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PUBLIC HEALTH SERVICE
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VITAL STATISTICS OF THE UNITED STATES

1947

PART I

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

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SYMBOLS USED

	Symbol
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

This volume—Vital Statistics of the United States, Part I—contains official natality, mortality, still-birth, life table, marriage, and divorce statistics for the calendar year 1947. 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.

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 that are received from registration offices of all States and certain cities and of the outlying territories and possessions of the United States. Statistics of total marriages occurring and of total divorces and annulments granted are based on reports from State and county offices that can furnish such information. Under existing limitations, collection and tabulation of detailed and complete national statistics on marriages and divorces are not possible.

HISTORY OF THE EXPANDING BIRTH- AND DEATH-REGISTRATION AREAS

The first vital 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 vital statistics, 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 re-

ports 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 vital statistics 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 the estimated midyear population of the continental United States and the estimated midyear population of those States included in the registration system. Although, since 1933, the birth- and death-registration areas have included all 48 States, the populations given for the birth-registration States for the period 1940 to 1946 differ somewhat from the midyear population estimates for the continental United States. The populations for the birth-registration States for these years include the armed forces stationed overseas since they are the populations used as bases for the crude birth rates for the United States during that period. For 1947, the estimated population present in the continental United States is given for the birth-registration States because this population is used as the base for the

crude birth rate of the United States in 1947. (See discussion on page X)

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 coverage 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 stillbirth ratios for the registration States, the geographic divisions, and the individual States for a series of years are given in tables I through VII.

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	Births
Alabama	1861	1861	1919	1908	1908	1925	1927	
Arizona	1909	1909	1909	1909	1909	1926	1926	
Arkansas	1861	1861	1913	1914	1914	1927	1927	
California	1858	1877	1915	1905	1905	1926	1919	
Colorado	1876	1876	1907	1907	1907	1906	1928	
Connecticut	1852	1852	1905	1897	1897	1890	1915	
Delaware	1861	1861	1913	1861	1861	1919	1921	
District of Columbia	1874	1871	1907	1865	1871	1880	1915	
Florida	1899	1899	1915	1877	1865	1919	1924	
Georgia	1875	1823	1927	1919	1819	1923	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	1980	1890	1923	1924	
Kansas	1895	1895	1911	1911	1911	1914	1917	
Kentucky	1851	1851	1911	1911	1911	1911	1917	
Louisiana	1855	1855	1916	1899	1870	1916	1927	
Maine	1821	1821	1892	1892	1892	1900	1915	
Maryland	1890	1890	1912	1898	1898	1906	1916	
Massachusetts	1840	1840	1903	1850	1850	1880	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	1891	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	1891	1861	1861	1890	1915	
New Jersey	1848	1848	1920	1848	1848	1880	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	1909	1909	1909	1917	
Oklahoma	1907	1907	1917	1917	1917	1928	1928	
Oregon	1903	1903	1915	1903	1903	1918	1919	
Pennsylvania	1851	1851	1905	1906	1906	1906	1915	
Rhode Island	1850	1850	1911	1852	1852	1890	1921	
South Carolina	1878	1878	1914	1915	1915	1916	1928	
South Dakota	1905	1905	1931	1905	1905	1930	1932	
Tennessee	1861	1861	1915	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 VITAL STATISTICS REGISTRATION AREAS—UNITED STATES

YEAR	Estimated midyear population of continental United States ¹	BIRTH-REGISTRATION STATES		DEATH-REGISTRATION STATES			
		Number of States	Estimated midyear population		Number of States	Estimated midyear population	
			Number ²	Percent of total		Number ¹	Percent of total
1947	143,414,000	48	144,034,000	100.0	48	143,414,000	100.0
1946	139,899,000	48	141,255,000	100.0	48	139,899,000	100.0
1945	132,018,525	48	139,585,518	100.0	48	132,018,525	100.0
1944	132,552,005	48	138,083,449	100.0	48	132,552,005	100.0
1943	133,966,319	48	136,497,049	100.0	48	133,966,319	100.0
1942	133,770,500	48	134,664,924	100.0	48	133,770,500	100.0
1941	133,060,045	48	133,202,873	100.0	48	133,060,045	100.0
1940	131,854,144	48	131,970,224	100.0	48	131,854,144	100.0
1939	130,879,718	48	130,879,718	100.0	48	130,879,718	100.0
1938	129,824,939	48	129,824,939	100.0	48	129,824,939	100.0
1937	128,824,829	48	128,824,829	100.0	48	128,824,829	100.0
1936	128,053,180	48	128,053,180	100.0	48	128,053,180	100.0
1935	127,250,232	48	127,250,232	100.0	48	127,250,232	100.0
1934	126,373,773	48	126,373,773	100.0	48	126,373,773	100.0
1933	125,578,763	48	125,578,763	100.0	48	125,578,763	100.0
1932	124,640,471	47	118,903,899	95.2	47	118,903,899	95.2
1931	124,039,648	46	117,455,229	94.7	47	118,148,989	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	104,320,850	87.6	42	107,084,532	90.0
1926	117,399,225	35	90,400,590	77.0	41	103,922,683	88.4
1925	115,631,963	33	88,284,564	76.2	40	102,031,555	88.1
1924	114,115,463	33	87,000,295	76.2	39	99,338,098	87.0
1923	111,949,945	30	81,072,123	72.4	38	96,788,197	86.5
1922	110,054,778	30	79,560,746	72.3	37	92,702,901	84.2
1921	108,541,489	27	70,807,090	65.2	34	87,814,447	80.9
1920	106,466,420	23	63,597,307	59.7	34	86,079,263	80.9
1919	104,512,110	22	61,212,076	58.6	33	83,157,982	79.6
1918	103,202,801	20	55,153,782	53.4	30	79,008,412	76.6
1917	103,285,913	20	55,197,952	53.5	27	70,234,775	68.0
1916	101,965,984	11	32,844,013	32.3	26	66,971,177	65.7
1915	100,549,013	10	31,096,697	30.9	24	61,894,847	61.6
1914	99,117,567	---	---	---	24	60,963,309	61.5
1913	97,226,814	---	---	---	23	58,156,740	59.8
1912	95,331,300	---	---	---	22	54,847,700	57.5
1911	93,867,814	---	---	---	22	53,929,644	57.5
1910	92,406,536	---	---	---	20	47,470,437	51.4
1909	90,491,528	---	---	---	18	44,223,513	48.9
1908	88,708,976	---	---	---	17	38,634,769	43.6
1907	87,000,271	---	---	---	15	34,552,637	39.7
1906	85,436,556	---	---	---	15	33,782,286	39.5
1905	83,619,666	---	---	---	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	20,562,907	26.0
1901	77,585,128	---	---	---	10	20,237,453	26.1
1900	76,094,134	---	---	---	10	19,865,446	26.2
1899	74,947,714	---	---	---	8	19,659,440	26.3
1880	70,155,783	---	---	---	2	8,538,368	17.0

¹For 1940-47, excludes armed forces overseas.

²For 1940-47, includes armed forces overseas.

³Population enumerated in the Federal census of May 31.

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

COMPARABILITY OF CLASSIFICATION

Geographic classification

The geographic code¹ used in the tabulation of 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 1947 tabulations was based on their populations enumerated in the 1940 census, as of April 1.

The annual vital statistics 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 inhabitants 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 vital statistics data that could be more closely related to the population data, it was necessary to further divide vital statistics 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."

¹National Office of Vital Statistics, "Instruction Manual, Part IV, Geographic Code," geographic classification used in coding and tabulating vital statistics data, 1947 edition, 272 pp.

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 1947 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" 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 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—NATALITY AND MORTALITY DATA

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 and death 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 the birth or death rates, it is necessary, particularly for areas of small populations, to take into account the number of births or deaths 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."²

Place of residence

Official national vital 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. 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,

² "The Registrar-General's Statistical Review of England and Wales, 1937," pp. 18-24, H. M. S. O., London, 1940.

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 XII to XVII. Detailed tabulations by place of residence are given in "Vital Statistics of the United States, Part II."

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.³ 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 registered as occurring prior to April 1, 1940. Altogether, nearly one and a half million records were received for the test.⁴

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 C, which presents data by 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.

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

AREA	Total	White	Nonwhite
UNITED STATES	92.5	94.0	82.0
GEOGRAPHIC DIVISIONS			
New England	99.6	98.6	95.9
Middle Atlantic	98.0	98.2	95.4
East North Central	96.6	96.8	92.8
West North Central	94.9	95.1	86.1
South Atlantic	85.8	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	86.2
Pacific	97.8	98.0	94.9
NEW ENGLAND			
Maine	96.1	96.3	103.2
New Hampshire	98.7	98.6	1100.0
Vermont	97.3	97.3	1100.0
Massachusetts	98.9	98.9	98.0
Rhode Island	98.8	98.8	1100.0
Connecticut	99.4	99.4	97.9
MIDDLE ATLANTIC			
New York	98.7	98.8	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	98.9	93.2
WEST NORTH CENTRAL			
Minnesota	99.3	99.3	97.2
Iowa	94.6	94.7	90.1
Missouri	90.2	90.7	82.7
North Dakota	94.7	94.6	95.2
South Dakota	95.4	95.6	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	91.9	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	83.4	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	65.2
Louisiana	86.1	87.7	85.7
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	179.3
Wyoming	95.6	95.9	185.4
Colorado	89.8	89.8	190.4
New Mexico	86.4	91.2	40.3
Arizona	84.4	93.8	48.4
Utah	96.6	97.1	159.6
Nevada	96.2	97.5	180.9
PACIFIC			
Washington	97.8	98.0	88.7
Oregon	97.1	97.3	104.1
California	98.0	98.1	96.5

³Percentage is based on fewer than 100 records.

³Whelpton, 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, 1933.

⁴Grove, 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.

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 completeness of birth registration from 1935 to 1947, inclusive, for the entire United States, by race, is given in table D. These estimates are based on the results of the 1940 test and the indicated relationship between hospitalization and birth registration evidenced by that test.⁵

TABLE D.—ESTIMATED PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY RACE: UNITED STATES, 1935-47

YEAR	PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION		
	All races	White	Nonwhite
1947	95.5	97.0	85.5
1946	95.1	96.7	84.4
1945	94.5	96.3	83.5
1944	94.1	96.0	82.7
1943	93.9	95.6	82.5
1942	93.5	95.3	81.9
1941	92.8	94.5	81.6
1940	92.5	94.0	81.3
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	90.5	92.5	78.7

Age, sex, and race

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

⁵For 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.

Population bases⁶

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. Comparison of July 1, 1947, 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). It is, therefore, of little significance to distinguish between the different estimated populations in computing birth and death rates. Beginning with 1947 data, the birth rates for the United States and for the individual States are based on the estimated populations present in the area. This procedure places the United States and individual State birth rates on the same base, and has the additional advantage of making the crude birth and death rates strictly comparable in this respect.

Large-scale population changes during the war and immediate postwar years necessitated adoption of special rules regarding the population bases used in computing birth and death rates. The transfer overseas of several million men and the large-scale shifts of population within the continental United States made it impossible to compute 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.

For these years crude birth rates 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 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 seemed to be most nearly comparable with rates for prewar years, although they, too, involved certain limitations.

Population estimates

Since birth and death rates are ratios of the number of births and deaths 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

⁶For a more detailed discussion of this problem see, "Vital Statistics of the United States, Part I, 1946," pp. VIII-X.

years population estimates must be used.⁷

The estimates of the population of the United States for the postcensal dates, July 1, 1940, 1941, 1942, 1943, 1944, 1945, 1946, and 1947, 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 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 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 1947, 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 1947 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 Interna-

tional 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 1947, 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,

⁷For discussion of population estimates for years prior to 1940, see "Vital Statistics of the United States, Part I, 1946," p. XIII.

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 study⁸ on the comparability of titles in the 1929 and 1938 revisions of the International List.

⁸Dunn, 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.

EFFECT OF RESIDENCE ALLOCATION ON NATALITY STATISTICS

Of the 3,699,940 live births registered in the United States in 1947, 2,352,063 occurred in the city or county in which the mother of the child usually resided; and 1,347,877, or 36.4 percent, were nonresident births as compared with 1,151,941, or 35.0 percent, in 1946. 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 to 6.8 per-

TABLE E.—BIRTHS TO NONRESIDENTS IN EACH STATE AND BIRTHS TO RESIDENTS IN OTHER STATES: 1947
(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-----	3,699,940	1,347,877	1,256,494	91,383	1,347,877	1,256,494	91,383	3,699,940
Alabama-----	96,981	24,691	23,661	1,030	25,626	23,661	2,165	88,116
Arizona-----	19,492	7,982	7,193	699	7,543	7,193	350	19,153
Arkansas-----	49,132	15,544	15,998	1,656	15,395	13,968	1,507	48,883
California-----	245,492	109,916	107,430	1,486	109,323	107,430	1,893	245,889
Colorado-----	33,236	12,051	10,957	1,094	11,689	10,957	732	32,874
Connecticut-----	44,724	18,158	17,439	719	19,015	17,439	1,576	45,581
Delaware-----	7,897	3,631	3,111	520	3,461	3,111	350	7,717
District of Columbia-----	28,490	8,424	...	8,424	1,630	...	1,630	21,896
Florida-----	61,563	21,763	18,700	3,063	20,007	18,700	1,307	59,807
Georgia-----	95,532	30,597	28,322	2,275	30,008	28,322	1,687	94,944
Idaho-----	15,843	7,385	6,765	620	7,807	6,765	1,042	16,265
Illinois-----	192,310	67,050	65,079	1,971	70,747	65,079	5,668	196,007
Indiana-----	96,726	39,216	36,439	2,777	38,648	36,439	2,410	98,358
Iowa-----	65,007	30,040	27,407	2,633	28,891	27,407	1,484	63,858
Kansas-----	43,151	16,910	15,152	1,758	18,294	15,152	3,142	44,535
Kentucky-----	79,809	20,475	18,390	2,085	20,653	18,390	2,263	79,987
Louisiana-----	74,415	23,021	22,319	702	23,236	22,319	917	74,630
Maine-----	25,556	8,999	8,678	321	9,316	8,678	638	25,873
Maryland-----	54,917	17,770	14,205	3,565	19,540	14,205	5,335	56,687
Massachusetts-----	108,494	42,108	39,867	2,241	41,405	39,867	1,538	107,791
Michigan-----	160,886	66,484	65,052	1,432	66,703	65,052	1,651	161,085
Minnesota-----	75,478	28,666	28,775	1,891	28,765	28,775	1,990	75,577
Mississippi-----	66,721	14,394	13,038	1,356	14,123	13,038	1,085	66,450
Missouri-----	92,324	34,437	29,800	4,637	32,173	29,800	2,573	90,060
Montana-----	14,780	5,052	4,824	228	5,358	4,824	534	15,086
Nebraska-----	32,017	11,610	10,513	1,097	11,725	10,513	1,212	32,132
Nevada-----	4,190	1,321	1,032	289	1,172	1,032	140	4,041
New Hampshire-----	13,658	5,176	3,912	1,264	4,785	3,912	873	13,267
New Jersey-----	103,195	55,254	54,055	1,199	56,301	54,055	4,246	106,242
New Mexico-----	20,536	5,966	4,867	1,079	5,752	4,867	865	20,322
New York-----	324,248	100,322	97,019	3,903	99,924	97,019	2,905	323,250
North Carolina-----	113,690	41,379	39,984	2,395	40,566	39,984	1,582	112,877
North Dakota-----	17,344	8,540	7,319	1,221	8,280	7,319	941	17,064
Ohio-----	197,275	73,862	70,089	3,763	73,899	70,089	3,799	197,311
Oklahoma-----	52,971	17,431	16,225	1,306	18,144	16,225	2,019	53,684
Oregon-----	36,369	16,479	15,296	1,183	16,404	15,296	1,108	36,294
Pennsylvania-----	248,573	106,916	102,744	4,172	106,856	102,744	4,112	248,513
Rhode Island-----	10,501	8,247	7,335	912	8,292	7,335	947	10,536
South Carolina-----	59,203	16,978	16,167	811	17,245	16,167	1,078	59,470
South Dakota-----	16,277	7,276	6,560	716	7,540	6,560	960	16,539
Tennessee-----	89,921	27,854	23,415	4,439	25,552	23,415	2,137	86,619
Texas-----	197,254	49,544	48,044	1,500	50,852	48,044	2,808	198,662
Utah-----	21,972	8,660	8,110	550	8,412	8,110	302	21,724
Vermont-----	9,320	4,177	3,758	421	4,583	3,758	809	9,708
Virginia-----	62,141	28,304	25,110	3,194	31,808	25,110	6,793	65,740
Washington-----	59,429	22,905	20,704	2,201	21,957	20,704	1,253	58,481
West Virginia-----	55,468	16,245	15,438	2,807	17,862	15,438	2,424	55,085
Wisconsin-----	83,321	35,522	34,276	1,246	36,260	34,276	1,984	84,059
Wyoming-----	7,161	1,643	1,303	340	1,802	1,303	499	7,320

cent. 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 1947, by place of occurrence and by place of residence, is given by States in table E. 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 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 F. Excluding the District of Columbia, the largest differences occurred for Virginia and Vermont where the occurrence figures were 4.2 and 4.0 percent, respectively, lower than the residence figures. For Nevada, New Hampshire, and Florida, the occur-

TABLE F.—DIFFERENCE BETWEEN RESIDENT AND RECORDED BIRTHS: EACH STATE, 1947

(Exclusive of stillbirths)

AREA	DIFFERENCE	
	Number	Percentage ¹
UNITED STATES-----	...	...
Alabama-----	-1,135	-1.3
Arizona-----	+339	+1.8
Arkansas-----	+149	+0.3
California-----	-407	-0.2
Colorado-----	+362	+1.1
Connecticut-----	-657	-1.9
Delaware-----	+170	+2.2
District of Columbia-----	+6,794	+31.3
Florida-----	+1,756	+2.9
Georgia-----	+598	+0.6
Idaho-----	-422	-2.6
Illinois-----	-3,697	-1.9
Indiana-----	+367	+0.4
Iowa-----	+1,149	+1.8
Kansas-----	-1,384	-3.1
Kentucky-----	-178	-0.2
Louisiana-----	-215	-0.3
Maine-----	-517	-1.3
Maryland-----	-1,770	-3.1
Massachusetts-----	+703	+0.7
Michigan-----	-219	-0.1
Minnesota-----	-99	-0.1
Mississippi-----	+271	+0.4
Missouri-----	+2,284	+2.5
Montana-----	-308	-2.0
Nebraska-----	-115	-0.4
Nevada-----	+149	+3.7
New Hampshire-----	+391	+2.9
New Jersey-----	-3,047	-2.9
New Mexico-----	+214	+1.1
New York-----	+998	+0.3
North Carolina-----	+813	+0.7
North Dakota-----	+280	+1.6
Ohio-----	-36	-0.0
Oklahoma-----	-713	-1.5
Oregon-----	+75	+0.2
Pennsylvania-----	+60	+0.0
Rhode Island-----	-35	-0.2
South Carolina-----	-267	-0.4
South Dakota-----	-252	-1.6
Tennessee-----	+2,302	+2.7
Texas-----	-1,408	-0.7
Utah-----	+248	+1.1
Vermont-----	-388	-4.0
Virginia-----	-3,599	-4.2
Washington-----	+948	+1.6
West Virginia-----	+383	+0.7
Wisconsin-----	-738	-0.9
Wyoming-----	-189	-2.2

¹In computing percentages, resident births have been used as the base.

rence totals were 3.7, 2.9, and 2.9 percent, respectively, higher than the residence totals.

