204   | 111   | 124   |
| Lobar pneumonia-----108  | 235          | 16    | 17    | 18    | 20    | 18    | 12    | 21    | 24    | 23    | 34    | 20    | 12    |
| Pneumonia (unspecified)-----109                                    | 701          | 46    | 42    | 44    | 47    | 56    | 49    | 50    | 61    | 93    | 73    | 95    | 55    |
| Influenza-----33   | 170          | 5     | 5     | 6     | 12    | 11    | 3     | 15    | 33    | 26    | 25    | 21    | 8     |
| Ulcer of stomach or duodenum-----117                               | 95           | 5     | 8     | 5     | 6     | 11    | 11    | 5     | 9     | 11    | 10    | 9     | 5     |
| Diarrhea, enteritis, etc.*-----119,120                             | 3,922        | 303   | 277   | 269   | 256   | 362   | 436   | 449   | 397   | 313   | 279   | 278   | 303   |
| Appendicitis-----121   | 27           | 2     | 2     | 1     | -     | -     | 1     | 2     | 7     | 4     | 3     | 2     | 3     |
| Hernia and intestinal obstruction-----122                          | 84           | 5     | 6     | 6     | 11    | 8     | 7     | 14    | 10    | 5     | 5     | 4     | 3     |
| Cirrhosis of the liver-----124                                     | 236          | 26    | 15    | 21    | 16    | 17    | 20    | 21    | 23    | 21    | 16    | 23    | 17    |
| Biliary calculi, etc.*-----126,127                                 | 25           | 4     | 1     | -     | 2     | 2     | -     | 6     | 3     | 3     | 1     | 2     | 1     |
| Nephritis-----130-132  | 926          | 86    | 104   | 79    | 89    | 62    | 72    | 85    | 70    | 76    | 71    | 74    | 59    |
| Diseases of the prostate-----137                                   | 19           | 1     | 1     | 2     | 1     | 1     | 2     | 2     | 6     | 1     | 1     | 1     | 1     |
| Diseases of pregnancy, etc.*-----140-150                           | 255          | 17    | 13    | 23    | 20    | 21    | 18    | 31    | 20    | 18    | 30    | 20    | 24    |
| Puerperal septicemia-----140,142a,145A,147                         | 44           | 4     | 4     | 1     | 2     | 4     | 6     | 5     | 5     | -     | 7     | 3     | 3     |
| Puerperal toxemia-----141a,c,144,148                               | 51           | 3     | 5     | 10    | 4     | 7     | -     | 7     | 2     | 1     | 2     | 3     | 7     |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,149             | 126          | 7     | 3     | 9     | 8     | 10    | 10    | 16    | 10    | 12    | 17    | 12    | 12    |
| Other puerperal causes-----141d,e,f,145B,150                       | 34           | 3     | 1     | 3     | 6     | -     | 2     | 3     | 3     | 5     | 4     | 2     | 2     |
| Congenital malformations-----157                                   | 311          | 31    | 22    | 27    | 22    | 25    | 25    | 30    | 31    | 25    | 26    | 23    | 24    |
| Diseases peculiar to first year of life-----158-161                | 1,906        | 185   | 159   | 159   | 148   | 173   | 154   | 176   | 145   | 171   | 127   | 149   | 162   |
| Premature birth-----159  | 681          | 68    | 66    | 53    | 49    | 58    | 50    | 63    | 57    | 58    | 43    | 52    | 64    |
| Other diseases peculiar to first year-----158,160,161              | 1,225        | 117   | 93    | 106   | 99    | 115   | 104   | 113   | 86    | 113   | 84    | 97    | 98    |
| Suicide-----163,164  | 450          | 29    | 40    | 43    | 28    | 41    | 50    | 43    | 46    | 42    | 35    | 30    | 31    |
| Homicide-----165-169   | 306          | 33    | 23    | 26    | 23    | 27    | 16    | 19    | 22    | 33    | 31    | 27    | 26    |
| Accidental deaths-----169-195                                      | 648          | 33    | 44    | 57    | 65    | 66    | 64    | 60    | 47    | 64    | 58    | 43    | 47    |
| Motor-vehicle accidents-----170                                    | 232          | 9     | 20    | 21    | 22    | 23    | 25    | 23    | 15    | 26    | 20    | 13    | 15    |
| Other accidents-----169,171-195                                    | 416          | 24    | 24    | 36    | 43    | 43    | 39    | 37    | 32    | 38    | 38    | 30    | 32    |
| Sentinel, ill-defined and unknown causes-----162,199,200           | 2,227        | 159   | 183   | 200   | 162   | 177   | 174   | 222   | 201   | 170   | 208   | 177   | 194   |
| All other causes-----  | 2,350        | 223   | 182   | 200   | 188   | 177   | 190   | 204   | 198   | 191   | 207   | 182   | 208   |

\*Refer to International List for complete title, table IX.

VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948

(Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                      | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|---------------|--|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
|               | ALL CAUSES-----                                    | 26,209       | 6,876   | 4,210  | 856    | 344      | 585      | 1,063    | 1,887    | 1,728    | 1,632    | 1,821    | 2,068    | 1,542    | 1,584       | 13         |
|               | White-----Male----                                 | 11,224       | 3,239   | 1,707  | 357    | 140      | 216      | 417      | 715      | 706      | 752      | 845      | 928      | 678      | 519         | 5          |
|               | Female----   | 9,991        | 2,686   | 1,769  | 351    | 126      | 237      | 416      | 724      | 620      | 521      | 555      | 707      | 575      | 700         | 4          |
|               | Nonwhite-----Male----                              | 2,653        | 538     | 359    | 94     | 44       | 52       | 109      | 231      | 227      | 206      | 257      | 240      | 149      | 143         | 4          |
|               | Female----   | 2,341        | 415     | 375    | 54     | 34       | 80       | 121      | 217      | 175      | 153      | 164      | 193      | 140      | 222         | -          |
| 1,2           | Typhoid and paratyphoid fever-----                 | 25           | 1       | -      | 1      | 2        | 1        | 6        | 4        | 3        | 3        | 1        | 2        | -        | 1           | -          |
|               | White-----Male----                                 | 9            | -       | -      | 1      | 1        | -        | 2        | 2        | 1        | 1        | -        | -        | -        | 1           | -          |
|               | Female----   | 10           | -       | -      | -      | 1        | 1        | 3        | 1        | 1        | 1        | -        | 2        | -        | -           | -          |
|               | Nonwhite-----Male----                              | 1            | -       | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 5            | 1       | -      | -      | -        | -        | 1        | -        | 1        | 1        | -        | -        | -        | -           | -          |
| 6             | Cerebrospinal (meningococcus) meningitis-----      | 8            | 1       | 4      | 1      | -        | 1        | 1        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | White-----Male----                                 | 7            | 1       | 3      | 1      | -        | 1        | 1        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 1            | -       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Nonwhite-----Male----                              | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 9             | Whooping cough-----                                | 121          | 66      | 52     | 3      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | White-----Male----                                 | 42           | 17      | 22     | 3      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 66           | 41      | 25     | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Nonwhite-----Male----                              | 9            | 5       | 4      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 4            | 3       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 10            | Diphtheria-----                                    | 86           | 19      | 60     | 7      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | White-----Male----                                 | 41           | 9       | 31     | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 35           | 9       | 22     | 4      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Nonwhite-----Male----                              | 7            | 1       | 5      | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 3            | -       | 2      | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 13-22         | Tuberculosis (all forms)-----                      | 3,861        | 86      | 212    | 64     | 74       | 262      | 564      | 874      | 724      | 451      | 279      | 181      | 62       | 25          | 3          |
|               | White-----Male----                                 | 1,457        | 45      | 100    | 20     | 21       | 76       | 196      | 274      | 280      | 199      | 152      | 80       | 26       | 7           | 1          |
|               | Female----   | 1,531        | 25      | 80     | 26     | 35       | 123      | 248      | 392      | 272      | 153      | 81       | 60       | 23       | 11          | 2          |
|               | Nonwhite-----Male----                              | 444          | 11      | 14     | 15     | 6        | 21       | 46       | 69       | 105      | 55       | 45       | 27       | 9        | 3           | -          |
|               | Female----   | 429          | 5       | 19     | 3      | 12       | 42       | 74       | 119      | 69       | 44       | 21       | 14       | 4        | 4           | -          |
| 13            | Tuberculosis of respiratory system, etc.*-----     | 3,634        | 37      | 108    | 40     | 66       | 258      | 557      | 866      | 717      | 446      | 274      | 160      | 59       | 24          | 2          |
|               | White-----Male----                                 | 1,355        | 20      | 51     | 10     | 18       | 76       | 194      | 270      | 278      | 197      | 130      | 79       | 26       | 6           | 2          |
|               | Female----   | 1,444        | 10      | 36     | 17     | 33       | 119      | 247      | 389      | 269      | 153      | 78       | 60       | 20       | 11          | 2          |
|               | Nonwhite-----Male----                              | 420          | 5       | 7      | 10     | 3        | 21       | 45       | 69       | 102      | 54       | 45       | 27       | 9        | 3           | -          |
|               | Female----   | 415          | 2       | 14     | 3      | 12       | 42       | 71       | 119      | 66       | 42       | 21       | 14       | 4        | 4           | -          |
| 14-22         | Tuberculosis (other forms)-----                    | 227          | 49      | 104    | 24     | 8        | 4        | 7        | 8        | 5        | 2        | 1        | 3        | 1        | 1           | 1          |
|               | White-----Male----                                 | 102          | 25      | 49     | 10     | 3        | 2        | 4        | 4        | 2        | 2        | 3        | 1        | -        | -           | -          |
|               | Female----   | 87           | 15      | 44     | 9      | 2        | 4        | 1        | 3        | 3        | 1        | 3        | -        | 3        | -           | -          |
|               | Nonwhite-----Male----                              | 24           | 6       | 7      | 5      | 3        | -        | 1        | -        | 1        | 1        | -        | -        | -        | -           | -          |
|               | Female----   | 14           | 3       | 4      | -      | -        | -        | 3        | 1        | 2        | 2        | -        | -        | -        | -           | -          |
| 27            | Dysentery-----                                     | 79           | 43      | 14     | 2      | 2        | -        | 2        | 3        | 4        | 2        | 5        | 1        | 1        | 1           | -          |
|               | White-----Male----                                 | 35           | 20      | 5      | 2      | -        | -        | 1        | 1        | 2        | 1        | 3        | -        | -        | -           | -          |
|               | Female----   | 32           | 17      | 7      | -      | 2        | -        | -        | 1        | 2        | 1        | 1        | 1        | 1        | -           | -          |
|               | Nonwhite-----Male----                              | 10           | 5       | 1      | -      | -        | -        | 1        | 1        | -        | -        | -        | 1        | -        | 1           | -          |
|               | Female----   | 2            | 1       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 28            | Malaria-----                                       | 248          | 52      | 76     | 10     | 8        | 5        | 6        | 18       | 14       | 21       | 12       | 9        | 11       | 6           | -          |
|               | White-----Male----                                 | 90           | 20      | 23     | 2      | 3        | 3        | 3        | 7        | 7        | 9        | 6        | 2        | 3        | 2           | -          |
|               | Female----   | 86           | 19      | 31     | 2      | 2        | 2        | 1        | 8        | 4        | 7        | 5        | 4        | 2        | 3           | -          |
|               | Nonwhite-----Male----                              | 37           | 6       | 12     | 4      | 2        | -        | 1        | 4        | 2        | 1        | 1        | 3        | 1        | -           | -          |
|               | Female----   | 35           | 7       | 10     | 2      | 1        | -        | 1        | 1        | 1        | 1        | 2        | 3        | -        | -           | -          |
| 30            | Syphilis-----                                      | 182          | 35      | 6      | 2      | 2        | 4        | 6        | 20       | 20       | 22       | 27       | 20       | 10       | 4           | 2          |
|               | White-----Male----                                 | 97           | 17      | 4      | -      | 1        | 2        | 2        | 10       | 12       | 12       | 18       | 13       | 3        | 2           | 1          |
|               | Female----   | 40           | 15      | 2      | 1      | -        | 1        | 3        | 3        | 2        | 3        | 5        | 2        | 2        | 1           | -          |
|               | Nonwhite-----Male----                              | 34           | 3       | -      | 1      | 1        | -        | 1        | 6        | 4        | 6        | 3        | 4        | 3        | 1           | 1          |
|               | Female----   | 11           | -       | -      | -      | -        | 1        | 2        | 1        | 2        | 1        | 1        | 1        | 2        | -           | -          |
| 35            | Measles-----                                       | 223          | 46      | 142    | 27     | 4        | 2        | 1        | 1        | -        | -        | -        | -        | -        | -           | -          |
|               | White-----Male----                                 | 95           | 18      | 63     | 9      | 2        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 89           | 20      | 52     | 13     | 2        | -        | 1        | 1        | -        | -        | -        | -        | -        | -           | -          |
|               | Nonwhite-----Male----                              | 19           | 3       | 12     | 4      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 22           | 5       | 15     | 1      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 36            | Poliomyelitis, poliomyelitis (acute)-----          | 2            | -       | 2      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | White-----Male----                                 | 1            | -       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 1            | -       | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Nonwhite-----Male----                              | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 45-55         | Cancer and other malignant tumors-----             | 1,231        | 2       | 3      | 7      | 4        | 3        | 11       | 53       | 127      | 221      | 307      | 272      | 149      | 72          | -          |
|               | White-----Male----                                 | 514          | 2       | 2      | 3      | 2        | 1        | 5        | 10       | 34       | 77       | 134      | 132      | 79       | 33          | -          |
|               | Female----   | 494          | -       | 1      | 4      | 1        | 1        | 3        | 33       | 69       | 103      | 113      | 97       | 47       | 22          | -          |
|               | Nonwhite-----Male----                              | 103          | -       | -      | -      | 1        | 1        | 1        | 2        | 10       | 21       | 28       | 21       | 9        | 9           | -          |
|               | Female----   | 120          | -       | -      | -      | -        | -        | 2        | 8        | 14       | 20       | 32       | 22       | 14       | 8           | -          |
| 46            | Cancer of the digestive organs and peritoneum----- | 596          | -       | -      | 3      | 1        | 2        | 3        | 20       | 55       | 106      | 159      | 134      | 73       | 40          | -          |
|               | White-----Male----                                 | 315          | -       | -      | 2      | -        | 1        | 2        | 10       | 24       | 51       | 83       | 76       | 40       | 24          | -          |
|               | Female----   | 186          | -       | -      | 1      | 1        | -        | -        | 6        | 20       | 35       | 47       | 45       | 19       | 10          | -          |
|               | Nonwhite-----Male----                              | 81           | -       | -      | -      | -        | 1        | 1        | 1        | 6        | 15       | 17       | 10       | 7        | 3           | -          |
|               | Female----   | 36           | -       | -      | -      | -        | -        | -        | 1        | 5        | 5        | 12       | 3        | 7        | 3           | -          |
| 49,49         | Cancer of the female genital organs-----           | 269          | -       | -      | 1      | -        | 1        | 3        | 23       | 46       | 51       | 66       | 45       | 20       | 13          | -          |
|               | White-----Female----                               | 213          | -       | -      | 1      | -        | 1        | 2        | 17       | 39       | 43       | 51       | 34       | 15       | 10          | -          |
|               | Nonwhite-----Female----                            | 36           | -       | -      | -      | -        | -        | 1        | 6        | 7        | 8        | 15       | 11       | 5        | 3           | -          |
| 50            | Cancer of the breast-----                          | 25           | -       | -      | -      | -        | -        | -        | 1        | 4        | 12       | 1        | 3        | 3        | 1           | -          |
|               | White-----Male----                                 | 1            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|               | Female----   | 18           | -       | -      | -      | -        | -        | -        | 1        | 2        | 11       | 1        | 1        | 2        | 7           | -          |
|               | Nonwhite-----Male----                              | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|               | Female----   | 6            | -       | -      | -      | -        | -        | -        | -        | 2        | 1        | -        | 1        | 1        | 1           | -          |
| 45,47, 51-55  | Cancer (other sites)-----                          | 341          | 2       | 3      | 3      | 3        | -        | 5        | 9        | 22       | 52       | 81       | 90       | 53       | 18          | -          |
|               | White-----Male----                                 | 200          | 2       | 2      | 1      | 2        | -        | 3        | -        | 10       | 26       | 51       | 55       | 39       | 9           | -          |
|               | Female----   | 77           | -       | 1      | 2      | -        | -        | 1        | 7        | 8        | 14       | 17       | 11       | 2        | -           | -          |
|               | Nonwhite-----Male----                              | 42           | -       | -      | -      | 1        | -        | -        | 1        | 4        | 6        | 11       | 11       | 2        | 6           | -          |
|               | Female----   | 22           | -       | -      | -      | -        | -        | 1        | 1        | -        | 6        | 5        | 7        | 1        | 1           | -          |

\*Refer to International List for complete title, table IX.

TABLE 13.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948—Continued

(Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

| Int. List No.                     | CAUSE OF DEATH, RACE, AND SEX                     | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|-----------------------------------|---|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 58                                | Acute rheumatic fever                             | 22           | -       | 2      | 4      | 4        | 2        | 2        | 1        | -        | -        | 1        | 1        | 3        | 2           | -          |
|                                   | White—Male  | 8            | -       | 1      | -      | 3        | 1        | 1        | -        | -        | -        | -        | -        | 1        | 1           | -          |
|                                   | White—Female                                      | 8            | -       | 1      | 3      | 1        | -        | -        | -        | -        | -        | 1        | 1        | 1        | -           | -          |
|                                   | Nonwhite—Male                                     | 2            | -       | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | 1           | -          |
| 61                                | Diabetes mellitus                                 | 104          | -       | 1      | 1      | 2        | 3        | 2        | 7        | 5        | 14       | 27       | 20       | 12       | 10          | -          |
|                                   | White—Male  | 32           | -       | 1      | 1      | -        | 2        | 2        | 4        | 1        | 6        | 6        | 4        | 6        | 2           | -          |
|                                   | White—Female                                      | 48           | -       | -      | -      | 2        | 1        | 1        | 3        | 2        | 6        | 16       | 7        | 5        | 5           | -          |
|                                   | Nonwhite—Male                                     | 11           | -       | -      | -      | -        | -        | 1        | -        | 2        | 1        | 1        | 3        | 1        | 2           | -          |
| 65b                               | Exophthalmic goiter                               | 6            | -       | -      | -      | -        | -        | 1        | 1        | 1        | 3        | -        | -        | -        | -           | -          |
|                                   | White—Male  | 6            | -       | -      | -      | -        | -        | 1        | 1        | 1        | 3        | -        | -        | -        | -           | -          |
|                                   | White—Female                                      | 6            | -       | -      | -      | -        | -        | 1        | 1        | 1        | 3        | -        | -        | -        | -           | -          |
|                                   | Nonwhite—Male                                     | -            | -       | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 69                                | Pellagra (except alcoholic)                       | 22           | 1       | 10     | 4      | 2        | 1        | 1        | -        | 1        | 1        | 1        | -        | -        | -           | -          |
|                                   | White—Male  | 3            | -       | -      | -      | -        | 1        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                                   | White—Female                                      | 12           | -       | 5      | 3      | 2        | -        | 1        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                                   | Nonwhite—Male                                     | 4            | 1       | 2      | 1      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 77                                | Alcoholism (ethylishm)                            | 31           | -       | 1      | -      | -        | -        | 1        | 10       | 5        | 5        | 3        | 2        | 2        | 2           | -          |
|                                   | White—Male  | 23           | -       | 1      | -      | -        | -        | 1        | 9        | 3        | 3        | 1        | 2        | 1        | 2           | -          |
|                                   | White—Female                                      | 2            | -       | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | -           | -          |
|                                   | Nonwhite—Male                                     | 5            | -       | -      | -      | -        | -        | -        | 1        | 1        | 2        | 1        | -        | -        | -           | -          |
| 83                                | Intracranial lesions of vascular origin           | 750          | 4       | 6      | 5      | 1        | 3        | 5        | 25       | 44       | 81       | 127      | 186      | 151      | 112         | -          |
|                                   | White—Male  | 554          | 2       | 3      | 3      | 1        | 2        | 3        | 12       | 17       | 37       | 64       | 84       | 67       | 39          | -          |
|                                   | White—Female                                      | 240          | -       | 3      | 2      | -        | -        | 1        | 11       | 13       | 25       | 38       | 65       | 45       | 44          | -          |
|                                   | Nonwhite—Male                                     | 76           | 1       | -      | -      | -        | 1        | 1        | 1        | 5        | 12       | 15       | 22       | 13       | 5           | -          |
| 90-95                             | Diseases of the heart                             | 2,275        | 8       | 28     | 52     | 16       | 22       | 31       | 64       | 135      | 223      | 362      | 535      | 425      | 395         | 1          |
|                                   | White—Male  | 961          | 3       | 10     | 15     | 7        | 5        | 9        | 24       | 52       | 95       | 177      | 240      | 177      | 147         | -          |
|                                   | White—Female                                      | 807          | 3       | 12     | 13     | 4        | 12       | 16       | 28       | 41       | 69       | 101      | 174      | 166      | 169         | -          |
|                                   | Nonwhite—Male                                     | 254          | -       | 3      | 3      | -        | 1        | 3        | 7        | 25       | 29       | 50       | 63       | 38       | 31          | 1          |
| 90a,92b,c, 93c,95b                | Chronic rheumatic diseases of the heart           | 91           | -       | 2      | 13     | 4        | 9        | 6        | 7        | 9        | 4        | 13       | 15       | 7        | 4           | -          |
|                                   | White—Male  | 24           | -       | -      | 4      | 1        | 1        | 2        | -        | 1        | 2        | 6        | 2        | 4        | 1           | -          |
|                                   | White—Female                                      | 39           | -       | -      | 7      | 2        | 6        | 1        | 5        | 4        | 2        | 2        | 6        | 2        | 2           | -          |
|                                   | Nonwhite—Male                                     | 11           | -       | 1      | 1      | -        | 1        | 1        | 1        | 2        | -        | 2        | 3        | -        | -           | -          |
| 94                                | Diseases of coronary arteries and angina pectoris | 407          | 1       | 1      | -      | -        | 1        | 2        | 14       | 37       | 60       | 102      | 105      | 53       | 31          | -          |
|                                   | White—Male  | 196          | 1       | 1      | -      | -        | 1        | 1        | 6        | 21       | 23       | 55       | 57       | 21       | 12          | -          |
|                                   | White—Female                                      | 117          | -       | -      | -      | -        | 1        | 1        | 6        | 5        | 16       | 29       | 27       | 21       | 13          | -          |
|                                   | Nonwhite—Male                                     | 53           | -       | -      | -      | -        | -        | 2        | 7        | 13       | 10       | 13       | 7        | 1        | -           | -          |
| 90b,91, 92a,d,e, 95a,b,d,e, 95a,c | Diseases of the heart (other forms)               | 1,777        | 5       | 25     | 19     | 12       | 12       | 23       | 43       | 89       | 159      | 247      | 417      | 365      | 380         | 1          |
|                                   | White—Male  | 741          | 2       | 9      | 11     | 6        | 4        | 6        | 18       | 30       | 70       | 119      | 181      | 152      | 134         | -          |
|                                   | White—Female                                      | 651          | 3       | 12     | 6      | 2        | 5        | 13       | 17       | 34       | 51       | 70       | 141      | 143      | 154         | -          |
|                                   | Nonwhite—Male                                     | 190          | -       | 2      | 2      | -        | 1        | 2        | 4        | 16       | 16       | 38       | 47       | 31       | 30          | 1          |
| 97,102                            | Arteriosclerosis and high blood pressure*         | 597          | -       | -      | -      | -        | -        | 2        | 4        | 11       | 36       | 82       | 97       | 165      | -           |            |
|                                   | White—Male  | 143          | -       | -      | -      | -        | -        | -        | 3        | 7        | 17       | 26       | 36       | 54       | -           |            |
|                                   | White—Female                                      | 163          | -       | -      | -      | -        | -        | 1        | 3        | 12       | 38       | 38       | 71       | 71       | -           |            |
|                                   | Nonwhite—Male                                     | 49           | -       | -      | -      | -        | -        | 1        | 1        | 1        | 4        | 8        | 14       | 20       | -           |            |
| 107-109, 33                       | Pneumonia (all forms) and influenza               | 2,761        | 1,153   | 845    | 146    | 47       | 26       | 18       | 54       | 62       | 47       | 75       | 92       | 62       | 76          | -          |
|                                   | White—Male  | 1,146        | 557     | 347    | 61     | 17       | 6        | 4        | 25       | 19       | 21       | 27       | 32       | 33       | 19          | -          |
|                                   | White—Female                                      | 1,170        | 484     | 398    | 64     | 18       | 13       | 8        | 18       | 22       | 15       | 23       | 40       | 32       | 35          | -          |
|                                   | Nonwhite—Male                                     | 243          | 70      | 78     | 12     | 11       | 4        | 2        | 5        | 7        | 8        | 14       | 12       | 10       | 10          | -          |
| 107                               | Bronchopneumonia                                  | 1,655        | 752     | 571    | 84     | 26       | 10       | 8        | 22       | 17       | 21       | 25       | 52       | 35       | 32          | -          |
|                                   | White—Male  | 720          | 364     | 225    | 38     | 12       | 3        | 2        | 8        | 5        | 10       | 11       | 18       | 14       | 9           | -          |
|                                   | White—Female                                      | 677          | 298     | 249    | 33     | 9        | 3        | 3        | 8        | 7        | 5        | 8        | 23       | 14       | 17          | -          |
|                                   | Nonwhite—Male                                     | 158          | 50      | 51     | 7      | 5        | 2        | -        | 2        | 3        | 3        | 2        | 5        | 4        | 4           | -          |
| 108                               | Lobar pneumonia                                   | 235          | 76      | 49     | 9      | 5        | 6        | 2        | 15       | 10       | 10       | 14       | 15       | 14       | 12          | -          |
|                                   | White—Male  | 92           | 31      | 17     | 7      | 3        | 1        | -        | 6        | 3        | 4        | 4        | 6        | 5        | 2           | -          |
|                                   | White—Female                                      | 98           | 38      | 24     | 2      | 2        | 5        | 1        | 3        | 5        | 3        | 3        | 5        | 3        | 4           | -          |
|                                   | Nonwhite—Male                                     | 27           | 4       | 3      | -      | -        | 1        | 2        | 2        | 2        | 3        | 6        | 2        | 2        | 2           | -          |
| 109                               | Pneumonia (unspecified)                           | 701          | 266     | 224    | 47     | 15       | 7        | 7        | 15       | 19       | 10       | 29       | 19       | 23       | 20          | -          |
|                                   | White—Male  | 266          | 114     | 87     | 14     | 2        | 2        | 2        | 6        | 5        | 5        | 11       | 5        | 9        | 4           | -          |
|                                   | White—Female                                      | 319          | 124     | 100    | 25     | 6        | 3        | 3        | 5        | 10       | 3        | 8        | 11       | 11       | 10          | -          |
|                                   | Nonwhite—Male                                     | 61           | 11      | 20     | 5      | 6        | 1        | 1        | 1        | 2        | 2        | 4        | 3        | 3        | 2           | -          |
| 33                                | Influenza   | 170          | 59      | 49     | 6      | 1        | 3        | 1        | 4        | 6        | 6        | 7        | 6        | 10       | 12          | -          |
|                                   | White—Male  | 68           | 28      | 18     | 2      | -        | -        | -        | 1        | 1        | 2        | 1        | 3        | 4        | 4           | -          |
|                                   | White—Female                                      | 76           | 24      | 25     | 4      | 1        | 2        | 1        | 2        | 4        | 4        | 2        | 1        | 4        | 4           | -          |
|                                   | Nonwhite—Male                                     | 17           | 5       | 4      | -      | -        | 1        | -        | -        | -        | -        | 2        | 2        | 1        | 2           | -          |
| 117                               | Ulcer of stomach or duodenum                      | 95           | 1       | -      | 1      | -        | 2        | 3        | 14       | 13       | 21       | 16       | 10       | 10       | 4           | -          |
|                                   | White—Male  | 59           | -       | -      | 1      | -        | 2        | 2        | 9        | 8        | 14       | 10       | 5        | 6        | 2           | -          |
|                                   | White—Female                                      | 18           | -       | -      | -      | -        | -        | -        | 1        | 2        | 6        | 2        | 3        | 3        | 1           | -          |
|                                   | Nonwhite—Male                                     | 12           | 1       | -      | -      | -        | -        | -        | 1        | 3        | -        | 4        | 2        | 1        | -           | -          |
| 118,120                           | Diarrhea, enteritis, etc.*                        | 3,922        | 2,136   | 1,415  | 164    | 11       | 5        | 5        | 13       | 23       | 25       | 27       | 34       | 40       | 26          | -          |
|                                   | White—Male  | 1,714        | 971     | 598    | 64     | 5        | 2        | 1        | 6        | 10       | 14       | 5        | 15       | 15       | 8           | -          |
|                                   | White—Female                                      | 1,545        | 848     | 547    | 70     | 4        | 2        | 2        | 3        | 8        | 5        | 12       | 10       | 20       | 14          | -          |
|                                   | Nonwhite—Male                                     | 337          | 173     | 123    | 16     | -        | -        | 2        | 2        | 2        | 5        | 3        | 3        | 5        | 2           | -          |
|                                   |   | 326          | 144     | 146    | 14     | 2        | 1        | -        | 1        | 3        | 1        | 3        | 5        | 4        | 2           | -          |