Table G gives the trend of the percentage of nonresident births in the United States from 1939 to 1947. It is evident that the proportion of nonresidents has increased steadily from 19.4 percent of all registered births in 1939 to 36.4 percent in 1947. 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 1947. 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 AS).

TABLE G.—NUMBER AND PERCENT OF NONRESIDENT BIRTHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-47

YEAR	Total births	NONRESIDENT BIRTHS			PERCENT OF NON-RESIDENT BIRTHS		
		Total	From same State	From other States	Total	From same State	From other States
1947-----	3,699,940	1,347,877	1,256,494	91,383	36.4	34.0	2.5
1946-----	3,286,672	1,151,941	1,072,030	79,911	35.0	32.6	2.4
1945-----	2,735,456	922,084	844,778	77,306	33.7	30.9	2.8
1944-----	2,794,800	871,785	798,776	73,009	31.2	28.6	2.6
1943-----	2,934,860	838,809	774,252	64,557	28.6	26.4	2.2
1942-----	2,808,996	754,828	684,160	50,668	26.1	24.4	1.8
1941-----	2,513,427	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-----	2,265,588	438,992	410,365	28,627	19.4	18.1	1.2

Table H shows the difference in 1947 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.⁹

TABLE H.—RESIDENT AND RECORDED BIRTHS AND PERCENTAGE DIFFERENCE; URBAN AND RURAL: UNITED STATES, 1947

(Exclusive of stillbirths)

AREA	Births to residents	Births in area	Difference	Percentage difference ¹
UNITED STATES-----	3,699,940	3,699,940	...	...
Urban-----	2,215,106	2,939,747	+724,641	+32.7
Places of 100,000 or more-----	1,045,045	1,261,929	+216,884	+20.8
Places of 25,000 to 100,000-----	453,599	647,094	+193,555	+42.7
Places of 10,000 to 25,000-----	319,411	463,450	+144,039	+45.1
Places of 2,500 to 10,000-----	337,111	567,274	+230,163	+68.9
Rural-----	1,484,834	760,193	-724,641	-48.8

¹In computing percentages, resident births have been used as the base.

The proportion of rural residents who go to urban areas for delivery has increased rapidly as shown in table J. In 1939, the earliest year for which strictly comparable figures are available, the number of births occurring in rural areas was 17.5 percent less than the number of births to residents of rural areas. By 1947, this difference had increased to 48.8

⁹Tuthill, 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.

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 32.7 percent in 1947. 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 J.—PERCENTAGE¹ DIFFERENCE BETWEEN RESIDENT AND RECORDED BIRTHS; URBAN AND RURAL: UNITED STATES, 1939-47

AREA	Year								
	1947	1946	1945	1944	1943	1942	1941	1940	1939
Urban	+32.7	+30.4	+27.7	+27.1	+24.7	+21.9	+21.1	+18.7	+15.6
Places of 100,000 or more	+20.8	+19.8	+18.1	+19.0	+17.2	+17.0	+17.1	+15.7	+13.9
Places of 25,000 to 100,000	+42.7	+40.0	+35.4	+34.3	+31.3	+28.4	+27.5	+25.0	+22.2
Places of 10,000 to 25,000	+45.1	+41.0	+37.7	+35.6	+32.4	+29.2	+27.6	+24.3	+19.0
Places of 2,500 to 10,000	+42.9	+39.2	+36.9	+35.8	+31.5	+25.0	+19.5	+15.0	+11.3
Rural	-48.8	-45.9	-40.2	-37.5	-34.7	-30.7	-26.0	-21.7	-17.5

¹In computing percentages, resident births have been used as the base.

The number of births in 1947, by place of residence and by place of occurrence, is given in table K 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, and Somerville. 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 1,445,370 deaths registered in the continental United States in 1947, 266,081, or 18.4 percent, were nonresidents of the city or county in which the death occurred. This proportion of nonresident deaths is slightly lower than the 18.5 percent recorded in 1946.

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 266,081 nonresident deaths in 1947, 39,307 were interstate nonresidents. These comprise 14.8 percent of all nonresident deaths and only 2.7 percent of all deaths.

The effect of allocation of deaths in 1947 to the place of residence is given in table L. 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.

TABLE K.—RESIDENT AND RECORDED BIRTHS, AND PERCENTAGE DIFFERENCE: CITIES HAVING, IN 1940, POPULATIONS OF 100,000 OR MORE, 1947 (Exclusive of stillbirths)

AREA	Births to residents	Births in area	DIFFERENCE	
			Number	Percentage ¹
Albany	8,497	10,548	+2,051	+24.1
Albany	3,296	4,888	+1,592	+48.3
Atlanta	9,165	14,242	+5,077	+55.4
Baltimore	24,364	31,235	+6,871	+28.2
Birmingham	8,028	10,754	+2,726	+34.0
Boston	18,460	25,872	+7,412	+29.3
Bridgeport	4,055	5,760	+1,705	+42.0
Buffalo	13,726	18,105	+4,379	+31.9
Cambridge	3,240	4,010	+770	+23.8
Camden	3,208	6,131	+2,923	+91.1
Canton	5,509	5,159	-350	-6.3
Charlotte	5,199	5,643	+444	+8.5
Chattanooga	4,308	5,944	+1,636	+38.0
Chicago	85,795	82,690	-3,105	-3.6
Cincinnati	12,501	17,239	+4,738	+37.9
Cleveland	24,677	29,732	+5,055	+20.5
Columbus	9,514	13,779	+4,265	+44.8
Dallas	10,136	13,898	+3,762	+37.1
Dayton	9,121	11,624	+2,503	+27.4
Denver	10,521	13,805	+3,284	+31.2
Des Moines	4,704	6,259	+1,555	+33.1
Detroit	45,066	50,328	+5,262	+11.7
Duluth	2,615	3,365	+750	+28.6
Elizabeth	2,735	4,335	+1,600	+58.5
Erie	3,852	5,039	+1,187	+30.8
Fall River	2,833	3,724	+891	+31.5
Flint	4,566	7,243	+2,677	+58.6
Fort Wayne	3,657	4,938	+1,281	+35.0
Fort Worth	7,236	8,424	+1,188	+16.4
Gary	5,714	4,671	-1,043	-18.3
Grand Rapids	4,973	6,226	+1,253	+25.2
Hartford	4,446	8,782	+4,336	+97.5
Houston	15,378	16,789	+1,411	+9.2
Indianapolis	11,972	12,928	+956	+8.0
Jacksonville, Fla.	5,986	7,232	+1,246	+20.8
Jersey City	7,275	11,256	+3,981	+54.7
Kansas City, Kans.	5,788	4,121	-1,667	-28.8
Kansas City, Mo.	10,365	13,978	+3,613	+34.9
Knoxville	3,719	5,604	+1,885	+50.7
Long Beach	6,299	6,365	+66	+1.0
Los Angeles	47,035	59,051	+12,016	+25.5
Louisville	10,898	13,313	+2,415	+22.2
Lowell	2,383	3,196	+813	+34.1
Memphis	8,498	12,140	+3,642	+42.9
Miami	4,861	5,989	+1,128	+23.2
Milwaukee	14,939	18,615	+3,676	+24.6
Minneapolis	13,491	17,501	+4,010	+29.7
Monrville	6,183	7,650	+1,467	+23.7
Newark, N. J.	10,544	14,658	+4,114	+39.0
New Bedford	2,501	2,251	-250	-10.0
New Haven	3,942	6,324	+2,382	+60.4
New Orleans	15,502	20,999	+5,497	+35.5
New York	167,085	170,356	+3,271	+2.0
Norfolk	4,442	6,685	+2,243	+50.5
Oakland	9,916	14,620	+4,704	+47.4
Oklahoma City	6,547	7,762	+1,215	+18.6
Omaha	6,642	7,814	+1,172	+17.6
Paterason	3,115	5,885	+2,770	+89.0
Pearia	2,868	5,114	+2,246	+78.3
Philadelphia	47,915	52,969	+5,054	+10.5
Pittsburgh	18,693	24,608	+5,915	+31.7
Portland, Oreg.	10,043	15,131	+5,088	+50.7
Providence	6,000	11,198	+5,198	+86.6
Reading	2,379	2,128	-251	-10.6
Richmond	5,771	8,856	+3,085	+53.3
Rochester	7,994	11,520	+3,526	+44.1
Sacramento	3,140	6,580	+3,440	+110.2
St. Louis	20,510	27,005	+6,495	+31.7
St. Paul	8,722	10,669	+1,947	+22.3
Salt Lake City	5,822	8,034	+2,212	+38.0
San Antonio	13,269	13,989	+720	+5.4
San Diego	9,187	9,947	+760	+8.3
San Francisco	17,569	19,627	+2,058	+11.7
Sarantou	2,831	4,298	+1,467	+51.8
Seattle	14,482	16,281	+1,799	+12.4
Somerville	2,519	1,766	-753	-29.9
South Bend	3,194	3,688	+494	+15.5
Spokane	4,048	5,811	+1,763	+43.6
Springfield, Mass.	4,151	5,615	+1,464	+35.3
Syracuse	4,878	8,220	+3,342	+68.5
Tacoma	3,899	5,414	+1,515	+38.9
Tampa	3,977	4,352	+375	+9.4
Toledo	8,964	10,745	+1,781	+19.8
Trenton	2,927	5,495	+2,568	+87.7
Tulsa	4,594	5,794	+1,200	+26.1
Utica	2,472	3,770	+1,298	+52.5
Washington, D. C.	21,688	28,480	+6,792	+31.3
Wichita	5,995	5,822	-173	-2.9
Wilmington, Del.	3,143	7,887	+4,744	+150.9
Worcester	4,681	6,356	+1,675	+35.8
Yonkers	3,202	3,650	+448	+13.9
Youngstown	4,870	6,515	+1,645	+33.8

¹In computing percentages, resident births have been used as the base.

INTRODUCTION

TABLE L.—DEATHS OF NONRESIDENTS IN EACH STATE AND DEATHS OF RESIDENTS IN OTHER STATES: 1947
(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	
UNITED STATES-----	1,445,370	266,081	226,774	39,307	266,081	226,774	39,307	1,445,370
Alabama-----	26,054	4,829	4,376	453	5,142	4,376	766	26,347
Arizona-----	6,514	1,614	835	779	1,132	835	297	6,032
Arkansas-----	14,945	3,020	2,357	663	5,170	2,357	815	15,085
California-----	56,877	20,253	18,723	1,570	20,013	18,723	1,290	96,697
Colorado-----	12,627	2,508	1,916	592	2,294	1,916	378	12,615
Connecticut-----	18,978	3,300	2,870	430	3,475	2,870	605	19,153
Delaware-----	3,371	636	453	183	610	453	157	3,345
District of Columbia-----	8,467	1,049	...	1,049	836	...	836	8,254
Florida-----	25,471	6,729	4,588	2,140	5,540	4,588	952	24,283
Georgia-----	29,146	5,369	4,432	898	5,188	4,432	696	28,946
I Idaho-----	4,660	956	708	248	1,076	708	368	4,780
Illinois-----	92,335	16,082	14,508	1,554	17,388	14,508	2,847	93,686
Indiana-----	40,410	7,635	6,567	1,068	7,792	6,567	1,225	40,567
Iowa-----	26,625	5,646	4,679	967	5,505	4,679	826	26,484
Kansas-----	18,784	3,338	2,457	881	3,254	2,457	797	18,700
Kentucky-----	26,003	4,521	3,878	643	4,889	3,878	1,011	28,371
Louisiana-----	23,712	5,034	4,366	668	4,717	4,366	351	23,395
Maine-----	9,986	2,211	1,944	267	2,204	1,944	260	9,959
Maryland-----	22,983	4,563	3,946	1,417	3,860	2,946	914	22,480
Massachusetts-----	51,824	7,255	6,261	994	7,165	6,261	924	51,754
Michigan-----	56,847	10,045	9,262	783	10,335	9,262	1,073	57,137
Minnesota-----	28,367	5,973	4,728	1,245	5,397	4,728	659	27,781
Mississippi-----	19,880	3,075	2,705	370	3,457	2,705	732	20,212
Missouri-----	44,734	7,263	5,685	1,578	7,101	5,685	1,416	44,672
Montana-----	5,685	1,094	895	199	1,159	895	264	5,780
Nebraska-----	12,615	2,647	2,172	475	2,705	2,172	533	12,871
Nevada-----	1,675	866	175	191	514	175	159	1,623
New Hampshire-----	6,223	1,073	663	410	1,044	663	381	6,194
New Jersey-----	47,521	11,062	9,719	1,343	11,722	9,719	2,003	49,181
New Mexico-----	5,623	1,470	958	512	1,516	958	360	5,471
New York-----	157,525	19,919	17,692	2,227	20,126	17,692	2,436	157,734
North Carolina-----	30,220	6,360	5,673	687	6,327	5,673	654	30,187
North Dakota-----	5,147	1,352	1,106	246	1,457	1,106	351	5,252
Ohio-----	81,967	12,420	10,961	1,459	12,707	10,961	1,746	82,254
Oklahoma-----	18,784	3,394	2,993	401	3,327	2,993	334	19,327
Oregon-----	13,680	2,274	1,660	594	2,115	1,660	435	13,501
Pennsylvania-----	110,058	22,701	20,944	1,757	23,122	20,944	2,178	110,459
Rhode Island-----	8,324	1,671	1,401	270	1,715	1,401	314	8,368
South Carolina-----	17,150	3,729	3,395	334	3,609	3,395	434	17,230
South Dakota-----	5,707	1,546	1,262	284	1,560	1,262	307	5,750
Tennessee-----	29,478	5,683	4,081	1,602	4,796	4,081	715	28,591
Texas-----	62,435	10,515	9,599	916	10,742	9,599	1,143	62,662
Utah-----	5,176	1,222	893	329	1,042	893	149	4,996
Vermont-----	4,354	943	739	205	967	739	229	4,378
Virginia-----	28,986	5,312	4,396	916	5,509	4,396	1,113	29,193
Washington-----	22,000	3,538	2,997	641	3,517	2,997	620	21,979
West Virginia-----	17,361	4,194	3,547	647	4,051	3,547	704	17,218
Wisconsin-----	33,220	8,419	7,608	811	8,418	7,608	810	33,219
Wyoming-----	2,378	435	222	213	406	222	184	2,349

An inspection of table M 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 M, the greatest differences between the number of recorded and resident deaths were reported in 1947 for Arizona where the recorded total exceeded the number of resident deaths by 8.0 percent and for Florida where the difference was 4.9 percent. For Utah the number of deaths by place of occurrence was 3.6 percent greater than the corresponding figure by place of residence, and for some States the difference was only 0.1 percent.

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 N, has been much less than 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 18.4 percent in 1947. 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 nonresident 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 BY).

The reallocation of deaths to the place of residence of the decedent affects mortality data for urban places of various population sizes. Table O shows, for places classified according to population size, the total number of deaths of residents in 1947, 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

TABLE M.—DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS: EACH STATE, 1947

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

AREA	DIFFERENCE	
	Number	Percentage ¹
UNITED STATES-----	...	...
Alabama-----	-313	-1.2
Arizona-----	+482	+8.0
Arkansas-----	-150	-1.0
California-----	+280	+0.3
Colorado-----	+214	+1.7
Connecticut-----	-175	-0.9
Delaware-----	+26	+0.8
District of Columbia-----	+213	+2.6
Florida-----	+1,188	+4.9
Georgia-----	+200	+0.7
Idaho-----	-120	-2.5
Illinois-----	-1,293	-1.4
Indiana-----	-157	-0.4
Iowa-----	+141	+0.5
Kansas-----	+84	+0.4
Kentucky-----	-368	-1.5
Louisiana-----	+317	+1.4
Maine-----	+7	+0.1
Maryland-----	+505	+2.2
Massachusetts-----	+70	+0.1
Michigan-----	-280	-0.5
Minnesota-----	+586	+2.1
Mississippi-----	-382	-1.8
Missouri-----	+182	+0.4
Montana-----	-65	-1.1
Nebraska-----	-56	-0.4
Nevada-----	+82	+3.2
New Hampshire-----	+29	+0.5
New Jersey-----	-680	-1.4
New Mexico-----	+152	+2.8
New York-----	-209	-0.1
North Carolina-----	+33	+0.1
North Dakota-----	-105	-2.0
Ohio-----	-287	-0.3
Oklahoma-----	-533	-2.8
Oregon-----	+159	+1.2
Pennsylvania-----	-421	-0.4
Rhode Island-----	-44	-0.5
South Carolina-----	-80	-0.5
South Dakota-----	-23	-0.4
Tennessee-----	+887	+3.1
Texas-----	-227	-0.4
Utah-----	+180	+3.8
Vermont-----	-24	-0.5
Virginia-----	-197	-0.7
Washington-----	+21	+0.1
West Virginia-----	+143	+0.8
Wisconsin-----	+1	+0.0
Wyoming-----	+29	+1.2

¹In computing percentages, resident deaths have been used as the base.

TABLE N.—NUMBER AND PERCENT OF NONRESIDENT DEATHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-47

YEAR	Total deaths	NONRESIDENT DEATHS			PERCENT OF NON-RESIDENT DEATHS		
		Total	From same State	From other States	Total	From same State	From other States
1947-----	1,445,370	266,081	226,774	39,307	18.4	15.7	2.7
1946-----	1,395,617	257,886	219,565	38,321	18.5	15.7	2.7
1945-----	1,401,719	284,793	216,531	38,262	18.2	15.4	2.7
1944-----	1,411,338	245,678	206,603	37,075	17.3	14.6	2.6
1943-----	1,459,544	266,739	228,282	38,457	18.5	15.6	2.8
1942-----	1,385,187	244,752	210,355	33,797	17.7	15.2	2.4
1941-----	1,397,842	246,811	213,108	33,703	17.7	15.2	2.4
1940-----	1,417,269	209,176	179,365	29,811	14.8	12.7	2.1
1939-----	1,387,897	195,612	168,389	27,223	14.1	12.1	2.0

TABLE O.—RESIDENT AND RECORDED DEATHS AND PERCENTAGE DIFFERENCE; URBAN AND RURAL: UNITED STATES, 1947

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

AREA	Deaths of residents	Deaths in area	Difference	Percentage difference ¹
UNITED STATES-----	1,445,370	1,445,370	...	...
Urban-----	913,008	992,303	+79,295	+8.7
Places of 100,000 or more-----	454,431	479,616	+25,187	+5.5
Places of 25,000 to 100,000-----	180,550	205,895	+25,345	+14.0
Places of 10,000 to 25,000-----	125,073	138,873	+13,800	+12.8
Places of 2,500 to 10,000-----	164,954	167,917	+2,963	+8.4
Rural-----	532,362	453,067	-79,295	-14.9

¹In computing percentages, resident deaths have been used as the base.

TABLE P.—PERCENTAGE¹ DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS; URBAN AND RURAL: UNITED STATES, 1939-47

AREA	1947	1946	1945	1944	1943	1942	1941	1940	1939
Urban-----	+8.7	+8.7	+8.6	+7.7	+8.9	+8.7	+8.5	+7.4	+6.7
Places of 100,000 or more-----	+5.5	+5.8	+6.0	+4.3	+6.1	+5.7	+5.2	+5.1	+5.0
Places of 25,000 to 100,000-----	+14.0	+14.3	+13.6	+13.3	+13.5	+13.1	+13.9	+12.1	+10.9
Places of 10,000 to 25,000-----	+12.8	+12.7	+12.7	+12.8	+13.3	+13.4	+13.4	+12.1	+8.1
Places of 2,500 to 10,000-----	+8.4	+7.6	+7.3	+7.2	+8.7	+8.8	+8.1	+4.9	+5.2
Rural-----	-14.9	-15.1	-14.9	-12.9	-14.8	-15.8	-12.9	-11.2	-10.0

¹In computing percentages, resident deaths have been used as the base.

the totals of resident and recorded deaths for urban and rural areas is given in table P. 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 14.9 percent in 1947. Conversely, the excess of deaths in urban areas over deaths of urban residents increased from 6.7 percent in 1939 to 8.7 percent in 1947.