\*Refer to International List for complete title, table IX.  
891563 O-50-17

VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948—Continued

(Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

| Int. List No.           | CAUSE OF DEATH, RACE, AND SEX              | Total deaths                      | Un-   | 1    | 5    | 10    | 15    | 20    | 25    | 35    | 45    | 55    | 65    | 75    | 85       | Not stated |
|-------------------------|--|-----------------------------------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|------------|
|                         |  |                                   | der 1 | to 4 | to 9 | to 14 | to 19 | to 24 | to 34 | to 44 | to 54 | to 64 | to 74 | to 84 | and over |            |
| 121                     | Appendicitis-----                          | 27                                | 4     | 4    | 4    | 5     | 2     | 1     | 5     | 1     | -     | 1     | -     | -     | -        | -          |
|                         | White-----Male                             | 15                                | 1     | 2    | 1    | 4     | 2     | 1     | 2     | -     | -     | -     | -     | -     | -        | -          |
|                         | White-----Female                           | 7                                 | 3     | 1    | 1    | -     | -     | -     | 1     | -     | -     | 1     | -     | -     | -        | -          |
|                         | Nonwhite-----Male                          | 4                                 | -     | -    | 2    | -     | -     | -     | 2     | -     | -     | -     | -     | -     | -        | -          |
| 122                     | Hernia, intestinal obstruction-----        | 84                                | 8     | 7    | 2    | 2     | 3     | 3     | 5     | 6     | 8     | 10    | 15    | 8     | 7        | -          |
|                         | White-----Male                             | 48                                | 7     | 4    | 1    | 2     | 1     | 3     | 2     | 5     | 4     | 10    | 5     | 4     | 4        | -          |
|                         | White-----Female                           | 21                                | 1     | 1    | -    | -     | -     | 3     | 1     | 3     | 2     | 3     | 3     | 2     | 2        | -          |
|                         | Nonwhite-----Male                          | 11                                | -     | 2    | 1    | -     | 1     | 1     | 1     | 1     | 1     | 3     | 1     | -     | -        | -          |
| 124                     | Cirrhosis of the liver-----                | 236                               | -     | 1    | 1    | 3     | -     | 5     | 20    | 46    | 44    | 58    | 54    | 14    | 10       | -          |
|                         | White-----Male                             | 151                               | -     | 1    | 1    | 1     | -     | 3     | 11    | 22    | 27    | 35    | 20    | 8     | 4        | -          |
|                         | White-----Female                           | 49                                | -     | -    | -    | 2     | -     | 2     | 5     | 7     | 9     | 10    | 8     | 3     | 3        | -          |
|                         | Nonwhite-----Male                          | 39                                | -     | -    | -    | -     | -     | -     | 4     | 10    | 4     | 11    | 5     | 3     | 2        | -          |
| 126,127                 | Biliary calculi, etc.*-----                | 25                                | -     | -    | -    | -     | -     | -     | 3     | 5     | 7     | 4     | 3     | 3     | -        | -          |
|                         | White-----Male                             | 6                                 | -     | -    | -    | -     | -     | -     | -     | 4     | 1     | -     | -     | 1     | -        | -          |
|                         | White-----Female                           | 19                                | -     | -    | -    | -     | -     | -     | 3     | 1     | 6     | 4     | 3     | 2     | -        | -          |
|                         | Nonwhite-----Male                          | -                                 | -     | -    | -    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -        | -          |
| 130-132                 | Nephritis-----                             | 926                               | 30    | 146  | 71   | 16    | 14    | 24    | 56    | 41    | 80    | 111   | 156   | 125   | 96       | -          |
|                         | White-----Male                             | 375                               | 17    | 47   | 29   | 7     | 6     | 8     | 10    | 13    | 58    | 44    | 68    | 59    | 31       | -          |
|                         | White-----Female                           | 539                               | 8     | 76   | 35   | 6     | 5     | 10    | 13    | 18    | 24    | 32    | 54    | 45    | 37       | -          |
|                         | Nonwhite-----Male                          | 101                               | 3     | 12   | 4    | 2     | -     | 1     | 6     | 1     | 7     | 20    | 22    | 14    | 9        | -          |
| 137                     | Diseases of the prostate-----              | 19                                | -     | -    | -    | -     | -     | -     | -     | 1     | 2     | 1     | 5     | 6     | 4        | -          |
|                         | White-----Male                             | 14                                | -     | -    | -    | -     | -     | -     | -     | 1     | 2     | -     | 4     | 4     | 3        | -          |
|                         | Nonwhite-----Male                          | 5                                 | -     | -    | -    | -     | -     | -     | -     | -     | -     | 1     | 1     | 2     | 1        | -          |
|                         | 140-150                                    | Diseases of pregnancy, etc.*----- | 255   | -    | -    | -     | -     | 30    | 52    | 97    | 69    | 7     | -     | -     | -        | -          |
| White-----Female        |  | 201                               | -     | -    | -    | -     | 24    | 43    | 73    | 54    | 7     | -     | -     | -     | -        | -          |
| Nonwhite-----Female     |  | 54                                | -     | -    | -    | -     | 6     | 9     | 24    | 15    | -     | -     | -     | -     | -        | -          |
| 140,142a, 145a,147      |  | Puerperal septicemia-----         | 44    | -    | -    | -     | -     | 5     | 6     | 21    | 12    | -     | -     | -     | -        | -          |
|                         | White-----Female                           | 32                                | -     | -    | -    | -     | 3     | 4     | 15    | 10    | -     | -     | -     | -     | -        | -          |
|                         | Nonwhite-----Female                        | 12                                | -     | -    | -    | -     | 2     | 2     | 6     | 2     | -     | -     | -     | -     | -        | -          |
|                         | 141a, c, 144,146                           | Puerperal toxemia-----            | 51    | -    | -    | -     | -     | 8     | 12    | 19    | 11    | 1     | -     | -     | -        | -          |
| White-----Female        |  | 40                                | -     | -    | -    | -     | 7     | 8     | 16    | 8     | 1     | -     | -     | -     | -        | -          |
| Nonwhite-----Female     |  | 11                                | -     | -    | -    | -     | 1     | 4     | 3     | 3     | -     | -     | -     | -     | -        | -          |
| 141b,142b, 145,146, 149 |  | Hemorrhage, trauma or shock*----- | 126   | -    | -    | -     | -     | 13    | 28    | 48    | 31    | 6     | -     | -     | -        | -          |
|                         | White-----Female                           | 101                               | -     | -    | -    | -     | 11    | 25    | 37    | 22    | 6     | -     | -     | -     | -        | -          |
|                         | Nonwhite-----Female                        | 25                                | -     | -    | -    | -     | 2     | 3     | 11    | 9     | -     | -     | -     | -     | -        | -          |
|                         | 141d,e,f, 145b,150                         | Other puerperal causes-----       | 34    | -    | -    | -     | -     | 4     | 6     | 9     | 15    | -     | -     | -     | -        | -          |
| White-----Female        |  | 28                                | -     | -    | -    | -     | 3     | 6     | 5     | 14    | -     | -     | -     | -     | -        | -          |
| Nonwhite-----Female     |  | 6                                 | -     | -    | -    | -     | 1     | 4     | 1     | -     | -     | -     | -     | -     | -        | -          |
| 157                     |  | Congenital malformations-----     | 311   | 261  | 31   | 8     | 2     | 2     | 4     | 2     | 1     | -     | -     | -     | -        | -          |
|                         | White-----Male                             | 152                               | 129   | 12   | 5    | 2     | 1     | 1     | 2     | -     | -     | -     | -     | -     | -        | -          |
|                         | White-----Female                           | 119                               | 99    | 14   | 2    | -     | 1     | 2     | -     | 1     | -     | -     | -     | -     | -        | -          |
|                         | Nonwhite-----Male                          | 20                                | 16    | 3    | 1    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -        | -          |
| 158-161                 | Diseases peculiar to first year-----       | 1,906                             | 1,906 | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Male                             | 951                               | 951   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Female                           | 690                               | 690   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | Nonwhite-----Male                          | 177                               | 177   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
| 159                     | Premature birth-----                       | 681                               | 681   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Male                             | 326                               | 326   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Female                           | 264                               | 264   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | Nonwhite-----Male                          | 56                                | 56    | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
| 158,160, 161            | Other diseases peculiar to first year----- | 1,225                             | 1,225 | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Male                             | 605                               | 605   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | White-----Female                           | 426                               | 426   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
|                         | Nonwhite-----Male                          | 121                               | 121   | ...  | ...  | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...      | ...        |
| 163,164                 | Suicide-----                               | 458                               | -     | -    | -    | 4     | 43    | 80    | 123   | 74    | 58    | 33    | 29    | 11    | 3        | -          |
|                         | White-----Male                             | 313                               | -     | -    | -    | 2     | 21    | 53    | 81    | 55    | 43    | 25    | 23    | 9     | 1        | -          |
|                         | White-----Female                           | 63                                | -     | -    | -    | 2     | 13    | 15    | 14    | 10    | 4     | 3     | 1     | 1     | -        | -          |
|                         | Nonwhite-----Male                          | 61                                | -     | -    | -    | -     | 3     | 8     | 21    | 9     | 10    | 5     | 4     | 1     | -        | -          |
| 165-168                 | Homicide-----                              | 306                               | 3     | 1    | -    | 1     | 19    | 55    | 111   | 60    | 29    | 13    | 6     | 4     | 3        | 1          |
|                         | White-----Male                             | 202                               | 3     | -    | -    | -     | 7     | 34    | 71    | 48    | 20    | 8     | 6     | 3     | 1        | 1          |
|                         | White-----Female                           | 39                                | -     | 1    | -    | 1     | 6     | 7     | 13    | 4     | 2     | 2     | -     | 1     | 2        | -          |
|                         | Nonwhite-----Male                          | 53                                | -     | -    | -    | -     | 4     | 12    | 21    | 7     | 6     | 3     | -     | -     | -        | -          |
| 169-195                 | Accidental deaths-----                     | 648                               | 29    | 74   | 55   | 41    | 46    | 69    | 119   | 67    | 58    | 39    | 23    | 11    | 15       | 2          |
|                         | White-----Male                             | 390                               | 18    | 35   | 30   | 21    | 30    | 48    | 84    | 41    | 39    | 27    | 10    | 3     | 2        | 1          |
|                         | White-----Female                           | 121                               | 9     | 25   | 16   | 7     | 5     | 8     | 11    | 12    | 4     | 4     | 8     | 7     | 9        | -          |
|                         | Nonwhite-----Male                          | 114                               | -     | 8    | 9    | 12    | 11    | 13    | 22    | 13    | 11    | 7     | 4     | 1     | 2        | 1          |
| 170                     | Motor-vehicle accidents-----               | 232                               | -     | 12   | 23   | 19    | 24    | 30    | 46    | 28    | 22    | 12    | 11    | 2     | -        | 1          |
|                         | White-----Male                             | 152                               | -     | 5    | 15   | 9     | 16    | 21    | 39    | 15    | 15    | 10    | 8     | 1     | -        | -          |
|                         | White-----Female                           | 24                                | -     | 3    | 4    | 1     | 1     | 2     | 3     | 5     | 3     | -     | 2     | -     | -        | -          |
|                         | Nonwhite-----Male                          | 50                                | -     | 2    | 4    | 8     | 7     | 7     | 6     | 7     | 4     | 2     | 1     | 1     | -        | 1          |
| 169, 171-195            | Other accidents-----                       | 416                               | 29    | 62   | 32   | 22    | 22    | 39    | 71    | 39    | 36    | 27    | 12    | 9     | 15       | 1          |
|                         | White-----Male                             | 258                               | 18    | 30   | 15   | 12    | 14    | 28    | 45    | 26    | 26    | 17    | 2     | 2     | 2        | 1          |
|                         | White-----Female                           | 97                                | 9     | 22   | 12   | 6     | 2     | 4     | 8     | 7     | 1     | 4     | 6     | 7     | 9        | -          |
|                         | Nonwhite-----Male                          | 64                                | -     | 6    | 5    | 4     | 4     | 6     | 16    | 6     | 7     | 5     | 3     | -     | 2        | -          |
|                         | Nonwhite-----Female                        | 17                                | 2     | 4    | -    | -     | 2     | 1     | 2     | -     | 2     | 1     | 1     | -     | 2        | -          |

\*Refer to International List for complete title, table IX.

TABLE 13.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1948—Continued

(Exclusive of stillbirths. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

| Int. List No.          | CAUSE OF DEATH, RACE, AND SEX                  | Total deaths | Under 1 | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|------------------------|--|--------------|---------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
|                        |  |              |         |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 162,199, 200           | Semiflity, ill-defined and unknown causes----- | 2,227        | 465     | 415    | 80     | 27       | 18       | 39       | 53       | 69       | 74       | 110      | 195      | 220      | 462         | 2          |
|                        | White-----Male-----                            | 862          | 223     | 161    | 29     | 12       | 11       | 15       | 16       | 25       | 33       | 49       | 76       | 98       | 126         | -          |
|                        | Female-----                                    | 948          | 189     | 179    | 33     | 11       | 4        | 17       | 28       | 29       | 25       | 34       | 78       | 88       | 251         | 2          |
|                        | Nonwhite-----Male-----                         | 201          | 30      | 40     | 8      | 1        | 1        | 5        | 2        | 5        | 11       | 18       | 23       | 20       | 37          | -          |
|                        | Female-----                                    | 216          | 23      | 35     | 10     | 3        | 2        | 4        | 7        | 10       | 5        | 9        | 16       | 24       | 68          | -          |
|                        | All other causes-----                          | 2,350        | 518     | 604    | 154    | 64       | 66       | 65       | 150      | 114      | 114      | 139      | 173      | 105      | 85          | 2          |
| White-----Male-----    | 978  | 249          | 229     | 74     | 26     | 32       | 25       | 44       | 46       | 48       | 56       | 74       | 47       | 28       | 1           |            |
| Female-----            | 969  | 206          | 294     | 61     | 23     | 25       | 23       | 60       | 43       | 36       | 54       | 70       | 44       | 40       | -           |            |
| Nonwhite-----Male----- | 210  | 32           | 40      | 12     | 8      | 4        | 12       | 29       | 15       | 17       | 17       | 13       | 4        | 6        | 1           |            |
| Female-----            | 195  | 32           | 51      | 7      | 7      | 5        | 5        | 17       | 10       | 13       | 11       | 16       | 10       | 9        | -           |            |

TABLE 14.—DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: PUERTO RICO, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Cause in the selected list (table 12, Puerto Rico) for which there were no deaths is not shown)

| CAUSE OF DEATH   | Total deaths | Deaths not in institutions | Deaths in institutions <sup>1</sup> | TYPE OF SERVICE   |                          |  |                       |                               |
|--|--------------|----------------------------|-------------------------------------|-------------------|--------------------------|--|-----------------------|-------------------------------|
|  |              |                            |                                     | General hospitals | Tuber- culosis hospitals | Other non- resident hospitals and institutions | Mental insti- tutions | Other resident insti- tutions |
| ALL CAUSES-----  | 26,209       | 19,764                     | 6,445                               | 5,414             | 693                      | 28   | 65                    | 136                           |
| Typhoid and paratyphoid fever-----1,2                              | 25           | 5                          | 20                                  | 19                | -                        | -  | 1                     | -                             |
| Cerebrospinal (meningococcus) meningitis-----6                     | 8            | 4                          | 4                                   | 4                 | -                        | -  | -                     | -                             |
| Whooping cough-----9   | 121          | 108                        | 15                                  | 15                | -                        | -  | -                     | -                             |
| Diphtheria-----10  | 86           | 29                         | 57                                  | 54                | -                        | -  | -                     | -                             |
| Tuberculosis (all forms)-----13-22                                 | 3,861        | 2,977                      | 984                                 | 265               | 674                      | 4  | 9                     | 8                             |
| Tuberculosis of respiratory system, etc.*-----13                   | 3,634        | 2,785                      | 869                                 | 173               | 674                      | 4  | 8                     | 7                             |
| Tuberculosis (other forms)-----14-22                               | 227          | 112                        | 112                                 | 112               | -                        | -  | 1                     | 1                             |
| Dysentery-----27   | 79           | 44                         | 35                                  | 35                | -                        | -  | -                     | -                             |
| Malaria-----28   | 249          | 179                        | 70                                  | 68                | -                        | -  | -                     | -                             |
| Syphilis-----30  | 182          | 124                        | 58                                  | 44                | 2                        | -  | 7                     | 3                             |
| Measles-----35   | 223          | 193                        | 30                                  | 29                | -                        | -  | -                     | -                             |
| Poliomyelitis, poliomyelitis (acute)-----36                        | 2            | 1                          | 1                                   | 1                 | -                        | -  | -                     | -                             |
| Cancer and other malignant tumors-----45-55                        | 1,231        | 946                        | 285                                 | 257               | 2                        | -  | 4                     | 7                             |
| Cancer of the digestive organs and peritoneum-----46               | 536          | 449                        | 148                                 | 138               | -                        | -  | 3                     | 3                             |
| Cancer of female genital organs-----49,49                          | 269          | 233                        | 36                                  | 31                | -                        | -  | 1                     | 1                             |
| Cancer of the breast-----50  | 25           | 19                         | 6                                   | 4                 | -                        | -  | -                     | 1                             |
| Cancer (other sites)-----45,47,51-55                               | 541          | 246                        | 95                                  | 84                | 2                        | -  | -                     | 2                             |
| Acute rheumatic fever-----58                                       | 22           | 20                         | 2                                   | 2                 | -                        | -  | -                     | -                             |
| Diabetes mellitus-----61   | 104          | 62                         | 42                                  | 38                | -                        | -  | 1                     | 2                             |
| Exophthalmic goiter-----63b  | 6            | 1                          | 5                                   | 4                 | -                        | -  | -                     | 1                             |
| Pellagra (except alcoholic)-----69                                 | 22           | 9                          | 13                                  | 12                | -                        | -  | -                     | -                             |
| Alcoholism (ethylism)-----77                                       | 31           | 19                         | 12                                  | 9                 | 1                        | 1  | -                     | -                             |
| Intracranial lesions of vascular origin-----83                     | 730          | 568                        | 162                                 | 132               | -                        | 3  | 1                     | 20                            |
| Diseases of the heart-----90-95                                    | 2,275        | 1,745                      | 530                                 | 473               | 6                        | 4  | 7                     | 29                            |
| Chronic rheumatic diseases of heart-----90a,92b,c,93c,95b          | 51           | 50                         | 31                                  | 30                | -                        | -  | 1                     | -                             |
| Diseases of coronary arteries and angina pectoris-----94           | 407          | 320                        | 87                                  | 79                | -                        | -  | 5                     | 27                            |
| Diseases of heart (other forms)-----90a,91,92a,d,e,93a,d,4,e,95a,c | 1,777        | 1,368                      | 412                                 | 364               | 6                        | 4  | 1                     | 2                             |
| Arteriosclerosis and high blood pressure*-----97,102               | 397          | 355                        | 42                                  | 32                | -                        | 1  | 1                     | 7                             |
| Pneumonia (all forms) and influenza-----107-109,53                 | 2,761        | 2,161                      | 600                                 | 580               | -                        | 3  | -                     | 10                            |
| Bronchopneumonia-----107   | 1,655        | 1,273                      | 382                                 | 372               | -                        | 3  | 1                     | 4                             |
| Lobar pneumonia-----108  | 235          | 156                        | 79                                  | 73                | -                        | -  | 1                     | 3                             |
| Pneumonia (unspecified)-----109                                    | 701          | 595                        | 106                                 | 103               | -                        | -  | -                     | 2                             |
| Influenza-----53   | 170          | 137                        | 33                                  | 32                | -                        | -  | -                     | 1                             |
| Ulcer of stomach or duodenum-----117                               | 95           | 59                         | 36                                  | 35                | -                        | -  | -                     | -                             |
| Diarrhea, enteritis, etc.*-----119,120                             | 3,922        | 3,322                      | 600                                 | 567               | 1                        | -  | 14                    | 15                            |
| Appendicitis-----121   | 27           | 4                          | 23                                  | 22                | 1                        | -  | -                     | -                             |
| Hernia and intestinal obstruction-----122                          | 84           | 27                         | 57                                  | 55                | -                        | -  | -                     | 1                             |
| Cirrhosis of the liver-----124                                     | 236          | 144                        | 92                                  | 89                | -                        | -  | 1                     | -                             |
| Biliary calculi, etc.*-----125,127                                 | 25           | 4                          | 21                                  | 21                | -                        | -  | -                     | -                             |
| Nephritis-----130-132  | 926          | 747                        | 179                                 | 159               | -                        | 2  | 4                     | 10                            |
| Diseases of the prostate-----137                                   | 19           | 9                          | 10                                  | 10                | -                        | -  | -                     | -                             |
| Diseases of pregnancy, etc.*-----140-150                           | 255          | 84                         | 171                                 | 170               | -                        | -  | -                     | -                             |
| Puerperal septicemia-----140,142a,145a,147                         | 44           | 19                         | 25                                  | 25                | -                        | -  | -                     | -                             |
| Puerperal toxemia-----141a,c,144,148                               | 51           | 9                          | 42                                  | 42                | -                        | -  | -                     | -                             |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,149             | 126          | 44                         | 82                                  | 81                | -                        | -  | -                     | -                             |
| Other puerperal causes-----141d,e,f,145b,150                       | 34           | 12                         | 22                                  | 22                | -                        | -  | -                     | -                             |
| Congenital malformations-----157                                   | 311          | 215                        | 96                                  | 96                | -                        | -  | -                     | -                             |
| Diseases peculiar to first year-----158-161                        | 1,906        | 1,216                      | 690                                 | 678               | -                        | -  | -                     | -                             |
| Premature birth-----159  | 681          | 305                        | 376                                 | 365               | -                        | -  | -                     | -                             |
| Other diseases peculiar to first year-----158,160,161              | 1,225        | 911                        | 314                                 | 311               | -                        | -  | -                     | -                             |
| Suicide-----163,164  | 458          | 272                        | 186                                 | 177               | 2                        | 2  | -                     | 1                             |
| Homicide-----165-168   | 306          | 162                        | 144                                 | 139               | -                        | -  | -                     | -                             |
| Accidental deaths-----169-195                                      | 648          | 358                        | 310                                 | 305               | -                        | -  | 1                     | 1                             |
| Motor-vehicle accidents-----170                                    | 232          | 90                         | 142                                 | 141               | -                        | -  | -                     | -                             |
| Other accidents-----169,171-195                                    | 416          | 248                        | 168                                 | 164               | -                        | -  | 1                     | 1                             |
| Semiflity, ill-defined and unknown causes-----                     | 2,227        | 2,089                      | 138                                 | 124               | 2                        | -  | 3                     | 4                             |
| All other causes-----  | 2,350        | 1,625                      | 725                                 | 678               | 2                        | 8  | 9                     | 17                            |

\*Refer to International List for complete title, table IX.  
<sup>1</sup>Includes deaths occurring in institutions of unknown type.

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TABLE 15.—DEATHS FROM SELECTED CAUSES: PUERTO RICO, EACH MUNICIPALITY, AND  
(By place of occurrence. Exclusive of stillbirths. Numbers under

| 1  | AREA  | Total deaths | Typhoid and para-typhoid fever | Cerebro-spinal (meningococcus) meningitis | Scarlet fever | Whooping cough | Diphtheria | Tuberculosis (all forms) | Dysentery | Malaria | Syphilis | Measles | Poliomyelitis, poli-encephalitis (acute) | Cancer and other malignant tumors | Acute rheumatic fever | Diabetes mellitus |
|----|---|--------------|--------------------------------|---|---------------|----------------|------------|--------------------------|-----------|---------|----------|---------|--|-----------------------------------|-----------------------|-------------------|
|    |   |              | 1,2                            | 6   | 8             | 9              | 10         | 13-22                    | 27        | 28      | 30       | 35      | 36                                       | 45-55                             | 58                    | 61                |
| 1  | PUERTO RICO-----                                | 26,209       | 25                             | 8   | -             | 121            | 86         | 3,861                    | 79        | 248     | 182      | 223     | 2  | 1,231                             | 22                    | 104               |
| 2  | Adjuntas-----                                   | 239          | 1                              | -   | -             | 3              | -          | 22                       | -         | -       | 1        | 3       | -  | 14                                | -                     | -                 |
| 3  | Aguada-----                                     | 240          | -                              | -   | -             | -              | -          | 32                       | -         | -       | -        | 1       | -  | 5                                 | -                     | -                 |
| 4  | Aguadilla-----                                  | 780          | -                              | -   | -             | 7              | 5          | 106                      | 1         | 3       | 8        | 7       | -  | 34                                | -                     | 3                 |
| 5  | Agudilla-----                                   | 450          | 2                              | -   | -             | 3              | 5          | 34                       | 1         | 2       | 3        | 3       | -  | 21                                | -                     | 3                 |
| 6  | Balance of municipality-----                    | 330          | -                              | -   | -             | 4              | -          | 72                       | -         | 1       | 3        | 4       | -  | 13                                | -                     | -                 |
| 7  | Agua Buenas-----                                | 196          | -                              | -   | -             | 5              | -          | 28                       | -         | -       | -        | 2       | -  | 3                                 | -                     | -                 |
| 8  | Aibonito-----                                   | 192          | -                              | -   | -             | 10             | 1          | 31                       | 1         | -       | 1        | 3       | -  | 5                                 | -                     | 1                 |
| 9  | Amasco-----                                     | 240          | -                              | -   | -             | 2              | -          | 20                       | -         | 5       | -        | -       | -  | 3                                 | -                     | 2                 |
| 10 | Arecibo-----                                    | 1,510        | 3                              | -   | -             | 3              | 9          | 241                      | 2         | 13      | 12       | 16      | -  | 71                                | 1                     | 10                |
| 11 | Arecibo-----                                    | 885          | 3                              | -   | -             | 1              | 9          | 152                      | 1         | 7       | 6        | 9       | -  | 36                                | 1                     | 1                 |
| 12 | Balance of municipality-----                    | 625          | -                              | -   | -             | 2              | -          | 89                       | 1         | 6       | 6        | 7       | -  | 35                                | -                     | 3                 |
| 13 | Arroyo-----                                     | 236          | -                              | -   | -             | -              | -          | 7                        | -         | 12      | -        | 3       | -  | 11                                | 1                     | 1                 |
| 14 | Barceloneta-----                                | 187          | 1                              | -   | -             | -              | -          | 25                       | 1         | 4       | 2        | 3       | -  | 5                                 | -                     | -                 |
| 15 | Barranquitas-----                               | 153          | -                              | -   | -             | 4              | 1          | 12                       | -         | -       | 1        | 2       | -  | 6                                 | -                     | 3                 |
| 16 | Bayamon-----                                    | 913          | 5                              | 1   | -             | 2              | 10         | 106                      | 8         | 4       | 4        | 5       | 1  | 52                                | -                     | 4                 |
| 17 | Bayamon-----                                    | 229          | -                              | -   | -             | -              | 2          | 42                       | -         | 4       | 1        | 2       | -  | 14                                | -                     | -                 |
| 18 | Balance of municipality-----                    | 684          | 5                              | 1   | -             | 2              | 8          | 64                       | 8         | -       | 3        | 3       | 1  | 38                                | -                     | 3                 |
| 19 | Cabo Rojo-----                                  | 293          | -                              | -   | -             | -              | 1          | 24                       | -         | -       | -        | -       | -  | 18                                | 2                     | 2                 |
| 20 | Caguas-----                                     | 705          | -                              | -   | -             | 3              | 2          | 125                      | -         | 12      | 2        | 7       | -  | 44                                | 1                     | 6                 |
| 21 | Caguas-----                                     | 425          | -                              | -   | -             | -              | 2          | 81                       | -         | 8       | 1        | 5       | -  | 26                                | -                     | 4                 |
| 22 | Balance of municipality-----                    | 280          | -                              | -   | -             | 3              | -          | 44                       | -         | 4       | 1        | 2       | -  | 18                                | 1                     | 2                 |
| 23 | Camuy-----                                      | 272          | -                              | -   | -             | 3              | -          | 25                       | -         | -       | 2        | 3       | -  | 9                                 | -                     | 1                 |
| 24 | Carolina-----                                   | 211          | -                              | -   | -             | -              | -          | 26                       | -         | 2       | -        | -       | -  | 3                                 | 1                     | 3                 |
| 25 | Cataño-----                                     | 136          | -                              | -   | -             | -              | -          | 29                       | 2         | 1       | -        | -       | -  | 3                                 | -                     | 1                 |
| 26 | Cayey-----                                      | 479          | -                              | -   | -             | 1              | 1          | 76                       | 7         | 13      | 3        | 12      | -  | 32                                | -                     | -                 |
| 27 | Cedra-----                                      | 63           | -                              | -   | -             | -              | 1          | 5                        | -         | -       | 2        | -       | -  | 4                                 | -                     | -                 |
| 28 | Ciales-----                                     | 163          | -                              | -   | -             | -              | 1          | 28                       | -         | -       | -        | 1       | -  | 6                                 | -                     | -                 |
| 29 | Cidra-----                                      | 151          | -                              | -   | -             | -              | 1          | 20                       | -         | -       | -        | -       | -  | 2                                 | -                     | 1                 |
| 30 | Coamo-----                                      | 238          | -                              | 1   | -             | -              | -          | 24                       | -         | 1       | -        | 2       | -  | 14                                | -                     | -                 |
| 31 | Comerio-----                                    | 158          | 1                              | -   | -             | 1              | -          | 32                       | -         | -       | 1        | -       | -  | 2                                 | -                     | -                 |
| 32 | Corozal-----                                    | 159          | -                              | -   | -             | 1              | -          | 24                       | -         | -       | -        | 3       | -  | 5                                 | -                     | -                 |
| 33 | Culebra-----                                    | 8            | -                              | -   | -             | -              | -          | 1                        | -         | -       | -        | -       | -  | -                                 | -                     | -                 |
| 34 | Dorado-----                                     | 69           | -                              | -   | -             | -              | -          | 12                       | 1         | 1       | 5        | -       | -  | 7                                 | -                     | -                 |
| 35 | Fajardo-----                                    | 558          | -                              | -   | -             | -              | 14         | 69                       | 1         | 11      | 4        | 3       | -  | 29                                | 2                     | -                 |
| 36 | Guanica-----                                    | 158          | -                              | -   | -             | -              | 1          | 16                       | -         | 3       | 2        | 1       | -  | 4                                 | -                     | -                 |
| 37 | Guayama-----                                    | 508          | -                              | -   | -             | 4              | 3          | 115                      | -         | 13      | 2        | 8       | -  | 18                                | 2                     | 2                 |
| 38 | Guayama-----                                    | 288          | -                              | -   | -             | -              | 3          | 34                       | -         | 11      | 1        | 6       | -  | 11                                | 2                     | 2                 |
| 39 | Balance of municipality-----                    | 220          | -                              | -   | -             | 4              | -          | 82                       | -         | 2       | 1        | 2       | -  | 7                                 | -                     | -                 |
| 40 | Guayanilla-----                                 | 172          | -                              | 1   | -             | 1              | -          | 14                       | -         | 3       | -        | 5       | -  | 8                                 | -                     | -                 |
| 41 | Guaynabo-----                                   | 155          | -                              | -   | -             | -              | -          | 28                       | -         | -       | 3        | 2       | -  | 10                                | 1                     | 3                 |
| 42 | Gurabo-----                                     | 132          | -                              | -   | -             | -              | -          | 24                       | -         | -       | 2        | 2       | -  | 1                                 | -                     | -                 |
| 43 | Hatillo-----                                    | 196          | -                              | -   | -             | 1              | 1          | 19                       | -         | 1       | 1        | 1       | -  | 7                                 | 2                     | -                 |
| 44 | Hormigueros-----                                | 71           | -                              | -   | -             | -              | -          | 7                        | -         | 1       | -        | -       | -  | 2                                 | -                     | -                 |
| 45 | Huamano-----                                    | 428          | -                              | 1   | -             | -              | -          | 80                       | -         | 6       | 1        | 1       | -  | 20                                | -                     | 1                 |
| 46 | Isabela-----                                    | 337          | -                              | -   | -             | 2              | 1          | 36                       | -         | -       | -        | 1       | -  | 12                                | -                     | -                 |
| 47 | Jayuya-----                                     | 167          | -                              | -   | -             | 3              | -          | 12                       | -         | -       | 3        | -       | -  | 6                                 | -                     | -                 |
| 48 | Juana Diaz-----                                 | 347          | -                              | 1   | -             | 3              | -          | 46                       | -         | 3       | 8        | 4       | -  | 13                                | -                     | 2                 |
| 49 | Juncos-----                                     | 334          | -                              | -   | -             | 6              | -          | 72                       | 1         | -       | 9        | 4       | -  | 10                                | -                     | 1                 |
| 50 | La Jua-----                                     | 135          | -                              | -   | -             | 4              | -          | 9                        | -         | 3       | 3        | -       | -  | 8                                 | -                     | 2                 |
| 51 | Lares-----                                      | 451          | -                              | -   | -             | 2              | 2          | 43                       | 3         | -       | 2        | 3       | -  | 9                                 | 1                     | 1                 |
| 52 | Las Marias-----                                 | 114          | -                              | -   | -             | -              | -          | -                        | -         | -       | -        | -       | -  | -                                 | -                     | -                 |
| 53 | Las Piedras-----                                | 192          | -                              | -   | -             | 3              | -          | 33                       | -         | -       | -        | 1       | -  | 5                                 | -                     | -                 |
| 54 | Loiza-----                                      | 266          | 1                              | -   | -             | -              | 1          | 33                       | -         | 8       | 3        | -       | -  | 9                                 | -                     | 1                 |
| 55 | Luquillo-----                                   | 97           | -                              | -   | -             | -              | -          | 9                        | -         | -       | -        | -       | -  | 1                                 | -                     | -                 |
| 56 | Manati-----                                     | 369          | -                              | -   | -             | 2              | 2          | 77                       | 3         | 4       | 5        | 2       | -  | 21                                | -                     | 2                 |
| 57 | Maricao-----                                    | 89           | -                              | -   | -             | 1              | -          | 3                        | -         | -       | -        | -       | -  | 2                                 | -                     | -                 |
| 58 | Mamabo-----                                     | 96           | -                              | -   | -             | -              | -          | 5                        | -         | -       | -        | -       | -  | 3                                 | -                     | -                 |
| 59 | Mayaguez-----                                   | 1,278        | -                              | -   | -             | 2              | 2          | 238                      | 6         | 23      | 4        | 4       | -  | 65                                | -                     | 5                 |
| 60 | Mayaguez-----                                   | 838          | -                              | -   | -             | 1              | 2          | 90                       | 6         | 16      | 3        | 3       | -  | 54                                | -                     | 8                 |
| 61 | Balance of municipality-----                    | 440          | -                              | -   | -             | 1              | -          | 148                      | -         | 7       | 1        | 1       | -  | 11                                | -                     | -                 |
| 62 | Moca-----                                       | 241          | -                              | -   | -             | -              | -          | 24                       | -         | -       | 1        | -       | -  | 8                                 | -                     | 1                 |
| 63 | Morovis-----                                    | 124          | -                              | -   | -             | -              | -          | 20                       | -         | -       | 2        | 2       | -  | 7                                 | 2                     | 1                 |
| 64 | Naguabo-----                                    | 199          | -                              | -   | -             | -              | -          | 21                       | -         | 4       | -        | 2       | -  | 5                                 | -                     | 2                 |
| 65 | Naranjito-----                                  | 73           | -                              | -   | -             | -              | -          | 6                        | -         | 1       | 1        | 1       | -  | 5                                 | -                     | -                 |
| 66 | Orocovis-----                                   | 184          | -                              | -   | -             | 1              | -          | 19                       | -         | -       | -        | 2       | -  | 6                                 | -                     | -                 |
| 67 | Patillas-----                                   | 310          | 1                              | -   | -             | -              | 2          | 26                       | -         | 6       | -        | 5       | -  | 10                                | -                     | 1                 |
| 68 | Penuelas-----                                   | 209          | -                              | -   | -             | 9              | -          | 9                        | 1         | -       | 1        | 6       | -  | 8                                 | -                     | -                 |
| 69 | Ponce-----                                      | 2,001        | 2                              | 1   | -             | 8              | 6          | 319                      | 10        | 15      | 11       | 20      | -  | 133                               | 1                     | 8                 |
| 70 | Ponce-----                                      | 1,502        | 2                              | 1   | -             | 6              | 4          | 266                      | 9         | 8       | 7        | 12      | -  | 108                               | 1                     | 8                 |
| 71 | Balance of municipality-----                    | 499          | -                              | -   | -             | 2              | 2          | 53                       | 1         | 7       | 4        | 6       | -  | 25                                | -                     | -                 |
| 72 | Quebradillas-----                               | 155          | -                              | -   | -             | 1              | -          | 18                       | 1         | -       | 1        | 2       | -  | 5                                 | -                     | -                 |
| 73 | Rincon-----                                     | 84           | -                              | -   | -             | 2              | -          | 7                        | -         | -       | 1        | 1       | -  | 5                                 | -                     | -                 |
| 74 | Rio Grande-----                                 | 130          | -                              | -   | -             | -              | -          | 24                       | -         | -       | -        | -       | -  | 5                                 | -                     | 1                 |
| 75 | Rio Piedras-----                                | 1,462        | 2                              | -   | -             | 3              | 1          | 475                      | 9         | 13      | 20       | 5       | -  | 55                                | 1                     | 4                 |
| 76 | Rio Piedras-----                                | 869          | -                              | -   | -             | 3              | -          | 138                      | 6         | 8       | 3        | -       | -  | 43                                | 1                     | 3                 |
| 77 | Balance of municipality-----                    | 595          | 2                              | -   | -             | -              | 1          | 337                      | 3         | 5       | 10       | 2       | -  | 12                                | -                     | 1                 |
| 78 | Sabana Grande-----                              | 168          | -                              | -   | -             | 2              | -          | 20                       | -         | 3       | 2        | 1       | -  | 9                                 | -                     | 1                 |
| 79 | Salinas-----                                    | 247          | 1                              | -   | -             | -              | 2          | 24                       | -         | 17      | -        | -       | -  | 10                                | -                     | 1                 |
| 80 | San German-----                                 | 291          | -                              | -   | -             | -              | 1          | 20                       | -         | 2       | 1        | 1       | -  | 12                                | -                     | 1                 |
| 81 | San Juan, coextensive with San Juan (city)----- | 2,435        | 3                              | 1   | -             | 4              | 5          | 395                      | 12        | 5       | 24       | 14      | -  | 205                               | 1                     | 20                |
| 82 | San Lorenzo-----                                | 302          | -                              | -   | -             | 10             | 2          | 48                       | -         | 1       | 3        | 6       | -  | 13                                | -                     | 1                 |
| 83 | San Sebastian-----                              | 454          | -                              | -   | -             | -              | -          | 50                       | -         | -       | 2        | 5       | -  | 15                                | -                     | -                 |
| 84 | Santa Isabel-----                               | 169          | -                              | -   | -             | -              | -          | 28                       | -         | 1       | -        | -       | -  | 6                                 | -                     | -                 |
| 85 | Toa Alta-----                                   | 89           | -                              | -   | -             | -              | -          | 11                       | -         | -       | 1        | -       | -  | 1                                 | -                     | -                 |
| 86 | Toa Baja-----                                   | 107          | -                              | -   | -             | -              | -          | 20                       | -         | 1       | 6        | -       | -  | 4                                 | -                     | -                 |
| 87 | Trujillo Alto-----                              | 77           | -                              | -   | -             | -              | 1          | 12                       | 1         | 1       | -        | 3       | -  | 4                                 | -                     | 1                 |
| 88 | Utledo-----                                     | 520          | -                              | -   | -             | -              | -          | 57                       | 5         | 1       | 1        | 1       | 1  | 19                                | 1                     | -                 |
| 89 | Vega Alta-----                                  | 175          | -                              | -   | -             | -              | -          | 23                       | -         | -       | 1        | 3       | -  | 12                                | 1                     | -                 |
| 90 | Vega Baja-----                                  | 287          | 1                              | 1   | -             | 1              | 1          | 29                       | 1         | 8       | 2        | 4       | -  | 15                                | -                     | 1                 |
| 91 | Vieques-----                                    | 94           | -                              | -   | -             | -              | 1          | 7                        | -         | 5       | 1        | 3       | -  | 6                                 | -                     | 2                 |
| 92 | Villalba-----                                   | 185          | -                              | -   | -             | 2              | -          | 7                        | -         | -       | 1        | 5       | -  | 5                                 | -                     | -                 |
| 93 | Yabucoa-----                                    | 345          | -                              | -   | -             | 1              | 1          | 50                       | 2         | -       | 1        | 2       | -  | 7                                 | -                     | -                 |
| 94 | Yauco-----                                      | 467          | 1                              | -   | -             | 2              | 2          | 40                       | -         | 13      | 4        | 8       | -  | 18                                | 1                     | 1                 |

EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1948  
 causes of death are International List numbers, 1938 revision)

| Pellagra (except, alcoholic) | Intra-cranial lesions of vascular origin | Diseases of the heart | Pneumonia (all forms) and influenza | Diarrhea, enteritis, and ulceration of intestines | Nephritis | Diseases of pregnancy, childbirth, and the puerperium | Congenital malformations | Premature birth | Other diseases peculiar to early infancy | Suicide  | Homicide | Motor-vehicle accidents | Other accidents | Senility, ill-defined and unknown causes | All other causes |    |
|------------------------------|--|-----------------------|-------------------------------------|---|-----------|---|--------------------------|-----------------|--|----------|----------|-------------------------|-----------------|--|------------------|----|
| 69                           | 85                                       | 90-95                 | 107-108, 95                         | 119, 120  | 130-132   | 140-150   | 157                      | 159             | 158, 160, 161                            | 163, 164 | 165-168  | 170                     | 169, 171-195    | 162, 199, 200                            |                  |    |
| 22                           | 730                                      | 2,275                 | 2,781                               | 3,922   | 926       | 255   | 511                      | 661             | 1,225                                    | 458      | 306      | 232                     | 416             | 2,227                                    | 3,270            | 1  |
| 6                            | 6  | 27                    | 42                                  | 2   | 1         | 7   | 2                        | 20              | 6  | 4        | -        | 9                       | 24              | 39                                       | 2                |    |
| 4                            | 2  | 32                    | 68                                  | 7   | 18        | 14  | 5                        | 16              | -  | 1        | 1        | 5                       | 38              | 28                                       | 3                |    |
| 15                           | 56                                       | 60                    | 129                                 | 18  | 12        | 15  | 3                        | 35              | 10                                       | 10       | 10       | 20                      | 61              | 126                                      | 4                |    |
| 9                            | 33                                       | 32                    | 49                                  | 12  | 15        | 13  | 5                        | 24              | 4  | 9        | 8        | 14                      | 37              | 107                                      | 5                |    |
| 7                            | 23                                       | 28                    | 80                                  | 13  | 1         | 1   | 2                        | 5               | 6  | 2        | 2        | 6                       | 24              | 19                                       | 6                |    |
| 8                            | 11                                       | 32                    | 50                                  | 27  | 13        | -   | 2                        | 2               | 7  | 2        | 2        | 2                       | 11              | 33                                       | 7                |    |
| 1                            | 18                                       | 18                    | 38                                  | 5   | 5         | 2   | 2                        | 2               | 7  | 2        | 2        | 2                       | 15              | 20                                       | 6                |    |
| 1                            | 10                                       | 50                    | 37                                  | 1   | 1         | 2   | 1                        | 4               | 2  | 2        | 2        | 2                       | 40              | 39                                       | 9                |    |
| 30                           | 166                                      | 136                   | 260                                 | 26  | 24        | 11  | 44                       | 58              | 38                                       | 27       | 27       | 19                      | 44              | 221                                      | 10               |    |
| 11                           | 80                                       | 72                    | 134                                 | 9   | 22        | 6   | 35                       | 26              | 24                                       | 19       | 17       | 18                      | 25              | 155                                      | 11               |    |
| 15                           | 86                                       | 64                    | 126                                 | 17  | 2         | 5   | 9                        | 32              | 14                                       | 8        | 8        | 1                       | 19              | 86                                       | 12               |    |
| 7                            | 15                                       | 10                    | 84                                  | 8   | 2         | 4   | -                        | 18              | 2  | 2        | 3        | 5                       | 13              | 24                                       | 13               |    |
| 8                            | 11                                       | 22                    | 24                                  | 10  | 4         | -   | -                        | 13              | 5  | 2        | 2        | 1                       | 23              | 18                                       | 14               |    |
| 2                            | 9  | 23                    | 25                                  | 16  | 15        | 5   | 5                        | 5               | 5  | 1        | 1        | 2                       | 16              | 8  | 15               |    |
| 2                            | 23                                       | 17                    | 41                                  | 17  | 12        | 17  | 25                       | 56              | 21                                       | 20       | 39       | 16                      | 44              | 127                                      | 16               |    |
| 15                           | 14                                       | 42                    | 13                                  | 13  | 1         | 1   | 3                        | 18              | 3  | -        | 1        | 1                       | 18              | 24                                       | 17               |    |
| 6                            | 55                                       | 106                   | 34                                  | 28  | 17        | 11  | 22                       | 38              | 18                                       | 20       | 39       | 15                      | 26              | 103                                      | 18               |    |
| 1                            | 28                                       | 22                    | 23                                  | 20  | 5         | 5   | 3                        | 9               | 5  | 5        | 4        | 4                       | 97              | 24                                       | 19               |    |
| 1                            | 17                                       | 29                    | 31                                  | 31  | 3         | 3   | 8                        | 34              | 17                                       | 1        | 6        | 10                      | 76              | 94                                       | 20               |    |
| 1                            | 11                                       | 16                    | 59                                  | 15  | 5         | 3   | 5                        | 22              | 15                                       | 4        | 4        | 5                       | 37              | 56                                       | 21               |    |
| 1                            | 6  | 37                    | 38                                  | 16  | 15        | -   | 3                        | 12              | 2  | 2        | 2        | 5                       | 39              | 38                                       | 22               |    |
| 2                            | 34                                       | 37                    | 58                                  | 7   | 8         | 1   | 3                        | 15              | 2  | 2        | 2        | 2                       | 25              | 36                                       | 23               |    |
| 5                            | 11                                       | 37                    | 46                                  | 24  | 1         | 1   | 4                        | 14              | 2  | 1        | 1        | 4                       | 44              | 24                                       | 24               |    |
| 21                           | 4  | 15                    | 70                                  | 17  | 1         | 8   | 10                       | 4               | 1  | 3        | 1        | 1                       | 8               | 21                                       | 25               |    |
| 4                            | 11                                       | 4                     | 11                                  | 3   | 3         | -   | -                        | 10              | 12                                       | 1        | 1        | 1                       | 5               | 35                                       | 26               |    |
| 13                           | 7  | 18                    | 17                                  | 11  | 11        | 2   | -                        | 1               | 7  | 1        | 1        | 1                       | 13              | 17                                       | 28               |    |
| 8                            | 10                                       | 20                    | 22                                  | 6   | 6         | 2   | 1                        | 6               | 4  | 1        | 1        | 3                       | 21              | 26                                       | 29               |    |
| 5                            | 19                                       | 20                    | 36                                  | 8   | 8         | 2   | 3                        | 21              | 4  | 1        | 1        | 5                       | 30              | 34                                       | 30               |    |
| 3                            | 18                                       | 13                    | 51                                  | 4   | 4         | 1   | 1                        | 11              | 1  | 2        | 1        | 3                       | 14              | 31                                       | 31               |    |
| 2                            | 7  | 24                    | 17                                  | 12  | 3         | 5   | 5                        | 4               | 11                                       | 1        | 1        | 4                       | 18              | 15                                       | 32               |    |
| 4                            | 6  | 2                     | 3                                   | 3   | 3         | -   | -                        | -               | -  | -        | -        | 3                       | 6               | 1  | 33               |    |
| 4                            | 48                                       | 54                    | 49                                  | 21  | 21        | 21  | 13                       | 31              | 1  | 1        | 2        | 11                      | 10              | 34                                       | 34               |    |
| 7                            | 17                                       | 11                    | 20                                  | 3   | 3         | -   | -                        | 21              | 9  | 17       | 9        | 9                       | 27              | 18                                       | 35               |    |
| 8                            | 36                                       | 123                   | 67                                  | 14  | 14        | 3   | 3                        | 16              | 8  | 4        | 4        | 2                       | 43              | 34                                       | 37               |    |
| 2                            | 4  | 6                     | 30                                  | 11  | 11        | 3   | 6                        | 14              | 4  | 4        | 4        | 2                       | 19              | 26                                       | 38               |    |
| 4                            | 28                                       | 36                    | 56                                  | 3   | 3         | 2   | 2                        | 5               | 4  | 2        | 2        | -                       | 24              | 8  | 39               |    |
| 4                            | 10                                       | 9                     | 27                                  | 6   | 6         | 1   | 1                        | 4               | 2  | 2        | 2        | -                       | 8               | 28                                       | 40               |    |
| 2                            | 9  | 18                    | 29                                  | 5   | 5         | 4   | 4                        | 8               | 2  | 2        | 1        | 3                       | 17              | 22                                       | 41               |    |
| 1                            | 43                                       | 32                    | 41                                  | 5   | 5         | 2   | 2                        | 5               | 3  | 3        | 3        | -                       | 13              | 43                                       | 41               |    |
| 1                            | 6  | 7                     | 26                                  | 36  | 36        | 2   | 2                        | 10              | 10                                       | 1        | 1        | -                       | 8               | 8  | 44               |    |
| 10                           | 28                                       | 88                    | 80                                  | 10  | 10        | 7   | 7                        | 28              | 16                                       | 16       | 5        | 4                       | 32              | 38                                       | 45               |    |
| 1                            | 44                                       | 27                    | 21                                  | 10  | 10        | 1   | 1                        | 27              | 7  | 3        | 2        | 5                       | 8               | 56                                       | 46               |    |
| 10                           | 18                                       | 14                    | 21                                  | 10  | 10        | 1   | 3                        | 10              | 6  | 3        | 2        | 1                       | 19              | 30                                       | 47               |    |
| 1                            | 24                                       | 28                    | 40                                  | 21  | 14        | 2   | 2                        | 36              | 7  | 5        | 2        | 5                       | 27              | 51                                       | 48               |    |
| 6                            | 19                                       | 37                    | 35                                  | 14  | 4         | 13  | 8                        | 18              | 3  | 3        | 3        | 1                       | 32              | 35                                       | 49               |    |
| 16                           | 30                                       | 16                    | 15                                  | 4   | 4         | 4   | 3                        | 11              | 2  | 2        | 2        | 2                       | 3               | 17                                       | 50               |    |
| 2                            | 2  | 55                    | 54                                  | 28  | 28        | 9   | 9                        | 24              | 8  | 5        | 2        | 3                       | 19              | 120                                      | 51               |    |
| 3                            | 2  | -                     | -                                   | -   | -         | -   | -                        | -               | -  | -        | -        | -                       | 109             | -  | -                |    |
| 2                            | 64                                       | 64                    | 64                                  | 5   | 5         | 1   | 1                        | 19              | 1  | 1        | 1        | 1                       | 27              | 16                                       | 53               |    |
| 3                            | 23                                       | 22                    | 81                                  | 3   | 3         | 2   | 4                        | 10              | 9  | 1        | 1        | 2                       | 7               | 29                                       | 54               |    |
| 1                            | 14                                       | 43                    | 34                                  | 6   | 6         | 2   | 2                        | 15              | 2  | 1        | 2        | 2                       | 62              | 6  | 55               |    |
| 3                            | 7  | 37                    | 38                                  | 10  | 10        | 1   | 1                        | 10              | 18                                       | 10       | 7        | 4                       | 10              | 34                                       | 56               |    |
| 3                            | 4  | 4                     | 10                                  | 4   | 4         | -   | -                        | 1               | 1  | 1        | 1        | 2                       | 30              | 6  | 57               |    |
| 46                           | 136                                      | 154                   | 142                                 | 42  | 42        | -   | -                        | 4               | 3  | -        | -        | 2                       | 54              | 7  | 58               |    |
| 39                           | 115                                      | 99                    | 90                                  | 16  | 16        | 18  | 12                       | 21              | 65                                       | 21       | 14       | 19                      | 87              | 146                                      | 59               |    |
| 1                            | 18                                       | 61                    | 52                                  | 26  | 26        | 17  | 9                        | 16              | 47                                       | 14       | 8        | 11                      | 44              | 118                                      | 60               |    |
| 1                            | 18                                       | 11                    | 29                                  | 16  | 16        | 1   | 3                        | 16              | 7  | 3        | 3        | 8                       | 43              | 30                                       | 61               |    |
| 4                            | 22                                       | 19                    | 29                                  | 2   | 2         | 2   | 2                        | 9               | 6  | 4        | 4        | 4                       | 91              | 21                                       | 62               |    |
| 4                            | 6  | 25                    | 9                                   | 1   | 1         | 1   | 1                        | 2               | 2  | 2        | 3        | 1                       | 4               | 22                                       | 63               |    |
| 3                            | 9  | 10                    | 4                                   | 1   | 1         | 1   | 1                        | 4               | 1  | 1        | 1        | -                       | 6               | 15                                       | 65               |    |
| 3                            | 19                                       | 14                    | 10                                  | 10  | 10        | 2   | 2                        | 1               | 2  | 1        | 1        | 1                       | 42              | 15                                       | 66               |    |
| 8                            | 31                                       | 63                    | 53                                  | 13  | 13        | 5   | 5                        | 20              | 3  | 4        | 4        | 5                       | 60              | 40                                       | 67               |    |
| 22                           | 22                                       | 22                    | 50                                  | 4   | 4         | -   | -                        | 7               | 4  | 4        | 2        | 2                       | 12              | 36                                       | 68               |    |
| 48                           | 237                                      | 258                   | 309                                 | 50  | 50        | 28  | 19                       | 50              | 37                                       | 24       | 20       | 36                      | 29              | 276                                      | 69               |    |
| 41                           | 161                                      | 168                   | 186                                 | 40  | 40        | 26  | 15                       | 38              | 32                                       | 22       | 17       | 30                      | 22              | 219                                      | 70               |    |
| 2                            | 56                                       | 90                    | 123                                 | 10  | 10        | 2   | 4                        | 12              | 13                                       | 5        | 3        | 6                       | 7               | 57                                       | 71               |    |
| 2                            | 14                                       | 11                    | 31                                  | 20  | 20        | 2   | 2                        | 2               | 18                                       | 2        | 2        | 2                       | 4               | 14                                       | 72               |    |
| 9                            | 2  | 6                     | 6                                   | 6   | 6         | 2   | 1                        | 1               | 2  | 1        | 1        | 1                       | 1               | 33                                       | 12               | 73 |
| 2                            | 2  | 19                    | 19                                  | 6   | 6         | 2   | 5                        | 2               | 2  | 2        | 2        | 5                       | 12              | 11                                       | 74               |    |
| 44                           | 111                                      | 87                    | 156                                 | 53  | 53        | 2   | 6                        | 49              | 31                                       | 17       | 17       | 23                      | 55              | 162                                      | 75               |    |
| 54                           | 80                                       | 72                    | 107                                 | 35  | 35        | 3   | 5                        | 47              | 28                                       | 16       | 12       | 17                      | 39              | 113                                      | 76               |    |
| 10                           | 31                                       | 15                    | 49                                  | 17  | 17        | 1   | 1                        | 13              | 3  | 1        | 5        | 6                       | 16              | 49                                       | 77               |    |
| 4                            | 13                                       | 52                    | 15                                  | 3   | 3         | 2   | 2                        | 4               | 3  | 2        | -        | -                       | 8               | 20                                       | 78               |    |
| 7                            | 17                                       | 16                    | 84                                  | 28  | 28        | 6   | 7                        | 15              | 2  | 4        | 1        | 4                       | 6               | 30                                       | 79               |    |
| 8                            | 45                                       | 45                    | 67                                  | 7   | 7         | 2   | 2                        | 11              | 11                                       | 5        | -        | -                       | 3               | 35                                       | 80               |    |
| 3                            | 91                                       | 286                   | 185                                 | 237   | 91        | 17  | 33                       | 156             | 101                                      | 40       | 37       | 20                      | 69              | 73                                       | 307              | 81 |
| 5                            | 20                                       | 65                    | 35                                  | 2   | 2         | 1   | 1                        | 8               | 12                                       | 8        | 2        | 3                       | 7               | 51                                       | 82               |    |
| 7                            | 43                                       | 58                    | 66                                  | 14  | 14        | 4   | 3                        | 12              | 28                                       | 3        | 6        | 1                       | 87              | 47                                       | 83               |    |
| 7                            | 18                                       | 23                    | 46                                  | 13  | 13        | 2   | 2                        | 2               | 2  | 3        | -        | -                       | 5               | 9  | 84               |    |
| 10                           | 10                                       | -                     | 3                                   | -   | -         | 4   | 4                        | 1               | 1  | 1        | 1        | 2                       | 42              | 5  | 85               |    |
| 3                            | 8  | 9                     | 27                                  | 6   | 6         | 1   | -                        | 8               | 8  | -        | -        | 1                       | 4               | 6  | 86               |    |
| 1                            | 4  | 13                    | 7                                   | 4   | 4         | 2   | 2                        | 10              | 1  | 1        | -        | -                       | 11              | 87                                       | 87               |    |
| 4                            | 33                                       | 53                    | 39                                  | 13  | 13        | 2   | 3                        | 23              | 7  | 5        | 2        | 8                       | 182             | 57                                       | 88               |    |
| 4                            | 21                                       | 15                    | 32                                  | 6   | 6         | 4   | 4                        | 10              | 5  | 1        | 2        | 2                       | 7               | 22                                       | 89               |    |
| 7                            | 37                                       | 45                    | 46                                  | 10  | 10        | 2   | 11                       | 13              | 6  | 2        | 9        | 6                       | 3               | 22                                       | 90               |    |
| 12                           | 6  | 15                    | 4                                   | 2   | 2         | -   | -                        | 4               | 4  | 4        | 2        | 2                       | 3               | 14                                       | 91               |    |
| 17                           | 12                                       | 35                    | 49                                  | 10  | 10        | 1   | 1                        | 13              | -  | -        | -        | 2                       | 5               | 20                                       | 92               |    |
| 10                           | 14                                       | 102                   | 29                                  | 19  | 19        | 4   | 8                        | 9               | 9  | 5        | 2        | 2                       | 7               | 31                                       | 30               | 93 |
| 18                           | 22                                       | 63                    | 117                                 | 21  | 21        | 13  | -                        | 35              | 4  | 2        | 2        | -                       | 5               | 67                                       | 94               |    |

VITAL STATISTICS OF THE UNITED STATES

TABLE 16 -DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: PUERTO RICO, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1958 revision)