The number of resident and recorded deaths in 1947 and the percentage differences between these figures are shown in table Q for 92 individual cities having populations of 100,000 or more in 1940. In all except 7 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 Q.—RESIDENT AND RECORDED DEATHS, AND PERCENTAGE DIFFERENCE: CITIES HAVING, IN 1940, POPULATIONS OF 100,000 OR MORE, 1947

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

AREA	Deaths of residents	Deaths in area	DIFFERENCE	
			Number	Percentage ¹
Akron	2,425	2,538	+115	+4.7
Albany	1,708	1,970	+261	+15.3
Atlanta	3,779	4,088	+309	+8.2
Baltimore	10,721	11,501	+780	+7.3
Birmingham	2,843	3,333	+490	+17.9
Boston	9,934	11,348	+1,414	+14.2
Bridgeport	1,684	1,747	+63	+5.0
Buffalo	6,782	7,482	+700	+10.6
Cambridge	1,540	1,567	+27	+1.8
Canton	1,352	1,727	+375	+27.7
Canton	1,246	1,354	+108	+8.7
Charlotte	1,017	1,309	+292	+28.7
Chattanooga	1,610	1,915	+305	+18.9
Chicago	40,285	39,154	-1,131	-2.8
Cincinnati	6,547	7,272	+725	+11.1
Cleveland	10,230	10,704	+474	+4.0
Columbus	4,117	4,789	+672	+16.3
Dallas	3,216	3,809	+593	+18.4
Dayton	2,796	2,905	+109	+3.9
Denver	4,218	4,807	+589	+14.0
Des Moines	1,869	2,249	+380	+20.3
Detroit	14,821	14,855	+34	+0.2
Duluth	1,138	1,277	+139	+12.2
Elizabeth	1,194	1,324	+130	+10.9
Erie	1,400	1,528	+128	+9.0
Fall River	1,482	1,555	+73	+4.9
Flint	1,390	1,572	+182	+13.1
Fort Wayne	1,334	1,519	+185	+13.8
Fort Worth	2,276	2,374	+98	+4.3
Gary	1,231	1,292	+61	+4.0
Grand Rapids	1,823	1,877	+54	+3.0
Hartford	1,803	2,192	+389	+21.6
Houston	4,896	5,092	+196	+4.0
Indianapolis	5,028	5,610	+582	+11.6
Jacksonville, Fla.	2,056	2,254	+198	+9.6
Jersey City	3,366	3,733	+367	+10.9
Kansas City, Kans.	1,502	1,726	+224	+14.9
Kansas City, Mo.	5,322	5,574	+252	+4.7
Knoxville	1,273	1,392	+119	+9.4
Long Beach	2,370	2,202	-168	-7.1
Los Angeles	21,157	21,378	+221	+1.1
Louisville	4,310	4,594	+284	+6.6
Lowell	1,215	1,292	+77	+6.3
Memphis	3,280	4,202	+922	+28.1
Miami	2,423	2,458	+35	+1.4
Milwaukee	6,376	5,885	-491	-7.7
Minneapolis	5,283	5,824	+541	+10.2
Nashville	2,217	2,638	+421	+19.0
Newark, N. J.	4,901	5,108	+207	+4.2
New Bedford	1,284	1,268	-16	-1.2
New Haven	1,872	2,204	+332	+17.7
New Orleans	6,154	7,419	+1,265	+20.6
New York	61,402	80,817	+19,415	+31.6
Norfolk	1,899	1,935	+36	+1.9
Oakland	4,210	4,561	+351	+8.3
Oklahoma City	1,906	2,367	+461	+24.2
Omaha	2,707	3,084	+377	+13.9
Paterson	1,595	1,868	+273	+17.1
Peoria	1,161	1,503	+342	+29.5
Philadelphia	24,129	24,633	+504	+2.1
Pittsburgh	7,992	8,876	+884	+11.1
Portland, Oreg.	4,178	4,551	+373	+8.9
Providence	2,832	3,273	+441	+15.6
Reading	1,308	1,246	-62	-4.7
Richmond	2,570	3,039	+469	+18.2
Rochester	5,885	4,197	-1,688	-28.7
Sacramento	1,779	2,079	+300	+16.9
St. Louis	11,088	12,111	+1,023	+9.2
St. Paul	3,075	3,382	+307	+10.0
Salt Lake City	1,576	1,967	+391	+24.8
San Antonio	3,760	3,946	+186	+4.9
San Diego	2,647	2,946	+299	+11.3
San Francisco	9,183	9,582	+399	+4.3
Scranton	1,523	1,742	+219	+14.4
Seattle	5,339	5,354	+15	+0.3
Scranton	1,048	840	-208	-19.7
South Bend	1,051	1,063	+12	+1.1
Spokane	1,778	2,067	+289	+16.3
Springfield, Mass.	1,783	1,958	+175	+9.8
Syracuse	2,497	2,786	+289	+11.6
Tacoma	1,641	1,766	+125	+7.6
Tampa	1,572	1,675	+103	+6.6
Toledo	3,931	4,193	+262	+6.7
Trenton	1,590	1,967	+377	+23.7
Tulsa	1,492	1,805	+313	+20.9
Utica	1,447	1,548	+101	+7.0
Washington, D. C.	8,254	8,467	+213	+2.6
Wichita	1,356	1,484	+128	+9.4
Wilmington, Del.	1,378	1,598	+220	+16.0
Worcester	2,475	2,668	+193	+7.8
Yonkers	1,385	1,591	+206	+14.9
Youngstown	1,908	2,050	+142	+7.4

¹In computing percentages, resident deaths have been used as the base.

NATALITY STATISTICS

Births in 1947

There were 3,699,940 live births registered in the United States in 1947. This is by far the largest number recorded in the history of this country and represents an increase of 12.5 percent over 1946, the previous peak year. The 1947 figure becomes more striking when comparisons are made with corresponding figures in the prewar period (table R). In 1940, only 7 years earlier, registered births were about 1,340,000 less than in 1947.

TABLE R.—CRUDE BIRTH RATES: BIRTH-REGISTRATION STATES, 1915-1947

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

YEAR	Estimated midyear population of continental United States ¹	BIRTH-REGISTRATION STATES			
		Estimated midyear population ¹		Births	
		Number	Percent of total	Number	Rate
1947	143,414,000	143,414,000	100.0	3,699,940	25.8
1946	141,235,000	141,235,000	100.0	3,288,672	23.3
1945	139,585,518	139,585,518	100.0	2,735,456	19.6
1944	138,083,448	138,083,448	100.0	2,784,900	20.2
1943	136,487,049	136,487,049	100.0	2,834,960	20.8
1942	134,664,924	134,664,924	100.0	2,808,996	20.9
1941	133,202,873	133,202,873	100.0	2,513,427	18.9
1940	131,970,224	131,970,224	100.0	2,360,398	17.9
1939	130,879,718	130,879,718	100.0	2,285,588	17.5
1938	129,824,939	129,824,939	100.0	2,286,962	17.6
1937	128,824,829	128,824,829	100.0	2,203,337	17.1
1936	128,053,180	128,053,180	100.0	2,144,790	16.7
1935	127,250,232	127,250,232	100.0	2,155,105	16.9
1934	126,373,773	126,373,773	100.0	2,167,636	17.2
1933	125,578,753	125,578,753	100.0	2,081,232	16.6
1932	124,840,471	118,905,899	95.2	2,074,042	17.4
1931	124,039,648	117,455,229	94.7	2,112,780	18.0
1930	123,076,741	116,544,946	94.7	2,203,958	18.3
1929	121,769,939	115,317,450	94.7	2,169,920	18.8
1928	120,501,115	113,656,160	94.3	2,233,149	19.7
1927	119,039,052	104,320,650	87.6	2,137,836	20.5
1926	117,399,225	90,400,590	77.0	1,856,068	20.5
1925	115,631,963	88,294,564	76.2	1,678,880	21.3
1924	114,113,463	87,000,295	76.2	1,930,614	22.2
1923	111,949,945	81,072,123	72.4	1,792,646	22.1
1922	110,054,778	79,560,746	72.3	1,774,811	22.5
1921	108,541,489	70,807,080	65.2	1,714,261	24.2
1920	106,466,420	63,597,307	59.7	1,508,874	23.7
1918	104,512,110	61,212,076	58.6	1,373,438	22.4
1916	103,202,801	55,153,762	53.4	1,265,649	24.7
1917	103,285,913	55,197,952	53.5	1,353,792	24.5
1916	101,965,984	32,844,013	32.3	618,983	24.9
1915	100,549,013	31,086,697	30.9	776,304	25.0

¹For 1947, excludes armed forces overseas; for 1940-46, includes armed forces overseas.
²Rate for 1947 including armed forces overseas is 25.7.

The crude birth rate in 1947 rose to 25.8 per 1,000 population excluding the armed forces overseas. This is the highest rate recorded since the establishment of the birth-registration area in 1915. The increase in the birth rate between 1946 and 1947 was almost entirely due to a rise in fertility among women under 30 years of age. First and second children formed a greater proportion of the babies born in 1947 than in any other year on record.

The relative increase in the 1947 crude birth rate over the 1946 rate was about the same (11 percent) for the white population as for the nonwhite. The rates were 25.5 for the white race group and 28.2 for the nonwhite in 1947. All areas throughout the country experienced a rise in the birth rate. The crude birth rate in 1947 for residents of urban areas was 54.4 percent above the rate in 1940, the last prewar year. The corresponding increase in the rate for rural residents was considerably less (33.5 percent).

Natality trend

Analysis of the long-time trend in the crude birth rate is limited by the comparatively short period in which national birth statistics have been collected. The birth-registration 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. However, important insight to the fluctuation of the birth rate since 1915 may be obtained from a study of the variation in the yearly rates for the expanding birth-registration area. The number of births reported and the crude birth rate for each year since 1915 are shown in table R. The table also gives the estimated midyear population of both the continental United States and the States included in the birth-registration area.

The trend in the crude birth rate for the birth-registration States is characterized by only 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 the 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, and then rose sharply in the immediate postwar period to the 1947 high (25.8).

The rise in the birth rate during the years 1940 to 1943 is generally ascribed to a high degree of prosperity and various war factors.¹⁰ 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 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.

As mentioned above, the trend of the crude birth rate is somewhat affected by the inclusion of additional States in the birth-registration area from year to year. These additions are indicated in table S. The effect on the crude birth rate can be seen by comparing the trend of the rates for the original birth-registration States, given in table T, with that for the expanding area, as shown in table R. In general, the trend of the crude birth rate for these 9 States¹¹ and the District of Columbia is similar to that of the expanding area. However, for the original area the rel-

ative decline from 1921 to 1933 was somewhat greater, the rates from 1933 to 1940 more nearly stable, and the change from 1940 to 1947 more marked than for the expanding area. The 1947 rate for the original area was exceeded by rates recorded for 1915 to 1918. Variations in degree of urbanization, age and racial composition, economic status, and population movements are some of the factors associated with the differences in the natality trends of the fixed registration area and the expanding area. For most years the level of the birth rate in the former area was below that in the expanding area, the period of greatest difference between the rates being 1933 to 1941.

The trends of the birth rates for whites and nonwhites are shown in table U for the period 1920 to 1947. The rate for the nonwhite group is higher than

TABLE S.—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	1927		Idaho
	Michigan		Wisconsin		Alabama	
	Minnesota		California	Arkansas		
	New Hampshire		Oregon	Louisiana		
	New York		South Carolina ³	Missouri		
	Pennsylvania		Nebraska	Tennessee		
	Rhode Island ¹		Delaware	Colorado		
	Vermont		Mississippi	Georgia		
1916	Dist. of Columbia ²	1922	New Jersey	1929	Oklahoma	
	Maryland		Illinois		Nevada	
1917	Indiana	1924	Montana	1932	New Mexico	
	Kansas		Wyoming		1933	South Dakota
	Kentucky		Florida			Texas
	North Carolina		Iowa			
	Ohio		North Dakota			

¹Dropped from the birth-registration area in 1919; readmitted in 1921.

²Included in States.

³Dropped from the birth-registration area in 1925; readmitted in 1928.

TABLE T.—CRUDE BIRTH RATES: ORIGINAL BIRTH-REGISTRATION STATES, 1915-47

(By place of occurrence. Exclusive of stillbirths. Rates per 1,000 estimated midyear population. Data for Rhode Island not included)

YEAR	Estimated midyear population ¹	Births	Crude birth rate
1947	42,889,000	1,037,397	24.2
1946	41,559,000	913,369	22.0
1945	38,089,000	759,899	19.4
1944	37,828,000	744,812	19.7
1943	38,172,000	816,142	21.4
1942	39,265,000	802,122	20.4
1941	39,652,000	698,106	17.6
1940	39,816,000	651,693	16.4
1939	39,676,387	625,732	15.7
1938	39,543,578	629,900	15.9
1937	39,214,011	612,423	15.6
1936	39,044,554	602,931	15.4
1935	38,814,680	605,062	15.6
1934	38,545,182	602,101	15.6
1933	38,305,919	594,117	15.5
1932	38,112,159	631,467	16.6
1931	37,910,026	637,074	17.3
1930	37,701,234	694,433	18.4
1929	37,180,518	683,545	18.6
1928	36,553,749	719,569	19.7
1927	35,972,565	741,102	20.6
1926	35,665,908	735,708	20.6
1925	35,263,051	757,082	21.5
1924	34,709,957	778,525	22.4
1923	34,003,052	760,130	22.4
1922	33,436,089	755,808	22.6
1921	33,012,844	794,229	24.1
1920	32,430,814	773,648	23.9
1919	31,979,065	730,752	22.9
1918	31,244,689	735,997	25.1
1917	31,397,440	766,690	25.1
1916	30,930,435	770,718	24.9
1915	30,500,131	762,399	25.0

¹For 1947, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

¹⁰See 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.

¹¹Data for Rhode Island are not included as the State was dropped from the birth-registration area in 1919 and not readmitted until 2 years later.

that for the white in every year, and the differences would be even greater if corrections were made for underregistration. The trends for the two groups are, in general, fairly similar. During World War II and the postwar period, the rates for the white race varied more sharply than those for the nonwhite. The percentage increase for the former group between 1940 and 1943 was 21.1 percent; for the nonwhite, 11.1 percent. Percentage decreases between 1943 and 1945 were 9.4 and 3.3 percent, respectively. From 1945 to 1947, the birth rate for the white race rose 32.8 percent; and that for the nonwhite, 21.0 percent.

Birth rates for nonwhites in the early years of the birth-registration area should be used with caution, since States with large nonwhite populations were, with few exceptions, relatively late in entering the registration area. Accordingly, nonwhite rates were based on comparatively small numbers and subject to important change from year to year by the addition of only a few States to the registration area.

TABLE U.—BIRTHS AND BIRTH RATES, BY RACE: BIRTH-REGISTRATION STATES, 1920-47

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

YEAR	NUMBER			RATE ¹		
	Total	White	Nonwhite	Total	White	Nonwhite
1947-----	3,699,940	3,274,620	425,320	25.8	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	23.5
1944-----	2,794,800	2,454,700	340,100	20.2	19.8	25.7
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-----	2,360,399	2,067,953	292,446	17.9	17.5	21.7
1939-----	2,265,588	1,982,671	282,917	17.3	16.9	21.2
1938-----	2,286,962	2,005,955	281,007	17.6	17.2	21.2
1937-----	2,203,337	1,928,437	274,900	17.1	16.7	20.9
1936-----	2,144,790	1,861,663	262,907	16.7	16.4	20.1
1935-----	2,155,105	1,869,012	267,093	16.9	16.5	20.6
1934-----	2,167,636	1,898,501	269,135	17.2	16.7	20.9
1933-----	2,081,232	1,825,531	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	1,965,163	250,795	18.9	18.6	21.6
1929-----	2,169,920	1,924,475	245,445	18.6	18.5	21.3
1928-----	2,235,149	1,982,246	250,905	19.7	19.4	22.1
1927-----	2,157,636	1,925,565	232,071	20.5	20.2	23.6
1926-----	1,858,068	1,707,054	149,014	20.5	20.2	25.0
1925-----	1,678,880	1,731,669	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	1,644,054	148,612	22.1	21.9	25.3
1922-----	1,774,911	1,629,587	145,324	22.3	22.1	25.3
1921-----	1,714,261	1,565,446	148,815	24.2	23.9	27.6
1920-----	1,508,674	1,395,523	113,551	25.7	25.5	27.0

¹For 1947, based on population excluding armed forces overseas; for 1940-46, based on populations including armed forces overseas.

Births adjusted for underregistration

Table W indicates the effect of applying percentages of registration completeness, given in table D, on birth figures for each year from 1935 to 1947. The estimated total number of births (registered and unregistered) for 1947 is 3,876,000, and the rate for the year is estimated at 27.0 per 1,000 population excluding the armed forces overseas. The basic analysis of birth data in preceding sections is not materially changed by the adjustments for underregistration. It should be noted that improvement in registration completeness has the effect of reducing percentage change for recorded rates between years when the birth rate rose and of increasing percentage differences between years when the birth rate fell. As pre-

viously discussed, the difference between the rate for whites and that for nonwhites in each year is increased when this factor is taken into consideration. In 1947, the birth rate for registered births among nonwhites (table U) was 10.6 percent higher than the rate for registered births among whites. When allowance is made for underregistration, the rate for nonwhites is 25.9 percent higher than the rate for whites.

For many purposes the number of births adjusted for underregistration is a more significant figure than the number of registered births. This is particularly true where births in a period of several years are to be used. For example, a calculation of the number of children of grade school and grammar school ages in 1953 would be based on the number of births during the years 1940 to 1947, with allowances for subsequent deaths. The total number of registered births for this 8-year period was 23,136,550, while the estimated total number of births corrected for underregistration was 24,595,000, nearly one and a half million more.

TABLE W.—ESTIMATED BIRTHS AND BIRTH RATES CORRECTED FOR UNDERREGISTRATION, BY RACE: UNITED STATES, 1935-47

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

YEAR	NUMBER ¹			RATE ²		
	Total	White	Nonwhite	Total	White	Nonwhite
1947-----	3,876,000	3,377,000	499,000	27.0	26.3	33.1
1946-----	3,459,000	3,013,000	445,000	24.5	23.8	30.1
1945-----	2,894,000	2,486,000	408,000	20.7	19.9	28.0
1944-----	2,969,000	2,559,000	411,000	21.5	20.7	28.7
1943-----	3,127,000	2,714,000	413,000	22.9	22.2	29.5
1942-----	3,003,000	2,610,000	393,000	22.3	21.6	28.5
1941-----	2,710,000	2,332,000	378,000	20.3	19.5	27.7
1940-----	2,559,000	2,196,000	360,000	19.4	18.6	26.7
1939-----	2,468,000	2,117,000	349,000	18.8	18.0	26.1
1938-----	2,436,000	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-----	2,362,000	2,039,000	343,000	18.7	17.8	26.5

¹See table D for estimated completeness of registration.

²For 1947, based on population excluding armed forces overseas; for 1940-46, based on populations including armed forces overseas.