| CAUSE OF DEATH   | Total deaths under 1 year | Under 1 year |        |          |           |            |            |       | Under 1 month | By month |       |       |       |       |       |       |       |        |        |     |   |
|--|---------------------------|--------------|--------|----------|-----------|------------|------------|-------|---------------|----------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-----|---|
|  |                           | 1 day        | 2 days | 3-6 days | 7-13 days | 14-20 days | 21-29 days | 1 mo. |               | 2 mo.    | 3 mo. | 4 mo. | 5 mo. | 6 mo. | 7 mo. | 8 mo. | 9 mo. | 10 mo. | 11 mo. |     |   |
| ALL CAUSES-----  | 6,876                     | 672          | 237    | 206      | 466       | 369        | 285        | 253   | 2,488         | 655      | 621   | 533   | 439   | 368   | 350   | 330   | 332   | 281    | 244    | 235 |   |
| Cerebrospinal (meningococcus) meningitis-----6                 | 1                         | -            | -      | -        | -         | -          | -          | -     | -             | -        | -     | -     | -     | -     | -     | -     | -     | -      | -      | -   | 1 |
| Scarlet fever-----8  | 1                         | -            | -      | -        | -         | -          | -          | -     | -             | -        | -     | -     | -     | -     | -     | -     | -     | -      | -      | -   | - |
| Whooping cough-----9   | 66                        | -            | -      | -        | -         | -          | 1          | 3     | 4             | 9        | 8     | 5     | 8     | 4     | 8     | 5     | 7     | 2      | 3      | 3   |   |
| Diphtheria (infection by C. diphtheriae)-----10                | 19                        | -            | -      | -        | -         | -          | -          | -     | -             | 2        | 1     | 1     | 1     | 1     | 1     | 3     | 1     | 2      | 3      | 2   |   |
| Tuberculosis (all forms)-----13-22                             | 86                        | -            | -      | -        | 1         | -          | -          | -     | 1             | -        | 3     | 10    | 9     | 9     | 6     | 6     | 12    | 7      | 14     | 9   |   |
| Tuberculosis of the respiratory system, etc.*-----13           | 37                        | -            | -      | -        | -         | -          | -          | -     | -             | -        | 1     | 5     | 6     | 4     | 1     | 3     | 3     | 3      | 6      | 5   |   |
| Tuberculosis of the meninges, etc.*-----14                     | 37                        | -            | -      | -        | 1         | -          | -          | -     | 1             | -        | 2     | 2     | 1     | 4     | 5     | 3     | 6     | 3      | 7      | 5   |   |
| Tuberculosis (other forms)-----15-22                           | 12                        | -            | -      | -        | -         | -          | -          | -     | -             | -        | -     | 3     | 2     | 1     | 1     | -     | 3     | 1      | 1      | 1   |   |
| Dysentery-----27   | 43                        | -            | -      | -        | 2         | 1          | 1          | -     | 4             | 5        | 6     | 7     | 6     | 4     | 2     | 1     | -     | -      | -      | -   |   |
| Malaria-----28   | 52                        | -            | -      | -        | 1         | -          | -          | 1     | 2             | 4        | 4     | 5     | 6     | 7     | 7     | 6     | 1     | 5      | 5      | 3   |   |
| Syphilis-----30  | 35                        | 2            | 3      | -        | 5         | 3          | 2          | 3     | 18            | 6        | 3     | 4     | 2     | 1     | 1     | 3     | 3     | 7      | -      | -   |   |
| Measles-----35   | 46                        | -            | -      | -        | 1         | -          | 1          | 2     | 4             | 1        | 5     | 1     | 2     | 3     | 3     | -     | -     | -      | -      | -   |   |
| Diseases of the thymus gland-----64                            | 2                         | -            | -      | -        | 2         | -          | -          | -     | 2             | -        | -     | -     | -     | -     | -     | -     | -     | -      | -      | -   |   |
| Meningitis (not due to meningococcus)-----81                   | 77                        | -            | -      | 1        | 1         | 2          | 2          | 2     | 8             | 7        | 5     | 6     | 6     | 4     | 5     | 9     | 9     | 7      | 4      | 7   |   |
| Intracranial lesions of vascular origin-----85                 | 4                         | -            | -      | -        | -         | -          | -          | -     | -             | -        | -     | 1     | -     | -     | -     | 1     | 1     | -      | -      | -   |   |
| Convulsions-----96   | 22                        | -            | -      | 2        | 2         | 4          | 1          | 2     | 11            | -        | 3     | -     | 2     | 1     | 3     | -     | -     | 1      | 1      | -   |   |
| Diseases of the ear and mastoid process-----89                 | 2                         | -            | -      | -        | -         | -          | -          | -     | -             | -        | 1     | -     | -     | -     | -     | -     | -     | -      | 1      | -   |   |
| Diseases of the heart-----90-95                                | 6                         | -            | -      | -        | 2         | -          | -          | -     | 2             | -        | -     | 1     | 1     | -     | -     | -     | -     | -      | 1      | 1   |   |
| Pneumonia (all forms) and influenza-----107-109,33             | 1,153                     | 8            | 9      | 13       | 50        | 39         | 51         | 33    | 203           | 124      | 122   | 99    | 90    | 88    | 88    | 80    | 87    | 68     | 55     | 49  |   |
| Bronchopneumonia, etc.*-----107                                | 752                       | 6            | 5      | 12       | 26        | 31         | 38         | 22    | 140           | 83       | 90    | 56    | 55    | 42    | 60    | 48    | 60    | 52     | 40     | 26  |   |
| Lobar pneumonia-----108  | 76                        | -            | -      | -        | 2         | 1          | 4          | 3     | 10            | 4        | 8     | 6     | 9     | 12    | 8     | 5     | 4     | 3      | 2      | 3   |   |
| Pneumonia (unspecified)-----109                                | 266                       | 2            | 4      | 1        | 21        | 7          | 8          | 8     | 51            | 27       | 21    | 26    | 21    | 28    | 10    | 23    | 19    | 12     | 9      | 19  |   |
| Influenza-----33   | 59                        | -            | -      | -        | 1         | -          | 1          | -     | 2             | 10       | 3     | 9     | 5     | 6     | 10    | 4     | 4     | 1      | 4      | 1   |   |
| Other diseases of respiratory system-----104-106,110-114       | 157                       | 3            | 1      | 6        | 4         | 8          | 8          | 5     | 35            | 13       | 13    | 16    | 13    | 10    | 7     | 9     | 18    | 0      | 6      | 7   |   |
| Ulcer of stomach or duodenum-----117                           | 1                         | -            | -      | -        | 1         | -          | -          | -     | 1             | -        | -     | -     | -     | -     | -     | -     | -     | -      | -      | -   |   |
| Diarrhea, enteritis, etc.*-----119                             | 2,136                     | 5            | 3      | 4        | 11        | 49         | 51         | 71    | 194           | 240      | 290   | 272   | 208   | 159   | 161   | 153   | 130   | 126    | 94     | 109 |   |
| Intestinal obstruction-----122b                                | 8                         | -            | -      | -        | -         | -          | -          | -     | -             | 1        | -     | 3     | 1     | 2     | -     | 1     | -     | -      | -      | -   |   |
| Other diseases of digestive system-----115,116,118,121,123-129 | 43                        | -            | 2      | -        | 2         | 3          | 3          | 2     | 12            | 9        | 8     | 3     | 1     | 2     | 1     | 4     | -     | 1      | 1      | 1   |   |
| Nephritis-----130,131  | 30                        | 1            | -      | 1        | 2         | -          | 1          | 2     | 7             | 4        | 1     | -     | 3     | 2     | 2     | 2     | 5     | 1      | 3      | 2   |   |
| Congenital malformations-----157                               | 261                       | 35           | 14     | 17       | 35        | 24         | 14         | 21    | 160           | 25       | 16    | 10    | 13    | 9     | 6     | 4     | 6     | 3      | 4      | 3   |   |
| Diseases peculiar to first year of life-----158-161            | 1,906                     | 564          | 183    | 134      | 295       | 194        | 121        | 73    | 1,564         | 132      | 60    | 34    | 23    | 25    | 19    | 14    | 9     | 9      | 13     | 4   |   |
| Congenital debility-----158                                    | 789                       | 147          | 53     | 39       | 117       | 75         | 49         | 46    | 546           | 81       | 40    | 28    | 17    | 19    | 16    | 10    | 7     | 9      | 13     | 3   |   |
| Premature birth-----159  | 681                       | 257          | 76     | 51       | 110       | 85         | 34         | 18    | 651           | 32       | 9     | 3     | 1     | 3     | 2     | -     | -     | -      | -      | -   |   |
| Injury at birth-----160  | 154                       | 68           | 26     | 18       | 20        | 9          | 3          | 1     | 145           | 4        | 3     | -     | 1     | 1     | -     | -     | -     | -      | -      | -   |   |
| Other diseases peculiar to first year of life-----161          | 282                       | 92           | 28     | 26       | 48        | 26         | 15         | 8     | 242           | 15       | 6     | 3     | 4     | 2     | 1     | 4     | 2     | -      | -      | 1   |   |
| Asphyxia (cause not specified), atelectasis-----161a           | 149                       | 80           | 20     | 16       | 14        | 4          | 3          | 2     | 139           | 5        | 1     | -     | -     | 1     | 1     | 1     | 1     | -      | -      | -   |   |
| Infection of the umbilicus, etc.*-----161b,c                   | 134                       | 12           | 8      | 10       | 34        | 21         | 12         | 6     | 103           | 10       | 7     | 3     | 4     | 1     | 1     | 3     | 1     | -      | -      | 1   |   |
| Homicide-----165-168   | 3                         | 1            | -      | -        | -         | -          | -          | -     | 1             | -        | 1     | -     | -     | -     | -     | -     | 1     | -      | -      | -   |   |
| Accidental deaths-----169-195                                  | 29                        | 5            | -      | -        | 1         | 2          | 1          | 1     | 10            | 2        | 1     | -     | 1     | 2     | 1     | 3     | 3     | 2      | 2      | 2   |   |
| Accidental mechanical suffocation-----182                      | 1                         | -            | -      | -        | -         | -          | -          | -     | -             | -        | -     | -     | -     | 1     | -     | -     | -     | -      | -      | -   |   |
| Other accidental deaths-----169-181,183-195                    | 28                        | 5            | -      | -        | 1         | 2          | 1          | 1     | 10            | 2        | 1     | -     | 1     | 1     | 1     | 3     | 3     | 2      | 2      | 2   |   |
| Ill-defined and unknown causes-----199,200                     | 465                       | 45           | 21     | 21       | 36        | 24         | 22         | 25    | 194           | 46       | 50    | 37    | 22    | 23    | 16    | 14    | 20    | 18     | 17     | 8   |   |
| All other causes-----  | 223                       | 3            | 1      | 7        | 12        | 16         | 5          | 7     | 51            | 25       | 21    | 16    | 21    | 13    | 13    | 16    | 17    | 7      | 10     | 13  |   |

\*Refer to International List for complete title, table IX.

TABLE 17.-INFANT MORTALITY RATES FOR SELECTED CAUSES: PUERTO RICO, 1943-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1958 revision)

| CAUSE OF DEATH                                       | 1943-48 |      |      |      |      |      | 1943-48  |      |      |      |      |      |      |
|--|---------|------|------|------|------|------|--|------|------|------|------|------|------|
|  | 1946    | 1947 | 1946 | 1945 | 1944 | 1943 | 1948   | 1947 | 1946 | 1945 | 1944 | 1943 |      |
| ALL CAUSES-----                                      | 78.3    | 71.5 | 83.7 | 93.0 | 99.3 | 96.4 |  |      |      |      |      |      |      |
| Cerebrospinal (meningococcus) meningitis-----6       | 0.0     | 0.1  | 0.0  | 0.0  | 0.0  | 0.0  | Other diseases of respiratory system-----104-106,110-114       | 1.8  | 1.8  | 2.6  | 2.7  | 3.2  | 3.5  |
| Scarlet fever-----8                                  | 0       | 0    | 0    | 0    | 0    | 0    | Ulcer of stomach or duodenum-----117                           | 0.0  | 0    | 0    | 0    | 0    | 0    |
| Whooping cough-----9                                 | 0.8     | 0.9  | 0.7  | 1.9  | 1.6  | 1.4  | Diarrhea, enteritis, etc.*-----119                             | 24.3 | 21.7 | 28.5 | 36.3 | 40.6 | 37.5 |
| Diphtheria (infection by C. diphtheriae)-----10      | 0.2     | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | Intestinal obstruction-----122b                                | 0.1  | 0.3  | 0.2  | 0.1  | 0.1  | 0.2  |
| Tuberculosis (all forms)-----13-22                   | 1.0     | 0.8  | 0.8  | 0.6  | 0.7  | 0.6  | Other diseases of digestive system-----115,116,118,121,123-129 | 0.5  | 0.7  | 0.8  | 1.0  | ---  | ---  |
| Tuberculosis of the respiratory system, etc.*-----13 | 0.4     | 0.4  | 0.3  | 0.3  | 0.4  | 0.3  | Nephritis-----130,131  | 0.3  | 0.4  | 0.3  | 0.4  | 0.4  | 0.6  |
| Tuberculosis of the meninges, etc.*-----14           | 0.4     | 0.3  | 0.4  | 0.2  | 0.2  | 0.3  | Congenital malformations-----157                               | 3.0  | 2.7  | 2.5  | 2.4  | 1.9  | 2.1  |
| Tuberculosis (other forms)-----15-22                 | 0.1     | 0.1  | 0.1  | 0.1  | 0.1  | 0.1  | Diseases peculiar to first year of life-----158-161            | 21.7 | 21.1 | 21.9 | 21.1 | 22.8 | 23.9 |
| Dysentery-----27                                     | 0.5     | 0.3  | 0.4  | 0.6  | 0.5  | 0.6  | Congenital debility-----158                                    | 9.0  | 8.8  | 10.7 | 12.2 | 13.9 | 14.4 |
| Malaria-----28                                       | 0.6     | 1.1  | 1.6  | 2.0  | 2.8  | 3.3  | Premature birth-----159  | 7.8  | 7.4  | 6.6  | 4.8  | 4.5  | 4.6  |
| Syphilis-----30                                      | 0.4     | 0.5  | 0.8  | 1.0  | 1.3  | 1.2  | Injury at birth-----160  | 1.8  | 2.0  | 1.7  | 1.1  | 1.6  | 1.5  |
| Measles-----35                                       | 0.5     | 0.1  | 0.1  | 0.4  | 0.1  | 0    | Other diseases peculiar to the first year of life-----161      | 3.2  | 2.9  | 2.9  | 3.0  | 2.9  | 3.3  |
| Diseases of the thymus gland-----64                  | 0.0     | 0.1  | 0.1  | 0.0  | 0.0  | 0.1  | Asphyxia (cause not specified), atelectasis-----161a           | 1.7  | 1.2  | 1.5  | 1.6  | ---  | ---  |
| Meningitis (not due to meningococcus)-----81         | 0.9     | 0.8  | 0.6  | 0.9  | 0.8  | 0.8  | Infection of the umbilicus, etc.*-----161b,c                   | 1.5  | 1.6  | 1.4  | 1.4  | ---  | ---  |
| Intracranial lesions of vascular origin-----83       | 0.0     | 0.0  | 0.1  | 0.1  | 0.0  | 0.0  | Homicide-----165-168   | 0.0  | 0.0  | 0.1  | 0.0  | 0.0  | 0.0  |
| Convulsions-----96                                   | 0.3     | 0.2  | 0.2  | 0.2  | 0.2  | 0.2  | Accidental deaths-----169-195                                  | 0.3  | 0.4  | 0.3  | 0.4  | 0.2  | 0.3  |
| Diseases of the ear and mastoid process-----89       | 0.0     | 0.1  | 0.0  | 0.0  | 0.1  | 0.1  | Accidental mechanical suffocation-----182                      | 0.0  | 0.0  | 0.0  | 0.0  | 0    | 0.0  |
| Diseases of the heart-----90-95                      | 0.1     | 0.1  | 0.0  | 0.1  | 0.0  | 0.0  | Other accidental deaths-----169-181,183-195                    | 0.3  | 0.4  | 0.3  | 0.4  | 0.2  | 0.3  |
| Pneumonia (all forms) and influenza-----107-109,33   | 13.1    | 10.0 | 12.0 | 10.7 | 12.6 | 12.9 | Ill-defined and unknown causes-----199,200                     | 5.3  | 5.3  | 6.2  | 7.0  | 6.5  | 4.4  |
| Bronchopneumonia, etc.*-----107                      | 8.6     | 6.4  | 7.6  | 7.2  | 8.5  | 8.7  | All other causes-----  | 2.5  | 1.9  | 2.5  | 2.6  | 2.7  | 2.7  |
| Lobar pneumonia-----108                              | 0.9     | 0.8  | 1.0  | 0.9  | 1.3  | 1.2  |  |      |      |      |      |      |      |
| Pneumonia (unspecified)-----109                      | 3.0     | 2.4  | 2.7  | 2.0  | 1.6  | 1.8  |  |      |      |      |      |      |      |
| Influenza-----33                                     | 0.7     | 0.5  | 0.8  | 0.7  | 1.2  | 1.2  |  |      |      |      |      |      |      |

\*Refer to International List for complete title, table IX.

## VIRGIN ISLANDS

**TABLE 1.-LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948**

(By place of occurrence. Deaths exclusive of stillbirths)

| AREA<br>(SEX FOR VIRGIN ISLANDS ONLY) | Live births | Deaths (all ages) | Deaths under 1 year | Stillbirths <sup>1</sup> |
|---------------------------------------|-------------|-------------------|---------------------|--------------------------|
| VIRGIN ISLANDS-----                   | 826         | 340               | 73                  | 24                       |
| Male-----                             | 405         | 175               | 44                  | 7                        |
| Female----                            | 421         | 165               | 29                  | 17                       |
| St. Croix-----                        | 318         | 179               | 21                  | 10                       |
| St. John-----                         | 11          | 3                 | -                   | -                        |
| St. Thomas-----                       | 497         | 158               | 52                  | 14                       |

<sup>1</sup>Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

**TABLE 2.-LIVE BIRTHS BY RACE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948**

(By place of occurrence)

| AREA                | All races | White | Negro | Mixed <sup>1</sup> and other |
|---------------------|-----------|-------|-------|------------------------------|
| VIRGIN ISLANDS----- | 826       | 40    | 661   | 125                          |
| St. Croix-----      | 318       | 3     | 233   | 82                           |
| St. John-----       | 11        | -     | 11    | -                            |
| St. Thomas-----     | 497       | 37    | 417   | 43                           |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

**TABLE 3.-LIVE BIRTHS BY SEX AND MONTH: VIRGIN ISLANDS, 1948**

| SEX         | Total births | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|--------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| TOTAL-----  | 826          | 66      | 60       | 65    | 46    | 69  | 59   | 55   | 58     | 89        | 89      | 75       | 77       |
| Male-----   | 405          | 32      | 35       | 28    | 25    | 38  | 28   | 23   | 36     | 43        | 38      | 46       | 33       |
| Female----- | 421          | 34      | 45       | 37    | 21    | 31  | 31   | 30   | 22     | 46        | 51      | 29       | 44       |

**TABLE 4.-NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, AND BY RACE, VIRGIN ISLANDS, 1948**

(By place of occurrence)

| AREA<br>(RACE FOR VIRGIN-ISLANDS ONLY) | Total births | NUMBER ATTENDED BY--               |                           |         |                         | Total percent | PERCENT ATTENDED BY--              |                           |         |                         |
|--|--------------|------------------------------------|---------------------------|---------|-------------------------|---------------|------------------------------------|---------------------------|---------|-------------------------|
|  |              | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |               | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |
| VIRGIN ISLANDS-----                    | 826          | 511                                | 4                         | 310     | 1                       | 100.0         | 61.9                               | 0.5                       | 37.5    | 0.1                     |
| White-----                             | 40           | 14                                 | 1                         | 25      | -                       | 100.0         | 35.0                               | 2.5                       | 62.5    | 0                       |
| Negro-----                             | 661          | 425                                | 3                         | 232     | 1                       | 100.0         | 64.3                               | 0.5                       | 35.1    | 0.2                     |
| Mixed <sup>2</sup> and other----       | 125          | 72                                 | -                         | 53      | -                       | 100.0         | 57.6                               | 0                         | 42.4    | 0                       |
| St. Croix-----                         | 318          | 215                                | 3                         | 102     | -                       | 100.0         | 67.0                               | 0.9                       | 32.1    | 0                       |
| St. John-----                          | 11           | 8                                  | -                         | 2       | 1                       | 100.0         | 72.7                               | 0                         | 18.2    | 9.1                     |
| St. Thomas-----                        | 497          | 290                                | 1                         | 206     | -                       | 100.0         | 58.4                               | 0.2                       | 41.4    | 0                       |

<sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

<sup>2</sup>"Mixed" designates a mixture of white and Negro.

**TABLE 5.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: VIRGIN ISLANDS, 1948**

| RACE                             | Total births | AGE OF MOTHER  |                |                |                |                |                |                |                |                   |            |
|----------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                  |              | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 years and over | Not stated |
| ALL RACES-----                   | 826          | 3              | 137            | 262            | 215            | 109            | 77             | 18             | 1              | -                 | 5          |
| White-----                       | 40           | -              | 2              | 9              | 17             | 3              | 7              | 2              | -              | -                 | -          |
| Negro-----                       | 661          | 3              | 119            | 205            | 170            | 89             | 57             | 15             | 1              | -                 | 3          |
| Mixed <sup>1</sup> and other---- | 125          | -              | 17             | 48             | 28             | 16             | 13             | 1              | -              | -                 | 2          |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: VIRGIN ISLANDS, 1948  
(Birth order refers to number of children born alive to mother)

| BIRTH ORDER                    | Total births | AGE OF MOTHER  |                |                |                |                |                |                |                |                   |            |
|--------------------------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                |              | 10 to 14 years | 15 to 19 years | 20 to 24 years | 25 to 29 years | 30 to 34 years | 35 to 39 years | 40 to 44 years | 45 to 49 years | 50 years and over | Not stated |
| TOTAL-----                     | 826          | 3              | 137            | 262            | 215            | 108            | 77             | 18             | 1              | -                 | 5          |
| First child-----               | 162          | 3              | 86             | 50             | 12             | 8              | 3              | -              | -              | -                 | -          |
| Second child-----              | 149          | -              | 38             | 64             | 32             | 11             | 2              | 1              | -              | -                 | -          |
| Third child-----               | 121          | -              | 11             | 58             | 40             | 8              | 4              | -              | -              | -                 | 1          |
| Fourth child-----              | 98           | -              | 2              | 43             | 33             | 13             | 5              | -              | -              | -                 | 2          |
| Fifth child-----               | 91           | -              | -              | 33             | 38             | 10             | 9              | -              | -              | -                 | 1          |
| Sixth child-----               | 58           | -              | -              | 9              | 25             | 10             | 11             | 3              | -              | -                 | -          |
| Seventh child-----             | 50           | -              | -              | 3              | 14             | 20             | 11             | 2              | -              | -                 | -          |
| Eighth child-----              | 34           | -              | -              | 1              | 12             | 8              | 10             | 2              | -              | -                 | -          |
| Ninth child-----               | 25           | -              | -              | 1              | 6              | 10             | 6              | 2              | -              | -                 | 1          |
| Tenth child-----               | 12           | -              | -              | -              | 1              | 4              | 1              | 1              | -              | -                 | -          |
| Eleventh child-----            | 9            | -              | -              | -              | -              | 2              | 5              | 2              | -              | -                 | -          |
| Twelfth child-----             | 7            | -              | -              | -              | -              | 3              | 2              | 2              | -              | -                 | -          |
| Thirteenth child and over----- | 7            | -              | -              | -              | -              | 3              | 3              | 3              | 1              | -                 | -          |
| Not stated-----                | 3            | -              | -              | -              | 2              | 1              | -              | -              | -              | -                 | -          |

TABLE 7.—LIVE BIRTHS BY RACE AND BIRTH ORDER: VIRGIN ISLANDS, 1948  
(Birth order refers to number of children born alive to mother)

| RACE                              | Total births | BIRTH ORDER |     |     |     |     |     |     |     |     |      |      |      |               |            |
|-----------------------------------|--------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|---------------|------------|
|                                   |              | 1st         | 2d  | 3d  | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th and over | Not stated |
| ALL RACES-----                    | 826          | 162         | 149 | 121 | 98  | 91  | 58  | 50  | 34  | 25  | 12   | 9    | 7    | 7             | 3          |
| White-----                        | 40           | 7           | 6   | 6   | 4   | 1   | 1   | 5   | 1   | 1   | 1    | 2    | -    | -             | 1          |
| Negro-----                        | 561          | 128         | 120 | 98  | 78  | 76  | 50  | 40  | 24  | 19  | 9    | 6    | 6    | 6             | 1          |
| Mixed <sup>1</sup> and other----- | 125          | 27          | 21  | 15  | 16  | 14  | 7   | 5   | 9   | 5   | 2    | 1    | 1    | 1             | 1          |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 8.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period.)

| RACE                              | Total births | Total cases (single and plural) | Cases of single births | CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE |       |
|-----------------------------------|--------------|---------------------------------|------------------------|---|-------|
|                                   |              |                                 |                        | Total   | Twins |
| ALL RACES--                       | 826          | 819                             | 812                    | 7   | 7     |
| White-----                        | 40           | 40                              | 40                     | -   | -     |
| Negro-----                        | 561          | 655                             | 649                    | 6   | 6     |
| Mixed <sup>1</sup> and other----- | 125          | 124                             | 123                    | 1   | 1     |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 9. MARRIAGE LICENSES, DIVORCES, AND ANNULMENTS: VIRGIN ISLANDS, 1946-48

| YEAR      | Number of marriage licenses <sup>1</sup> | NUMBER OF— |            |
|-----------|--|------------|------------|
|           |  | Divorces   | Annulments |
| 1948----- | 156                                      | 143        | -          |
| 1947----- | 190                                      | 124        | -          |
| 1946----- | 185                                      | 90         | -          |

<sup>1</sup>Data are for fiscal year ending June 30.

TABLE 10. DEATHS BY RACE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

| AREA                | Total deaths | RACE  |       |                              |
|---------------------|--------------|-------|-------|------------------------------|
|                     |              | White | Negro | Mixed <sup>1</sup> and other |
| VIRGIN ISLANDS----- | 340          | 24    | 285   | 31                           |
| St. Croix-----      | 179          | 6     | 148   | 25                           |
| St. John-----       | 3            | 1     | 2     | -                            |
| St. Thomas-----     | 158          | 17    | 135   | 6                            |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 11.—DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

| AREA             | Total deaths | Deaths not in institutions | Deaths in institutions | TYPE OF SERVICE   |   |                       |
|------------------|--------------|----------------------------|------------------------|-------------------|---|-----------------------|
|                  |              |                            |                        | General hospitals | Other non-resident hospitals and institutions | Resident institutions |
| VIRGIN ISLANDS-- | 340          | 118                        | 222                    | 194               | 2   | 26                    |
| St. Croix-----   | 179          | 57                         | 122                    | 97                | 2   | 23                    |
| St. John-----    | 3            | 3                          | -                      | -                 | -   | -                     |
| St. Thomas-----  | 158          | 58                         | 100                    | 97                | -   | 3                     |

SUPPLEMENT-VIRGIN ISLANDS

TABLE 12.-DEATHS BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths)

| RACE AND SEX                 | Total deaths | Under 5 |    |   |   | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 29 | 30 to 34 | 35 to 39 | 40 to 44 | 45 to 49 | 50 to 54 | 55 to 59 | 60 to 64 | 65 to 69 | 70 to 74 | 75 to 79 | 80 to 84 | 85 to 89 | 90 to 94 | 95 to 99 | 100 and over | Not stated |   |   |
|------------------------------|--------------|---------|----|---|---|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|------------|---|---|
|                              |              | 1       | 2  | 3 | 4 |        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |              |            |   |   |
| ALL RACES                    | 340          | 73      | 18 | 4 | 2 | 1      | 98       | -        | 3        | 5        | 3        | 6        | 7        | 4        | 5        | 12       | 10       | 19       | 27       | 30       | 29       | 27       | 25       | 19       | 8            | 1          | - | 2 |
| Male                         | 175          | 44      | 11 | 2 | 1 | -      | 58       | -        | 1        | 3        | 2        | 1        | 5        | 1        | 3        | 7        | 3        | 13       | 11       | 16       | 16       | 17       | 10       | 5        | -            | 2          | - | 1 |
| Female                       | 165          | 29      | 7  | 2 | 1 | 1      | 40       | -        | 2        | 2        | 1        | 5        | 2        | 3        | 2        | 5        | 7        | 6        | 16       | 14       | 13       | 10       | 15       | 14       | 6            | 1          | - | 1 |
| White                        | 24           | 3       | -  | - | - | -      | 3        | -        | 1        | -        | -        | 1        | 2        | 1        | 1        | 1        | 1        | 2        | 2        | 4        | 2        | 3        | 1        | -        | -            | -          | - | - |
| Male                         | 12           | 2       | -  | - | - | -      | 2        | -        | 1        | -        | -        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 4        | 2        | 3        | 1        | -        | -            | -          | - | - |
| Female                       | 12           | 1       | -  | - | - | -      | 1        | -        | 1        | -        | -        | 1        | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 1        | 1        | 1        | -        | -        | -            | -          | - | - |
| Negro                        | 285          | 62      | 13 | 2 | 2 | 1      | 80       | -        | 1        | 5        | 2        | 4        | 6        | 2        | 4        | 11       | 9        | 16       | 24       | 20       | 26       | 20       | 23       | 15       | 5            | 1          | - | 2 |
| Male                         | 146          | 36      | 8  | 1 | 1 | -      | 48       | -        | 1        | 3        | 2        | 4        | 4        | 1        | 2        | 6        | 3        | 11       | 9        | 15       | 14       | 15       | 9        | 4        | 1            | -          | 1 |   |
| Female                       | 139          | 26      | 5  | 1 | 1 | 1      | 34       | -        | 1        | 2        | -        | 4        | 2        | 1        | 2        | 5        | 6        | 5        | 15       | 14       | 12       | 8        | 14       | 11       | 4            | 1          | - | 1 |
| Mixed <sup>1</sup> and other | 31           | 8       | 5  | 2 | - | -      | 15       | -        | 1        | -        | 1        | 2        | -        | -        | -        | -        | -        | 3        | 1        | 1        | 3        | -        | 1        | 2        | -            | -          | - |   |
| Male                         | 17           | 6       | 3  | 1 | - | -      | 10       | -        | 1        | -        | 1        | 2        | -        | -        | -        | -        | -        | 2        | 1        | 1        | 1        | -        | 1        | 2        | -            | -          | - |   |
| Female                       | 14           | 2       | 2  | 1 | - | -      | 5        | -        | -        | -        | 1        | 1        | -        | -        | -        | -        | -        | 1        | 1        | 1        | 2        | -        | 2        | -        | -            | -          | - |   |

<sup>1</sup>Mixed" designates a mixture of white and Negro.

TABLE 13.-DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH                                     | Total | White | Negro | Mixed <sup>1</sup> and other |
|---------------|--|-------|-------|-------|------------------------------|
|               | ALL CAUSES   | 340   | 24    | 285   | 31                           |
|               | I.-Infectious and parasitic diseases               | 29    | 3     | 26    | -                            |
| 13-22         | Tuberculosis (all forms)                           | 10    | 2     | 8     | -                            |
| 13            | Tuberculosis of respiratory system, etc.*          | 10    | 2     | 8     | -                            |
| 23            | Leprosy  | 3     | -     | 3     | -                            |
| 30            | Syphilis (all forms)                               | 14    | 1     | 13    | -                            |
| 30d           | Aneurysm of aorta                                  | 2     | 1     | 1     | -                            |
| 30c,e,g       | Syphilis (other forms)                             | 12    | -     | 12    | -                            |
| 33            | Influenza  | 1     | -     | 1     | -                            |
| 42            | Other diseases caused by helminths                 | 1     | -     | 1     | -                            |
|               | II.-Cancer and other tumors                        | 22    | 4     | 15    | 3                            |
| 45-55         | Cancer and other malignant tumors                  | 22    | 4     | 15    | 3                            |
| 45            | Cancer of buccal cavity and pharynx                | 2     | -     | 1     | 1                            |
| 45b           | Cancer of tongue                                   | 2     | -     | 1     | 1                            |
| 46            | Cancer of digestive organs and peritoneum          | 13    | 2     | 9     | 2                            |
| 46a           | Cancer of esophagus                                | 2     | -     | 1     | 1                            |
| 46b           | Cancer of stomach                                  | 7     | -     | 7     | -                            |
| 46c           | Cancer of intestines, etc.*                        | 1     | -     | 1     | -                            |
| 46g           | Cancer of pancreas                                 | 2     | 1     | 1     | 1                            |
| 46a           | Cancer of other and unspecified sites              | 1     | 1     | -     | -                            |
| 48            | Cancer of uterus                                   | 1     | -     | 1     | -                            |
| 48b           | Cancer of other and unspecified sites of uterus    | 1     | -     | 1     | -                            |
| 50            | Cancer of breast                                   | 2     | -     | 2     | -                            |
| 51            | Cancer of male genital organs                      | 1     | -     | 1     | -                            |
| 51b           | Cancer of prostate                                 | 1     | -     | 1     | -                            |
| 52            | Cancer of urinary organs                           | 1     | -     | 1     | -                            |
| 52b           | Cancer of bladder                                  | 1     | -     | 1     | -                            |
| 53            | Cancer of skin                                     | 1     | 1     | -     | -                            |
| 55            | Cancer of other and unspecified organs             | 1     | 1     | -     | -                            |
|               | III.-Rheumatism, diseases of nutrition, etc.*      | 6     | -     | 6     | -                            |
| 61            | Diabetes mellitus                                  | 4     | -     | 4     | -                            |
| 64            | Diseases of thymus gland                           | 1     | -     | 1     | -                            |
| 68            | Pellagra (except alcoholic)                        | 1     | -     | 1     | -                            |
|               | IV.-Diseases of the blood and blood-forming organs | 1     | 1     | -     | -                            |
| 74            | Leukemias and aleukemias                           | 1     | 1     | -     | -                            |
| 74a           | Leukemias  | 1     | 1     | -     | -                            |
|               | V.-Chronic poisoning and intoxication              | 1     | -     | 1     | -                            |
| 77            | Alcoholism (ethylism)                              | 1     | -     | 1     | -                            |
|               | VI.-Diseases of the nervous system, etc.*          | 24    | -     | 23    | 1                            |
| 81            | Meningitis (not due to meningococcus)              | 1     | -     | -     | 1                            |
| 82            | Diseases of spinal cord (see exceptions)*          | 1     | -     | 1     | -                            |
| 83            | Intracranial lesions of vascular origin            | 21    | -     | 21    | -                            |
| 83a           | Cerebral hemorrhage or effusion*                   | 14    | -     | 14    | -                            |
| 83b,c         | Cerebral embolism, thrombosis, and softening       | 6     | -     | 6     | -                            |
| 83d           | Hemiplegia, other paralysis, etc.*                 | 1     | -     | 1     | -                            |
| 85            | Epilepsy   | 1     | -     | 1     | -                            |
|               | VII.-Diseases of the circulatory system            | 103   | 7     | 92    | 4                            |
| 90-95         | Diseases of the heart (all forms)                  | 89    | 6     | 78    | 4                            |
| 92            | Chronic affections of valves and endocardium       | 2     | -     | 2     | -                            |
| 92b           | Diseases of mitral valve, etc.*                    | 2     | -     | 2     | -                            |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Mixed" designates a mixture of white and Negro.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1948—Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total | White | Negro | Mixed <sup>1</sup> and other |
|---------------|---|-------|-------|-------|------------------------------|
|               | VII.—Diseases of the circulatory system—Continued                       |       |       |       |                              |
|               | Diseases of the heart (all forms)—Continued                             |       |       |       |                              |
| 93            | Diseases of the myocardium-----   | 79    | 6     | 69    | 4                            |
| 93a           | Other chronic myocarditis, etc.*-----                                   | 78    | 6     | 68    | 4                            |
| 93e           | Other myocarditis (unspecified)-----                                    | 1     | -     | 1     | -                            |
| 94            | Diseases of coronary arteries, angina pectoris-----                     | 2     | -     | 2     | -                            |
| 94a           | Diseases of coronary arteries-----                                      | 2     | -     | 2     | -                            |
| 95            | Other diseases of heart-----  | 5     | -     | 5     | -                            |
| 95b           | Other diseases of heart (rheumatic)-----                                | 4     | -     | 4     | -                            |
| 95c           | Other diseases of heart (not rheumatic)-----                            | 1     | -     | 1     | -                            |
| 97            | Arteriosclerosis (except coronary or renal sclerosis)-----              | 11    | 1     | 10    | -                            |
| 98            | Congrene-----   | 1     | -     | 1     | -                            |
| 102           | High blood pressure (idiopathic)-----                                   | 2     | -     | 2     | -                            |
| 103           | Other diseases of circulatory system-----                               | 1     | -     | 1     | -                            |
|               | VIII.—Diseases of respiratory system-----                               | 30    | 1     | 25    | 4                            |
| 107           | Bronchopneumonia (including capillary bronchitis)-----                  | 15    | -     | 12    | 3                            |
| 108           | Lobar pneumonia-----  | 13    | 1     | 11    | 1                            |
| 111           | Hemorrhagic infarction, thrombosis, edema*-----                         | 1     | -     | 1     | -                            |
| 112           | Asthma-----   | 1     | -     | 1     | -                            |
|               | IX.—Diseases of the digestive system-----                               | 36    | 2     | 27    | 7                            |
| 115           | Diseases of buccal cavity and adnexa, etc.*-----                        | 1     | -     | 1     | -                            |
| 117           | Ulcer of stomach or duodenum-----                                       | 3     | -     | 1     | 2                            |
| 117a          | Ulcer of stomach-----   | 3     | -     | 1     | 2                            |
| 119           | Diarrhea, enteritis, etc.* (under 2 years)-----                         | 22    | -     | 20    | 2                            |
| 120           | Diarrhea, enteritis, etc.* (2 years and over)-----                      | 2     | -     | 1     | 1                            |
| 122           | Hernia and intestinal obstruction-----                                  | 1     | -     | 1     | -                            |
| 122a          | Hernia-----   | 1     | -     | 1     | -                            |
| 124           | Cirrhosis of liver-----   | 4     | 2     | 1     | 1                            |
| 124a          | Cirrhosis of liver with mention of alcoholism-----                      | 1     | -     | -     | 1                            |
| 124b          | Cirrhosis of liver without mention of alcoholism-----                   | 3     | 2     | 1     | -                            |
| 126           | Biliary calculi-----  | 1     | -     | -     | 1                            |
| 129           | Peritonitis (cause not stated)-----                                     | 2     | -     | 2     | -                            |
|               | X.—Diseases of genito-urinary system-----                               | 14    | -     | 14    | -                            |
| 130           | Acute nephritis-----  | 2     | -     | 2     | -                            |
| 131           | Chronic nephritis-----  | 10    | -     | 10    | -                            |
| 131a          | Arteriosclerotic kidney-----  | 4     | -     | 4     | -                            |
| 131b          | Other chronic nephritis-----  | 6     | -     | 6     | -                            |
| 135           | Diseases of urinary bladder-----  | 1     | -     | 1     | -                            |
| 137           | Diseases of prostate-----   | 1     | -     | 1     | -                            |
| 137a          | Hypertrophy of prostate-----  | 1     | -     | 1     | -                            |
|               | XI.—Diseases of pregnancy, childbirth, and the puerperium-----          | 2     | -     | 2     | -                            |
| 143           | Hemorrhage of pregnancy (death before delivery)-----                    | 1     | -     | 1     | -                            |
| 144           | Toxemia of pregnancy (death before delivery)-----                       | 1     | -     | 1     | -                            |
|               | XII.—Diseases of the skin and cellular tissue-----                      | 1     | -     | 1     | -                            |
| 153           | Other diseases of skin and cellular tissue-----                         | 1     | -     | 1     | -                            |
|               | XIII.—Diseases of the bones, etc.*-----                                 | 1     | -     | 1     | -                            |
| 154           | Osteomyelitis and periostitis-----                                      | 1     | -     | 1     | -                            |
| 157           | XIV.—Congenital malformations-----                                      | 2     | -     | 1     | 1                            |
| 157a-d        | Congenital malformations of central nervous system-----                 | 1     | -     | 1     | -                            |
| 157e,f        | Congenital malformations of cardiovascular system-----                  | 1     | -     | -     | 1                            |
|               | XV.—Diseases peculiar to the first year of life-----                    | 30    | 3     | 25    | 2                            |
| 158           | Congenital debility (cause not stated)-----                             | 4     | -     | 3     | 1                            |
| 159           | Premature birth (cause not stated)-----                                 | 18    | 2     | 15    | 1                            |
| 160           | Injury at birth-----  | 3     | -     | 2     | -                            |
| 161           | Other diseases peculiar to first year of life-----                      | 5     | -     | 5     | -                            |
| 162           | XVI.—Senility-----  | 10    | 1     | 7     | 2                            |
|               | XVII.—Violent or accidental deaths-----                                 | 19    | 2     | 15    | 2                            |
| 163,164       | Suicide-----  | 1     | -     | 1     | -                            |
| 164           | Suicide by other means-----   | 1     | -     | 1     | -                            |
| 165-168       | Homicide <sup>2</sup> -----   | 4     | 1     | 3     | -                            |
| 166           | Homicide by firearms-----   | 2     | -     | 2     | -                            |
| 167           | Homicide by cutting or piercing instruments-----                        | 2     | 1     | 1     | -                            |
| 169-195       | Accidental deaths-----  | 14    | 1     | 11    | 2                            |
| 170           | Motor-vehicle accidents-----  | 1     | -     | -     | 1                            |
| 170c          | Automobile accidents (except collisions with trains or streetcars)----- | 1     | -     | -     | 1                            |
| 177           | Food poisoning-----   | 4     | -     | 4     | -                            |
| 181           | Accidental burns (except conflagration)-----                            | 2     | -     | 2     | -                            |
| 186           | Accidental injury by fall or crushing-----                              | 2     | 1     | 1     | -                            |
| 186a          | Accidental injury by fall-----  | 2     | 1     | 1     | -                            |
| 188           | Hunger or thirst-----   | 1     | -     | 1     | -                            |
| 195           | Other accidents-----  | 4     | -     | 3     | 1                            |
| 195a          | Sequelae or preventive immunization, etc.*-----                         | 1     | -     | -     | 1                            |
| 195c,e        | Other and unspecified accidents-----                                    | 3     | -     | 3     | -                            |
|               | XVIII.—Ill-defined and unknown causes-----                              | 9     | -     | 4     | 5                            |
| 200           | Ill-defined and unknown causes-----                                     | 9     | -     | 4     | 5                            |
| 200a          | Ill-defined causes-----   | 7     | -     | 3     | 4                            |
| 200b,c        | Unknown or unspecified causes-----                                      | 2     | -     | 1     | 1                            |

\*Refer to International List for complete title, table IX.

<sup>1</sup>"Mixed" designates a mixture of white and Negro.<sup>2</sup>Includes figures for infanticide (165).

TABLE 14.-DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH<br>(SEX FOR ALL CAUSES ONLY)                               | Total<br>deaths | Jan.            | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|-----------------|-----------------|------|------|------|-----|------|------|------|-------|------|------|------|
|   |                 | ALL CAUSES----- | 340  | 24   | 29   | 29  | 31   | 21   | 32   | 33    | 31   | 32   | 26   |
| Male-----   | 175             | 16              | 13   | 12   | 16   | 9   | 18   | 15   | 19   | 16    | 14   | 14   | 13   |
| Female-----   | 165             | 8               | 16   | 17   | 15   | 12  | 14   | 18   | 12   | 16    | 12   | 11   | 14   |
| Tuberculosis (all forms)-----13-22  | 10              | -               | -    | 2    | -    | -   | -    | 2    | -    | 3     | 1    | 2    | -    |
| Tuberculosis of respiratory system, etc.*-----13                          | 10              | -               | -    | 2    | -    | -   | -    | 2    | -    | 3     | 1    | 2    | -    |
| Syphilis-----30   | 14              | 3               | 1    | 1    | 3    | 1   | -    | -    | 1    | 1     | -    | 1    | 2    |
| Cancer and other malignant tumors-----45-55                               | 22              | 2               | 3    | 3    | 1    | 1   | 2    | 2    | 2    | 2     | -    | 1    | 3    |
| Cancer of the digestive organs and peritoneum-----46                      | 13              | 2               | 3    | 2    | -    | 1   | 1    | 1    | -    | 1     | -    | -    | 2    |
| Cancer of female genital organs-----48,49                                 | 1               | -               | -    | -    | -    | -   | -    | 1    | -    | -     | -    | -    | -    |
| Cancer of the breast-----50   | 2               | -               | -    | -    | 1    | -   | -    | -    | 1    | -     | -    | -    | -    |
| Cancer (other sites)-----45,47,51-55                                      | 6               | -               | -    | 1    | -    | -   | 1    | -    | 1    | 1     | -    | 1    | 1    |
| Diabetes mellitus-----61  | 4               | -               | -    | -    | 1    | 1   | 1    | -    | -    | -     | -    | -    | 1    |
| Pellagra (except alcoholic)-----69  | 1               | -               | -    | -    | -    | -   | -    | 1    | -    | -     | -    | -    | -    |
| Alcoholism (ethylic)-----77   | 1               | -               | -    | -    | -    | -   | -    | -    | -    | -     | -    | 1    | -    |
| Intracranial lesions of vascular origin-----83                            | 21              | 1               | -    | 3    | 5    | -   | 1    | 1    | 1    | 2     | 4    | 1    | 2    |
| Diseases of the heart-----90-95   | 68              | 7               | 11   | 6    | 6    | 10  | 6    | 9    | 10   | 5     | 6    | 4    | 6    |
| Chronic rheumatic diseases of the heart-----90a,92b,c,95c,95b             | 7               | -               | 1    | 1    | -    | -   | -    | 2    | 1    | -     | -    | -    | -    |
| Diseases of coronary arteries and angina pectoris-----94                  | 2               | -               | -    | -    | -    | -   | 1    | -    | -    | -     | -    | -    | 1    |
| Diseases of the heart<br>(other forms)-----90b,91,92a,d,e,95a,b,d,e,95a,c | 80              | 7               | 10   | 5    | 6    | 9   | 5    | 7    | 9    | 5     | 6    | 4    | 7    |
| Arteriosclerosis and high blood pressure*-----97,102                      | 13              | 1               | 1    | -    | -    | 2   | -    | 1    | 3    | 2     | 1    | 1    | 1    |
| Pneumonia (all forms) and influenza-----107-109,33                        | 29              | -               | 3    | 4    | 1    | 1   | 5    | 4    | 4    | -     | 4    | 1    | 2    |
| Bronchopneumonia-----107  | 15              | -               | 2    | 2    | -    | 1   | 3    | 3    | 1    | -     | -    | 1    | 2    |
| Lobar pneumonia-----108   | 13              | -               | 1    | 2    | 1    | 1   | 2    | 1    | 2    | -     | 4    | -    | -    |
| Influenza-----33  | 1               | -               | -    | -    | -    | -   | -    | -    | 1    | -     | -    | -    | -    |
| Ulcer of stomach or duodenum-----117                                      | 3               | 1               | -    | -    | -    | -   | -    | -    | -    | 1     | -    | 1    | -    |
| Diarrhea, enteritis, etc.*-----119,120                                    | 24              | -               | -    | 3    | -    | -   | 4    | 5    | 2    | 3     | 3    | 2    | 2    |
| Hernia and intestinal obstruction-----122                                 | 1               | -               | -    | -    | -    | -   | -    | -    | 1    | -     | -    | -    | -    |
| Cirrhosis of the liver-----124  | 4               | -               | -    | -    | -    | -   | -    | -    | -    | 2     | 1    | -    | 1    |
| Biliary calculi, etc.*-----126,127  | 1               | -               | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | 1    |
| Nephritis-----130-132   | 12              | 3               | 1    | -    | 3    | -   | 1    | 2    | -    | 1     | -    | 1    | -    |
| Diseases of the prostate-----137  | 1               | 1               | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Diseases of pregnancy, etc.*-----140-150                                  | 2               | -               | -    | -    | -    | -   | 1    | -    | -    | -     | -    | 1    | -    |
| Puerperal toxemia-----141a,c,144,148                                      | 1               | -               | -    | -    | -    | -   | -    | -    | -    | -     | -    | 1    | -    |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,149                    | 1               | -               | -    | -    | -    | -   | 1    | -    | -    | -     | -    | -    | -    |
| Congenital malformations-----157  | 2               | 1               | -    | 1    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Diseases peculiar to first year of life-----158-161                       | 30              | 1               | 4    | 1    | 3    | 2   | 4    | 1    | 3    | 4     | 4    | 3    | -    |
| Premature birth-----159   | 18              | -               | 2    | 1    | 2    | 1   | 3    | 1    | 1    | 3     | 3    | 2    | -    |
| Other diseases peculiar to first year of life-----158,160,161             | 12              | 1               | 2    | -    | 1    | 1   | 1    | 1    | 2    | 1     | 1    | 1    | -    |
| Suicide-----163,164   | 1               | -               | -    | -    | -    | -   | -    | -    | -    | -     | -    | 1    | -    |
| Homicide-----165-168  | 4               | -               | 1    | -    | -    | 1   | -    | -    | -    | -     | 1    | -    | 1    |
| Accidental deaths-----169-195   | 14              | 1               | 1    | 2    | 1    | 1   | 1    | 2    | 3    | -     | -    | 1    | 1    |
| Motor-vehicle accidents-----170   | 1               | -               | -    | -    | -    | -   | -    | -    | -    | -     | -    | 1    | 1    |
| Other accidents-----169,171-195   | 13              | 1               | 1    | 2    | 1    | 1   | 1    | 2    | 1    | -     | -    | 1    | 1    |
| Sanility, ill-defined and unknown causes-----162,199,200                  | 19              | 1               | -    | 2    | 7    | 1   | 2    | 2    | 2    | 3     | 3    | 1    | 1    |
| All other causes-----   | 19              | 1               | 3    | 1    | -    | -   | 4    | 3    | -    | 3     | 1    | 2    | 1    |

\*Refer to International List for complete title, table IX.

TABLE 15.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.                                     | CAUSE OF DEATH, RACE, AND SEX | Total deaths | Under 1 year    | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|---|-------------------------------|--------------|-----------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
|   |                               |              | ALL CAUSES----- | 340    | 73     | 25       | -        | 3        | 5        | 3        | 13       | 9        | 22       | 46       | 59          | 52         |
| White-----Male-----                               | 12                            | 2            | -               | -      | 1      | -        | -        | 1        | 1        | 1        | 2        | 1        | 3        | 1        | -           |            |
| White-----Female-----                             | 12                            | 1            | -               | -      | -      | -        | -        | -        | 2        | 1        | -        | -        | 1        | 3        | -           |            |
| Negro-----Male-----                               | 146                           | 36           | 10              | -      | 1      | 3        | 2        | 4        | 3        | 9        | 20       | 29       | 24       | 5        | 1           |            |
| Negro-----Female-----                             | 139                           | 26           | 8               | -      | 1      | 2        | -        | 6        | 3        | 11       | 20       | 26       | 19       | 16       | 1           |            |
| Mixed and other-----Male-----                     | 17                            | 6            | 4               | -      | 1      | -        | -        | 1        | -        | -        | 2        | 2        | -        | 1        | -           |            |
| Mixed and other-----Female-----                   | 14                            | 2            | 3               | -      | -      | -        | 1        | 1        | -        | -        | 2        | -        | 3        | 2        | -           |            |
| 13-22 Tuberculosis (all forms)-----               | 10                            | -            | -               | -      | -      | 1        | -        | 1        | 1        | 4        | 2        | 1        | -        | -        | -           |            |
| White-----Male-----                               | 1                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           |            |
| White-----Female-----                             | 1                             | -            | -               | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           |            |
| Negro-----Male-----                               | 3                             | -            | -               | -      | -      | 1        | -        | 1        | -        | 1        | -        | -        | -        | -        | -           |            |
| Negro-----Female-----                             | 5                             | -            | -               | -      | -      | -        | -        | 1        | -        | 3        | 1        | -        | -        | -        | -           |            |
| Mixed and other-----Male-----                     | -                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| Mixed and other-----Female-----                   | -                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 15 Tuberculosis of respiratory system, etc.*----- | 10                            | -            | -               | -      | -      | 1        | -        | 1        | 1        | 4        | 2        | 1        | -        | -        | -           |            |
| White-----Male-----                               | 1                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           |            |
| White-----Female-----                             | 1                             | -            | -               | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           |            |
| Negro-----Male-----                               | 3                             | -            | -               | -      | -      | 1        | -        | 1        | -        | 1        | 1        | -        | -        | -        | -           |            |
| Negro-----Female-----                             | 5                             | -            | -               | -      | -      | -        | -        | 1        | -        | 3        | 1        | -        | -        | -        | -           |            |
| Mixed and other-----Male-----                     | -                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| Mixed and other-----Female-----                   | -                             | -            | -               | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |

\*Refer to International List for complete title, table IX.

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

VITAL STATISTICS OF THE UNITED STATES

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948—Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.                       | CAUSE OF DEATH, RACE, AND SEX                  | Total deaths | Under 1 year | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|-------------------------------------|--|--------------|--------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 30                                  | Syphilis                                       | 14           | -            | -      | -      | -        | -        | -        | 2        | -        | 4        | 5        | 1        | 2        | -           | -          |
|                                     | White—Male                                     | 1            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 10           | -            | -      | -      | -        | -        | -        | 2        | -        | 3        | 4        | -        | 1        | -           | -          |
|                                     | Negro—Female                                   | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | 1        | 1        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Male              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Mixed <sup>1</sup> and other—Female | -  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 45-55                               | Cancer and other malignant tumors              | 22           | -            | -      | -      | 1        | -        | -        | -        | -        | 2        | 5        | 6        | 7        | 1           | -          |
|                                     | White—Male                                     | 2            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | 1        | 1        | 1        | -           | -          |
|                                     | White—Female                                   | 2            | -            | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|                                     | Negro—Male                                     | 9            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 4        | 4        | -           | -          |
|                                     | Negro—Female                                   | 6            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | 2        | 2        | -        | 1           | -          |
|                                     | Mixed <sup>1</sup> and other—Male              | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
| Mixed <sup>1</sup> and other—Female | 2  | -            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 1        | -        | -           |            |
| 46                                  | Cancer of the digestive organs and peritoneum  | 13           | -            | -      | -      | -        | -        | -        | -        | -        | -        | 4        | 4        | 4        | 1           | -          |
|                                     | White—Male                                     | 2            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | 1        | 1        | -           | -          |
|                                     | White—Female                                   | 2            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 6            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 3        | 3        | -           | -          |
|                                     | Negro—Female                                   | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | 1        | -        | 1           | -          |
|                                     | Mixed <sup>1</sup> and other—Male              | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
| Mixed <sup>1</sup> and other—Female | 1  | -            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           |            |
| 46,49                               | Cancer of female genital organs                | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                   | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 50                                  | Cancer of the breast                           | 2            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 1        | -        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                   | 2            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 1        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 45,47,51-55                         | Cancer (other sites)                           | 6            | -            | -      | -      | 1        | -        | -        | -        | -        | 1        | -        | 1        | 3        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | 2            | -            | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|                                     | Negro—Male                                     | 3            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 1        | 1        | -           | -          |
|                                     | Negro—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
| 61                                  | Diabetes mellitus                              | 4            | -            | -      | -      | -        | 1        | -        | -        | -        | 1        | 2        | -        | -        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 1            | -            | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                   | 3            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | 2        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 69                                  | Pellagra (except alcoholic)                    | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                                     | Negro—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 77                                  | Alcoholism (ethylism)                          | 1            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 1            | -            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 85                                  | Intracranial lesions of vascular origin        | 21           | -            | 1      | -      | -        | -        | -        | -        | 1        | 2        | 3        | 5        | 7        | 1           | 1          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 8            | -            | -      | -      | -        | -        | -        | -        | 1        | 1        | -        | 2        | 3        | -           | 1          |
|                                     | Negro—Female                                   | 13           | -            | 1      | -      | -        | -        | -        | -        | 1        | 1        | 3        | 3        | 4        | 1           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 90-95                               | Diseases of the heart                          | 88           | -            | -      | -      | -        | 1        | 1        | 1        | 1        | 1        | 18       | 28       | 19       | 18          | -          |
|                                     | White—Male                                     | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | 1           | -          |
|                                     | White—Female                                   | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | 1        | 1           | -          |
|                                     | Negro—Male                                     | 36           | -            | -      | -      | -        | 1        | 1        | -        | -        | -        | 9        | 12       | 10       | 4           | -          |
|                                     | Negro—Female                                   | 42           | -            | -      | -      | -        | 1        | 1        | 1        | 1        | 8        | 14       | 5        | 11       | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | 2        | 1           | -          |
| 90a,92b,c, 93c,95b                  | Chronic rheumatic diseases of the heart        | 6            | -            | -      | -      | -        | 1        | 1        | 1        | 1        | -        | -        | 2        | -        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 2            | -            | -      | -      | -        | -        | 1        | -        | -        | -        | -        | 1        | -        | -           | -          |
|                                     | Negro—Female                                   | 4            | -            | -      | -      | -        | 1        | -        | 1        | 1        | -        | -        | 1        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 94                                  | Diseases of coronary arteries, angina pectoris | 2            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | -           | -          |
|                                     | White—Male                                     | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                     | 2            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | -           | -          |
|                                     | Negro—Female                                   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |

<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 15. -DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 -Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.                              | CAUSE OF DEATH, RACE, AND SEX             | Total deaths | Under 1 year | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|--|---|--------------|--------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 90b,91,<br>92a,d,e,<br>95a,b,d,e,<br>95a,c | Diseases of the heart-Continued           | 80           | -            | -      | -      | -        | -        | -        | -        | -        | 1        | 17       | 26       | 18       | 18          | -          |
|  | Diseases of the heart (other forms)       | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | 1           | -          |
|  | White-----Male                            | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | 1        | 1           | -          |
|  | Female-----                               | 3            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | 1        | 1           | -          |
|  | Negro-----Male                            | 32           | -            | -      | -      | -        | -        | -        | -        | -        | 8        | 11       | 9        | 5        | 4           | -          |
|  | Female-----                               | 38           | -            | -      | -      | -        | -        | -        | -        | 1        | 8        | 13       | 5        | 11       | 11          | -          |
| Mixed <sup>1</sup> and other               | 1   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           |            |
| Female-----                                | 3   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 2        | 1        | -           |            |
| 97,102                                     | Arteriosclerosis and high blood pressure* | 13           | -            | -      | -      | -        | -        | -        | -        | -        | -        | 3        | 3        | 5        | 2           | -          |
|  | White-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|  | Female-----                               | 5            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 2        | 1        | 2        | 3           | -          |
|  | Negro-----Male                            | 7            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | 2        | 3        | 1           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 107-109,53                                 | Pneumonia (all forms) and influenza       | 29           | 16           | 10     | -      | -        | -        | -        | -        | 1        | -        | 1        | -        | -        | 1           | -          |
|  | White-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 16           | 9            | 6      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|  | Negro-----Male                            | 8            | 4            | 3      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|  | Female-----                               | 4            | 3            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 107  | Bronchopneumonia                          | 15           | 10           | 5      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 8            | 5            | 3      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Negro-----Male                            | 4            | 2            | 2      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 3            | 3            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 108  | Lobar pneumonia                           | 13           | 6            | 5      | -      | -        | -        | -        | -        | 1        | -        | 1        | -        | -        | -           | -          |
|  | White-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 8            | 4            | 3      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|  | Negro-----Male                            | 3            | 2            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 1            | 1            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 53   | Influenza                                 | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Negro-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 117  | Ulcer of stomach or duodenum              | 3            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | 1        | -        | -        | 1           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 1            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|  | Negro-----Male                            | 2            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | 1           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 119,120                                    | Diarrhea, enteritis, etc.*                | 24           | 19           | 5      | -      | -        | -        | 1        | -        | -        | -        | -        | -        | 1        | -           | -          |
|  | White-----Male                            | 11           | 11           | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 10           | 7            | 2      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|  | Negro-----Male                            | 1            | 1            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 2            | -            | 1      | -      | -        | -        | 1        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 122  | Hernia and intestinal obstruction         | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|  | Negro-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 124  | Cirrhosis of the liver                    | 4            | -            | -      | -      | -        | -        | -        | 1        | 1        | -        | -        | 1        | 1        | -           | -          |
|  | White-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | 1        | -           | -          |
|  | Female-----                               | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Negro-----Male                            | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | -        | -           | -          |
|  | Female-----                               | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 126,127                                    | Biliary calculi, etc.*                    | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Negro-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 130-132                                    | Nephritis                                 | 12           | 1            | 1      | -      | -        | -        | -        | -        | -        | 3        | 1        | 3        | 2        | 1           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 8            | 1            | -      | -      | -        | -        | -        | -        | -        | 1        | -        | 2        | 1        | 1           | -          |
|  | Negro-----Male                            | 8            | -            | 1      | -      | -        | -        | -        | -        | -        | 2        | 1        | 1        | 1        | 1           | -          |
|  | Female-----                               | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| Female-----                                | -   | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |
| 137  | Diseases of the prostate                  | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|  | White-----Male                            | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|  | Female-----                               | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | 1        | -           | -          |
|  | Mixed <sup>1</sup> and other              | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |

\*Refer to International List for complete title, table IX.  
<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1948 —Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.                       | CAUSE OF DEATH, RACE, AND SEX                 | Total deaths | Under 1 year | 1 to 4 | 5 to 9 | 10 to 14 | 15 to 19 | 20 to 24 | 25 to 34 | 35 to 44 | 45 to 54 | 55 to 64 | 65 to 74 | 75 to 84 | 85 and over | Not stated |
|-------------------------------------|---|--------------|--------------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|------------|
| 140-150                             | Diseases of pregnancy, etc.*                  | 2            | -            | -      | -      | -        | -        | -        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                  | 2            | -            | -      | -      | -        | -        | -        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 141a, c, 144, 148                   | Puerperal toxemia                             | 1            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                  | 1            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 141b, 142b, 143, 146, 149           | Hemorrhage, trauma or shock*                  | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | White—Female                                  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Female                                  | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 157                                 | Congenital malformations                      | 2            | 1            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | 1            | -            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | 1            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 158-161                             | Diseases peculiar to first year of life       | 30           | 30           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | White—Male                                    | 2            | 2            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Negro—Male                                    | 15           | 15           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 10           | 10           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Mixed <sup>1</sup> and other—Male             | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     |   |              |              |        |        |          |          |          |          |          |          |          |          |          |             |            |
| 159                                 | Premature birth                               | 18           | 18           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | White—Male                                    | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Negro—Male                                    | 11           | 11           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 4            | 4            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
| 158, 160, 161                       | Other diseases peculiar to first year of life | 12           | 12           | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | White—Male                                    | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | -            | -            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Negro—Male                                    | 4            | 4            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Female  | 6            | 6            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | 1            | ...    | ...    | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...         | ...        |
| 163, 164                            | Suicide                                       | 1            | -            | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | 1            | -            | -      | -      | -        | 1        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 165-168                             | Homicide                                      | 4            | -            | -      | -      | -        | -        | -        | 2        | 1        | -        | 1        | -        | -        | -           | -          |
|                                     | White—Male                                    | 1            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | 2            | -            | -      | -      | -        | -        | -        | 1        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | 1        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 169-195                             | Accidental deaths                             | 14           | 4            | 1      | -      | 1        | -        | -        | 2        | 2        | 2        | 2        | -        | -        | -           | -          |
|                                     | White—Male                                    | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | 5            | -            | 1      | -      | -        | -        | -        | 1        | -        | 1        | 2        | -        | -        | -           | -          |
|                                     | Female  | 6            | 4            | -      | -      | -        | -        | -        | -        | 1        | 1        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | -            | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 170                                 | Motor-vehicle accidents                       | 1            | -            | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | White—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | -            | -      | -      | 1        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
| 169, 171-195                        | Other accidents                               | 13           | 4            | 1      | -      | -        | -        | -        | 2        | 2        | 2        | 2        | -        | -        | -           | -          |
|                                     | White—Male                                    | 1            | -            | -      | -      | -        | -        | -        | -        | 1        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | 5            | -            | 1      | -      | -        | -        | -        | 1        | -        | 1        | 2        | -        | -        | -           | -          |
|                                     | Female  | 6            | 4            | -      | -      | -        | -        | -        | -        | 1        | 1        | -        | -        | -        | -           | -          |
|                                     | Mixed <sup>1</sup> and other—Female           | 1            | -            | -      | -      | -        | -        | -        | 1        | -        | -        | -        | -        | -        | -           | -          |
| 162, 199, 200                       | Senility, ill-defined and unknown causes      | 19           | 1            | 7      | -      | -        | -        | -        | -        | -        | -        | -        | 4        | 3        | 3           | 1          |
|                                     | White—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|                                     | Female  | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Negro—Male                                    | 6            | -            | 2      | -      | -        | -        | -        | -        | -        | -        | -        | 2        | 2        | -           | -          |
|                                     | Female  | 5            | -            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | 1        | 1        | 1           | 1          |
|                                     | Mixed <sup>1</sup> and other—Male             | 5            | 1            | 3      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | 2            | -            | 1      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
|                                     | All other causes                              | 19           | 1            | 1      | -      | 1        | 1        | 1        | 2        | -        | 2        | 1        | 5        | 4        | -           | -          |
|                                     | White—Male                                    | -            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           | -          |
|                                     | Female  | 1            | -            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | 1           | -          |
| Negro—Male                          | 7   | -            | -            | -      | -      | 1        | 1        | -        | -        | 1        | 1        | 3        | -        | -        | -           |            |
| Female                              | 10  | 1            | -            | -      | 1      | -        | -        | 2        | -        | 1        | -        | 2        | 3        | -        | -           |            |
| Mixed <sup>1</sup> and other—Female | 1   | -            | 1            | -      | -      | -        | -        | -        | -        | -        | -        | -        | -        | -        | -           |            |

\*Refer to International List for complete title, table IX.  
<sup>1</sup>"Mixed" designates a mixture of white and Negro.