Natural increase of population

In 1947, because of the record number of births, the numerical natural increase of the population reached an all-time high in the history of this country. The annual increase for 1947 (the total number of births less the number of deaths in the year) was estimated to be 2,420,000 or 370,000 more than the revised estimate for 1946, 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. For each registered death in 1947 there were 2.56 registered births in the continental United States.

Crude birth rates by State

Table Y presents 1947 birth rates for each State and geographic division by both place of residence and place of occurrence. On a residence basis these State rates ranged from a high of 37.2 per 1,000 population present in the area for New Mexico to a low

of 22.8 for New York. As in previous years, the rates for the States in the Southern and Mountain areas were generally higher than those for the other States.

TABLE Y.—CRUDE BIRTH RATES BY PLACE OF RESIDENCE AND PLACE OF OCCURRENCE: UNITED STATES, EACH DIVISION AND STATE, 1947

(Exclusive of stillbirths. Rate per 1,000 estimated midyear population present in area)

AREA	Place of residence	Place of occurrence
UNITED STATES	25.8	25.8
GEOGRAPHIC DIVISIONS		
New England	25.9	25.9
Middle Atlantic	23.1	23.1
East North Central	25.1	25.0
West North Central	24.8	24.8
South Atlantic	28.7	28.0
East South Central	29.7	29.9
West South Central	27.2	27.0
Mountain	31.1	31.2
Pacific	24.8	24.9
NEW ENGLAND		
Maine	27.0	26.6
New Hampshire	24.8	25.6
Vermont	26.5	25.5
Massachusetts	23.3	23.4
Rhode Island	24.9	24.8
Connecticut	23.1	22.7
MIDDLE ATLANTIC		
New York	22.8	22.9
New Jersey	23.0	22.3
Pennsylvania	23.6	23.6
EAST NORTH CENTRAL		
Ohio	25.7	25.7
Indiana	25.1	25.2
Illinois	23.3	22.9
Michigan	26.5	26.5
Wisconsin	25.9	25.7
WEST NORTH CENTRAL		
Minnesota	26.2	26.1
Iowa	24.6	25.1
Missouri	23.1	23.7
North Dakota	31.5	32.1
South Dakota	26.6	26.2
Nebraska	25.0	24.9
Kansas	23.1	22.4
SOUTH ATLANTIC		
Delaware	26.5	27.1
Maryland	26.5	25.7
District of Columbia	25.2	33.1
Virginia	28.6	27.4
West Virginia	29.3	29.5
North Carolina	30.5	30.7
South Carolina	30.5	30.3
Georgia	30.3	30.4
Florida	25.7	26.4
EAST SOUTH CENTRAL		
Kentucky	26.8	26.7
Tennessee	26.0	26.8
Alabama	31.1	30.7
Mississippi	31.7	31.8
WEST SOUTH CENTRAL		
Arkansas	25.6	25.7
Louisiana	29.3	29.3
Oklahoma	23.5	23.2
Texas	26.0	27.8
MOUNTAIN		
Montana	30.9	30.3
Idaho	31.0	30.2
Wyoming	27.6	27.0
Colorado	26.7	28.1
New Mexico	37.2	37.5
Arizona	29.7	30.3
Utah	33.9	34.3
Nevada	29.1	30.1
PACIFIC		
Washington	24.8	25.2
Oregon	23.5	23.5
California	25.1	25.0

Every area experienced an increase in the birth rate between 1946 and 1947. These increases ranged from 5.0 percent for the West South Central Division to 11.7 percent for New England. The striking re-

covery in the birth rate throughout the country since 1933 (when the rate for the Nation reached its lowest point) is indicated by the comparison of the distributions of State rates for 1933, 1940 (the last prewar year), and 1947, shown in table Z. In 1947, all but 14 of the States had rates of 25.0 or more, whereas in both 1933 and 1940 the rate for only one State exceeded 25.0. Furthermore, in 1947 the highest frequency fell in the class interval 25.0-29.9 as compared with 15.0-19.9 for 1933 and 1940.

In making comparisons of State rates for 1947 with the rates for any of the years 1940 to 1946, it should be noted that while the 1940 to 1946 rates were computed on the basis of civilian populations, the 1947 rates were based on the total populations present in the States. (See page X for a discussion of the change.) Because of the small number of men in the armed forces in 1940 and 1947, the rates for these years may be considered comparable. In the intervening years State civilian populations fluctuated considerably with the heavy mobilization of young men into the armed forces during the war and their subsequent demobilization at the end of 1945 and in 1946. This factor, as well as changes in the composition of the resident populations resulting from the extraordinarily large internal migration during these years, should be considered in interpreting changes in State birth rates from 1940 to 1946.

TABLE Z.—DISTRIBUTION OF STATE BIRTH RATES: UNITED STATES, 1933, 1940, AND 1947

(Exclusive of stillbirths. For 1947, rates per 1,000 estimated midyear population excluding armed forces overseas; for 1940 and 1933, per 1,000 estimated civilian midyear population)

BIRTH RATE GROUP	1947 ¹	1940 ²	1933 ²
10-14.9	-	2	10
15-19.9	-	31	29
20-24.9	14	15	9
25-29.9	25	1	1
30-34.9	9	-	-
35-39.9	1	-	-

¹By place of residence.

²By place of occurrence.

For a majority of States the difference between the occurrence and residence rate was very small. Since for each State these rates were computed on the same population base, the percentage differences in the rates may be obtained by referring to table E, which shows a comparison of the number of births on a residence and an occurrence basis. The high occurrence rate for the District of Columbia relative to its residence rate is similar to the situation in other large cities, and is explained by the fact that residents in the surrounding suburban areas use the hospital facilities of the neighboring city. (See page XII for further discussion of this point.)

In comparing birth rates by State the effect of variation in the completeness of birth registration should be considered. Detailed State data for 1940 are shown in table C. These figures indicate that, in general, birth registration was more complete in States having low birth rates and less complete in States with relatively higher rates. Although improvement in registration completeness has probably not been uniform throughout the country since 1940, it is estimated that this same tendency per-

sists. 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 reported rates. Variations in the age, race, residence (urban or rural), and marital composition of the populations contribute to the differences in the State crude birth rates.

Birth rates by urban-rural areas

Substantial increases in the crude birth rate occurred among both urban and rural residents throughout the country during the war and postwar periods. However, as indicated in table AA, the relative increase between 1940 and 1947 was much greater among urban residents than among the rural population. This was true not only for the Nation as a whole but for each of the four geographic regions. The smallest proportionate increase (30.0 percent) was to rural inhabitants of the West but by far the largest increase in any of the groups shown took place among the urban residents of that region.

In 1947, the crude birth rate (based on registered births) for the urban population was above the corresponding figure for rural residents in each region. However, when birth rates per 1,000 women in the reproductive age span 15 to 44 years are considered, it is found that fertility in 1947 among the rural female population was higher than among urban women. These rates are better indices of fertility than the crude birth rates since they take into account the differences between areas, in the number of women in the ages where practically all the births occur. The fertility rates per 1,000 women aged 15 to 44 years, for both 1940 and 1947 follow:

Area	1947 ¹	1940 ²	Percentage increase 1940 to 1947
Urban-----	106.0	65.1	62.8
Rural-----	117.1	87.1	34.4

¹Based on April 1, 1947, population estimates.

²Based on April 1, 1940, enumerated populations.

It will also be observed in the above figures that the percentage increase was nearly twice as great in the rate for urban women as for rural women. The crude birth rates did not indicate quite as great a difference. However, the difference between the urban and rural rates would be greater if underregistration were taken into consideration. Birth registration is estimated to be more complete in urban than in rural areas.¹²

Birth rates by month

The month-to-month variations in the crude birth rates for the United States are shown in table AB for

¹²National 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.

the period 1940 to 1947. On examining the postwar rates it is seen that in the early months of 1946 they were at approximately the same level as in 1945. Beginning with June, the rates increased sharply each month and reached a peak in November 1946 that was about 50 percent higher than in November 1945. The rate for each of the months from September to December 1946 was higher than any previously recorded for the birth-registration area. At the beginning of 1947 the rate was still very high (28.0), but by April of that year it had declined to 24.8. Increases in the next few months produced a minor peak in September, which was followed by a gradual decline to the low point for the year in December (23.7).

TABLE AA.—CRUDE BIRTH RATES FOR URBAN AND RURAL AREAS: UNITED STATES AND GEOGRAPHIC REGIONS, 1940 AND 1947

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

AREA ¹	CRUDE BIRTH RATE		
	1947 ²	1940 ³	Percentage increase 1940 to 1947
UNITED STATES			
Urban-----	26.4	17.1	54.4
Rural-----	25.5	19.1	33.5
North East:			
Urban-----	23.2	15.0	54.7
Rural-----	21.8	16.5	32.1
North Central:			
Urban-----	26.3	17.1	53.8
Rural-----	23.5	17.4	35.1
South:			
Urban-----	29.6	20.2	46.5
Rural-----	29.0	21.2	36.8
West:			
Urban-----	30.5	17.9	70.4
Rural-----	25.4	18.0	39.0

¹North East includes New England and Middle Atlantic States; North Central: East North Central and West North Central; South: South Atlantic, East South Central, and West South Central; West: Mountain and Pacific.

²Based on April 1, 1947, estimated civilian populations and about 254,000 members of the armed forces living off post or with their families on post. Estimates obtained from Bureau of Census report: Series P-20, No. 9, 1948.

³Based on April 1, 1940, total enumerated populations.

TABLE AB.—BIRTH RATES BY MONTH: UNITED STATES, 1940-47

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

MONTH	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL-----	25.8	23.3	19.6	20.2	21.5	20.9	18.9	17.9
January-----	28.0	18.6	20.0	20.1	22.6	19.6	18.1	17.4
February-----	27.4	19.0	20.0	20.4	22.6	20.1	18.7	18.0
March-----	26.7	19.0	19.5	19.5	22.0	19.8	18.7	17.7
April-----	24.8	19.0	18.7	18.8	21.0	18.9	18.3	17.3
May-----	24.9	19.5	18.7	19.0	20.4	18.7	17.5	17.4
June-----	25.6	20.9	19.6	20.3	21.4	19.7	19.3	17.8
July-----	26.1	23.9	20.3	21.7	22.3	20.9	20.7	18.8
August-----	26.2	26.1	20.5	21.6	22.5	21.8	20.3	19.1
September-----	26.3	28.0	20.6	21.0	22.4	23.3	19.7	19.1
October-----	25.3	28.3	19.5	20.2	21.0	23.2	18.3	17.8
November-----	24.5	28.6	19.0	20.2	20.1	22.3	18.3	17.2
December-----	23.7	28.2	18.7	20.0	19.7	21.9	18.5	17.2

Note.—Rates for 1947 based on population excluding armed forces overseas; for 1940-46, based on populations including armed forces overseas.

For years prior to the war, the crude birth rate followed the consistent seasonal pattern which is summarized by the seasonal index in table AC¹³. This index, based on monthly rates for the years 1933 to 1940, indicates that in the "normal" seasonal cycle

¹³Shapiro, Sam, and Halpin, Evelyn, "Seasonal Variation in the Birth Rate," National Office of Vital Statistics, Vital Statistics--Special Reports, vol. 23, No. 17, 1947.

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 September, 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 1947 also had a bimodal distribution although wartime factors distorted the pattern characteristic of the previous years. The effect of these factors on the birth rates becomes more apparent when they are adjusted for "normal" seasonal changes. The rate for November 1946 remains as the postwar peak but the steepness of the increase to this point is accentuated. In addition, the variation in the rates for the latter half of 1947 is greatly reduced.

The combination of "normal" seasonal factors and our entry into the war produced a wartime high of 23.3 in September 1942. However, upon elimination of the seasonal factor from the monthly rates according to the indices in table AC, October 1942 becomes the peak month for the war years. During the next 3 years the rates gradually receded from this peak to a low in January 1946.

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-----	105.8
February-----	102.2	August-----	105.4
March-----	101.4	September-----	104.8
April-----	97.9	October-----	98.9
May-----	96.7	November-----	85.7
June-----	98.7	December-----	84.6

Births by month were not tabulated for the white and nonwhite 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

TABLE AD.—BIRTH RATES BY MONTH AND RACE: UNITED STATES, 1942-47

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

RACE AND MONTH	1947	1946	1945	1944	1943	1942
WHITE -----	25.5	25.0	19.2	19.8	21.2	20.6
January-----	27.6	18.0	19.4	19.7	22.3	19.1
February-----	27.2	18.5	19.5	19.9	22.3	19.6
March-----	26.5	18.6	19.0	19.1	21.6	19.4
April-----	24.7	18.7	18.3	18.4	20.7	18.5
May-----	24.8	19.5	18.4	18.7	20.2	18.4
June-----	25.5	20.7	19.2	20.0	21.1	19.4
July-----	25.9	23.7	19.9	21.2	22.0	20.6
August-----	25.9	25.9	20.1	21.1	22.1	21.5
September-----	25.9	28.0	20.2	20.6	22.1	23.0
October-----	25.0	29.3	19.2	19.9	20.8	23.2
November-----	24.1	28.5	18.6	19.9	19.8	22.3
December-----	23.2	28.0	18.3	19.5	19.4	21.8
NONWHITE -----	28.2	25.3	25.3	25.7	24.1	25.2
January-----	30.7	23.4	24.9	24.3	25.3	24.1
February-----	29.7	23.7	25.0	24.3	25.5	24.7
March-----	28.5	22.8	23.6	25.2	25.2	23.4
April-----	25.8	21.2	22.5	22.0	23.5	22.4
May-----	25.6	21.1	21.8	21.6	22.4	21.0
June-----	27.0	22.7	22.6	23.5	23.6	21.9
July-----	28.4	25.0	23.9	25.7	25.3	23.4
August-----	29.4	27.1	24.1	25.6	25.9	24.5
September-----	29.8	28.4	24.2	24.0	25.2	25.1
October-----	27.8	28.3	22.3	22.9	22.9	23.3
November-----	27.8	29.9	22.6	23.5	22.4	22.4
December-----	28.0	30.4	22.7	24.3	22.4	22.5

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

1942 through 1947. From these rates it is seen that both the war and postwar peaks in the birth rate occurred somewhat earlier for the white race. For the nonwhite races these high points were reached in August 1943 and January 1947 as compared with October 1942 and November 1946 for the white race.

The postwar upsurge in the birth rate started after June 1946 in both race groups. During 1947 the rates for whites and nonwhites were at high points in January. After declining a few months, the rates in each group increased again. Only in the nonwhite group, however, did it approximate the level of the peak 1946 rates. The decrease in the rate among whites during the last few months of the year brought the December figure 15.9 percent below the January rate. For nonwhites, the decrease in the rate between these 2 months was 8.8 percent.

Age-specific birth rates

The crude birth rate discussed in previous sections is of limited value in studying the fertility changes that have occurred in recent years. More useful measures for determining the nature of these changes are birth rates for various age groups of women. Such rates are presented in table AE for each of the years from 1940 to 1947 by 5-year age groups of women 10 to 54 years of age.¹⁴ They indicate that the postwar upsurge in the birth rate was very marked among women aged 15 to 29 years. In 1947, the second year following World War II, the rate for women aged 15 to 19 was a third (34.8 percent) above the corresponding rate for the previous year. The age group 20 to 24 showed the next highest increase (16.5 percent), and the only other major increase (9.5 percent) was in the rate for the 25 to 29 year group. Between 1945 and 1946 the percentage increases in the rates for women aged 20 to 29 were about twice these gains. For the 15 to 19 year group, the relative increase during the first postwar year was one-half the rise the following year.

TABLE AE.—BIRTH RATES BY AGE OF MOTHER: UNITED STATES, 1940-47

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

AGE OF MOTHER	1947	1946	1945	1944	1943	1942	1941	1940
15 to 44 years ¹ -----	110.1	98.3	82.2	84.5	89.3	86.0	77.6	73.5
10 to 14 years-----	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6
15 to 19 years-----	76.7	56.9	48.8	51.4	57.6	56.5	51.8	48.9
20 to 24 years-----	200.1	171.7	130.1	141.7	152.6	153.9	134.9	125.0
25 to 29 years-----	172.3	157.3	128.4	132.0	142.1	136.1	121.2	114.1
30 to 34 years-----	107.5	103.6	94.7	92.3	95.4	86.1	79.6	77.1
35 to 39 years-----	57.3	56.7	54.6	52.1	49.8	44.8	42.4	41.8
40 to 44 years-----	15.9	15.6	15.5	15.0	14.5	13.5	13.6	13.9
45 to 49 years-----	1.2	1.2	1.3	1.1	1.2	1.2	1.3	1.3
50 to 54 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹Rates for age group 15 to 44 years computed by relating total births, regardless of age of mother, to female population aged 15 to 44 years. Figures for ages "Not stated" and for ages 55 and over included in the total, but not distributed among the specified age groups. In 1947, the "Not stated" group was 0.2 percent of the total births.

¹⁴In previous issues of the volume, "Vital Statistics of the United States," the summary fertility rates were computed on the basis of the entire age range 10 to 54 years. The summary rates given in this volume have been based on the female population 15 to 44 years of age. This confines the rate to age groups in which all but a very small proportion of the births occur. In 1947, less than one-half of 1 percent of the total births were to women 10 to 14 and 45 to 54 years of age.

Birth rates for women in each of the age groups 15 to 29 years varied considerably from year to year, during the period 1940 to 1947. This reflects the influence of rapid changes in the marriage rate and the large movement of the armed forces to overseas duty and their return. Less subject to such influences were the rates for women over 30 years of age. The changes that did take place in the rates for women aged 30 to 44 were more consistent.

TABLE AF.—BIRTH RATES BY AGE OF MOTHER: BIRTH-REGISTRATION STATES, 1921, 1947, AND LOW POINTS

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

AGE OF MOTHER	BIRTH RATES			PERCENTAGE CHANGE ¹ BETWEEN—	
	1921	Low points	1947	Low points and 1947	1921 and 1947
15 to 19 years-----	52.4	42.1 (1933)	76.7	+82.2	+46.4
20 to 24 years-----	150.4	109.2 (1933)	200.1	+85.2	+35.0
25 to 29 years-----	150.2	104.7 (1933)	172.3	+64.6	+14.7
30 to 34 years-----	115.5	71.9 (1936)	107.5	+49.5	-6.8
35 to 39 years-----	78.1	41.7 (1939)	57.3	+37.4	-26.6
40 to 44 years-----	50.8	15.5 (1942)	15.9	+17.8	-48.4
45 to 49 years-----	5.7	1.1 (1944)	1.2	+9.1	-67.6

¹No adjustment made for differences in registration completeness or States not included in registration area in 1921.

In considering the changes in fertility in the age groups 15 to 49, 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 1947 (table AF). Principal points of interest in this comparison follow:

1. The fertility rates for women in age groups between ages 15 and 29 began to rise after 1933. With each succeeding 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 to 44 years of age occurred after this country's entry into the war.

2. Recovery from the low points in fertility was greatest for women under 25 years of age. The 1947 rates for these age groups were more than 80 percent above the 1933 rates. To a great extent, postwar increases account for this difference between the 2 years. With each successive age group the extent of recovery from the low points decreased. However, even for women aged 40 to 44, the 1947 rate was appreciably higher than the all-time low rate for this group.

3. In 1947, only the rates for age groups under 30 were higher than the comparable rates for 1921, the greatest relative increase occurring in age group 15 to 19. All age groups over 30 had lower rates in 1947 than in 1921. Despite the wartime increases, the 1947 rate for women 40 to 44 years of age was only about half the earlier figure.

It should be noted that the 1921 rates are for the birth-registration States of that year. This probably results in some understatement of the percentage decreases in age-specific birth rates between 1921 and 1947 and overstatement of the increases between these 2 years because of the difference in States included in the registration areas.

Age-specific rates for fathers by 5-year age groups

are shown in table AG for each of the years 1940 through 1947. It will be noted that the rates for all age groups between 15 and 44 showed year-to-year increases between 1940 and 1942. However, 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 in the early stages of the war, declined in each of the years 1943 to 1945 to fall below the 1940 figures. The rates for the two age groups 15 to 19 and 30 to 34 decreased between 1943 and 1944, but rose again the next year. Finally, rates for men between 35 and 44 years of age increased continuously during the whole war period. The heaviest relative increase in the rate following the end of the war occurred among 20 to 24 year old men. Between 1945 and 1947, the rate in this age group increased by more than 75 percent.

Throughout the period 1940 to 1947 the highest rates were recorded in the age group 25 to 29 for men as against 20 to 24 for women. The wartime high points were 153.9 per 1,000 female population 20 to 24 years of age and 151.5 per 1,000 male population aged 25 to 29. Both occurred in 1942. The 1947 rate for women aged 20 to 24 was somewhat higher than that for men aged 25 to 29.

TABLE AG.—BIRTH RATES BY AGE OF FATHER: UNITED STATES, 1940-47

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

AGE OF FATHER	1947	1946	1945	1944	1943	1942	1941	1940
15 to 54 years ¹ ---	91.1	80.2	67.1	68.6	72.4	69.8	63.0	59.6
10 to 14 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15 to 19 years-----	11.8	10.6	10.3	9.8	10.4	8.0	6.6	6.2
20 to 24 years-----	135.0	100.4	76.0	84.4	95.5	97.5	85.1	79.2
25 to 29 years-----	192.9	166.4	123.9	135.8	151.0	151.5	133.7	124.2
30 to 34 years-----	149.0	137.3	118.8	118.0	124.7	118.5	107.6	102.5
35 to 39 years-----	93.7	92.5	85.6	82.4	82.3	74.7	69.7	67.2
40 to 44 years-----	47.1	46.7	46.8	45.8	42.2	38.2	37.1	36.8
45 to 49 years-----	20.4	20.9	21.0	19.5	19.1	16.0	17.3	17.5
50 to 54 years-----	7.6	7.9	8.0	7.9	7.6	7.1	7.0	7.2
55 years and over---	1.4	1.4	1.7	1.7	1.7	1.6	1.6	1.6

¹Rates for age group 15 to 54 years computed by relating total births, regardless of age of father, to male population 15 to 54 years. Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

Note.—Rates for 1940 to 1946 based on male populations including armed forces overseas; populations used for 1947 rates exclude armed forces overseas. Rates for 1947 based on male populations comparable with 1940 to 1946 are: 15 to 54 (89.8), 15 to 19 (11.3), 20 to 24 (130.9), 25 to 29 (189.8), 30 to 34 (146.7), 35 to 39 (93.2), 40 to 44 (47.0).

In regard to the birth rates by 5-year age groups of fathers, it should be noted that each year about 3 percent of the birth records do not give the age of the fathers. These unknown ages, many of which are related to illegitimate births, are not distributed in the computation of the age-specific rates.

Detailed statistics of births 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

From 1946 to 1947 the fertility rates for both white and nonwhite women, aged 15 to 44, increased by about an eighth. The largest proportionate increases occurred among the young women in each race group. However, the rise (38.6 percent) in the rate for the white women aged 15 to 19 was almost twice the per-

centage rise in the corresponding rate for the non-white. Among the 20 to 29 year old women, the increases were approximately the same in the two race groups. In the older age groups, 30 to 44, the rates for nonwhite women increased relatively more than those for white women. These changes are indicated by the birth rates by age of mother and race given in table AH.

The relative increase in the fertility rate for white women aged 15 to 44 between 1940 and 1947 far exceeded that for nonwhite women (51.6 percent as compared with 37.4 percent). The largest proportionate increases occurred in the rates for the age groups between 15 and 24 for the white race. For nonwhites the rates for the 20 to 29 year old women showed the largest increments.

Another point of interest is the fact that the distribution of age-specific rates for nonwhite women has been more skewed than the comparable distribution for white women. Thus, in each of the years from 1940 to 1947, nonwhite women under 20 years of age have maintained much higher rates than white women of the same age group. The opposite has been the case for the age groups 25 to 34. The differences in the rates for white and nonwhite women 35 to 39 years of age were consistently small; while the differences between the two race groups in the rates for 20 to 24 year old women varied considerably from year to year.

TABLE AH.—BIRTH RATES BY RACE AND AGE OF MOTHER: UNITED STATES, 1940-47
(Exclusive of stillbirths. Rates per 1,000 estimated female population in each specified group)

RACE AND AGE OF MOTHER	1947	1946	1945	1944	1943	1942	1941	1940
WHITE								
15 to 44 years ¹ ----	109.6	97.9	81.0	83.4	88.7	85.6	76.5	72.3
10 to 14 years-----	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
15 to 19 years-----	63.6	49.5	41.1	45.9	50.0	49.2	44.6	42.2
20 to 24 years-----	200.0	171.5	127.7	139.9	152.2	154.2	133.7	123.5
25 to 29 years-----	176.6	151.3	130.6	134.7	146.6	140.7	124.2	116.6
30 to 34 years-----	110.2	106.4	96.7	94.0	95.6	87.9	80.7	78.2
35 to 39 years-----	57.0	56.6	54.5	51.9	49.8	44.7	42.2	41.7
40 to 44 years-----	15.7	15.4	15.4	14.9	14.3	13.2	13.5	13.7
45 to 49 years-----	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2
50 to 54 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NONWHITE								
15 to 44 years ¹ ----	114.2	101.3	92.4	93.1	93.8	89.7	86.8	83.1
10 to 14 years-----	4.1	3.4	3.5	3.5	3.5	3.4	3.3	3.1
15 to 19 years-----	134.2	110.7	105.1	106.9	115.2	111.8	107.4	100.9
20 to 24 years-----	201.6	173.9	148.7	155.4	157.4	151.6	144.1	136.6
25 to 29 years-----	137.9	125.2	110.8	110.4	106.8	100.1	97.3	94.4
30 to 34 years-----	85.8	81.1	78.2	78.0	75.5	71.4	70.1	66.9
35 to 39 years-----	59.7	58.1	57.8	53.9	50.5	45.7	43.9	42.0
40 to 44 years-----	17.8	17.2	16.9	16.0	15.9	15.5	16.1	16.0
45 to 49 years-----	2.0	2.2	2.2	1.9	2.0	2.0	2.0	2.2
50 to 54 years-----	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.2

¹Rates for age group 15 to 44 years computed by relating total births, regardless of age of mother, to female population aged 15 to 44 years. Figures for age "Not stated" and for ages 55 and over included in the total, but not distributed among the specified age groups.

Age of mother, race, and birth order

Table AJ presents birth rates by order of birth (excluding stillbirths) per 1,000 female population, aged 15 to 44, for white and nonwhite race groups in each year from 1940 to 1947. 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.¹⁵ Within this limitation, however, the birth rates by order of birth given in table AJ serve the important function of indicating relative changes occurring in the birth order rates in recent years.

The record marriage rate in 1946 was followed by extraordinarily high rates for first order births in 1947. Between 1946 and 1947, first births per 1,000 white women aged 15 to 44 years, increased by 22.4 percent. Important increases also occurred in second and third order birth rates for this group of women but these were proportionately less than half as great as in the first births. Very little change occurred in the rates for birth orders above the third. Numerically, the 1947 rates for the low birth orders represent the starting of 1,340,504 families and the addition of a second child in 859,545 families. These comprise 67.2 percent of the children born to the white population in 1947. In no previous year on record have first and second births been a higher proportion of the total births.

During World War II the rate for first order births among white women reached a peak in 1942 and then declined continuously until 1945, to reach the same level as in 1940. The rise in the rate during the postwar period brought the 1947 rate for first births to a point almost 70 percent above the 1940 rate. Even though there was also some decline between the wartime peaks and the 1945 rates for second through fourth order births, the rates for all were at a higher level in 1945 than in 1940.

The postwar increases in the rates for each of the first three birth orders among white women brought these rates above the corresponding figures in the peak year following World War I (1921). On the other hand, the 1947 rate for fourth births was still about

TABLE AJ.—BIRTH RATES BY RACE AND BIRTH ORDER: UNITED STATES, 1940-47

(Exclusive of stillbirths. Rates per 1,000 estimated female population 15 to 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 this information, 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	1947	1946	1945	1944	1943	1942	1941	1940
WHITE ¹ -----	109.6	97.9	81.0	83.4	88.7	85.6	76.5	72.3
First-----	46.5	39.0	27.6	29.1	33.5	36.2	30.7	27.5
Second-----	29.8	27.3	22.1	22.9	24.6	21.9	19.6	18.6
Third-----	14.8	13.7	12.5	12.9	12.6	10.9	10.1	9.8
Fourth-----	7.1	7.0	6.6	6.7	6.5	5.8	5.6	5.5
Fifth-----	3.8	3.8	3.7	3.7	3.7	3.3	3.3	3.3
Sixth and seventh--	5.6	5.7	5.7	5.8	5.7	5.5	5.6	5.7
Eighth and over----	2.5	2.6	2.7	2.8	2.8	2.8	2.9	3.1
NONWHITE ¹ -----	114.2	101.3	92.4	93.1	93.8	89.7	86.8	83.1
First-----	34.3	26.7	23.9	24.2	25.8	25.8	24.5	23.2
Second-----	23.1	20.1	17.1	17.6	18.4	17.4	16.7	15.7
Third-----	15.0	13.6	12.3	12.9	12.6	12.1	11.7	11.2
Fourth-----	10.4	9.9	9.4	9.5	9.2	8.7	8.4	8.2
Fifth-----	7.5	7.3	7.1	7.0	6.7	6.4	6.3	6.1
Sixth and seventh--	9.7	9.4	9.2	9.1	8.7	8.2	8.2	8.0
Eighth and over----	9.6	9.4	9.5	9.1	8.9	8.5	8.5	8.4

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

¹⁵This discussion does not consider such factors as sterility and marital status.

a third below the comparable rates of 25 or 26 years ago, and rates in higher birth orders were one-half to a third of those in the earlier period.

For nonwhite women aged 15 to 44, the rate in each birth order increased between 1946 and 1947. As in the case of the white population, the greatest proportionate increase occurred in the rate for first births (28.5 percent), and the increase in the rate for second births was only half this figure. Changes in the rates for families of four or more children were small, although even in the large family category of "eight or more" children there was some increase. In 1947, about 30 percent of the births to nonwhite women were first births and another 20 percent were second order births.

Between 1940 and 1947 the increases in the rates for birth orders representing the small or moderate sized families of three or less children were relatively much greater for white than for nonwhite women. (See table AK.) In the high birth orders (sixth and over), the rates for the nonwhite group increased but for the white group these birth order rates were all lower in 1947 than in 1940.

TABLE AK.—PERCENTAGE CHANGE FROM 1946 TO 1947 AND 1940 TO 1947 IN BIRTH RATES BY RACE AND BIRTH ORDER: UNITED STATES

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

BIRTH ORDER	PERCENTAGE CHANGE			
	1946 to 1947		1940 to 1947	
	White	Nonwhite	White	Nonwhite
TOTAL	12.0	12.7	51.6	37.4
First	22.4	28.5	89.1	47.8
Second	9.2	14.9	60.2	47.1
Third	8.0	10.3	51.0	33.9
Fourth	1.4	5.1	29.1	26.8
Fifth	0	2.7	15.2	23.0
Sixth and seventh	-2.7	5.2	-2.7	21.3
Eighth and over	-5.8	2.1	-19.4	14.3

It will be noted that in each year from 1940 to 1947 the first and second order birth rates for white women exceeded those for nonwhite women, whereas fourth and higher birth order rates were much higher among the nonwhite group. Although the third order birth rate for nonwhite was above that for white females in 1940, the sharper rise in the rate for whites in the first part of the war brought these rates to the same level in 1943, and subsequent changes have maintained third order birth rates for white and nonwhite women at about the same level.

The marked relationship between birth order and age of mother is shown in table AL in which each age-race specific birth rate in 1947 is distributed according to birth order of child. For each of these rates the number of births of the specified race and age-of-mother group has been related to the respective population of females of that race and age group in 1947. Thus, the figures in each vertical column from "First" through "Thirteenth and over" approximate the distribution by birth order of the rate given just above that column. They do not add up exactly to this latter figure because births of order "Not stated" are not distributed among the specified birth order groups.

Median ages of white and nonwhite mothers having

their first, second, etc., child in 1947 are given in table AM. It will be noted that 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 (4.4 years). Median ages of women by order of birth are also given for the last prewar year, 1940. These figures indicate that in the first four birth orders (except for first children to white mothers) the median age of white and nonwhite mothers in 1947 was at least one-half year more than in 1940.

TABLE AL.—BIRTH RATES BY AGE OF MOTHER, RACE, AND BIRTH ORDER: UNITED STATES, 1947

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

RACE AND BIRTH ORDER	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
WHITES ¹	0.5	68.6	200.0	176.6	110.2	57.0	15.7	1.1
First	0.3	58.9	114.2	98.6	23.1	8.3	1.5	0.1
Second	0.0	9.7	57.3	58.3	30.8	11.3	1.8	0.1
Third	0.0	1.3	18.7	29.6	22.7	10.5	2.0	0.1
Fourth	0	0.1	5.8	13.6	12.5	7.4	1.8	0.1
Fifth	0	0.0	1.7	6.8	7.2	4.9	1.5	0.1
Sixth	0	0.0	0.5	3.2	4.3	3.6	1.2	0.1
Seventh	0	0.0	0.1	1.4	2.9	2.7	1.1	0.1
Eighth	0	0	0.0	0.5	1.8	2.1	1.0	0.1
Ninth	0	0	0.0	0.2	1.0	1.7	0.9	0.1
Tenth	0	0	0.0	0.1	0.5	1.2	0.8	0.1
Eleventh	0	0	0.0	0.0	-0.2	0.7	0.6	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	0.1	0.4	0.7	0.1
NONWHITES ²	4.1	134.2	201.6	137.9	85.8	59.7	17.8	2.0
First	3.7	87.3	62.7	21.5	8.3	3.4	0.6	0.0
Second	0.4	34.0	54.8	23.6	3.6	4.2	0.7	0.0
Third	0.0	9.2	37.3	22.0	3.8	4.6	0.8	0.1
Fourth	0	1.9	21.4	19.9	3.5	4.8	0.9	0.1
Fifth	0	0.4	10.3	17.1	9.2	5.0	1.0	0.1
Sixth	0	0.1	4.1	12.6	8.1	5.2	1.1	0.1
Seventh	0	0.0	1.3	7.0	6.6	5.3	1.3	0.1
Eighth	0	0	0.5	3.9	6.9	5.4	1.5	0.1
Ninth	0	0	0.2	1.9	4.9	5.2	1.5	0.1
Tenth	0	0	0.1	0.8	3.0	4.6	1.6	0.2
Eleventh	0	0	0.1	0.3	1.6	3.5	1.3	0.2
Twelfth	0	0	0	0.1	0.9	2.3	1.4	0.2
Thirteenth and over	0	0	0	0.1	0.7	2.9	2.7	0.6

¹Cases 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 AM.—MEDIAN AGE OF MOTHER BY RACE AND BIRTH ORDER: UNITED STATES, 1940 AND 1947

(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 orders because this State does not require the reporting of such information)

BIRTH ORDER	1947		1940	
	White	Nonwhite	White	Nonwhite
TOTAL	28.2	24.2	26.3	24.0
First	23.3	20.2	23.5	19.3
Second	26.4	22.6	25.7	21.9
Third	28.6	24.2	27.5	23.7
Fourth	30.1	26.2	29.2	25.7
Fifth	31.4	27.9	31.0	27.9
Sixth and seventh	33.3	30.2	33.5	30.3
Eighth and over	37.3	33.4	37.4	33.7

Note.—Medians are 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 confinements producing these births, since in a minor number of cases the confinements result in the delivery of more than one child. In 1947, there were 3,624,181 con-

finements producing single births, and 38,630 which resulted in plural sets of which at least one member was born alive.¹⁶ Of these cases (sets), twins accounted for 38,286 including 36,501 cases in which both mates were born alive, and 1,785 cases in which one of the mates was stillborn. There were 340 cases of triplets among which 956 individuals were born alive, and 4 cases of quadruplets reported, with all members of the sets living. For detailed tabulation of these cases, as well as cases in which all mates were stillborn, see table 10, Part II.

Table AN shows the number of total births, single births, cases of plural births, and the rate of occurrence of plural births for the birth-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,

¹⁶Excludes cases in which one mate of a plural set was reported but no matching transcript could be found for the other mate or mates. In 1947, there were 514 such cases reported as twins, 16 cases reported as triplets, and 1 case reported as quadruplets.

TABLE AN.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE: BIRTH-REGISTRATION STATES, 1915-47

(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 cases is necessarily less than total 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	Tripletts	Quadruplets	
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	2,783,456	2,767,523	2,758,712	28,862	28,604	257	8	10.7
1944	2,794,800	2,767,523	2,758,433	28,895	28,531	286	8	10.4
1943	2,854,860	2,806,456	2,876,669	21,787	21,470	316	1	10.2
1942	2,808,996	2,780,989	2,751,568	29,421	29,139	277	5	10.6
1941	2,513,427	2,486,022	2,461,311	26,711	26,443	256	12	10.7
1940	2,360,399	2,356,604	2,311,378	25,226	24,976	247	3	10.6
1939	2,265,688	2,242,041	2,216,857	25,184	24,908	274	2	11.2
1938	2,286,962	2,262,770	2,236,865	25,907	25,644	262	1	11.4
1937	2,203,337	2,179,623	2,154,719	25,104	24,861	219	4	11.5
1936	2,144,790	2,121,519	2,086,667	24,682	24,569	277	6	11.7
1935	2,155,105	2,132,302	2,107,905	24,599	24,167	232	6	11.4
1934	2,167,636	2,144,111	2,116,397	25,114	24,666	242	6	11.7
1933	2,081,232	2,058,686	2,034,466	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	2,090,066	2,065,803	24,283	24,049	232	2	11.6
1930	2,203,968	2,180,312	2,155,094	25,218	24,963	249	6	11.6
1929	2,169,920	2,146,016	2,120,415	25,601	25,358	240	3	11.9
1928	2,233,149	2,208,784	2,182,679	25,905	25,619	285	1	11.7
1927	2,137,636	2,114,406	2,089,508	24,897	24,659	233	6	11.8
1926	1,856,068	1,836,188	1,815,108	21,080	20,885	192	3	11.5
1925	1,678,880	1,659,174	1,639,296	20,878	20,645	230	3	11.2
1924	1,930,614	1,909,869	1,887,776	22,093	21,864	228	3	11.6
1923	1,792,846	1,773,106	1,752,331	20,775	20,594	179	2	11.7
1922	1,774,811	1,758,561	1,735,074	20,487	20,284	199	4	11.7
1921	1,714,261	1,695,127	1,674,875	20,252	20,021	250	1	11.9
1920	1,508,874	1,492,532	1,475,113	17,419	17,229	184	8	11.7
1919	1,373,438	1,357,737	1,341,234	16,503	16,316	186	1	12.2
1918	1,363,649	1,349,015	1,333,526	15,489	15,342	147	-	11.5
1917	1,353,792	1,339,975	1,325,426	14,549	14,394	155	-	10.9
1916	811,985	811,119	802,892	8,227	8,139	86	2	10.1
1915	776,904	768,687	761,180	7,737	7,675	64	-	10.1

¹Includes 1 case of quintuplets (4 females born alive, 1 female stillborn) in the District of Columbia.