TABLE 16-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH   | Total deaths | Deaths not in institutions | Deaths in institutions | TYPE OF SERVICE   |  |                       |
|--|--------------|----------------------------|------------------------|-------------------|--|-----------------------|
|  |              |                            |                        | General hospitals | Other nonresident hospitals and institutions | Resident institutions |
| ALL CAUSES-----  | 340          | 118                        | 222                    | 194               | 2  | 26                    |
| Tuberculosis (all forms)-----13-22                                     | 10           | 5                          | 5                      | 5                 | -  | -                     |
| Tuberculosis of respiratory system, etc.*-----13                       | 10           | 5                          | 5                      | 5                 | -  | -                     |
| Syphilis-----30  | 14           | 6                          | 8                      | 6                 | -  | 2                     |
| Cancer and other malignant tumors-----45-55                            | 22           | 12                         | 10                     | 10                | -  | -                     |
| Cancer of the digestive organs and peritoneum-----46                   | 13           | 8                          | 5                      | 5                 | -  | -                     |
| Cancer of female genital organs-----48,49                              | 1            | 1                          | -                      | -                 | -  | -                     |
| Cancer of the breast-----50  | 2            | -                          | 2                      | 2                 | -  | -                     |
| Cancer (other sites)-----45,47,51-55                                   | 6            | 3                          | 3                      | 3                 | -  | -                     |
| Diabetes mellitus-----61   | 4            | -                          | 4                      | 3                 | -  | 1                     |
| Pellagra (except alcoholic)-----69                                     | 1            | -                          | 1                      | 1                 | -  | -                     |
| Alcoholism (ethylian)-----77   | 1            | 1                          | -                      | -                 | -  | -                     |
| Intracranial lesions of vascular origin-----83                         | 21           | 7                          | 14                     | 10                | -  | 4                     |
| Diseases of the heart-----90-95  | 88           | 37                         | 51                     | 42                | -  | 9                     |
| Chronic rheumatic diseases of the heart-----90a,92b,c,93c,95b          | 6            | 2                          | 4                      | 4                 | -  | -                     |
| Diseases of coronary arteries and angina pectoris-----94               | 2            | 1                          | 1                      | 1                 | -  | -                     |
| Diseases of the heart (other forms)-----90b,91,92a,d,c,93a,b,d,e,95a,c | 80           | 34                         | 46                     | 37                | -  | 9                     |
| Arteriosclerosis and high blood pressure*-----97,102                   | 13           | 6                          | 7                      | 7                 | -  | -                     |
| Pneumonia (all forms) and influenza-----107-109,33                     | 29           | 11                         | 18                     | 18                | -  | 6                     |
| Bronchopneumonia-----107   | 15           | 6                          | 9                      | 9                 | -  | -                     |
| Lobar pneumonia-----108  | 13           | 4                          | 9                      | 9                 | -  | -                     |
| Influenza-----33   | 1            | 1                          | -                      | -                 | -  | -                     |
| Ulcer of stomach or duodenum-----117                                   | 3            | -                          | 3                      | 3                 | -  | -                     |
| Diarrhea, enteritis, etc.*-----119,120                                 | 24           | 5                          | 19                     | 19                | -  | -                     |
| Hernia and intestinal obstruction-----122                              | 1            | -                          | 1                      | 1                 | -  | -                     |
| Cirrhosis of the liver-----124   | 4            | 2                          | 2                      | 2                 | -  | -                     |
| Biliary calculi, etc.*-----126,127                                     | 1            | -                          | 1                      | 1                 | -  | -                     |
| Nephritis-----130-132  | 12           | 4                          | 8                      | 8                 | -  | -                     |
| Diseases of the prostate-----137                                       | 1            | 1                          | -                      | -                 | -  | -                     |
| Diseases of pregnancy, etc.*-----140-150                               | 2            | -                          | 2                      | 2                 | -  | -                     |
| Puerperal toxemia-----141a,c,144,148                                   | 1            | -                          | 1                      | 1                 | -  | -                     |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,149                 | 1            | -                          | 1                      | 1                 | -  | -                     |
| Congenital malformations-----157                                       | 2            | -                          | 2                      | 2                 | -  | -                     |
| Diseases peculiar to first year of life-----158-161                    | 30           | 5                          | 25                     | 25                | -  | -                     |
| Premature birth-----159  | 18           | 2                          | 16                     | 16                | -  | -                     |
| Other diseases peculiar to first year of life-----158,160,161          | 12           | 3                          | 9                      | 9                 | -  | -                     |
| Suicide-----163,164  | 1            | 1                          | -                      | -                 | -  | -                     |
| Homicide-----165-168   | 4            | 2                          | 2                      | 2                 | -  | -                     |
| Accidental deaths-----169-195  | 14           | 1                          | 13                     | 13                | -  | -                     |
| Motor-vehicle accidents-----170  | 1            | -                          | 1                      | 1                 | -  | -                     |
| Other accidents-----169,171-195  | 13           | 1                          | 12                     | 12                | -  | -                     |
| Senility, ill-defined and unknown causes-----162,199,200               | 19           | 7                          | 12                     | 9                 | -  | 3                     |
| All other causes-----  | 19           | 5                          | 14                     | 11                | 2  | 1                     |

\*Refer to International List for complete title, table IX.

TABLE 17.-DEATHS FROM SELECTED CAUSES: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH                                     | VIRGIN ISLANDS |           |          |            | CAUSE OF DEATH  | VIRGIN ISLANDS |           |          |            |
|--|----------------|-----------|----------|------------|---|----------------|-----------|----------|------------|
|  | Virgin Islands | St. Croix | St. John | St. Thomas |   | Virgin Islands | St. Croix | St. John | St. Thomas |
| ALL CAUSES-----                                    | 340            | 179       | 3        | 158        | Diseases of pregnancy, etc.*-----140-150                      | 2              | -         | -        | 2          |
| Tuberculosis (all forms)-----13-22                 | 10             | 2         | -        | 8          | Congenital malformations-----157                              | 2              | 2         | -        | -          |
| Syphilis-----30                                    | 14             | 5         | -        | 9          | Premature birth-----159                                       | 18             | 3         | -        | 15         |
| Cancer and other malignant tumors-----45-55        | 22             | 13        | -        | 9          | Other diseases peculiar to first year of life-----158,160,161 | 12             | 6         | -        | 6          |
| Diabetes mellitus-----61                           | 4              | 4         | -        | 7          | Suicide-----163,164   | 1              | -         | -        | 1          |
| Pellagra (except alcoholic)-----69                 | 1              | -         | -        | 1          | Homicide-----165-168  | 4              | 1         | -        | 3          |
| Intracranial lesions of vascular origin-----83     | 21             | 15        | -        | 6          | Motor-vehicle accidents-----170                               | 1              | 1         | -        | -          |
| Diseases of the heart-----90-95                    | 88             | 52        | 2        | 34         | Other accidents-----169,171-195                               | 13             | 3         | -        | 10         |
| Pneumonia (all forms) and influenza-----107-109,33 | 29             | 6         | -        | 23         | Senility, ill-defined and unknown causes-----162,199,200      | 19             | 19        | -        | -          |
| Diarrhea, enteritis, etc.*-----119,120             | 24             | 8         | -        | 16         | All other causes-----   | 43             | 34        | 1        | 6          |
| Nephritis-----130-132                              | 12             | 5         | -        | 7          |   |                |           |          |            |

\*Refer to International List for complete title, table IX.

## VITAL STATISTICS OF THE UNITED STATES

TABLE 18.—DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: VIRGIN ISLANDS, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH  | Total deaths under 1 year | Under 1 day | 1 day | 2 days | 3 to 5 days | 7 to 13 days | 14 to 20 days | 21 to 29 days | Under 1 month | 1 mo. | 2 mo. | 3 mo. | 4 mo. | 5 mo. | 6 mo. | 7 mo. | 8 mo. | 9 mo. | 10 mo. | 11 mo. |
|---|---------------------------|-------------|-------|--------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
|   |                           | 15          | 2     | 1      | 6           | 2            | 4             | 1             | 5             | 3     | 5     | 2     | 6     | 4     | 2     | 6     | 4     | 3     | 2      |        |
| ALL CAUSES-----                                       | 73                        | 15          | 2     | 1      | 6           | 2            | 4             | 1             | 51            | 5     | 3     | 5     | 2     | 6     | 4     | 2     | 6     | 4     | 3      | 2      |
| Diseases of the thymus gland-----64                   | 1                         | -           | -     | -      | -           | -            | 1             | -             | 1             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Pneumonia (all forms) and influenza-----107-109,35    | 16                        | -           | -     | -      | 1           | -            | -             | -             | 1             | -     | -     | 3     | 2     | 1     | 2     | 2     | 1     | 2     | 2      | -      |
| Bronchopneumonia, etc.*-----107                       | 10                        | -           | -     | -      | 1           | -            | -             | -             | 1             | -     | -     | 2     | 1     | 1     | 1     | 1     | 1     | 1     | 1      | -      |
| Lobar pneumonia-----108                               | 6                         | -           | -     | -      | -           | -            | -             | -             | -             | -     | -     | 1     | 1     | -     | 1     | 1     | -     | 1     | 1      | -      |
| Diarrhea, enteritis, etc.*-----119                    | 19                        | -           | -     | -      | 1           | -            | 2             | 1             | 4             | 2     | -     | 2     | -     | 2     | 2     | -     | 4     | 1     | -      | 2      |
| Nephritis-----130,131                                 | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Congenital malformations-----157                      | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -      |
| Diseases peculiar to first year of life-----158-161   | 30                        | 15          | 1     | 1      | 4           | 2            | 1             | -             | 24            | 2     | 1     | -     | -     | 1     | -     | -     | -     | 1     | 1      | -      |
| Congenital debility-----158                           | 4                         | -           | -     | -      | 1           | -            | -             | -             | 1             | -     | -     | -     | -     | 1     | -     | -     | -     | 1     | 1      | -      |
| Premature birth-----159                               | 18                        | 9           | 1     | -      | 2           | 2            | 1             | -             | 15            | 2     | 1     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Injury at birth-----160                               | 3                         | 2           | -     | 1      | -           | -            | -             | -             | 3             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Other diseases peculiar to first year of life-----161 | 5                         | 4           | -     | -      | 1           | -            | -             | -             | 5             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Aphyxia (cause not specified), atelectasis-----161a   | 4                         | 4           | -     | -      | -           | -            | -             | -             | 4             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Infection of the umbilicus, etc.*-----161b,c          | 1                         | -           | -     | -      | 1           | -            | -             | -             | 1             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Accidental deaths-----169-185                         | 4                         | -           | 1     | -      | -           | -            | -             | -             | 1             | 1     | -     | -     | -     | 1     | -     | -     | 1     | -     | -      | -      |
| Other accidental deaths-----169-181,183-185           | 4                         | -           | 1     | -      | -           | -            | -             | -             | 1             | 1     | -     | -     | -     | 1     | -     | -     | 1     | -     | -      | -      |
| Ill-defined and unknown causes-----199,200            | 1                         | -           | -     | -      | -           | -            | -             | -             | -             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |

\*Refer to International List for complete title, table IX.

TABLE 19.—INFANT MORTALITY RATES FOR SELECTED CAUSES: VIRGIN ISLANDS, 1931-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1938 revision)

| CAUSE OF DEATH  | 1948 | 1947 | 1946 | 1945  | 1944  | 1943 | 1942  | 1941  | 1940  | 1939  | 1938  | 1937  | 1936  | 1935  | 1934 | 1933  | 1932  | 1931  |
|---|------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| ALL CAUSES-----   | 89.4 | 89.0 | 91.6 | 124.0 | 101.0 | 83.6 | 101.2 | 112.2 | 136.2 | 101.7 | 132.3 | 124.1 | 105.4 | 170.7 | 97.4 | 157.4 | 133.6 | 119.2 |
| Cerebrospinal (meningococcus) meningitis-----6  | 0    | 0    | 0    | 0     | 0.9   | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0     | 0     | 0     |
| Whooping cough-----9  | 0    | 2.3  | 0    | 0     | 0     | 6.4  | 12.4  | 0     | 0     | 3.8   | 5.7   | 0     | 0     | 0     | 0    | 3.5   | 7.2   | 0     |
| Tetanus-----12  | 0    | 0    | 0    | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 1.4   | 1.5   | 0     | 1.5  | 1.7   | 0     | 0     |
| Tuberculosis of respiratory system, etc.*-----13  | 0    | 0    | 2.2  | 0     | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 4.1   | 0     | 1.5   | 1.5  | 0     | 0     | 2.1   |
| Dysentery-----27  | 0    | 0    | 0    | 0     | 0.9   | 0    | 0     | 0     | 0     | 0     | 0     | 1.4   | 0     | 0     | 0    | 1.7   | 0     | 0     |
| Syphilis-----30   | 0    | 1.1  | 2.2  | 1.0   | 0     | 1.1  | 3.4   | 0     | 6.6   | 3.8   | 7.1   | 8.3   | 7.5   | 9.1   | 1.5  | 3.5   | 1.8   | 6.3   |
| Measles-----35  | 0    | 0    | 0    | 1.0   | 0     | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 1.7   | 0     | 0     |
| Diseases of thymus gland-----64   | 1.2  | 0    | 0    | 0     | 0     | 0    | 1.1   | 0     | 2.6   | 0     | 1.4   | 1.4   | 0     | 0     | 0    | 0     | 0     | 0     |
| Anemias (except splenic anemia) <sup>1</sup> -----75                                    | 0    | 0    | 0    | 0     | 0     | 0    | 1.1   | 0     | 4.0   | 0     | 0     | 1.4   | 0     | 0     | 0    | 0     | 0     | 0     |
| Convulsions-----86  | 0    | 0    | 1.1  | 0     | 0     | 1.1  | 0     | 0     | 0     | 0     | 1.4   | 0     | 1.5   | 0     | 0    | 0     | 1.8   | 0     |
| Pneumonia (all forms)-----107-109   | 19.4 | 11.4 | 16.4 | 23.4  | 22.7  | 14.0 | 18.0  | 14.5  | 19.8  | 14.0  | 18.5  | 19.3  | 12.0  | 22.9  | 9.1  | 31.1  | 12.7  | 18.8  |
| Other diseases of the respiratory system <sup>2</sup> -----104-106,110-114              | 0    | 2.3  | 1.1  | 1.0   | 0.9   | 0    | 0     | 0     | 2.6   | 2.5   | 0     | 2.8   | 1.5   | 0     | 1.5  | 5.2   | 10.8  | 0     |
| Ulcer of stomach or duodenum <sup>3</sup> -----117                                      | 0    | 0    | 0    | 0     | 0     | 0    | 0     | 2.4   | 0     | 1.2   | 1.4   | 0     | 0     | 1.5   | 0    | 1.7   | 0     | 0     |
| Diarrhea, enteritis, etc.*-----119  | 23.0 | 26.3 | 26.2 | 48.8  | 29.3  | 26.9 | 31.5  | 37.4  | 46.9  | 29.2  | 46.9  | 30.3  | 40.7  | 83.8  | 28.9 | 45.0  | 27.1  | 39.7  |
| Intestinal obstruction-----122b   | 0    | 0    | 4.4  | 1.0   | 0.9   | 1.1  | 0     | 0     | 0     | 0     | 0     | 1.4   | 0     | 0     | 1.5  | 0     | 0     | 0     |
| Congenital malformations-----157  | 1.2  | 3.4  | 1.1  | 3.0   | 3.8   | 5.4  | 2.2   | 7.2   | 2.6   | 2.5   | 1.4   | 8.3   | 6.0   | 6.1   | 4.6  | 10.4  | 5.4   | 0     |
| Premature birth-----159   | 21.8 | 24.0 | 15.1 | 19.3  | 21.7  | 14.0 | 18.0  | 29.0  | 22.5  | 17.8  | 21.3  | 23.4  | 15.1  | 19.8  | 24.4 | 24.2  | 29.9  | 16.8  |
| Injury at birth-----160   | 3.6  | 0    | 0    | 0     | 0.9   | 2.1  | 0     | 0     | 1.3   | 2.5   | 5.7   | 4.1   | 4.5   | 1.5   | 1.5  | 3.5   | 1.8   | 2.1   |
| Congenital debility and other diseases peculiar to first year <sup>4</sup> -----158,161 | 10.9 | 13.7 | 12.0 | 18.3  | 11.3  | 8.6  | 12.4  | 8.4   | 18.5  | 16.5  | 14.2  | 12.4  | 10.5  | 15.2  | 10.7 | 10.4  | 18.1  | 18.8  |
| Other violence or accident-----166-181,183-195  | 4.8  | 0    | 3.3  | 1.0   | 3.8   | 0    | 0     | 2.4   | 1.3   | 0     | 0     | 0     | 0     | 0     | 3.0  | 3.5   | 0     | 2.1   |
| Ill-defined and unknown causes-----199,200  | 1.2  | 1.1  | 2.2  | 3.0   | 0.9   | 0    | 0     | 0     | 0     | 1.3   | 2.8   | 4.1   | 1.5   | 1.5   | 1.5  | 1.7   | 9.0   | 6.4   |
| All other causes-----   | 1.2  | 3.4  | 6.6  | 3.0   | 2.8   | 3.2  | 1.1   | 10.9  | 5.3   | 6.4   | 4.3   | 0     | 3.0   | 7.6   | 6.1  | 6.7   | 9.0   | 2.1   |

\*Refer to International List for complete title, table IX.

<sup>1</sup>Includes splenic anemia previous to 1940.<sup>2</sup>Previous to 1939, rates are for bronchitis only.<sup>3</sup>Previous to 1943, included other diseases of the stomach (except cancer).<sup>4</sup>Previous to 1939, included deaths under 3 months only.

## ALASKA

**TABLE 1.—LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: ALASKA AND ITS SUBDIVISIONS, AND BY SEX, ALASKA, 1948**  
(By place of occurrence. Deaths exclusive of stillbirths)

| AREA<br>(SEX FOR ALASKA ONLY) | Live births | Deaths (all ages) | Deaths under 1 year | Stillbirths <sup>1</sup> |
|-------------------------------|-------------|-------------------|---------------------|--------------------------|
| ALASKA-----                   | 3,079       | 1,197             | 145                 | 33                       |
| Male-----                     | 1,620       | 845               | 76                  | 13                       |
| Female-----                   | 1,459       | 352               | 69                  | 20                       |
| First Judicial Division-----  | 678         | 323               | 20                  | 11                       |
| Second Judicial Division----- | 428         | 186               | 33                  | 5                        |
| Third Judicial Division-----  | 1,310       | 383               | 44                  | 12                       |
| Fourth Judicial Division----- | 663         | 305               | 48                  | 7                        |

<sup>1</sup>Includes only stillbirths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

**TABLE 2.—LIVE BIRTHS BY RACE: ALASKA AND ITS SUBDIVISIONS, 1948**  
(By place of occurrence)

| AREA                          | Total births | White | Native | All other |
|-------------------------------|--------------|-------|--------|-----------|
| ALASKA-----                   | 3,079        | 1,906 | 1,155  | 18        |
| First Judicial Division-----  | 678          | 392   | 279    | 7         |
| Second Judicial Division----- | 428          | 29    | 396    | 3         |
| Third Judicial Division-----  | 1,310        | 1,088 | 215    | 7         |
| Fourth Judicial Division----- | 663          | 397   | 265    | 1         |

**TABLE 3.—LIVE BIRTHS BY SEX AND MONTH: ALASKA, 1948**

| SEX         | Total births | January | February | March | April | May | June | July | August | September | October | November | December |
|-------------|--------------|---------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|
| TOTAL-----  | 3,079        | 239     | 257      | 222   | 250   | 240 | 238  | 272  | 289    | 285       | 301     | 264      | 262      |
| Male-----   | 1,620        | 129     | 125      | 116   | 134   | 126 | 120  | 142  | 141    | 149       | 164     | 123      | 145      |
| Female----- | 1,459        | 110     | 112      | 106   | 116   | 114 | 118  | 130  | 148    | 116       | 137     | 135      | 117      |

**TABLE 4.—NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: ALASKA AND ITS SUBDIVISIONS, AND BY RACE, ALASKA, 1948**  
(By place of occurrence)

| AREA<br>(RACE FOR ALASKA ONLY) | Total births | NUMBER ATTENDED BY--               |                           |         |                         | Total percent | PERCENT ATTENDED BY--              |                           |         |                         |
|--------------------------------|--------------|------------------------------------|---------------------------|---------|-------------------------|---------------|------------------------------------|---------------------------|---------|-------------------------|
|                                |              | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |               | Physician in hospital <sup>1</sup> | Physician not in hospital | Midwife | Other and not specified |
| ALASKA-----                    | 3,079        | 2,401                              | 39                        | 380     | 260                     | 100.0         | 78.0                               | 1.2                       | 12.3    | 8.4                     |
| White-----                     | 1,906        | 1,865                              | 22                        | 8       | 11                      | 100.0         | 97.8                               | 1.2                       | 0.4     | 0.6                     |
| Native-----                    | 1,155        | 524                                | 15                        | 369     | 247                     | 100.0         | 45.4                               | 1.3                       | 31.9    | 21.4                    |
| All other-----                 | 18           | 12                                 | 1                         | 3       | 2                       | 100.0         | 66.7                               | 5.6                       | 16.7    | 11.1                    |
| First Judicial Division-----   | 678          | 588                                | 19                        | 32      | 39                      | 100.0         | 86.7                               | 2.8                       | 4.7     | 5.8                     |
| Second Judicial Division-----  | 428          | 105                                | 3                         | 227     | 95                      | 100.0         | 24.5                               | 0.7                       | 53.0    | 21.7                    |
| Third Judicial Division-----   | 1,310        | 1,200                              | 11                        | 64      | 35                      | 100.0         | 91.6                               | 0.8                       | 4.9     | 2.7                     |
| Fourth Judicial Division-----  | 663          | 508                                | 5                         | 57      | 93                      | 100.0         | 76.6                               | 0.8                       | 8.6     | 14.0                    |

<sup>1</sup>It is assumed that all births in hospitals or institutions are attended by physicians.

**TABLE 5.—LIVE BIRTHS BY RACE AND AGE OF MOTHER: ALASKA, 1948**

| RACE           | Total births | AGE OF MOTHER |             |             |             |             |             |             |             |                   |            |
|----------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|
|                |              | 10-14 years   | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years | 50 years and over | Not stated |
| ALL RACES----- | 3,079        | 1             | 283         | 978         | 947         | 515         | 273         | 69          | 5           | 1                 | 9          |
| White-----     | 1,906        | -             | 130         | 602         | 655         | 347         | 140         | 31          | 1           | -                 | -          |
| Native-----    | 1,155        | 1             | 152         | 372         | 284         | 164         | 131         | 38          | 4           | 1                 | 8          |
| All other----- | 18           | -             | 1           | 4           | 8           | 2           | 2           | -           | -           | -                 | 1          |

## VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: ALASKA, 1948

(Birth order refers to number of children born alive to mother)

| BIRTH ORDER                    | Total births | AGE OF MOTHER |             |             |             |             |             |             |             |                   |            |
|--------------------------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------|
|                                |              | 10-14 years   | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years | 50 years and over | Not stated |
| TOTAL-----                     | 3,079        | 1             | 283         | 978         | 947         | 513         | 273         | 69          | 5           | 1                 | 9          |
| First child-----               | 998          | 1             | 210         | 407         | 232         | 107         | 31          | 9           | -           | -                 | 1          |
| Second child-----              | 833          | -             | 80          | 322         | 275         | 119         | 45          | 11          | -           | -                 | 1          |
| Third child-----               | 471          | -             | 11          | 143         | 189         | 85          | 36          | 4           | 1           | -                 | 2          |
| Fourth child-----              | 239          | -             | 1           | 55          | 91          | 53          | 32          | 7           | -           | -                 | -          |
| Fifth child-----               | 139          | -             | 1           | 20          | 83          | 37          | 14          | 3           | -           | -                 | 1          |
| Sixth child-----               | 105          | -             | -           | 14          | 47          | 26          | 12          | 2           | 1           | -                 | 3          |
| Seventh child-----             | 70           | -             | -           | 1           | 27          | 29          | 13          | -           | -           | -                 | -          |
| Eighth child-----              | 49           | -             | -           | -           | 7           | 22          | 18          | 2           | -           | -                 | -          |
| Ninth child-----               | 47           | -             | -           | -           | 3           | 19          | 18          | 6           | -           | 1                 | -          |
| Tenth child-----               | 23           | -             | -           | -           | 1           | 6           | 12          | 4           | -           | -                 | -          |
| Eleventh child-----            | 24           | -             | -           | -           | 1           | 5           | 11          | 6           | 1           | -                 | -          |
| Twelfth child-----             | 19           | -             | -           | -           | -           | 1           | 10          | 7           | 1           | -                 | -          |
| Thirteenth child and over----- | 19           | -             | -           | -           | -           | 1           | 10          | 7           | 1           | -                 | -          |
| Not stated-----                | 43           | -             | -           | 16          | 11          | 3           | 11          | 1           | -           | -                 | 1          |

TABLE 7.—LIVE BIRTHS BY RACE AND BIRTH ORDER: ALASKA, 1948

(Birth order refers to number of children born alive to mother)

| RACE           | Total births | BIRTH ORDER |     |     |     |     |     |     |     |     |      |      |      |               |            |
|----------------|--------------|-------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|---------------|------------|
|                |              | 1st         | 2d  | 3d  | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 15th and over | Not stated |
| ALL RACES----- | 3,079        | 998         | 833 | 471 | 239 | 139 | 105 | 70  | 49  | 47  | 23   | 24   | 19   | 19            | 43         |
| White-----     | 1,906        | 770         | 635 | 288 | 133 | 34  | 14  | 5   | 1   | 2   | 1    | 1    | -    | -             | 24         |
| Native-----    | 1,155        | 224         | 193 | 101 | 105 | 104 | 91  | 64  | 47  | 45  | 22   | 23   | 19   | 19            | 18         |
| All other----- | 18           | 4           | 7   | 2   | 1   | 1   | -   | 1   | 1   | -   | -    | -    | -    | -             | 1          |

TABLE 8.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: ALASKA, 1948

(Exclusive of stillbirths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

| RACE           | Total births | Total cases (single and plural) | Cases of single births | CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE |       |
|----------------|--------------|---------------------------------|------------------------|---|-------|
|                |              |                                 |                        | Total   | Twins |
| ALL RACES----- | 3,079        | 3,051                           | 3,021                  | 30  | 30    |
| White-----     | 1,906        | 1,886                           | 1,864                  | 22  | 22    |
| Native-----    | 1,155        | 1,147                           | 1,139                  | 8   | 8     |
| All other----- | 18           | 18                              | 18                     | -   | -     |

TABLE 9.—MARRIAGES AND DIVORCES: ALASKA, 1946-48

| YEAR      | Number of marriages | Number of divorces |
|-----------|---------------------|--------------------|
| 1948----- | 1,587               | 350                |
| 1947----- | 1,499               | 354                |
| 1946----- | 1,519               | 385                |

TABLE 10.—DEATHS BY RACE: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths)

| AREA                          | Total deaths | White | Native | All other |
|-------------------------------|--------------|-------|--------|-----------|
| ALASKA-----                   | 1,197        | 871   | 505    | 23        |
| First Judicial Division-----  | 323          | 222   | 93     | 8         |
| Second Judicial Division----- | 186          | 21    | 163    | 2         |
| Third Judicial Division-----  | 383          | 296   | 76     | 11        |
| Fourth Judicial Division----- | 305          | 132   | 171    | 2         |



## VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH  | Total Deaths | White | Native | All other |
|---------------|---|--------------|-------|--------|-----------|
|               | ALL CAUSES-----   | 1,197        | 671   | 503    | 23        |
|               | I.—Infectious and parasitic diseases-----                 | 282          | 35    | 240    | 7         |
| 9             | Whooping cough-----                                       | 23           | -     | 23     | -         |
| 10            | Diphtheria (infection by <i>C. diphtheriae</i> )-----     | 1            | 1     | -      | -         |
| 13-22         | Tuberculosis (all forms)-----                             | 244          | 24    | 213    | 7         |
| 13            | Tuberculosis of respiratory system, etc.*-----            | 199          | 17    | 176    | 6         |
| 14            | Tuberculosis of meninges, etc.*-----                      | 30           | 3     | 27     | -         |
| 15            | Tuberculosis of intestines and peritoneum-----            | 2            | -     | 2      | -         |
| 16            | Tuberculosis of vertebral column-----                     | 3            | 1     | 2      | -         |
| 17            | Tuberculosis of bones and joints, etc.*-----              | 1            | 1     | -      | -         |
| 20            | Tuberculosis of genito-urinary system-----                | 2            | 1     | 1      | -         |
| 21            | Tuberculosis of other organs-----                         | 1            | -     | 1      | -         |
| 22            | Disseminated tuberculosis-----                            | 6            | 1     | 4      | 1         |
| 24            | Septicemia and purulent infection (nonpuerperal)-----     | 1            | 1     | -      | -         |
| 25            | Gonococcus infection-----                                 | 1            | -     | 1      | -         |
| 30            | Syphilis (all forms)-----                                 | 3            | 3     | -      | -         |
| 30d           | Aneurysm of aorta-----                                    | 3            | 3     | -      | -         |
| 33            | Influenza-----  | 9            | 6     | 3      | -         |
|               | II.—Cancer and other tumors-----                          | 54           | 40    | 14     | -         |
| 45-55         | Cancer and other malignant tumors-----                    | 52           | 40    | 12     | -         |
| 45            | Cancer of buccal cavity and pharynx-----                  | 1            | 1     | -      | -         |
| 45b           | Cancer of tongue-----                                     | 1            | 1     | -      | -         |
| 46            | Cancer of digestive organs and peritoneum-----            | 27           | 21    | 6      | -         |
| 46a           | Cancer of esophagus-----                                  | 1            | 1     | -      | -         |
| 46b           | Cancer of stomach-----                                    | 14           | 13    | 1      | -         |
| 46d           | Cancer of rectum and anus-----                            | 4            | 3     | 1      | -         |
| 46e           | Cancer of intestines, etc.*-----                          | 1            | -     | 1      | -         |
| 46f           | Cancer of liver and biliary passages-----                 | 3            | 2     | 1      | -         |
| 46g           | Cancer of pancreas-----                                   | 4            | 2     | 2      | -         |
| 48            | Cancer of uterus-----                                     | 5            | 1     | 4      | -         |
| 48a           | Cancer of cervix-----                                     | 3            | 1     | 2      | -         |
| 48b           | Cancer of other and unspecified sites of uterus-----      | 2            | -     | 2      | -         |
| 50            | Cancer of breast-----                                     | 2            | 1     | 1      | -         |
| 51            | Cancer of male genital organs-----                        | 7            | 7     | -      | -         |
| 51b           | Cancer of prostate-----                                   | 6            | 6     | -      | -         |
| 51a,c-e       | Cancer of other male genital organs-----                  | 1            | 1     | -      | -         |
| 52            | Cancer of urinary organs-----                             | 2            | 2     | -      | -         |
| 52b           | Cancer of bladder-----                                    | 2            | 2     | -      | -         |
| 55            | Cancer of other and unspecified organs-----               | 8            | 7     | 1      | -         |
| 56,57         | Nonmalignant tumors and tumors of unspecified nature----- | 2            | -     | 2      | -         |
| 57            | Tumors of unspecified nature-----                         | 2            | -     | 2      | -         |
| 57d           | Tumors, central nervous system* (nature unspecified)----- | 1            | -     | 1      | -         |
| 57e           | Tumors, other organs (nature unspecified)-----            | 1            | -     | 1      | -         |
|               | III.—Rheumatism, diseases of nutrition, etc.*-----        | 10           | 7     | 3      | -         |
| 58            | Acute rheumatic fever-----                                | 2            | -     | 2      | -         |
| 59e,f         | Other forms of acute rheumatic fever, etc.*-----          | 2            | -     | 2      | -         |
| 61            | Diabetes mellitus-----                                    | 6            | 6     | -      | -         |
| 65            | Diseases of adrenal glands*-----                          | 1            | 1     | -      | -         |
| 70            | Rickets-----  | 1            | -     | 1      | -         |
|               | IV.—Diseases of the blood and blood-forming organs-----   | 2            | 2     | -      | -         |
| 73            | Anemias (except splenic anemia)-----                      | 1            | 1     | -      | -         |
| 73b-d         | Other anemias (except splenic)-----                       | 1            | 1     | -      | -         |
| 74            | Leukemias and leukomias-----                              | 1            | 1     | -      | -         |
| 74a           | Leukemias-----  | 1            | 1     | -      | -         |
|               | V.—Chronic poisoning and intoxication-----                | 15           | 9     | 5      | 1         |
| 77            | Alcoholism (ethylism)-----                                | 15           | 9     | 5      | 1         |
|               | VI.—Diseases of the nervous system, etc.*-----            | 59           | 43    | 16     | -         |
| 81            | Meningitis (not due to meningococcus)-----                | 8            | 2     | 6      | -         |
| 83            | Intracranial lesions of vascular origin-----              | 42           | 37    | 5      | -         |
| 83a           | Cerebral hemorrhage or effusion*-----                     | 37           | 32    | 5      | -         |
| 83b,c         | Cerebral embolism, thrombosis, and softening-----         | 4            | 4     | -      | -         |
| 83d           | Hemiplegia, other paralysis, etc.*-----                   | 1            | 1     | -      | -         |
| 84            | Mental diseases and deficiency (see exception)*-----      | 1            | -     | 1      | -         |
| 85            | Epilepsy-----   | 1            | -     | 1      | -         |
| 86            | Convulsions (under 5 years)-----                          | 3            | 1     | 2      | -         |
| 87            | Other diseases of nervous system-----                     | 3            | 2     | 1      | -         |
| 89            | Diseases of ear and mastoid process-----                  | 1            | 1     | -      | -         |
|               | VII.—Diseases of the circulatory system-----              | 189          | 167   | 19     | 3         |
| 90-95         | Diseases of the heart (all forms)-----                    | 178          | 157   | 18     | 3         |
| 91            | Acute endocarditis (except rheumatic)-----                | 1            | -     | 1      | -         |
| 91a,b         | Bacterial, acute, and subacute endocarditis-----          | 1            | -     | 1      | -         |
| 92            | Chronic affections of valves and endocardium-----         | 13           | 12    | 1      | -         |
| 92a           | Diseases of aortic valve, etc.*-----                      | 1            | -     | 1      | -         |
| 92b           | Diseases of mitral valve, etc.*-----                      | 3            | 3     | -      | -         |
| 92d           | Other chronic endocarditis, etc.*-----                    | 9            | 9     | -      | -         |
| 93            | Diseases of the myocardium-----                           | 65           | 57    | 7      | 1         |
| 93a           | Acute myocarditis (except rheumatic)-----                 | 2            | 2     | -      | -         |
| 93c           | Chronic rheumatic myocarditis, etc.*-----                 | 1            | 1     | -      | -         |
| 93d           | Other chronic myocarditis, etc.*-----                     | 59           | 51    | 7      | 1         |
| 93e           | Other myocarditis (unspecified)-----                      | 3            | 5     | -      | -         |
| 94            | Diseases of coronary arteries, angina pectoris-----       | 76           | 71    | 4      | 1         |
| 94a           | Diseases of coronary arteries-----                        | 75           | 70    | 4      | 1         |
| 94b           | Angina pectoris-----                                      | 1            | 1     | -      | -         |
| 95            | Other diseases of heart-----                              | 23           | 17    | 5      | 1         |
| 95b           | Other diseases of heart (rheumatic)-----                  | 2            | 2     | -      | -         |
| 95c           | Other diseases of heart (not rheumatic)-----              | 21           | 15    | 5      | 1         |

\*Refer to International List for complete title, table IX.