TABLE AO.—CASES OF SINGLE AND PLURAL BIRTHS, BY RACE AND AGE OF MOTHER: UNITED STATES, 1947

(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 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 years and over	Not stated
NUMBER									
TOTAL CASES (all races)-----	3,662,811	427,742	1,206,524	1,029,539	608,246	500,451	76,499	5,494	8,316
Single cases-----	3,624,181	425,031	1,196,190	1,018,299	599,853	285,589	75,489	5,450	8,280
Twins-----	38,286	2,691	10,253	11,142	8,312	4,812	1,000	42	34
Triplets and quadruplets-----	344	20	61	39	61	50	10	2	2
White-----	3,242,545	333,798	1,068,606	939,077	555,058	268,399	67,666	4,565	5,366
Single cases-----	3,209,312	331,784	1,059,782	829,153	547,659	264,240	66,816	4,532	5,366
Twins-----	32,960	2,021	8,761	9,844	7,329	4,113	842	31	19
Triplets and quadruplets-----	275	15	63	80	70	36	8	2	1
Nonwhite-----	420,266	93,944	137,918	90,462	53,188	32,062	8,833	929	2,950
Single cases-----	414,669	93,287	136,408	89,146	52,194	31,349	8,673	918	2,914
Twins-----	5,326	670	1,492	1,298	983	698	158	11	15
Triplets and quadruplets-----	71	7	18	18	11	14	2	-	1
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	993.7	991.4	989.1	986.2	985.6	986.6	992.0	985.7
Twins-----	10.5	6.3	8.5	10.8	13.7	16.0	13.1	7.6	4.1
Triplets and quadruplets-----	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.4	0.2
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	993.9	991.7	989.4	986.7	984.5	987.4	992.0	986.3
Twins-----	10.2	6.1	8.2	10.5	13.2	15.3	12.4	6.8	3.5
Triplets and quadruplets-----	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.4	0.2
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-----	989.2	992.8	989.1	985.5	981.3	977.8	981.9	988.2	984.5
Twins-----	12.7	7.1	10.8	14.3	18.5	21.8	17.9	11.8	5.1
Triplets and quadruplets-----	0.2	0.1	0.1	0.2	0.2	0.4	0.2	0	0.3

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 AO shows the number of cases of single and plural births by race and age of mother. In 1947, 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 to 39 year old mothers.¹⁷ The proportion of plural births is higher among nonwhite than among white births in each age group. For white mothers of all ages, one plural set occurred in every 97.6 deliveries and for nonwhite mothers there was one plural set in every 77.9 confinements.

Illegitimate births

The number of reported illegitimate births and the ratio per 1,000 live births for each year since 1917 are given in table AP. In 1947, 98,677 births were reported as illegitimate in the continental United States exclusive of 15 States¹⁸ which did not require a

statement concerning the legitimacy of the child on the birth certificate. This represents 37.0 illegitimate births per 1,000 live births registered during 1947 for residents of States reporting on legitimacy.

Year to year comparisons of figures in table AP are influenced by the varying number of States reporting. Prior to 1933, the addition to the registration area of States with a high proportion of nonwhite races accelerated the upward trend of the ratio for all races. Since 1938, the number of States reporting illegitimacy on their birth certificates has decreased.

Another factor to be considered in interpreting trends in illegitimacy ratios is the effect of changes in the birth rate on such figures. The illegitimacy ratio is a statement as to what proportion of all births in a certain specified area and time are illegitimate. Since the base is the total number of births, variations in the illegitimacy ratio could be influenced to a greater extent by rapid changes in this figure than by fluctuations in the number of legitimate births. Thus, in both 1946 and 1947 there were marked increases in total births over the previous years, and minor increases in the numbers of illegitimate births. The illegitimacy ratio shows a decrease for each of these years. The analysis of trends in illegitimate births in terms of a rate per 1,000 unmarried women of child-bearing age would overcome this difficulty. However, the population figures required are not available for States reporting illegitimacy.¹⁹ Lacking such a rate, the illegitimacy ratio furnishes a measure of difference between races and areas, although one better fitted for use within a single year than for year to year trends.

In each year the illegitimacy ratio for the nonwhite races has been considerably higher than for the white race. In comparing the ratio for the two groups some consideration should also be given to the possibility that the reporting of illegitimacy among the white race is less complete than among the nonwhite.

TABLE AP.—ILLEGITIMATE BIRTHS BY RACE: BIRTH-REGISTRATION STATES, 1917-47

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

YEAR ¹	ILLEGITIMATE BIRTHS ²					
	Number			Ratio		
	Total	White	Nonwhite	Total	White	Nonwhite
1947-----	98,677	42,161	56,516	37.0	18.1	170.6
1946-----	95,395	42,860	52,535	39.5	20.3	172.6
1945-----	95,047	40,056	54,991	46.2	22.8	183.0
1944-----	87,001	36,252	50,749	40.4	19.6	166.1
1943-----	82,586	31,755	50,831	36.5	16.3	165.2
1942-----	85,459	35,117	50,342	37.2	17.0	170.8
1941-----	85,067	35,220	49,847	40.8	19.0	176.0
1940-----	77,558	32,032	45,526	40.4	19.4	169.3
1939-----	74,941	31,330	43,611	41.9	20.4	172.7
1938-----	74,462	32,043	42,419	41.1	20.5	169.1
1937-----	74,938	32,231	42,707	40.2	20.1	165.9
1936-----	72,536	31,850	40,686	39.8	20.3	162.4
1935-----	75,141	35,685	41,456	41.1	21.4	165.6
1934-----	75,352	35,692	42,670	41.0	20.9	154.0
1933-----	75,569	31,742	43,827	41.8	21.3	158.9
1932-----	70,811	31,607	39,204	41.0	21.3	160.9
1931-----	65,982	30,137	35,845	37.5	19.8	150.5
1930-----	65,567	29,490	34,077	34.7	18.6	141.1
1929-----	60,921	27,780	33,141	35.9	17.7	143.5
1928-----	60,661	27,745	32,916	32.8	17.2	139.5
1927-----	52,022	26,124	25,898	29.0	16.9	131.6
1926-----	37,576	21,315	16,260	25.6	16.0	121.3
1925-----	37,414	21,564	15,850	25.3	16.0	120.6
1924-----	39,532	20,523	19,009	25.9	15.0	123.5
1923-----	35,040	18,139	16,901	25.2	14.4	126.2
1922-----	35,605	18,471	17,134	25.8	14.8	130.0
1921-----	34,624	17,440	17,184	26.6	14.8	128.5
1920-----	27,749	15,170	12,579	24.9	15.0	125.0
1919-----	25,660	12,360	11,300	23.6	13.6	121.9
1918-----	19,906	12,000	7,906	19.4	12.5	113.8
1917-----	20,464	12,258	8,226	20.2	13.0	120.1

¹For 1939-47, by place of residence; for 1917-38, by place of occurrence.

²The following States do not require a statement of legitimacy of child: California, Massachusetts, and New York for each year; Texas for 1938 and 1939; Maryland, Nebraska, New Hampshire, and Wyoming for 1940-47; Colorado, Connecticut, and New Mexico for 1943-47; Arizona, Idaho, and Nevada for 1945-47; South Carolina for 1946 and 1947; Arkansas for 1947.

Note.—Data not available for the years 1915 and 1916.

¹⁷For detailed discussion of plural birth statistics, see "Plural Birth Statistics: United States and Each State, 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 25, No. 18, 1947.

¹⁸Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, South Carolina, and Wyoming. In 1947, 28.7 percent of the 3,274,620 registered births to the white population in the United States occurred in these States, and 22.1 percent of the 425,320 births to the nonwhite population.

TABLE AQ.—ILLEGITIMATE BIRTHS, BY RACE, IN THE UNITED STATES (EXCLUSIVE OF THE 15 STATES NOT REPORTING LEGITIMACY IN 1947): 1940-47

(Exclusive of stillbirths)

YEAR	Total	White	Nonwhite
1947-----	98,677	42,161	56,516
1946-----	95,290	42,390	50,910
1945-----	89,008	36,997	49,011
1944-----	79,836	34,835	45,001
1943-----	75,516	30,491	44,825
1942-----	74,672	30,445	44,226
1941-----	74,509	30,495	43,824
1940-----	69,169	29,347	39,922

For some purposes, the number of illegitimate births and trends in such figures are of greater interest than ratios or rates. Data for the comparable group of States reporting illegitimacy status in all of the war and postwar years are given in table AQ. The number of illegitimate births increased each year from 1940 to 1947. The relative increases between

¹⁹For a more detailed discussion of illegitimacy rates and ratios, see "Illegitimate Births by Race, United States and Each State, 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 25, No. 14, 1946.

TABLE AR.—RATIOS OF ILLEGITIMATE BIRTHS BY RACE: UNITED STATES AND EACH STATE, 1945-47

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

AREA AND RACE	ILLEGITIMATE BIRTHS					
	Number			Ratio		
	1947	1946	1945	1947	1946	1945
TOTAL ¹	98,877	93,290	88,008	37.0	39.3	44.7
White	42,161	42,380	38,997	18.1	20.4	22.9
Nonwhite	56,516	50,910	49,011	170.8	173.0	183.1
Alabama	6,158	5,769	5,992	69.9	72.2	85.2
White	724	740	745	12.5	14.2	16.9
Nonwhite	5,431	5,029	5,247	180.4	180.1	200.0
Arkansas ²		(2,108)	(2,104)		(46.5)	(53.1)
White		(480)	(429)		(15.6)	(14.5)
Nonwhite ²		(1,628)	(1,675)		(180.7)	(185.3)
Delaware	498	432	377	63.2	63.5	63.0
White	155	149	127	23.5	25.6	25.1
Nonwhite	333	283	250	299.2	285.6	272.6
District of Columbia	2,042	1,830	1,699	94.2	98.4	105.3
White	457	439	379	32.6	35.8	34.9
Nonwhite	1,585	1,391	1,320	206.6	220.0	250.0
Florida	3,723	3,255	2,960	62.3	60.6	61.9
White	744	726	653	16.7	18.1	18.5
Nonwhite	2,979	2,529	2,307	194.3	186.3	185.3
Georgia	5,759	5,043	5,248	60.7	58.9	70.1
White	728	677	741	11.6	12.0	15.6
Nonwhite	5,031	4,366	4,507	157.0	149.1	164.7
Illinois	5,592	5,713	4,963	28.5	32.7	35.8
White	3,063	3,317	2,992	17.0	20.4	23.3
Nonwhite	2,519	2,396	1,971	161.6	191.5	194.8
Indiana	1,939	1,943	1,841	20.1	22.7	26.9
White	1,409	1,452	1,370	15.3	17.6	20.9
Nonwhite	530	491	471	132.3	151.7	167.0
Iowa	1,105	1,054	877	17.3	18.8	19.5
White	1,051	989	816	16.6	17.7	18.3
Nonwhite	54	65	61	113.4	157.8	174.3
Kansas	742	618	780	16.7	20.6	23.2
White	564	624	593	13.2	16.3	18.3
Nonwhite	178	194	187	103.9	130.6	150.7
Kentucky	2,101	1,968	1,942	26.3	27.1	31.9
White	1,364	1,331	1,373	18.0	19.3	23.8
Nonwhite	737	637	569	181.7	187.4	175.7
Louisiana	5,456	5,061	4,770	72.8	74.0	82.5
White	598	590	517	12.7	13.6	14.7
Nonwhite	4,858	4,491	4,253	175.7	176.6	188.2
Maine	857	866	847	35.1	42.6	50.8
White	828	861	841	34.7	42.4	50.5
Nonwhite	9	5	6	243.2	158.9	122.4
Michigan	4,355	3,866	3,470	26.9	27.8	30.8
White	2,995	2,689	2,464	19.9	20.5	23.3
Nonwhite	1,340	1,177	1,006	126.9	141.3	147.6
Minnesota	1,735	1,787	1,515	23.0	26.6	27.7
White	1,602	1,645	1,373	21.4	24.7	25.5
Nonwhite	133	142	142	199.7	186.1	193.2
Mississippi	5,873	5,718	5,523	88.4	92.7	101.8
White	320	328	287	9.8	10.9	11.9
Nonwhite	5,553	5,390	5,236	184.3	170.0	173.6
Missouri	2,452	2,361	2,160	27.2	29.3	32.9
White	1,251	1,323	1,186	15.0	17.7	19.6
Nonwhite	1,201	1,038	974	173.6	171.7	187.8
Montana	256	284	177	17.0	22.1	16.7
White	190	189	125	13.2	15.5	12.5
Nonwhite	66	95	52	94.6	151.0	82.9
New Jersey	2,254	2,175	2,089	21.2	22.8	27.0
White	1,163	1,225	1,144	11.8	13.8	15.9
Nonwhite	1,091	950	945	134.9	144.0	170.9
North Carolina	8,017	7,211	7,079	71.0	71.6	81.0
White	1,872	1,668	1,642	23.5	23.5	27.6
Nonwhite	6,145	5,543	5,437	184.6	187.2	194.9
North Dakota	377	528	290	22.1	21.5	22.1
White	332	282	236	19.9	18.9	16.4
Nonwhite	45	46	54	130.4	184.0	164.6
Ohio	4,748	4,815	4,110	24.1	29.0	31.0
White	3,172	3,421	2,949	17.1	21.4	23.7
Nonwhite	1,577	1,494	1,161	129.1	150.8	147.4
Oklahoma	1,625	1,657	1,455	30.3	32.9	33.7
White	835	676	651	13.2	15.1	17.0
Nonwhite	990	981	804	174.9	176.0	167.5
Oregon	595	620	521	16.4	20.6	21.6
White	520	544	462	14.5	18.4	19.6
Nonwhite	75	76	59	135.4	132.9	102.3
Pennsylvania	8,173	8,040	7,104	32.9	36.8	40.9
White	5,038	5,428	4,658	21.6	26.4	28.6
Nonwhite	3,135	2,612	2,446	207.9	202.2	212.2
Rhode Island	417	408	427	22.5	24.3	31.3
White	358	340	361	19.7	20.7	27.1
Nonwhite	59	68	66	150.5	202.4	198.2
South Carolina ²			(4,935)			(23.6)
White ²			(630)			(23.6)
Nonwhite ²			(4,305)			(189.8)
South Dakota	354	368	348	21.4	25.2	27.9
White	268	265	248	16.3	19.0	21.0
Nonwhite	86	103	100	140.1	159.0	149.4
Tennessee	4,208	3,600	3,487	48.6	46.6	53.7
White	1,518	1,438	1,582	20.8	22.0	25.5
Nonwhite	2,690	2,162	2,105	197.0	182.8	185.9
Texas	5,780	5,485	5,455	29.1	30.3	34.5
White	2,437	2,394	2,430	13.9	14.9	17.8
Nonwhite	3,343	3,101	3,025	142.4	145.5	154.1

TABLE AR.—RATIOS OF ILLEGITIMATE BIRTHS BY RACE: UNITED STATES AND EACH STATE, 1945-47—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		
	1947	1946	1945	1947	1946	1945
Utah	192	211	237	8.8	11.6	15.1
White	183	203	230	8.5	11.3	14.9
Nonwhite	9	8	7	34.2	29.5	25.5
Vermont	297	241	288	30.6	28.8	39.0
White	287	240	266	30.6	28.7	38.7
Nonwhite	-	1	2	0	250.0	400.0
Virginia	5,500	4,815	5,054	64.1	63.5	75.4
White	1,550	1,427	1,462	23.6	24.5	29.1
Nonwhite	3,950	3,388	3,592	196.5	193.5	213.5
Washington	1,274	1,296	1,188	21.8	24.9	25.3
White	1,130	1,192	1,020	19.9	23.6	23.6
Nonwhite	144	104	108	88.0	72.2	78.1
West Virginia	2,552	2,421	2,254	46.3	49.7	57.7
White	2,088	2,006	1,863	39.8	43.4	50.5
Nonwhite	464	415	391	177.2	169.7	183.0
Wisconsin	1,753	1,701	1,561	20.9	22.8	25.4
White	1,567	1,564	1,431	18.9	21.2	23.6
Nonwhite	186	137	130	195.2	143.7	177.4

¹Exclusive of the following States, the birth certificates of which did not require a statement concerning legitimacy of child in 1947: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, South Carolina, and Wyoming.

²To maintain a comparable area, figures in parentheses are not included in total.

1940 and 1947 among the white and nonwhite race groups were about the same (slightly over 40 percent). Data on illegitimate live births reported in 1945, 1946, and 1947 are given in table AR for the individual States reporting legitimacy in 1947. This table shows the number of illegitimate births reallocated to the State of the usual residence of the mother, by race, and the number of illegitimate births per 1,000 live births.

In comparing the illegitimacy ratios for the various States, it should be recognized that the reporting of the fact of illegitimacy in the States included in the tabulation is probably incomplete. In addition, differences in the reporting procedures themselves may affect to some extent the State data.¹⁹ No data are available to determine whether illegitimate births are a higher proportion of unregistered births than they are of registered births. It is possible that allowance for underregistration might increase the illegitimacy ratio. Since, in general, the States showing a comparatively large number of unregistered births in 1940 are also the States with comparatively high illegitimacy ratios, it is doubtful whether this would result in a marked change in the ranking of the States.

Attendant at birth

The presence or absence of medical attention at birth and the utilization of hospital facilities for confinements are of considerable public health significance; meaning, in some cases, the difference between death and survival of the infant or the mother. It is, therefore, important that in 1947, with the number of births setting an all-time high, the proportion of births delivered in hospitals or institutions also rose to a record high. Table AS shows that in 1947, 3,136,930 live births, or 84.8 percent of the total live births

¹⁹See p. XXVII

registered, were attended by physicians in hospitals²⁰ and 375,407, or 10.1 percent, by physicians not in hospitals. The remaining 187,603 births, 5.1 percent of the total, were attended by nonphysicians, mostly midwives.

The trend towards increased use of the services of physicians in hospitals at time of birth has been in evidence since 1935, the year in which tabulations by person in attendance at birth were initiated by this office. In 1935, only 36.9 percent of the registered live births occurred in hospitals, but by 1947 the proportion was well over twice as high. This increase was accompanied by a sharp decline in the proportion of births attended by physicians not in hospitals, from 50.6 percent in 1935 to one-fifth of this figure (10.1 percent) in 1947. The drop in the proportion of births attended by nonphysicians was not as marked, although in 1947 the proportion of births so attended was less than half of the 1935 proportion.

The upward trend in the percentage of births oc-

curing in hospitals has been consistent among both whites and nonwhites. Over the 13-year span, 1935 through 1947, the proportion has more than doubled in each group. The increase in the proportion of hospital births for the white race was accompanied by a marked decrease in the proportion of births attended by physicians not in hospitals and by the virtual elimination of the nonphysician group for confinements. Among the nonwhite races the reduction in the proportion of births attended by physicians not in hospitals was of lesser importance, while a substantial decline occurred in the proportion of births attended by nonphysicians. In 1947, about a third of the nonwhite births were delivered by midwives and other nonphysicians as against slightly over one-half in 1935.

Attendant at birth, by race and urban-rural areas

The proportion of births attended by physicians (in or out of hospitals) has increased steadily among urban and rural residents.²¹ In 1947, births to white residents of either urban or rural areas were delivered by nonphysicians very infrequently. Only one out of every eight confinements among urban nonwhites was not attended by a physician. Among rural nonwhites the proportion of births attended by physicians has risen markedly since 1940, but still remains less than half of the total. A comparison of 1940 and 1947 percentages of births attended by physicians (in or out of hospitals) by place of residence, follows:

TABLE AS.—NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS, BY RACE AND PERSON IN ATTENDANCE: UNITED STATES, 1935, 1940-47

YEAR AND RACE	Total births	NUMBER ATTENDED BY—			PERCENT ATTENDED BY—		
		Physician in hospital	Physician not in hospital	Midwife, other, and not specified	Physician in hospital	Physician not in hospital	Midwife, other, and not specified
ALL RACES							
1947	3,699,940	3,136,930	375,407	187,603	84.8	10.1	5.1
1946	3,288,672	2,708,223	402,789	177,690	82.4	12.2	5.4
1945	2,735,456	2,155,594	402,890	176,972	78.8	14.7	6.4
1944	2,794,800	2,112,963	493,463	188,374	75.6	17.7	6.8
1943	2,934,860	2,115,582	615,754	205,524	72.1	21.0	7.0
1942	2,808,996	1,906,833	695,921	208,242	67.9	24.7	7.4
1941	2,515,427	1,537,719	759,996	215,722	61.2	30.2	8.6
1940	2,360,399	1,516,768	825,271	218,360	55.8	35.0	9.3
1935	2,155,105	795,629	1,089,832	269,644	36.9	50.6	12.5
WHITE							
1947	5,274,620	2,925,374	300,199	49,048	69.3	9.2	1.5
1946	2,913,645	2,538,082	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	1,987,082	414,895	52,723	81.0	16.9	2.2
1943	2,594,763	2,002,315	534,177	58,273	77.2	20.6	2.3
1942	2,486,934	1,808,121	616,503	62,310	72.7	24.8	2.5
1941	2,204,903	1,448,132	698,198	68,583	65.7	31.2	3.1
1940	2,067,953	1,236,677	754,746	74,530	59.9	36.5	3.6
1935	1,888,012	746,974	1,019,271	121,767	39.6	54.0	6.4
NONWHITE							
1947	425,320	211,556	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	36.1
1944	340,100	125,881	78,588	133,651	37.0	23.1	39.9
1943	340,087	113,269	81,577	145,251	33.3	24.0	42.7
1942	322,062	98,712	77,418	145,932	30.6	24.0	45.3
1941	308,524	89,587	71,798	147,139	29.0	23.3	47.7
1940	298,448	79,091	70,525	145,830	26.7	24.1	49.2
1935	267,485	48,555	70,581	147,877	18.2	26.4	55.4

	All races		White		Nonwhite	
Area	1947	1940	1947	1940	1947	1940
Total----	94.9	90.7	98.5	96.4	67.4	50.8
Urban----	98.0	96.9	99.3	98.7	87.5	80.8
Rural----	90.3	83.6	97.3	93.6	44.0	28.9

Similarly, and more dramatically, percentages of births occurring in hospitals may be contrasted in 1940 and 1947:

	All races		White		Nonwhite	
Area	1947	1940	1947	1940	1947	1940
Total----	84.8	55.8	89.3	59.9	49.7	26.7
Urban----	93.8	76.0	96.1	78.6	73.7	51.4
Rural----	71.3	32.3	78.8	36.6	21.9	8.6

²⁰ It is assumed that all births in hospitals or institutions are attended by physicians. 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 registered hospital listings. Hence, numbers released by the National Office of Vital Statistics differ somewhat from those published by the American Medical Association. In comparing data from the two sources, it should also be borne in mind that the surveys on which the A.M.A. figures are based cover a reporting period for October 1 to September 30, whereas the data of this office are for the calendar year. In 1947, the birth rates for the last 3 months of the year were markedly lower than the rates for the corresponding months of 1946.

In 1940, approximately three-fourths of all births to urban residents occurred in hospitals, but only about one-third of the rural births were in hospitals. By 1947, these figures had increased to more than 9 out of 10 for urban mothers, and more than 7 out

²¹ The earliest tabulations of births by person in attendance on a residence basis 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.

of 10 for rural mothers. Although the proportion of hospital births among rural nonwhite mothers more than doubled, nearly 4 out of every 5 births to this group did not occur in hospitals during 1947.

Hospital births by State

Table AT shows the percent of white and nonwhite births occurring in hospitals during 1947 for each State and geographic division by urban and rural residence of the mother. The percentages indicate that although significant progress has been made in recent years in the utilization of hospitals at birth there still exist large variations between States and between various segments of the population (white, nonwhite, urban, rural) within a State.

The proportion of total registered births in 1947 that occurred in hospitals ranges from a low of 55.2 percent for the East South Central Division to a high of 98.0 for the Pacific. In 17 States over 95 percent of all registered live births occurred in hospitals; 11 States were below 70 percent. Variation between the States is considerably less when births to urban residents are considered separately. In 6 States over 99 percent of the urban births occurred in hospitals, while only 5 States had less than 80 percent of the confinements in hospitals. For residents of rural areas the range is much greater, from 98.8 percent (Connecticut) to 32.1 (Mississippi), with 6 States falling below 50 percent.

In a number of States (e.g., Connecticut and California) there is little difference between urban and rural residents in the proportion of births which occur in hospitals. In other States, the difference is very great. The widest range in 1947 is found in Kentucky where the rural figure was 40.4 percent as compared with 84.7 percent for urban residents. Similar differences between urban and rural residents occur for each race.

Nonwhite races in urban and rural areas in almost all States had lower proportions of their births occurring in hospitals than was true for the corresponding groups among the white. The only exceptions among States with appreciable nonwhite populations were Colorado and New Mexico. In 28 States the proportions for rural white births were higher than for urban nonwhite births.

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 under-registration the proportion of births occurring in hospitals is slightly lowered. In 1947, 84.8 percent of the registered births occurred in hospitals. It is estimated that 82.4 percent of total births (registered and unregistered combined) were in hospitals.²² This is the general order of magnitude of the differences in each year beginning with 1935. The slopes of the trend lines (1935-47) as determined by the two sets of

²²Percentages 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.

percentages are virtually the same. 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 1947

TABLE AT.—PERCENT OF LIVE BIRTHS OCCURRING IN HOSPITALS, BY RACE; URBAN AND RURAL: UNITED STATES, EACH DIVISION AND STATE, 1947

(By place of residence)

AREA	ALL RACES			WHITE			NONWHITE		
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural
UNITED STATES	84.8	95.8	71.3	89.3	96.1	78.8	49.7	73.7	21.9
GEOGRAPHIC DIVISIONS									
New England	96.9	98.2	92.9	96.9	98.2	92.9	95.9	96.3	90.6
Middle Atlantic	94.6	97.0	86.8	94.8	97.4	87.0	91.4	92.5	76.2
East North Central	95.8	96.8	87.6	94.4	97.6	87.9	85.8	85.1	63.1
West North Central	90.6	96.3	84.6	91.0	96.9	85.0	78.4	84.8	58.5
South Atlantic	68.0	85.9	55.3	68.6	94.8	70.1	35.5	59.3	16.9
East South Central	55.2	79.9	42.2	66.2	91.1	53.0	22.8	46.0	11.0
West South Central	73.6	84.3	61.0	79.6	87.3	70.0	46.2	68.2	26.8
Mountain	89.5	95.8	84.6	90.1	95.9	85.4	77.1	88.4	72.0
Pacific	98.0	98.6	96.7	98.2	98.8	96.9	94.2	95.0	93.8
NEW ENGLAND									
Maine	89.4	96.8	84.6	89.4	96.7	84.6	97.5	100.0	93.5
New Hampshire	97.9	98.9	96.7	97.9	98.9	96.7	90.9	100.0	80.0
Vermont	90.3	96.8	86.3	90.3	96.8	86.5	80.0	75.0	100.0
Massachusetts	97.6	98.0	96.6	97.9	98.0	96.7	94.1	94.8	83.8
Rhode Island	97.7	97.6	97.8	97.7	97.7	97.8	95.7	95.7	95.7
Connecticut	89.3	89.5	98.8	89.3	89.5	98.8	98.4	96.6	96.6
MIDDLE ATLANTIC									
New York	97.5	98.2	94.2	97.6	98.4	94.3	95.1	95.4	85.9
New Jersey	96.2	97.0	93.1	96.8	97.5	94.2	88.7	91.0	74.8
Pennsylvania	80.2	95.2	79.5	80.4	95.7	79.7	87.6	88.8	70.5
EAST NORTH CENTRAL									
Ohio	92.9	96.8	84.1	93.5	97.3	84.3	86.7	88.0	67.1
Indiana	90.1	94.0	83.8	91.1	95.9	84.0	66.7	67.4	47.4
Illinois	94.5	96.3	88.4	95.4	97.6	88.9	83.2	84.3	52.9
Michigan	95.3	97.5	90.7	95.8	98.3	91.1	87.5	89.3	57.3
Wisconsin	95.5	98.4	91.8	95.6	98.5	91.8	87.7	89.8	84.8
WEST NORTH CENTRAL									
Minnesota	96.5	98.7	93.9	96.6	98.8	95.9	92.5	94.9	90.8
Iowa	94.3	88.1	80.5	94.3	98.2	90.5	92.0	94.1	69.2
Missouri	80.7	92.9	64.2	81.2	93.9	65.4	75.6	85.2	24.9
North Dakota	92.9	89.1	80.6	93.0	89.1	90.6	89.9	94.7	69.6
South Dakota	89.4	94.9	86.7	89.9	94.9	87.3	77.1	94.8	75.4
Nebraska	93.5	97.6	89.5	93.5	97.8	89.5	90.8	91.3	89.0
Kansas	92.8	96.0	88.8	93.5	97.3	89.1	73.8	76.0	56.3
SOUTH ATLANTIC									
Delaware	89.9	96.2	85.1	95.2	98.5	91.6	58.4	80.5	39.4
Maryland	81.9	85.0	77.8	87.9	91.3	83.9	55.9	82.7	40.5
District of Columbia	96.8	96.8	...	94.4	99.4	...	92.0	92.0	...
Virginia	67.6	86.5	56.0	76.3	95.4	67.1	33.8	55.6	20.9
West Virginia	59.1	88.3	45.7	60.5	88.8	47.0	31.9	58.4	20.5
North Carolina	65.8	86.8	57.0	79.9	96.1	72.9	31.6	61.6	20.7
South Carolina	52.5	76.6	42.4	79.9	93.3	72.2	15.7	36.1	10.5
Georgia	64.4	82.9	52.4	65.5	95.3	75.4	27.0	55.8	10.4
Florida	75.5	83.8	64.4	89.6	96.8	79.8	34.9	46.2	19.6
EAST SOUTH CENTRAL									
Kentucky	55.5	84.7	40.4	56.0	87.7	40.9	45.0	58.7	23.9
Tennessee	66.0	84.7	53.5	70.3	91.8	57.7	42.9	60.1	19.9
Alabama	54.3	76.1	42.4	70.2	92.1	58.3	25.6	45.4	11.6
Mississippi	41.9	69.6	32.1	73.6	95.2	62.7	11.2	25.1	8.0
WEST SOUTH CENTRAL									
Arkansas	57.4	79.8	47.1	69.4	89.9	59.3	15.8	37.4	7.8
Louisiana	74.9	89.8	61.1	87.4	96.1	78.6	53.5	77.8	33.9
Oklahoma	80.6	91.7	68.2	83.5	94.6	70.9	55.5	64.9	45.4
Texas	75.2	81.6	64.7	76.7	83.4	70.7	49.6	67.0	25.6
MOUNTAIN									
Montana	97.5	99.2	95.8	98.1	99.3	96.9	85.4	95.1	84.5
Idaho	97.6	98.8	96.6	97.7	98.9	96.7	89.5	97.1	65.9
Wyoming	94.8	96.0	93.7	95.1	96.1	94.1	82.9	87.8	61.3
Colorado	90.6	94.0	84.5	90.6	94.0	84.4	91.4	91.9	69.4
New Mexico	63.9	77.1	55.0	63.7	76.9	54.1	66.3	84.5	62.7
Arizona	88.6	91.0	85.6	90.7	91.5	89.6	72.5	82.7	68.4
Utah	97.6	98.9	95.8	97.7	98.9	95.8	95.8	97.3	93.8
Nevada	97.8	99.1	96.6	98.4	99.3	97.5	87.9	93.3	84.6
PACIFIC									
Washington	98.7	99.6	97.4	98.8	99.6	97.6	96.6	99.2	91.4
Oregon	98.7	99.6	97.6	98.7	99.6	97.7	95.7	99.1	93.3
California	97.7	98.2	96.2	98.0	98.5	96.5	93.9	94.6	90.5

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.

the figures for the two race groups taking into consideration estimates of unregistered births were 88.0 percent for the white and 44.2 percent for the non-white races. These are 1.3 and 5.5 percent 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 number 10,000 or more. Table 3 in this volume, presents these data by place of occurrence, excluding the race breakdown.

STILLBIRTH STATISTICS

Definition and reporting of stillbirths

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."²³

Considerable variation is found in State definitions of a stillbirth not only with respect to the criteria for determining the absence of life but also as to the minimum gestation age²⁴ for which a stillbirth report

²³Bureau of the Census, "Manual of the International List of Causes of Death, fifth revision, 1938," Government Printing Office, Washington, D. C., 1940.

²⁴The 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.

TABLE AU.—STILLBIRTHS BY PERIOD OF GESTATION: UNITED STATES AND EACH STATE, 1947

(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	87,851	102	1,678	3,674	2,169	2,291	6,357	7,407	8,828	8,442	35,371	11,512
Alabama	2,461	-	2	-	9	30	142	240	253	200	1,054	551
Arizona	381	-	-	-	-	-	29	47	40	45	203	17
Arkansas	861	-	-	-	-	3	36	50	91	98	516	67
California	4,053	-	-	-	-	18	424	562	558	578	1,323	90
Colorado	646	-	2	-	-	3	47	46	58	67	239	184
Connecticut ¹	688	-	-	-	2	8	32	58	58	68	393	69
Delaware	155	-	-	-	-	1	17	15	25	18	72	7
District of Columbia	622	-	-	1	3	13	58	69	84	68	278	48
Florida	1,705	1	-	-	-	-	100	178	220	122	1,054	28
Georgia	2,498	-	2	4	6	36	171	257	355	415	1,109	143
Idaho ²	260	-	-	-	1	-	19	21	29	37	96	57
Illinois	3,633	-	-	-	2	48	290	369	462	446	1,824	192
Indiana	1,703	-	-	-	1	12	87	133	269	228	864	109
Iowa	1,029	-	-	1	1	11	80	93	140	147	455	101
Kansas	697	-	-	-	1	12	31	59	76	79	296	143
Kentucky	1,684	-	-	-	1	7	48	63	58	61	684	552
Louisiana	2,008	-	-	-	-	4	133	223	293	285	1,055	15
Maine	391	-	-	-	-	-	15	18	55	56	247	-
Maryland	1,402	1	4	5	23	61	175	154	164	129	561	125
Massachusetts	2,091	-	-	-	-	-	-	-	-	-	-	2,091
Michigan	3,397	-	-	1	-	22	277	374	421	356	1,772	174
Minnesota	1,307	4	1	-	-	1	80	122	132	115	438	414
Mississippi	2,019	-	-	1	10	17	133	211	254	241	1,100	52
Missouri	2,029	-	1	2	9	62	186	208	244	250	1,053	14
Montana	235	-	-	-	-	-	15	23	39	37	117	4
Nebraska	551	-	-	-	-	8	48	65	47	62	302	19
Nevada	93	-	-	-	-	3	8	3	13	20	40	6
New Hampshire	284	-	-	-	2	5	22	20	35	24	172	4
New Jersey	2,287	-	-	4	18	62	185	200	259	265	955	339
New Mexico	456	-	-	-	-	30	48	50	42	42	282	3
New York (excluding New York City)	2,943	-	-	-	1	36	295	359	430	551	1,262	9
New York City ³	13,577	94	1,662	3,649	2,041	1,333	890	573	502	463	1,954	426
North Carolina	2,797	-	-	2	1	19	181	297	383	415	1,421	78
North Dakota	292	-	-	-	-	1	19	17	29	29	132	65
Ohio	4,163	-	1	-	9	142	464	419	473	492	1,571	592
Oklahoma	1,075	1	1	-	3	16	69	76	102	91	575	141
Oregon	567	-	-	-	4	58	68	57	72	72	219	89
Pennsylvania	5,232	-	-	3	10	196	566	548	641	522	2,710	36
Rhode Island ⁴	306	-	-	-	-	-	-	35	45	33	185	8
South Carolina	1,890	-	-	-	-	-	-	-	-	-	858	5,032
South Dakota	259	-	-	-	2	5	19	22	28	27	128	28
Tennessee	1,969	-	-	-	-	-	127	187	283	222	1,168	2
Texas	4,579	1	-	-	4	36	197	261	269	221	835	2,755
Utah	314	-	-	-	-	-	22	36	40	42	134	40
Vermont ⁵	174	-	-	-	-	-	14	11	24	24	92	9
Virginia	2,217	-	1	1	8	35	180	208	234	205	999	346
Washington	927	-	1	-	-	2	97	97	145	145	425	16
West Virginia ⁶	1,370	-	-	-	1	13	107	117	116	104	704	208
Wisconsin	1,438	-	-	-	-	4	124	153	246	224	665	22
Wyoming	158	-	-	-	-	2	10	13	18	13	70	12

¹Requires reporting of stillbirths of not less than 28 weeks or measuring at least 13.3 inches.

²Minimum gestation period not specified.

³Requires reporting of any product of conception.

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

⁵According to information received after tabulations were completed, the 1,032 stillbirths in this group are distributed by age as follows; 1 in age 1 month; none in 2 months; 5 in 3 months; 15 in 4 months; 63 in 5 months; 170 in 6 months; 212 in 7 months; 203 in 8 months; 858 in 9 months; and 363 in age not stated.

⁶Minimum gestation period, 5 1-2 months.

⁷Requires reporting of stillbirths advanced to 5 months gestation or a total length of 10 inches.

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." On the other hand, 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.²⁵ The differences in definition, together with differences in stillbirth reporting procedures, have made it difficult to compile stillbirth data for all States.

Table AU gives the number of stillbirths registered in each State in 1947 by period of gestation. 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 gestation age is lacking for 11,512, or 13.1 percent of the total stillbirths. The proportion for which gestation age is not reported varies from no cases in Maine to all cases in Massachusetts where the reporting of gestation age is not required.

A second important factor affecting the comparability of stillbirth data for the United States is incomplete registration of reportable stillbirths. Little quantitative information is available regarding the extent of underregistration, but 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 are shown in table AW for the expanding area of the birth-registration States for the years 1922 to 1947, and in table VII for the individual States and geographic divisions for the years 1925 to 1947. The ratios in these tables are computed for all stillbirths reported, regardless of gestation period, because data by period of gestation are not available for the birth-registration States until 1942.

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

TABLE AW.—STILLBIRTH RATIOS BY RACE: BIRTH-REGISTRATION STATES, 1922-47

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

YEAR	Total	White	Non-white	YEAR	Total	White	Non-white
1947	23.7	21.1	44.2	1934	36.2	31.4	70.1
1946	25.6	23.2	44.2	1933	37.0	32.2	71.1
1945	26.6	24.1	44.6	1932	37.8	32.7	74.4
1944	27.0	24.5	45.4	1931	38.2	33.4	74.1
1943	26.7	24.2	46.2	1930	39.2	34.0	79.9
1942	28.2	25.5	49.3	1929	39.5	34.4	79.7
1941	29.9	26.5	54.0	1928	40.2	35.0	81.5
1940	31.3	27.7	56.7	1927	38.8	34.8	74.8
1939	32.0	28.2	59.0	1926	38.1	35.1	73.0
1938	32.1	28.1	61.1	1925	38.1	35.1	73.1
1937	33.4	29.2	65.2	1924	39.3	35.8	76.2
1936	34.4	29.8	66.9	1923	38.9	35.9	71.8
1935	35.8	31.1	68.7	1922	39.4	36.4	73.4

Note.—Data relating to stillbirths were collected for 1928 but not for the years 1919 to 1921, inclusive.