TABLE 13.—DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948—Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

| Int. List No.  | CAUSE OF DEATH  | Total deaths | White | Native | All other |
|--|---|--------------|-------|--------|-----------|
| VII.—Diseases of the circulatory system—Continued              |   |              |       |        |           |
| 96   | Aneurysm (except of heart and aorta)-----                               | 1            | 1     | -      | -         |
| 97   | Arteriosclerosis (except coronary or renal sclerosis)-----              | 8            | 8     | -      | -         |
| 103  | Other diseases of circulatory system-----                               | 2            | 1     | 1      | -         |
| VIII.—Diseases of the respiratory system-----                  |   |              |       |        |           |
|  |   | 75           | 30    | 45     | -         |
| 104  | Diseases of nasal fossae, accessory sinuses-----                        | 6            | 1     | 5      | -         |
| 106  | Bronchitis-----   | 2            | 1     | 1      | -         |
| 107  | Bronchopneumonia (including capillary bronchitis)-----                  | 15           | 10    | 5      | -         |
| 108  | Lobar pneumonia-----  | 11           | 7     | 4      | -         |
| 109  | Pneumonia (unspecified)-----  | 51           | 3     | 28     | -         |
| 109A   | Atypical or virus pneumonia-----  | 1            | 1     | -      | -         |
| 109B   | Pneumonia (all other, unspecified)-----                                 | 30           | 2     | 28     | -         |
| 110  | Pleurisy (not tuberculous)-----   | 1            | 1     | -      | -         |
| 111  | Hemorrhagic infarction, thrombosis, edema*-----                         | 4            | 3     | 1      | -         |
| 112  | Asthma-----   | 2            | 2     | -      | -         |
| 114  | Other diseases of respiratory system (except tuberculosis)-----         | 3            | 2     | 1      | -         |
| 114a,b   | Silicosis, other forms of pneumoconioses-----                           | 1            | 1     | -      | -         |
| 114c-e   | Other diseases of respiratory system (except tuberculosis)-----         | 2            | 1     | 1      | -         |
| IX.—Diseases of the digestive system-----                      |   |              |       |        |           |
|  |   | 43           | 22    | 21     | -         |
| 115  | Diseases of buccal cavity and adnexa, etc.*-----                        | 1            | -     | 1      | -         |
| 117  | Ulcer of stomach or duodenum-----                                       | 2            | 1     | 1      | -         |
| 117a   | Ulcer of stomach-----   | 2            | 1     | 1      | -         |
| 118  | Other diseases of stomach (except cancer)-----                          | 2            | 2     | -      | -         |
| 119  | Diarrhea, enteritis, etc.* (under 2 years)-----                         | 6            | -     | 6      | -         |
| 120  | Diarrhea, enteritis, etc.* (2 years and over)-----                      | 2            | -     | 2      | -         |
| 121  | Appendicitis-----   | 6            | 4     | 2      | -         |
| 122  | Hernia and intestinal obstruction-----                                  | 6            | 2     | 4      | -         |
| 122a   | Hernia-----   | 1            | -     | 1      | -         |
| 122b   | Intestinal obstruction-----   | 5            | 2     | 3      | -         |
| 123  | Other diseases of intestines-----                                       | 1            | -     | 1      | -         |
| 124  | Cirrhosis of liver-----   | 11           | 8     | 3      | -         |
| 124a   | Cirrhosis of liver with mention of alcoholism-----                      | 5            | 3     | 2      | -         |
| 124b   | Cirrhosis of liver without mention of alcoholism-----                   | 6            | 5     | 1      | -         |
| 125  | Other diseases of liver-----  | 4            | 3     | 1      | -         |
| 127  | Other diseases of gallbladder, biliary ducts-----                       | 1            | 1     | -      | -         |
| 128  | Diseases of pancreas (except diabetes mellitus)-----                    | 1            | 1     | -      | -         |
| X.—Diseases of the genito-urinary system-----                  |   |              |       |        |           |
|  |   | 24           | 20    | 4      | -         |
| 130  | Acute nephritis-----  | 4            | 4     | -      | -         |
| 131  | Chronic nephritis-----  | 9            | 8     | 1      | -         |
| 131a   | Arteriosclerotic kidney-----  | 9            | 8     | 1      | -         |
| 132  | Nephritis unspecified (10 years and over)-----                          | 6            | 5     | 1      | -         |
| 135  | Diseases of urinary bladder-----  | 1            | 1     | -      | -         |
| 137  | Diseases of prostate-----   | 2            | 2     | -      | -         |
| 137a   | Hypertrophy of prostate-----  | 2            | 2     | -      | -         |
| 139  | Diseases of female genital organs-----                                  | 2            | -     | 2      | -         |
| 139a   | Diseases of ovaries, fallopian tubes, parametria-----                   | 1            | -     | 1      | -         |
| 139b   | Diseases of uterus-----   | 1            | -     | 1      | -         |
| XI.—Diseases of pregnancy, childbirth, and the puerperium----- |   |              |       |        |           |
|  |   | 8            | 1     | 7      | -         |
| 142  | Ectopic gestation-----  | 1            | -     | 1      | -         |
| 142b   | Ectopic gestation, without mention of infection-----                    | 1            | -     | 1      | -         |
| 145  | Other diseases of pregnancy (death before delivery)-----                | 1            | 1     | -      | -         |
| 145A   | With mention of infection-----  | 1            | 1     | -      | -         |
| 146  | Hemorrhage of childbirth and puerperium-----                            | 3            | -     | 3      | -         |
| 147  | Infection during childbirth and puerperium-----                         | 2            | -     | 2      | -         |
| 150  | Other and unspecified conditions of childbirth and puerperium-----      | 1            | -     | 1      | -         |
| XII.—Diseases of the skin and cellular tissue-----             |   |              |       |        |           |
|  |   | 1            | 1     | -      | -         |
| 153  | Other diseases of skin and cellular tissue-----                         | 1            | 1     | -      | -         |
| XIII.—Congenital malformations-----                            |   |              |       |        |           |
|  |   | 10           | 7     | 2      | 1         |
| 157a-d   | Congenital malformations of central nervous system-----                 | 5            | 4     | -      | 1         |
| 157e,f   | Congenital malformations of cardiovascular system-----                  | 3            | 2     | 1      | -         |
| 157g,h,m   | Other congenital malformations-----                                     | 2            | 1     | 1      | -         |
| XIV.—Diseases peculiar to the first year of life-----          |   |              |       |        |           |
|  |   | 61           | 36    | 25     | -         |
| 158  | Congenital debility (cause not stated)-----                             | 6            | 1     | 5      | -         |
| 159  | Premature birth (cause not stated)-----                                 | 41           | 28    | 13     | -         |
| 160  | Injury at birth-----  | 5            | 4     | 1      | -         |
| 161  | Other diseases peculiar to first year of life-----                      | 9            | 3     | 6      | -         |
| 162  | XVI.—Sensility-----   | 57           | 17    | 20     | -         |
| XVII.—Violent or accidental deaths-----                        |   |              |       |        |           |
|  |   | 279          | 211   | 58     | 10        |
| 163,164  | Suicide-----  | 52           | 28    | 3      | 1         |
| 163  | Suicide by poisoning-----   | 5            | 5     | -      | -         |
| 164  | Suicide by other means-----   | 27           | 23    | 3      | 1         |
| 165-168  | Homicide-----   | 10           | 7     | 2      | 1         |
| 166  | Homicide by firearms-----   | 7            | 6     | 1      | 1         |
| 168  | Homicide by other means-----  | 3            | 1     | 2      | -         |
| 169-195  | Accidental deaths-----  | 256          | 176   | 53     | 7         |
| 170  | Motor-vehicle accidents-----  | 16           | 11    | 3      | 1         |
| 170c   | Automobile accidents (except collisions with trains or streetcars)----- | 15           | 11    | 3      | 1         |
| 172  | Water-transport accidents-----  | 18           | 7     | 10     | 1         |
| 173  | Air-transport accidents-----  | 68           | 68    | -      | -         |
| 174  | Accidents in mines and quarries-----                                    | 1            | 1     | -      | -         |
| 175  | Agricultural and forestry accidents-----                                | 4            | 4     | -      | -         |
| 175a,p   | Forestry accidents-----   | 4            | 4     | -      | -         |

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TABLE 13.-DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1948 -Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown.)

| Int. List No.                                | CAUSE OF DEATH   | Total deaths | White | Native | All other |
|--|--|--------------|-------|--------|-----------|
| XVII.-Violent or accidental deaths-Continued |  |              |       |        |           |
| 176  | Accidental deaths-Continued                            |              |       |        |           |
|  | Other accidents involving machinery                    | 3            | 2     | 1      | -         |
| 177  | Food poisoning   | 3            | -     | 3      | -         |
| 178  | Accidental absorption of poisonous gas                 | 4            | 4     | -      | -         |
| 179  | Acute accidental poisoning by solids or liquids        | 3            | 1     | 2      | -         |
| 180  | Conflagration  | 3            | 1     | 2      | -         |
| 181  | Accidental burns (except conflagration)                | 17           | 9     | 8      | -         |
| 182  | Accidental mechanical suffocation                      | 4            | 2     | 2      | -         |
| 183  | Accidental drowning                                    | 36           | 25    | 12     | 1         |
| 184  | Accidental injury by firearms                          | 16           | 11    | 3      | 2         |
| 186  | Accidental injury by fall or crushing                  | 13           | 9     | 3      | 1         |
| 186a   | Accidental injury by fall                              | 12           | 9     | 2      | 1         |
| 186b   | Accidental injury by crushing                          | 1            | -     | 1      | -         |
| 187  | Cataclysm, etc.*                                       | 1            | -     | 1      | -         |
| 188  | Injury by animals (except in agriculture and forestry) | 1            | -     | 1      | -         |
| 190  | Excessive cold   | 4            | 4     | -      | -         |
| 193  | Accidents due to electric currents (except lightning)  | 2            | 1     | 1      | -         |
| 195  | Other accidents  | 18           | 16    | 1      | 1         |
| 195d   | Obstruction, suffocation, etc.*                        | 2            | 2     | -      | -         |
| 195c,e                                       | Other and unspecified accidents                        | 16           | 14    | 1      | 1         |
| 198  | Legal executions                                       | 1            | -     | -      | 1         |
| XVIII.-Ill-defined and unknown causes        |  | 48           | 23    | 24     | 1         |
| 199  | Sudden death   | 2            | 1     | 1      | -         |
| 200  | Ill-defined and unknown causes                         | 46           | 22    | 23     | 1         |
| 200a   | Ill-defined causes                                     | 27           | 20    | 6      | 1         |
| 200b,c                                       | Unknown or unspecified causes                          | 19           | 2     | 17     | -         |

\*Refer to International List for complete title, table IX.

TABLE 14.-DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown.)

| CAUSE OF DEATH<br>(SEX FOR ALL CAUSES ONLY)       | Total deaths                   | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---|--------------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| ALL CAUSES  | 1,197                          | 105  | 89   | 143  | 92   | 114 | 102  | 91   | 91   | 101   | 92   | 81   | 96   |
| Male  | 845                            | 64   | 61   | 104  | 61   | 82  | 69   | 83   | 83   | 75    | 66   | 63   | 74   |
| Female  | 352                            | 41   | 28   | 39   | 31   | 32  | 33   | 28   | 28   | 26    | 26   | 18   | 22   |
| Whooping cough                                    | 9                              | 1    | -    | -    | 4    | 10  | 2    | 3    | 1    | -     | 1    | -    | -    |
| Diphtheria  | 10                             | 1    | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Tuberculosis (all forms)                          | 13-22                          | 244  | 27   | 19   | 32   | 25  | 16   | 20   | 17   | 16    | 24   | 19   | 19   |
| Tuberculosis of respiratory system, etc.*         | 13                             | 199  | 21   | 16   | 23   | 19  | 15   | 15   | 14   | 20    | 17   | 8    | 16   |
| Tuberculosis (other forms)                        | 14-22                          | 45   | 6    | 3    | 9    | 6   | 1    | 5    | 2    | 4     | 1    | 3    | 3    |
| Syphilis  | 30                             | 3    | -    | -    | 1    | -   | -    | -    | -    | 1     | -    | 1    | -    |
| Cancer and other malignant tumors                 | 45-55                          | 52   | 6    | 1    | 7    | 4   | 4    | 6    | 4    | 2     | 5    | 3    | 4    |
| Cancer of the digestive organs and peritoneum     | 46                             | 27   | 3    | -    | 3    | 3   | 2    | 4    | 1    | -     | 3    | 2    | 4    |
| Cancer of female genital organs                   | 48;49                          | 5    | -    | 1    | 2    | -   | -    | -    | -    | 1     | -    | -    | -    |
| Cancer of the breast                              | 50                             | 2    | -    | -    | -    | 1   | -    | -    | -    | 1     | 1    | 2    | -    |
| Cancer (other sites)                              | 45,47,51-55                    | 18   | 3    | -    | 2    | 1   | 1    | 2    | 3    | 2     | 1    | 2    | -    |
| Acute rheumatic fever                             | 58                             | 2    | -    | -    | -    | 1   | 1    | -    | -    | -     | -    | -    | -    |
| Diabetes mellitus                                 | 61                             | 6    | 1    | -    | 1    | 1   | -    | 1    | -    | 1     | 1    | -    | -    |
| Alcoholism (ethyliam)                             | 77                             | 15   | 1    | 4    | -    | 1   | -    | 1    | 1    | 1     | 2    | 2    | 2    |
| Intracranial lesions of vascular origin           | 83                             | 42   | 2    | 2    | 8    | 4   | 3    | 3    | 6    | 2     | 4    | 3    | 4    |
| Diseases of the heart                             | 90-95                          | 178  | 16   | 13   | 6    | 13  | 20   | 17   | 12   | 17    | 16   | 10   | 19   |
| Chronic rheumatic diseases of the heart           | 90a,92b,c,93c,95b              | 6    | -    | -    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Diseases of coronary arteries and angina pectoris | 94                             | 76   | 8    | 4    | 4    | 7   | 5    | 5    | 12   | 6     | 9    | 5    | 6    |
| Diseases of the heart (other forms)               | 90b,91,92a,d,e,93a,b,d,e,95a,c | 96   | 10   | 9    | 2    | 6   | 15   | 8    | 7    | 5     | 10   | 8    | 11   |
| Arteriosclerosis and high blood pressure*         | 97,102                         | 8    | -    | 1    | 2    | -   | 1    | -    | -    | -     | -    | 1    | 1    |
| Pneumonia (all forms) and influenza               | 107-109,35                     | 66   | 5    | 9    | 7    | 9   | 5    | 3    | 4    | 5     | 4    | 3    | 8    |
| Bronchopneumonia                                  | 107                            | 15   | 2    | 2    | 1    | 1   | -    | 1    | 2    | 2     | 1    | -    | 2    |
| Lobar pneumonia                                   | 108                            | 11   | -    | 2    | 1    | -   | -    | 1    | -    | -     | 2    | -    | 3    |
| Pneumonia (unspecified)                           | 109                            | 31   | 3    | 3    | 5    | 3   | 4    | 1    | 1    | 3     | 1    | 3    | 3    |
| Influenza   | 33                             | 2    | -    | -    | -    | 5   | -    | -    | 2    | -     | -    | -    | -    |
| Ulcer of stomach or duodenum                      | 117                            | 9    | -    | -    | -    | -   | 1    | -    | 1    | -     | -    | -    | -    |
| Diarrhea, enteritis, etc.*                        | 119,120                        | 8    | -    | -    | -    | 1   | -    | -    | 2    | 4     | -    | 1    | -    |
| Appendicitis                                      | 121                            | 6    | 1    | -    | 2    | -   | -    | -    | -    | -     | -    | -    | -    |
| Hernia and intestinal obstruction                 | 122                            | 6    | 1    | -    | -    | -   | 1    | -    | -    | 2     | -    | 2    | -    |
| Cirrhosis of the liver                            | 124                            | 11   | 1    | -    | 3    | 2   | 1    | -    | -    | 2     | 1    | 1    | -    |
| Biliary calculi, etc.*                            | 126,127                        | 1    | -    | -    | -    | -   | -    | -    | -    | -     | -    | 1    | -    |
| Nephritis   | 130-132                        | 19   | 5    | 2    | 2    | 1   | 1    | 1    | 2    | 1     | 1    | 1    | 1    |
| Diseases of the prostate                          | 137                            | 2    | -    | -    | -    | 1   | -    | -    | -    | -     | -    | 1    | -    |
| Diseases of pregnancy, etc.*                      | 140-150                        | 8    | -    | 2    | 3    | 1   | -    | -    | 1    | -     | -    | -    | -    |
| Puerperal septicemia                              | 140,142a,145a,147              | 3    | -    | 1    | 1    | -   | -    | 1    | -    | -     | -    | -    | -    |
| Hemorrhage, trauma or shock*                      | 141b,142b,145,146,149          | 4    | -    | -    | 2    | 1   | -    | -    | -    | -     | 1    | -    | -    |
| Other puerperal causes                            | 143d,e,f,145b,150              | 1    | -    | 1    | -    | -   | -    | -    | -    | -     | -    | -    | -    |
| Congenital malformations                          | 157                            | 10   | 1    | -    | 1    | -   | 2    | -    | 2    | 1     | -    | 3    | -    |
| Diseases peculiar to first year of life           | 158-161                        | 61   | 7    | 11   | 5    | 2   | 8    | 3    | 5    | 3     | 5    | 4    | 4    |
| Premature birth                                   | 159                            | 41   | 5    | 8    | 3    | 2   | 7    | 2    | 4    | 1     | 2    | 4    | 2    |
| Other diseases peculiar to first year of life     | 158,160,161                    | 20   | 2    | 3    | 2    | -   | 1    | 1    | 1    | 2     | 3    | -    | 3    |
| Suicide   | 163,164                        | 32   | 2    | 3    | 4    | 6   | 1    | 4    | 2    | 1     | 3    | 1    | 3    |
| Homicide  | 165-168                        | 10   | 1    | -    | -    | 1   | 1    | 3    | -    | -     | 2    | 1    | -    |
| Accidental deaths                                 | 169-195                        | 238  | 14   | 7    | 43   | 9   | 18   | 19   | 17   | 22    | 23   | 21   | 21   |
| Motor-vehicle accidents                           | 170                            | 15   | -    | 1    | 2    | 1   | 1    | -    | 2    | 3     | 3    | -    | 2    |
| Other accidents                                   | 169,171-195                    | 221  | 14   | 6    | 41   | 8   | 17   | 19   | 17   | 20    | 19   | 21   | 19   |
| Senility, ill-defined and unknown causes          | 182,199,200                    | 85   | 6    | 8    | 5    | 5   | 15   | 10   | 4    | 4     | 5    | 8    | 5    |
| All other causes                                  |                                | 60   | 4    | 7    | 10   | 4   | 6    | 6    | 2    | 5     | 3    | 2    | 8    |

\*Refer to International List for complete title, table IX.

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No. | CAUSE OF DEATH, RACE, AND SEX                 | Total deaths | Under 1 year | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 and over | Not stated |
|---------------|---|--------------|--------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------------|
|               | ALL CAUSES                                    | 1,197        | 145          | 82  | 22  | 22    | 48    | 81    | 141   | 108   | 111   | 113   | 153   | 124   | 37          | 10         |
|               | White—Male                                    | 555          | 50           | 5   | -   | 1     | 17    | 38    | 56    | 58    | 68    | 69    | 101   | 79    | 25          | 8          |
|               | White—Female                                  | 118          | 27           | 4   | 2   | -     | 1     | 2     | 6     | 10    | 11    | 21    | 15    | 18    | -           | 1          |
|               | Native—Male                                   | 272          | 46           | 34  | 9   | 10    | 16    | 15    | 50    | 24    | 19    | 13    | 18    | 12    | 6           | -          |
|               | Native—Female                                 | 231          | 42           | 39  | 10  | 10    | 12    | 20    | 26    | 14    | 12    | 8     | 19    | 13    | 6           | -          |
|               | All other—Male                                | 18           | -            | -   | 1   | -     | 2     | 4     | 2     | 2     | 1     | 2     | 2     | 1     | -           | 1          |
|               | All other—Female                              | 5            | -            | -   | -   | 1     | -     | 2     | 1     | -     | -     | -     | 1     | 1     | -           | -          |
| 9             | Whooping cough                                | 25           | 7            | 15  | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Male                                    | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Female                                  | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Male                                   | 9            | 3            | 6   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | 14           | 4            | 9   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 10            | Diphtheria                                    | 1            | -            | -   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Male                                    | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Female                                  | 1            | -            | -   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Male                                   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 13-22         | Tuberculosis (all forms)                      | 244          | 10           | 36  | 14  | 10    | 17    | 27    | 52    | 22    | 16    | 14    | 16    | 10    | -           | -          |
|               | White—Male                                    | 17           | 1            | -   | -   | -     | -     | -     | 2     | 1     | -     | 4     | 5     | 4     | -           | -          |
|               | White—Female                                  | 7            | -            | 3   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 1     | -           | -          |
|               | Native—Male                                   | 110          | 6            | 14  | 7   | 5     | 9     | 7     | 31    | 12    | 8     | 5     | 4     | 2     | 3           | -          |
|               | Native—Female                                 | 103          | 3            | 13  | 7   | 4     | 8     | 16    | 18    | 6     | 7     | 5     | 4     | 3     | -           | -          |
|               | All other—Male                                | 4            | -            | -   | -   | -     | -     | -     | 1     | 1     | 1     | -     | 1     | -     | -           | -          |
|               | All other—Female                              | 3            | -            | -   | -   | 1     | -     | 2     | -     | -     | -     | -     | -     | -     | -           | -          |
| 13            | Tuberculosis of respiratory system, etc.*     | 199          | 3            | 17  | 9   | 9     | 16    | 27    | 47    | 20    | 16    | 11    | 15    | 9     | -           | -          |
|               | White—Male                                    | 15           | -            | -   | -   | -     | -     | -     | 1     | 1     | -     | 4     | 5     | 4     | -           | -          |
|               | White—Female                                  | 2            | -            | 1   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | 1     | -           | -          |
|               | Native—Male                                   | 94           | 3            | 7   | 6   | 5     | 9     | 7     | 27    | 11    | 8     | 5     | 4     | 2     | 3           | -          |
|               | Native—Female                                 | 82           | -            | 9   | 3   | 4     | 7     | 18    | 18    | 7     | 7     | 2     | 4     | 3     | -           | -          |
|               | All other—Male                                | 4            | -            | -   | -   | -     | -     | -     | 1     | 1     | 1     | -     | 1     | -     | -           | -          |
|               | All other—Female                              | 2            | -            | -   | -   | -     | -     | 2     | -     | -     | -     | -     | -     | -     | -           | -          |
| 14-22         | Tuberculosis (other forms)                    | 45           | 7            | 19  | 5   | 1     | 1     | -     | 5     | 2     | -     | 3     | 1     | 1     | -           | -          |
|               | White—Male                                    | 2            | 1            | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Female                                  | 5            | -            | 2   | -   | -     | -     | -     | -     | -     | -     | 2     | -     | 1     | -           | -          |
|               | Native—Male                                   | 16           | 3            | 7   | 1   | -     | -     | -     | 4     | 1     | -     | 1     | 1     | -     | -           | -          |
|               | Native—Female                                 | 21           | 3            | 10  | 4   | -     | 1     | -     | -     | 1     | -     | 1     | 1     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 30            | Syphilis                                      | 3            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -           | -          |
|               | White—Male                                    | 3            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -           | -          |
|               | White—Female                                  | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Male                                   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 45-55         | Cancer and other malignant tumors             | 52           | -            | -   | -   | -     | -     | -     | -     | 2     | 7     | 11    | 14    | 15    | 3           | -          |
|               | White—Male                                    | 33           | -            | -   | -   | -     | -     | -     | -     | 1     | 4     | 5     | 10    | 11    | 2           | -          |
|               | White—Female                                  | 7            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 3     | 2     | -     | -           | -          |
|               | Native—Male                                   | 2            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 1     | 1     | 1     | -           | -          |
|               | Native—Female                                 | 10           | -            | -   | -   | -     | -     | -     | -     | 1     | 2     | 2     | 2     | 2     | 1           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 46            | Cancer of the digestive organs and peritoneum | 27           | -            | -   | -   | -     | -     | -     | -     | -     | 4     | 7     | 9     | 6     | 1           | -          |
|               | White—Male                                    | 17           | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 4     | 7     | 4     | 1           | -          |
|               | White—Female                                  | 4            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 2     | 1     | 1     | -           | -          |
|               | Native—Male                                   | 2            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 1     | 1     | -     | -           | -          |
|               | Native—Female                                 | 4            | -            | -   | -   | -     | -     | -     | -     | -     | 2     | -     | 1     | 1     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 48,49         | Cancer of female genital organs               | 5            | -            | -   | -   | -     | -     | -     | -     | 1     | -     | 2     | -     | 1     | 1           | -          |
|               | White—Female                                  | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | 1     | -           | -          |
|               | Native—Female                                 | 4            | -            | -   | -   | -     | -     | -     | -     | 1     | -     | 2     | -     | -     | 1           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 50            | Cancer of the breast                          | 2            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | -           | -          |
|               | White—Male                                    | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Female                                  | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -           | -          |
|               | Native—Male                                   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 45,47, 51-55  | Cancer (other sites)                          | 18           | -            | -   | -   | -     | -     | -     | 1     | 3     | 1     | 4     | 8     | 1     | -           | -          |
|               | White—Male                                    | 16           | -            | -   | -   | -     | -     | -     | 1     | 3     | 1     | 3     | 7     | 1     | -           | -          |
|               | White—Female                                  | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 1     | -     | -           | -          |
|               | Native—Male                                   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 58            | Acute rheumatic fever                         | 2            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | 1     | -     | -           | -          |
|               | White—Male                                    | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | White—Female                                  | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | Native—Male                                   | 1            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|               | Native—Female                                 | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
|               | All other—Male                                | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|               | All other—Female                              | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |

\*Refer to International List for complete title, table IX.

VITAL STATISTICS OF THE UNITED STATES

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948—Continued  
(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.                              | CAUSE OF DEATH, RACE, AND SEX                       | Total deaths | Under 1 year | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 and over | Not stated |
|--|---|--------------|--------------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------------|
| 61   | Diabetes mellitus-----                              | 6            | -            | -   | -   | -     | -     | 1     | -     | -     | -     | -     | 5     | 2     | -           | -          |
|  | White-----  | 4            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 2     | 2     | -           | -          |
|  | Male-----   | 2            | -            | -   | -   | -     | -     | 1     | -     | -     | -     | -     | 1     | -     | -           | -          |
|  | Female-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Native-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 77   | Alcoholism (ethylish)-----                          | 15           | -            | -   | -   | -     | -     | 2     | 2     | 2     | 4     | 3     | 2     | -     | -           | -          |
|  | White-----  | 8            | -            | -   | -   | -     | -     | 1     | -     | 1     | 3     | 3     | -     | -     | -           | -          |
|  | Male-----   | 1            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|  | Female-----   | 3            | -            | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | 1     | -     | -           | -          |
|  | Native-----   | 2            | -            | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | -     | -     | -           | -          |
| 83   | Intracranial lesions of vascular origin-----        | 42           | -            | -   | -   | -     | 1     | -     | 1     | 3     | 5     | 5     | 13    | 11    | 3           | -          |
|  | White-----  | 26           | -            | -   | -   | -     | 1     | -     | -     | 2     | 2     | 2     | 11    | 6     | 2           | -          |
|  | Male-----   | 11           | -            | -   | -   | -     | -     | -     | -     | 1     | 3     | 2     | 1     | 4     | -           | -          |
|  | Female-----   | 4            | -            | -   | -   | -     | -     | -     | 1     | -     | -     | 1     | -     | 1     | 1           | -          |
|  | Native-----   | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
| 90-95                                      | Diseases of the heart-----                          | 178          | -            | 1   | -   | -     | -     | 2     | 1     | 10    | 30    | 45    | 44    | 37    | 6           | 2          |
|  | White-----  | 132          | -            | -   | -   | -     | -     | 1     | 1     | 8     | 25    | 33    | 34    | 23    | 5           | 2          |
|  | Male-----   | 25           | -            | -   | -   | -     | -     | -     | -     | 2     | 3     | 9     | 5     | 6     | -           | -          |
|  | Female-----   | 12           | -            | 1   | -   | -     | -     | 1     | -     | 1     | 1     | 2     | 3     | 4     | -           | -          |
|  | Native-----   | 6            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | 2     | 2     | 1           | -          |
| 90a,92b,c,<br>93c,95b                      | Chronic rheumatic diseases of the heart-----        | 6            | -            | -   | -   | -     | -     | -     | -     | 1     | -     | 2     | 1     | 2     | -           | -          |
|  | White-----  | 4            | -            | -   | -   | -     | -     | -     | -     | 1     | -     | 1     | -     | 2     | -           | -          |
|  | Male-----   | 2            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -           | -          |
|  | Female-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Native-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 94   | Diseases of coronary arteries, angina pectoris----- | 76           | -            | -   | -   | -     | -     | 1     | -     | 8     | 20    | 23    | 13    | 10    | 1           | -          |
|  | White-----  | 59           | -            | -   | -   | -     | -     | 1     | -     | 6     | 17    | 18    | 12    | 5     | -           | -          |
|  | Male-----   | 12           | -            | -   | -   | -     | -     | -     | -     | 2     | 2     | 4     | 1     | 3     | -           | -          |
|  | Female-----   | 2            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | 1     | -           | -          |
|  | Native-----   | 2            | -            | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | 1           | -          |
| 90b,91,<br>92a,d,e,<br>93a,b,d,e,<br>95a,c | Diseases of the heart (other forms)-----            | 96           | -            | 1   | -   | -     | -     | 1     | 1     | 1     | 10    | 20    | 30    | 25    | 5           | 2          |
|  | White-----  | 69           | -            | -   | -   | -     | -     | -     | 1     | 1     | 8     | 14    | 22    | 16    | 5           | 2          |
|  | Male-----   | 11           | -            | -   | -   | -     | -     | -     | -     | -     | 1     | 4     | 3     | 3     | -           | -          |
|  | Female-----   | 10           | -            | 1   | -   | -     | -     | 1     | -     | -     | 1     | 3     | 3     | -     | -           | -          |
|  | Native-----   | 4            | -            | -   | -   | -     | -     | -     | -     | -     | -     | 1     | 2     | 2     | -           | -          |
| 97,102                                     | Arteriosclerosis and high blood pressure*-----      | 8            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 3     | 4     | 1           | -          |
|  | White-----  | 5            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 3     | 1           | -          |
|  | Male-----   | 3            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 2     | 1     | -           | -          |
|  | Female-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Native-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 107-109,33                                 | Pneumonia (all forms) and influenza-----            | 66           | 22           | 7   | -   | 2     | 1     | -     | 2     | 5     | 2     | 5     | 7     | 10    | 3           | -          |
|  | White-----  | 21           | 1            | -   | -   | -     | -     | -     | 1     | 4     | 1     | 1     | 3     | 8     | 2           | -          |
|  | Male-----   | 5            | 5            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Female-----   | 23           | 6            | 4   | -   | -     | 1     | -     | 1     | 1     | 1     | 2     | 3     | 1     | 1           | -          |
|  | Native-----   | 17           | 8            | 3   | -   | 2     | -     | -     | -     | -     | -     | 2     | 1     | 1     | -           | -          |
| 107  | Bronchopneumonia-----                               | 15           | 7            | 1   | -   | -     | -     | -     | -     | 2     | -     | 1     | -     | 2     | 2           | -          |
|  | White-----  | 7            | 1            | -   | -   | -     | -     | -     | -     | 2     | -     | -     | -     | 2     | 2           | -          |
|  | Male-----   | 3            | 3            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Female-----   | 2            | 2            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Native-----   | 3            | 1            | 1   | -   | -     | -     | -     | -     | -     | -     | 1     | -     | -     | -           | -          |
| 108  | Lobar pneumonia-----                                | 11           | 2            | 1   | -   | -     | 1     | -     | -     | 1     | 1     | -     | 2     | 2     | 1           | -          |
|  | White-----  | 5            | -            | -   | -   | -     | -     | -     | -     | 1     | 1     | -     | 1     | 2     | -           | -          |
|  | Male-----   | 2            | 2            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Female-----   | 4            | -            | 1   | -   | -     | 1     | -     | -     | -     | -     | -     | 1     | -     | 1           | -          |
|  | Native-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 109  | Pneumonia (unspecified)-----                        | 31           | 13           | 4   | -   | 2     | -     | -     | 2     | 2     | 1     | 4     | 1     | 2     | -           | -          |
|  | White-----  | 3            | -            | -   | -   | -     | -     | -     | 1     | 1     | -     | 1     | -     | -     | -           | -          |
|  | Male-----   | 15           | 6            | 2   | -   | -     | -     | -     | 1     | 1     | 1     | 2     | 1     | 1     | -           | -          |
|  | Female-----   | 13           | 7            | 2   | -   | 2     | -     | -     | -     | -     | -     | 1     | -     | 1     | -           | -          |
|  | Native-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 33   | Influenza-----                                      | 9            | -            | 1   | -   | -     | -     | -     | -     | -     | -     | -     | 4     | 4     | -           | -          |
|  | White-----  | 6            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 2     | 4     | -           | -          |
|  | Male-----   | -            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|  | Female-----   | 2            | -            | 1   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
|  | Native-----   | 1            | -            | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |

\*Refer to International List for complete title, table IX.

SUPPLEMENT—ALASKA

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1948—Continued

(Exclusive of stillbirths. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| Int. List No.           | CAUSE OF DEATH, RACE, AND SEX                | Total Deaths | Under  | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-64 | 65-74 | 75-84 | 85 and over | Not stated |
|-------------------------|--|--------------|--------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------------|
|                         |  |              | 1 year |     |     |       |       |       |       |       |       |       |       |       |             |            |
| 117                     | Ulcer of stomach or duodenum—Male            | 2            | -      | -   | -   | -     | -     | -     | -     | -     | 2     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 1            | -      | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|                         | Native—Male                                  | 1            | -      | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|                         | Female                                       | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 119,120                 | Diarrhea, enteritis, etc.*—Male              | 6            | 4      | 3   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Native—Male                                  | 3            | 1      | 1   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Female                                       | 5            | 3      | 2   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 121                     | Appendicitis—Male                            | 6            | -      | -   | -   | 2     | -     | 1     | -     | -     | 1     | 1     | -     | 1     | -           | -          |
|                         | White—Female                                 | 4            | -      | -   | -   | -     | -     | 1     | -     | -     | 1     | 1     | -     | 1     | -           | -          |
|                         | Native—Male                                  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Female                                       | 2            | -      | -   | 2   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 122                     | Hernia and intestinal obstruction—Male       | 6            | -      | 3   | -   | -     | -     | -     | -     | -     | 1     | -     | 3     | -     | -           | -          |
|                         | White—Female                                 | 2            | -      | 1   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | -     | -           | -          |
|                         | Native—Male                                  | 2            | -      | 2   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Female                                       | 2            | -      | -   | -   | -     | -     | -     | -     | -     | 1     | -     | 1     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 124                     | Cirrhosis of the liver—Male                  | 11           | -      | -   | -   | -     | -     | -     | 1     | 2     | 4     | 1     | 3     | -     | -           | -          |
|                         | White—Female                                 | 7            | -      | -   | -   | -     | -     | -     | 1     | 2     | 2     | 1     | 4     | -     | -           | -          |
|                         | Native—Male                                  | 1            | -      | -   | -   | -     | -     | -     | -     | 1     | 1     | 1     | -     | -     | -           | -          |
|                         | Female                                       | 2            | -      | -   | -   | -     | -     | -     | -     | 1     | 1     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | 1            | -      | -   | -   | -     | -     | -     | 1     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 126,127                 | Biliary calculi, etc.*—Male                  | 1            | -      | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 1            | -      | -   | -   | -     | -     | -     | -     | -     | 1     | -     | -     | -     | -           | -          |
|                         | Native—Male                                  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Female                                       | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 130-132                 | Nephritis—Male                               | 19           | -      | -   | -   | -     | 1     | -     | 1     | 3     | 5     | 2     | 3     | 4     | -           | -          |
|                         | White—Female                                 | 12           | -      | -   | -   | -     | 1     | -     | 2     | 2     | 2     | 1     | 3     | 3     | -           | -          |
|                         | Native—Male                                  | 5            | -      | -   | -   | -     | -     | -     | 1     | 1     | 2     | 1     | 1     | 1     | -           | -          |
|                         | Female                                       | 2            | -      | -   | -   | -     | -     | -     | -     | 1     | 1     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 137                     | Diseases of the prostate—Male                | 2            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -           | -          |
|                         | White—Male                                   | 2            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | 1     | 1     | -           | -          |
|                         | Native—Male                                  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 140-150                 | Diseases of pregnancy, etc.*—Female          | 8            | -      | -   | -   | -     | -     | 2     | 3     | 3     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 1            | -      | -   | -   | -     | -     | 1     | 1     | 1     | -     | -     | -     | -     | -           | -          |
|                         | Native—Female                                | 7            | -      | -   | -   | -     | -     | 1     | 3     | 3     | -     | -     | -     | -     | -           | -          |
|                         | All other—Female                             | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 140,142a, 145a,147      | Puerperal septicemia—Female                  | 3            | -      | -   | -   | -     | -     | 2     | 1     | -     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 1            | -      | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | -     | -     | -           | -          |
|                         | Native—Female                                | 2            | -      | -   | -   | -     | -     | 1     | 1     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Female                             | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 141b,142b, 145,146, 149 | Haemorrhage, trauma or shock*—Female         | 4            | -      | -   | -   | -     | -     | -     | 2     | 2     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 4            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Native—Female                                | 4            | -      | -   | -   | -     | -     | -     | 2     | 2     | -     | -     | -     | -     | -           | -          |
|                         | All other—Female                             | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 141d,e,f, 145b,150      | Other puerperal causes—Female                | 1            | -      | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 1            | -      | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -           | -          |
|                         | Native—Female                                | 1            | -      | -   | -   | -     | -     | -     | -     | 1     | -     | -     | -     | -     | -           | -          |
|                         | All other—Female                             | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| 157                     | Congenital malformations—Male                | 10           | 8      | 1   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | White—Female                                 | 4            | 4      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Native—Male                                  | 3            | 2      | 1   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | Female                                       | 2            | 2      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
|                         | All other—Male                               | 1            | -      | -   | 1   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           | -          |
| Female                  | -  | -            | -      | -   | -   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -           |            |
| 158-161                 | Diseases peculiar to first year of life—Male | 61           | 61     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | White—Female                                 | 21           | 21     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | Native—Male                                  | 15           | 15     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | Female                                       | 13           | 13     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | All other—Male                               | 12           | 12     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
| Female                  | -  | -            | ...    | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         |            |
| 159                     | Premature birth—Male                         | 41           | 41     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | White—Female                                 | 17           | 17     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | Native—Male                                  | 11           | 11     | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | Female                                       | 6            | 6      | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
|                         | All other—Male                               | 7            | 7      | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         | ...        |
| Female                  | -  | -            | ...    | ... | ... | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...   | ...         |            |

\*Refer to International List for complete title, table IX.



TABLE 16.—DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE:  
ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 12, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH   | Total deaths | Deaths not in institutions | Deaths in institutions <sup>1</sup> | TYPE OF SERVICE   |                        |  |                       |
|--|--------------|----------------------------|-------------------------------------|-------------------|------------------------|--|-----------------------|
|  |              |                            |                                     | General hospitals | Tuberculosis hospitals | Other nonresident hospitals and institutions | Resident institutions |
| ALL CAUSES-----  | 1,197        | 696                        | 501                                 | 419               | 22                     | 3  | 41                    |
| Whooping cough-----9   | 23           | 23                         | -                                   | -                 | -                      | -  | -                     |
| Diphtheria-----10  | 1            | -                          | 1                                   | 1                 | -                      | -  | -                     |
| Tuberculosis (all forms)-----13-22                                     | 244          | 149                        | 95                                  | 62                | 20                     | 1  | 3                     |
| Tuberculosis of respiratory system, etc.*-----13                       | 199          | 129                        | 70                                  | 40                | 19                     | -  | 3                     |
| Tuberculosis (other forms)-----14-22                                   | 45           | 20                         | 25                                  | 22                | 1                      | 1  | -                     |
| Syphilis-----30  | 3            | 2                          | 1                                   | 1                 | -                      | -  | -                     |
| Cancer and other malignant tumors-----45-55                            | 52           | 10                         | 42                                  | 33                | -                      | -  | 8                     |
| Cancer of the digestive organs and peritoneum-----46                   | 27           | 4                          | 23                                  | 18                | -                      | -  | 5                     |
| Cancer of female genital organs-----48,49                              | 5            | 1                          | 4                                   | 4                 | -                      | -  | -                     |
| Cancer of the breast-----50  | 2            | 1                          | 1                                   | 1                 | -                      | -  | -                     |
| Cancer (other sites)-----45,47,51-55                                   | 18           | 4                          | 14                                  | 10                | -                      | -  | 3                     |
| Acute rheumatic fever-----58   | 2            | 2                          | -                                   | -                 | -                      | -  | -                     |
| Diabetes mellitus-----61   | 6            | 1                          | 5                                   | 4                 | -                      | -  | 1                     |
| Alcoholism (ethylic)-----77  | 15           | 11                         | 4                                   | 4                 | -                      | -  | -                     |
| Intracranial lesions of vascular origin-----83                         | 42           | 10                         | 32                                  | 28                | -                      | -  | 4                     |
| Diseases of the heart-----90-95  | 178          | 97                         | 81                                  | 75                | -                      | 1  | 5                     |
| Chronic rheumatic diseases of the heart-----90a,92b,c,95c,95b          | 6            | 1                          | 5                                   | 5                 | -                      | -  | -                     |
| Diseases of coronary arteries and angina pectoris-----94               | 76           | 49                         | 27                                  | 27                | -                      | -  | -                     |
| Diseases of the heart (other forms)-----90b,91,92a,d,e,95a,b,d,e,95a,c | 96           | 47                         | 49                                  | 43                | -                      | 1  | 5                     |
| Arteriosclerosis and high blood pressure*-----97,102                   | 8            | 4                          | 4                                   | 3                 | -                      | -  | 1                     |
| Pneumonia (all forms) and influenza-----107-109,33                     | 66           | 36                         | 30                                  | 23                | -                      | -  | 7                     |
| Bronchopneumonia-----107   | 15           | 4                          | 11                                  | 9                 | -                      | -  | 2                     |
| Lobar pneumonia-----108  | 11           | 4                          | 7                                   | 7                 | -                      | -  | -                     |
| Pneumonia (unspecified)-----109  | 31           | 24                         | 7                                   | 7                 | -                      | -  | -                     |
| Influenza-----33   | 9            | 4                          | 5                                   | -                 | -                      | -  | 5                     |
| Ulcer of stomach or duodenum-----117                                   | 2            | 1                          | 1                                   | 1                 | -                      | -  | -                     |
| Diarrhea, enteritis, etc.*-----119,120                                 | 8            | 6                          | 2                                   | 1                 | -                      | -  | -                     |
| Appendicitis-----121   | 6            | 2                          | 4                                   | 4                 | -                      | -  | -                     |
| Hernia and intestinal obstruction-----122                              | 6            | -                          | 6                                   | 5                 | -                      | -  | -                     |
| Cirrhosis of the liver-----124   | 11           | 3                          | 8                                   | 8                 | -                      | -  | -                     |
| Biliary calculi, etc.*-----126,127                                     | 1            | -                          | 1                                   | 1                 | -                      | -  | -                     |
| Nephritis-----130-132  | 19           | 4                          | 15                                  | 13                | -                      | -  | 2                     |
| Diseases of the prostate-----137                                       | 2            | 1                          | 1                                   | 1                 | -                      | -  | -                     |
| Diseases of pregnancy, etc.*-----140-150                               | 8            | 2                          | 6                                   | 5                 | -                      | -  | -                     |
| Puerperal septicemia-----140,142a,145A,147                             | 3            | -                          | 3                                   | 2                 | -                      | -  | -                     |
| Hemorrhage, trauma or shock*-----141b,142b,143,146,148                 | 4            | 2                          | 2                                   | 2                 | -                      | -  | -                     |
| Other puerperal causes-----141d,e,f,145B,150                           | 1            | -                          | 1                                   | 1                 | -                      | -  | -                     |
| Congenital malformations-----157                                       | 10           | 2                          | 8                                   | 7                 | 1                      | -  | -                     |
| Diseases peculiar to first year of life-----158-161                    | 61           | 20                         | 41                                  | 40                | -                      | -  | -                     |
| Premature birth-----159  | 41           | 11                         | 30                                  | 29                | -                      | -  | -                     |
| Other diseases peculiar to first year of life-----158,160,161          | 20           | 9                          | 11                                  | 11                | -                      | -  | -                     |
| Suicide-----163,164  | 32           | 27                         | 5                                   | 5                 | -                      | -  | -                     |
| Homicide-----165-168   | 10           | 7                          | 3                                   | 3                 | -                      | -  | -                     |
| Accidental deaths-----169-195  | 256          | 173                        | 83                                  | 59                | -                      | -  | 2                     |
| Motor-vehicle accidents-----170  | 15           | 9                          | 6                                   | 6                 | -                      | -  | -                     |
| Other accidents-----169,171-195  | 221          | 164                        | 57                                  | 53                | -                      | -  | 2                     |
| Senility, ill-defined and unknown causes-----162,199,200               | 85           | 74                         | 11                                  | 5                 | -                      | -  | 6                     |
| All other causes-----  | 80           | 29                         | 31                                  | 27                | 1                      | 1  | 2                     |

\*Refer to International List for complete title, table IX.  
<sup>1</sup>Includes deaths occurring in institutions of unknown type.

VITAL STATISTICS OF THE UNITED STATES

TABLE 17.- DEATHS FROM SELECTED CAUSES: ALASKA AND ITS SUBDIVISIONS, 1948

(By place of occurrence. Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 15, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH                                     | Total deaths | First Judicial Division | Second Judicial Division | Third Judicial Division | Fourth Judicial Division | CAUSE OF DEATH  | Total deaths | First Judicial Division | Second Judicial Division | Third Judicial Division | Fourth Judicial Division |
|--|--------------|-------------------------|--------------------------|-------------------------|--------------------------|---|--------------|-------------------------|--------------------------|-------------------------|--------------------------|
| ALL CAUSES-----                                    | 1,197        | 323                     | 186                      | 363                     | 305                      | Diarrhea, enteritis, etc.*--119,120                           | 8            | -                       | 6                        | -                       | 2                        |
| Whooping cough-----9                               | 23           | -                       | 1                        | 1                       | 21                       | Nephritis-----130-132   | 19           | 6                       | 1                        | 6                       | 6                        |
| Diphtheria-----10                                  | 1            | -                       | -                        | -                       | 1                        | Diseases of pregnancy, etc.*-----140-150                      | 8            | -                       | 2                        | 5                       | 1                        |
| Tuberculosis (all forms)---13-22                   | 244          | 49                      | 61                       | 46                      | 88                       | Congenital malformations-----157                              | 10           | 1                       | 2                        | 7                       | -                        |
| Syphilis-----30                                    | 5            | 1                       | -                        | -                       | 2                        | Premature birth-----159                                       | 41           | 8                       | 4                        | 23                      | 6                        |
| Cancer and other malignant tumors-----45-65        | 52           | 27                      | 3                        | 12                      | 10                       | Other diseases peculiar to first year of life-----158,160,161 | 20           | 7                       | 4                        | 7                       | 2                        |
| Acute rheumatic fever-----58                       | 2            | -                       | 1                        | -                       | -                        | Suicide-----163,164   | 32           | 9                       | 1                        | 16                      | 6                        |
| Diabetes mellitus-----61                           | 6            | 4                       | -                        | 1                       | 1                        | Homicide-----165-166  | 10           | 3                       | -                        | 5                       | 2                        |
| Intracranial lesions of vascular origin-----63     | 42           | 20                      | -                        | 14                      | 8                        | Motor-vehicle accidents-----170                               | 15           | -                       | 1                        | 10                      | 4                        |
| Diseases of the heart-----90-95                    | 178          | 61                      | 10                       | 57                      | 30                       | Other accidents-----169,171-195                               | 221          | 43                      | 24                       | 114                     | 40                       |
| Pneumonia (all forms) and influenza-----107-109,33 | 66           | 13                      | 21                       | 10                      | 22                       | Senility, ill-defined and unknown causes-----162,199,200      | 85           | 19                      | 21                       | 15                      | 30                       |
|  |              |                         |                          |                         |                          | All other causes-----   | 111          | 32                      | 23                       | 33                      | 23                       |

\*Refer to International List for complete title, table IX.

TABLE 18.- DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: ALASKA, 1948

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH   | Total deaths under 1 year | Under 1 day | 1 day | 2 days | 3-6 days | 7-13 days | 14-20 days | 21-29 days | Under 1 month | 1 mo. | 2 mo. | 3 mo. | 4 mo. | 5 mo. | 6 mo. | 7 mo. | 8 mo. | 9 mo. | 10 mo. | 11 mo. |
|--|---------------------------|-------------|-------|--------|----------|-----------|------------|------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| ALL CAUSES-----  | 145                       | 33          | 7     | 8      | 4        | 13        | 7          | 5          | 77            | 12    | 9     | 8     | 6     | 1     | 4     | 4     | 7     | 5     | 7      | 5      |
| Whooping cough-----9   | 7                         | -           | -     | -      | -        | -         | -          | -          | -             | 1     | 1     | -     | 2     | -     | 1     | -     | 1     | -     | 1      | -      |
| Tuberculosis (all forms)---13-22                               | 10                        | -           | -     | -      | -        | -         | -          | -          | -             | -     | -     | 1     | 1     | -     | 2     | -     | 1     | 1     | 2      | 2      |
| Tuberculosis of respiratory system, etc.*-----13               | 3                         | -           | -     | -      | -        | -         | -          | -          | -             | -     | -     | -     | -     | -     | -     | -     | -     | 1     | 2      | -      |
| Tuberculosis of meninges, etc.*-----14                         | 7                         | -           | -     | -      | -        | -         | -          | -          | -             | -     | -     | 1     | 1     | -     | 2     | -     | 1     | -     | -      | 2      |
| Tuberculosis (not due to meningococcus)-----81                 | 3                         | -           | -     | -      | -        | -         | 1          | -          | 1             | -     | -     | -     | -     | -     | -     | -     | -     | -     | 2      | -      |
| Convulsions-----86   | 2                         | -           | -     | -      | -        | -         | -          | -          | 1             | -     | -     | 1     | -     | -     | -     | -     | -     | -     | -      | -      |
| Pneumonia (all forms) and influenza-----107-109,33             | 22                        | -           | -     | -      | -        | 1         | 2          | 2          | 5             | 3     | 5     | 1     | 2     | -     | 1     | 3     | 1     | -     | -      | 1      |
| Bronchopneumonia, etc.*-----107                                | 7                         | -           | -     | -      | -        | -         | 1          | -          | 1             | 2     | 2     | -     | -     | -     | -     | 2     | -     | -     | -      | -      |
| Lobar pneumonia-----108  | 2                         | -           | -     | -      | -        | -         | -          | -          | 1             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Pneumonia (unspecified)-----109                                | 13                        | -           | -     | -      | -        | 1         | 1          | 2          | 4             | -     | 3     | 1     | 2     | -     | -     | 1     | -     | 1     | -      | 1      |
| Other diseases of respiratory system-----104-106,110-114       | 7                         | -           | -     | -      | -        | 1         | 2          | 1          | 4             | -     | -     | -     | -     | -     | -     | -     | 1     | -     | 1      | 1      |
| Diarrhea, enteritis, etc.*-----119                             | 4                         | -           | -     | -      | -        | -         | -          | -          | -             | -     | -     | 1     | -     | -     | 1     | 1     | -     | -     | 1      | -      |
| Other diseases of digestive system-----115,116,118,121,123-129 | 1                         | -           | -     | -      | -        | -         | -          | -          | -             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Congenital malformations-----157                               | 6                         | 2           | -     | 1      | 1        | 2         | -          | -          | 6             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | 1      | -      |
| Diseases peculiar to first year of life-----158-161            | 61                        | 30          | 7     | 7      | 1        | 6         | 2          | 2          | 55            | 5     | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -      |
| Congenital debility-----158                                    | 6                         | -           | -     | -      | 1        | 1         | 1          | 1          | 4             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Premature birth-----159  | 41                        | 27          | 5     | 5      | 2        | 1         | -          | -          | 40            | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Injury at birth-----160  | 5                         | 2           | 1     | 1      | -        | -         | -          | -          | 4             | 1     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Other diseases peculiar to first year of life-----161          | 9                         | 1           | 1     | 1      | -        | 3         | -          | 1          | 7             | 2     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Asphyxia (cause not specified), stolecetasis-----161a          | 4                         | 1           | 1     | 1      | -        | 1         | -          | -          | 4             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Infection of the umbilicus, etc.*-----161b,c                   | 5                         | -           | -     | -      | -        | 2         | -          | 1          | 3             | 2     | -     | -     | -     | -     | -     | -     | -     | -     | -      | -      |
| Accidental deaths-----169-195                                  | 6                         | 1           | -     | -      | -        | -         | -          | -          | 1             | -     | 1     | 1     | -     | -     | -     | -     | -     | -     | 2      | 1      |
| Accidental mechanical suffocation-----182                      | 3                         | -           | -     | -      | -        | -         | -          | -          | 1             | -     | 1     | 1     | -     | -     | -     | -     | -     | -     | 1      | -      |
| Other accidental deaths-----169-181,183-195                    | 3                         | 1           | -     | -      | -        | -         | -          | -          | 1             | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1      | 1      |
| Ill-defined and unknown causes-----199,200                     | 14                        | -           | -     | -      | 2        | 3         | -          | -          | 5             | -     | 2     | 4     | -     | 1     | -     | 1     | 1     | -     | -      | -      |

\*Refer to International List for complete title, table IX.

TABLE 19. INFANT MORTALITY RATES FOR SELECTED CAUSES: ALASKA, 1946-48

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 16, Puerto Rico) for which there were no deaths are not shown)

| CAUSE OF DEATH                                       | 1946 | 1947 | 1948 | CAUSE OF DEATH   | 1946 | 1947 | 1948 |
|--|------|------|------|--|------|------|------|
| ALL CAUSES-----                                      | 47.1 | 65.7 | 70.9 | Other diseases of respiratory system-----104-106,110-114       | 2.3  | 0.4  | 1.3  |
| Whooping cough-----9                                 | 2.3  | 0    | 0.4  | Diarrhea, enteritis, etc.*-----119                             | 1.5  | 4.6  | 2.2  |
| Diphtheria (infection by C. diphtheriae)-----10      | 0    | 0    | 0.4  | Intestinal obstruction-----122b                                | 0    | 0    | 1.8  |
| Tuberculosis (all forms)---13-22                     | 3.2  | 4.8  | 8.8  | Other diseases of digestive system-----115,116,118,121,123-129 | 0.3  | 0.7  | 1.3  |
| Tuberculosis of the respiratory system, etc.*-----13 | 1.0  | 1.9  | 3.1  | Congenital malformations-----157                               | 2.6  | 3.0  | 1.8  |
| Tuberculosis of the meninges, etc.*-----14           | 2.3  | 2.2  | 4.8  | Diseases peculiar to first year of life-----158-161            | 19.8 | 21.5 | 20.5 |
| Tuberculosis (other forms)-----15-22                 | 0    | 0.7  | 0.9  | Congenital debility-----158                                    | 1.9  | 4.4  | 2.6  |
| Dysentery-----27                                     | 0    | 1.9  | 0    | Premature birth-----159  | 13.5 | 12.6 | 12.8 |
| Syphilis-----30                                      | 0    | 0    | 0    | Injury at birth-----160  | 1.6  | 1.5  | 2.6  |
| Measles-----35                                       | 0    | 0    | 1.3  | Other diseases peculiar to first year of life-----161          | 2.9  | 3.0  | 2.2  |
| Diseases of the thyroid gland-----64                 | 0    | 0.4  | 0.4  | Asphyxia (cause not specified), stolecetasis-----161a          | 1.5  | 1.9  | 1.3  |
| Meningitis (not due to meningococcus)-----81         | 1.0  | 0.7  | 0.4  | Infection of the umbilicus, etc.*-----161b,c                   | 1.6  | 1.1  | 0.9  |
| Convulsions-----86                                   | 0.6  | 0.4  | 2.2  | Accidental deaths-----169-195                                  | 1.9  | 3.3  | 3.1  |
| Diseases of the ear and mastoid process-----89       | 0    | 0    | 0.4  | Accidental mechanical suffocation-----182                      | 1.0  | 1.1  | 2.2  |
| Pneumonia (all forms) and influenza-----107-109,33   | 7.1  | 13.7 | 17.6 | Other accidental deaths-----169-181,183-195                    | 1.0  | 2.2  | 0.9  |
| Bronchopneumonia, etc.*-----107                      | 2.3  | 4.8  | 5.3  | Ill-defined and unknown causes-----199,200                     | 4.5  | 6.7  | 6.6  |
| Lobar pneumonia-----108                              | 0.6  | 0    | 0.4  | All other causes-----  | 0    | 1.5  | 0.4  |
| Pneumonia (unspecified)-----109                      | 4.2  | 7.0  | 9.2  |  |      |      |      |
| Influenza-----33                                     | 0    | 1.9  | 2.6  |  |      |      |      |

\*Refer to International List for complete title, table IX.