²⁵Rhode Island requires that all products of conception be registered, but only certificates for stillbirths of six completed months of gestation are used for statistical purposes.

39.2 per 1,000 live births in 1930 to 23.7 in 1947. The decline has been somewhat greater for the nonwhite than for the white population. While the ratio for the white population declined 38 percent from 34.0 in 1930 to 21.1 in 1947, the ratio for the nonwhite races decreased 45 percent from 79.9 to 44.2. 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

TABLE AY.—STILLBIRTH RATIOS BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1947

(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	Total	White	Nonwhite
UNITED STATES	21.1	18.7	39.6
GEOGRAPHIC DIVISIONS			
New England	17.9	17.7	25.0
Middle Atlantic	22.1	20.7	41.7
East North Central	19.3	18.3	34.7
West North Central	17.6	16.8	40.8
South Atlantic	25.9	19.8	42.6
East South Central	24.9	19.8	40.1
West South Central	22.6	18.9	39.6
Mountain	18.2	17.8	28.4
Pacific	16.2	15.7	26.0
NEW ENGLAND			
Maine	16.7	16.7	0
New Hampshire	20.7	20.7	0
Vermont	18.0	18.0	0
Massachusetts	19.2	19.0	31.9
Rhode Island	16.5	16.6	7.7
Connecticut	14.9	14.6	23.9
MIDDLE ATLANTIC			
New York	23.8	21.7	51.7
New Jersey	21.3	20.1	35.5
Pennsylvania	20.2	19.6	30.4
EAST NORTH CENTRAL			
Ohio	20.2	19.1	37.2
Indiana	17.3	16.6	32.7
Illinois	18.7	17.8	29.3
Michigan	21.0	19.6	40.4
Wisconsin	17.2	17.0	35.7
WEST NORTH CENTRAL			
Minnesota	17.2	17.0	34.5
Iowa	15.6	15.5	31.5
Missouri	21.0	16.9	45.5
North Dakota	17.3	16.9	37.7
South Dakota	15.3	14.8	27.7
Nebraska	16.7	16.5	30.7
Kansas	15.9	15.1	35.0
SOUTH ATLANTIC			
Delaware	19.3	15.9	39.5
Maryland	24.1	19.6	45.6
District of Columbia	21.7	14.5	34.8
Virginia	26.1	20.6	44.1
West Virginia	24.7	24.1	38.2
North Carolina	24.5	18.1	39.8
South Carolina	32.1	20.7	47.5
Georgia	25.9	19.0	39.3
Florida	27.6	20.0	49.4
EAST SOUTH CENTRAL			
Kentucky	21.2	20.2	39.9
Tennessee	21.7	19.2	35.0
Alabama	27.9	21.0	41.0
Mississippi	29.8	17.8	41.4
WEST SOUTH CENTRAL			
Arkansas	17.8	15.1	27.4
Louisiana	26.8	18.0	42.0
Oklahoma	20.1	18.9	30.0
Texas	23.0	20.1	44.7
MOUNTAIN			
Montana	15.8	15.3	25.8
Idaho	18.4	16.3	25.8
Wyoming	19.7	19.8	12.2
Colorado	19.5	19.0	34.7
New Mexico	22.0	21.8	24.6
Arizona	19.7	18.3	30.1
Utah	15.9	15.8	26.6
Nevada	20.5	19.2	45.1
PACIFIC			
Washington	15.7	15.5	22.0
Oregon	15.5	15.2	34.3
California	16.5	15.6	26.1

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.

Stillbirth ratios by State

Table AY gives stillbirth ratios by race for each geographic division and State by place of residence for 1947. These ratios, as noted above, are computed for stillbirths with gestation period of 20 weeks or more including the "Not stated" group. The total ratios range from 13.9 per 1,000 live births for residents of Utah to 32.1 for residents of South Carolina. In general, the highest ratios are found in the South Atlantic States and the lowest in the Pacific. In all geographic divisions, the ratios for the nonwhite races are higher than those for the white population. It is difficult, however, to interpret these geographic differences in the stillbirth ratios because of differences in registration completeness and in the definition of a stillbirth.

Stillbirths by age of mother

Stillbirth ratios for the United States in 1947 are shown in table AZ by age of mother and race.

The stillbirth ratios for both the white and nonwhite populations are at a minimum among mothers in the age group 20 to 24 years, and increase with increasing age of mother. Disregarding the ratios for age groups 45 years and over, which are computed from small frequencies, the stillbirth ratios for the white population increase threefold—from a minimum of 14.4 per 1,000 live births among mothers 20 to 24 years to 42.9 among those 40 to 44 years. For nonwhites, the ratio more than doubles between these two age groups—from 32.0 to 72.8. At every age up to 50 years and over, the stillbirth ratio for the nonwhite population is higher than the ratio for the white, the one varying between 1.3 and 2.3 times the other.

TABLE AZ.—STILLBIRTH RATIOS BY AGE OF MOTHER AND RACE: UNITED STATES, 1947

(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	Total	White	Nonwhite
ALL AGES ¹	21.1	18.7	39.6
10 to 14 years.....	30.3	21.3	35.1
15 to 19 years.....	19.8	16.1	32.9
20 to 24 years.....	16.5	14.4	32.0
25 to 29 years.....	17.9	15.1	36.9
30 to 34 years.....	22.9	20.6	46.8
35 to 39 years.....	32.3	29.1	59.5
40 to 44 years.....	46.4	42.9	72.8
45 to 49 years.....	76.2	72.6	94.8
50 years and over.....	75.8	76.4	74.1

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

MORTALITY STATISTICS

A total of 1,445,370 deaths was registered in the United States in 1947. The crude death rate, based on the estimated population excluding the armed forces overseas, was 10.1 per 1,000 population. This is the second lowest crude rate that has ever been recorded for the country in the history of the death-registration area. The lowest was 10.0 in 1946.

Trend of the crude death rate

Table BA gives the number of deaths and the crude death rates for the death-registration States for each year from 1900 to 1947. 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. The estimated population of the area for each year and the percentage it formed of the total population of the United States are also given in table BA. Each State, with date of admission to the registration area, is listed in table BB.

In the absence of mortality data for the entire United States prior to 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, as 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 the area. During the expansion period of the registration system, the population composition of the area changed frequently by the addition of States whose populations 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 the 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 BC). Although the trends for both the fixed and the ex-

panding group of registration States are affected to some extent by the aging of the population in the respective areas, the deviations in the crude rates 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 and more rural population which would be expected to have lower crude death rates.

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 BH). The rate of decline in the crude death rate for the period 1900 to 1917 was about three

times greater than that for the subsequent period beginning with 1921. But, when the rates are adjusted for the changes in the age composition of the population, the rates of decline in the death rates for the

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

YEAR	STATE	YEAR	STATE	YEAR	STATE
1880	Massachusetts	1908	Washington	1919	Florida
	New Jersey		Wisconsin		Mississippi
	Dist. of Columbia ¹	1909	Ohio	1920	Nebraska
1890	Connecticut	1910	Minnesota	1922	Georgia ²
	Delaware ³		Montana		Idaho
	New Hampshire		North Carolina ⁴	1923	Wyoming
	New York	1911	Utah	1924	Iowa
	Rhode Island		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	1916	Illinois	1929	Nevada
	Maryland		Louisiana		New Mexico
	Pennsylvania		Oregon	1933	Texas
	South Dakota ⁵				

¹Included in States.

²Dropped from the registration area in 1900; readmitted in 1919.

³Dropped from the registration area in 1910; readmitted in 1930.

⁴Included 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.

⁵Dropped from the registration area in 1925; readmitted in 1926.

TABLE BA.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES, 1900-1947
(Exclusive of stillbirths. Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population of continental United States ¹	DEATH-REGISTRATION STATES			
		Estimated midyear population ¹		Deaths	
		Number	Percent of total	Number ²	Rate
1947	143,414,000	143,414,000	100.0	1,445,370	10.1
1946	139,899,000	139,899,000	100.0	1,395,617	10.0
1945	132,018,525	132,018,525	100.0	1,401,719	10.6
1944	132,552,005	132,552,005	100.0	1,411,338	10.6
1943	133,966,319	133,966,319	100.0	1,459,544	10.9
1942	133,770,500	133,770,500	100.0	1,385,187	10.4
1941	133,060,045	133,060,045	100.0	1,397,642	10.5
1940	131,954,144	131,954,144	100.0	1,417,269	10.7
1939	130,879,718	130,879,718	100.0	1,387,897	10.6
1938	129,824,939	129,824,939	100.0	1,381,391	10.6
1937	128,824,829	128,824,829	100.0	1,450,427	11.3
1936	128,053,180	128,053,180	100.0	1,479,228	11.6
1935	127,250,232	127,250,232	100.0	1,392,752	10.9
1934	126,375,773	126,375,773	100.0	1,396,903	11.1
1933	125,578,763	125,578,763	100.0	1,342,106	10.7
1932	124,640,471	116,903,899	95.2	1,235,269	10.9
1931	124,039,646	116,148,987	95.3	1,307,273	11.1
1930	123,076,741	117,238,276	95.3	1,327,240	11.3
1929	121,769,939	115,317,450	94.7	1,369,757	11.9
1928	120,501,115	113,636,180	94.3	1,361,987	12.0
1927	119,038,062	107,084,532	90.0	1,211,627	11.3
1926	117,399,225	103,622,683	88.4	1,257,256	12.1
1925	115,831,963	102,031,555	88.1	1,191,809	11.7
1924	114,113,463	99,318,086	87.0	1,151,076	11.6
1923	111,949,945	96,788,197	86.5	1,174,065	12.1
1922	110,054,778	92,702,901	84.2	1,033,952	11.7
1921	108,541,489	87,614,447	80.9	1,009,673	11.5
1920	106,466,420	86,079,263	80.9	1,118,070	13.0
1919	104,512,110	83,157,982	79.6	1,072,263	12.9
1918	103,202,801	79,008,412	76.6	1,430,079	18.1
1917	103,265,913	70,234,775	68.0	981,239	14.0
1916	101,965,984	66,971,177	65.7	924,971	13.6
1915	100,549,013	61,894,847	61.6	815,500	13.2
1914	99,117,567	60,983,309	61.5	810,914	13.3
1913	97,226,814	59,156,740	59.8	802,909	13.8
1912	95,351,300	54,847,700	57.5	745,771	13.6
1911	85,867,814	53,929,644	57.5	749,918	13.9
1910	92,406,536	47,470,437	51.4	696,856	14.7
1909	90,491,525	44,223,513	48.9	630,057	14.2
1908	88,709,976	38,634,789	43.6	567,245	14.7
1907	87,000,271	34,552,637	39.7	550,245	15.9
1906	85,436,556	33,782,286	39.5	531,005	15.7
1905	83,819,666	21,767,960	26.0	345,863	15.9
1904	82,164,974	21,332,076	26.0	349,655	16.4
1903	80,632,152	20,943,222	26.0	327,295	15.6
1902	79,160,196	20,582,907	26.0	318,636	15.5
1901	77,585,128	20,237,453	26.1	332,203	16.4
1900	76,094,134	19,965,446	26.2	343,217	17.2

¹For 1940-47, excludes armed forces overseas.

²For 1940-47, excludes deaths among armed forces overseas.

TABLE BC.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES OF 1900, 1900-1947

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

YEAR	Estimated midyear population ¹	Deaths ²	Crude death rate
1947	58,696,000	410,439	10.6
1946	37,668,000	399,454	10.6
1945	34,980,000	400,527	11.5
1944	34,913,000	401,104	11.5
1943	35,154,000	424,163	12.1
1942	35,477,000	394,767	11.1
1941	35,532,000	391,677	11.0
1940	35,435,000	394,650	11.1
1939	35,314,899	391,329	11.1
1938	35,111,774	385,121	11.0
1937	34,932,731	403,351	11.5
1936	34,760,511	405,805	11.7
1935	34,507,613	389,861	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	33,639,002	383,830	11.4
1930	33,424,483	385,970	11.5
1929	32,794,166	406,954	12.4
1928	32,017,994	399,262	12.5
1927	31,398,197	374,441	11.9
1926	31,098,147	400,729	12.9
1925	30,709,873	379,877	12.4
1924	30,132,895	368,739	12.2
1923	29,538,065	360,174	12.9
1922	28,994,025	364,935	12.6
1921	28,582,224	347,355	12.2
1920	28,044,761	388,608	13.9
1919	27,835,524	374,613	13.6
1918	26,955,633	516,578	19.2
1917	26,982,363	405,506	15.0
1916	26,572,517	397,698	15.0
1915	26,185,198	373,705	14.3
1914	25,815,832	371,441	14.4
1913	25,367,952	372,895	14.7
1912	24,882,050	363,619	14.6
1911	24,498,110	368,087	15.0
1910	24,130,431	377,015	15.6
1909	23,669,456	353,576	14.9
1908	23,206,753	351,183	15.1
1907	22,737,508	366,658	16.1
1906	22,261,378	363,908	15.9
1905	21,767,960	345,863	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	19,965,446	343,217	17.2

¹For 1940-47, excludes armed forces overseas.

²For 1940-47, exclusive of deaths among armed forces overseas.

two periods are found to be nearly the same.²⁶

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 post-war years, excepting a rise in 1943 which was associated with an epidemic of influenza.

Crude death rates by State

The crude death rates for each geographic division and State in 1947 are given in table BD, first by place of residence of the decedent and then by place of occurrence of the death. The corresponding numbers of deaths for each State are given in table L.

The crude death rates by place of residence ranged from 7.8 per 1,000 population for Utah to 12.0 for residents of Vermont. In general, the higher rates were among residents of the New England, Middle Atlantic, and East North Central Divisions and the lower rates in the Southern and Pacific Divisions.

Differences in the crude death rates for States reflect not only differences in mortality but also differences in the age and race composition of the State populations. For example, the high proportion of older persons in the populations of the extreme northeastern States is a factor in their comparatively high death rates. In addition, it may be assumed that differences in completeness of death registration are a factor in the geographic differences in mortality rates.

For the majority of States, the crude death rate by place of occurrence is the same or very nearly the same as the residence rate. The number of the State's residents dying outside the State is very closely balanced by nonresidents dying in the State (table L). Generally speaking, however, the occurrence rates for the so-called health resort States are higher than the residence death rates because of the relatively large number of deaths of nonresidents occurring in those States. For example, the occurrence death rate for Arizona in 1947 was approximately 7 percent higher than the residence rate. Similarly, the occurrence rate for Florida in 1947 was nearly 5 percent higher than the residence figure. For these areas, the use of the occurrence death rate as a measure of mortality conditions of the resident population may give quite misleading results.

Death rates by month

Table BE shows the crude death rates by month for the United States for the 8 years from 1940 to 1947. From this series of monthly rates, it can be seen that the seasonal movement in the crude death rate is

²⁶For detailed analysis, see "Age-Adjusted Death Rates in the United States, 1900-1940;" National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 1, 1948.

characterized by a swing from minimum rates in August and September to maximum rates in the winter months. This cycle in the crude death rate for all causes reflects changes in the incidence of respiratory diseases. The higher death rates for the winter months represent an excess in mortality from a number of causes of death, much of which is associated with an increased mortality from the respiratory dis-

TABLE BD.—CRUDE DEATH RATES BY PLACE OF RESIDENCE AND BY PLACE OF OCCURRENCE: UNITED STATES, EACH DIVISION AND STATE, 1947

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

AREA	Place of residence	Place of occurrence
UNITED STATES	10.1	10.1
GEOGRAPHIC DIVISIONS		
New England	10.9	10.9
Middle Atlantic	10.6	10.6
East North Central	10.5	10.4
West North Central	10.3	10.4
South Atlantic	9.4	9.5
East South Central	9.6	9.6
West South Central	8.7	8.7
Mountain	9.9	10.1
Pacific	9.6	9.7
NEW ENGLAND		
Maine	11.3	11.3
New Hampshire	11.6	11.7
Vermont	12.0	11.9
Massachusetts	11.2	11.2
Rhode Island	11.2	11.2
Connecticut	9.7	9.6
MIDDLE ATLANTIC		
New York	11.1	11.1
New Jersey	10.4	10.3
Pennsylvania	10.5	10.5
EAST NORTH CENTRAL		
Ohio	10.7	10.7
Indiana	10.6	10.5
Illinois	11.2	11.0
Michigan	9.4	9.4
Wisconsin	10.2	10.2
WEST NORTH CENTRAL		
Minnesota	9.6	9.8
Iowa	10.2	10.3
Missouri	11.4	11.5
North Dakota	9.7	9.5
South Dakota	9.9	9.9
Nebraska	10.0	10.0
Kansas	9.7	9.8
SOUTH ATLANTIC		
Delaware	11.5	11.6
Maryland	10.5	10.7
District of Columbia	9.6	9.6
Virginia	9.7	9.7
West Virginia	9.1	9.2
North Carolina	8.2	8.2
South Carolina	8.8	8.8
Georgia	9.2	9.3
Florida	10.4	10.9
EAST SOUTH CENTRAL		
Kentucky	10.2	10.1
Tennessee	9.2	9.5
Alabama	9.3	9.2
Mississippi	9.6	9.5
WEST SOUTH CENTRAL		
Arkansas	7.9	7.8
Louisiana	9.2	9.3
Oklahoma	8.5	8.2
Texas	8.8	8.8
MOUNTAIN		
Montana	11.8	11.7
Idaho	9.1	8.9
Wyoming	8.9	9.0
Colorado	11.0	11.2
New Mexico	10.0	10.3
Arizona	9.4	10.1
Utah	7.8	8.1
Nevada	11.7	12.1
PACIFIC		
Washington	9.3	9.3
Oregon	8.7	8.8
California	9.9	9.9

eases. The highest December death rate in the 8-year period, that for December 1943, was associated with an epidemic of influenza which reached its peak at the end of the month.

TABLE DE.—DEATH RATES BY MONTH: UNITED STATES, 1940-47

(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	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL	10.1	10.0	10.6	10.6	10.9	10.4	10.5	10.7
January	10.8	11.7	11.4	15.4	11.8	11.4	12.9	12.6
February	10.8	11.2	11.4	11.4	11.7	11.3	12.0	12.5
March	11.5	10.4	10.9	11.2	11.7	11.2	11.3	11.7
April	10.6	10.0	10.5	10.9	11.2	10.6	10.6	11.0
May	9.8	9.8	10.5	10.4	10.6	10.0	10.2	10.4
June	9.6	9.6	10.3	10.1	10.5	9.7	10.1	10.0
July	9.2	9.1	9.7	9.7	9.8	9.7	9.9	10.4
August	9.4	8.8	9.6	9.4	9.5	9.1	9.4	9.3
September	9.0	9.2	9.6	9.4	9.5	9.4	9.3	9.5
October	9.5	9.5	10.3	10.1	10.1	10.1	9.6	9.9
November	10.1	9.8	10.5	10.5	10.4	10.4	10.3	10.4
December	10.8	10.6	12.8	11.2	14.0	11.5	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 1947, as shown in table BF. 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 ages.

TABLE BF.—DEATH RATES BY AGE, SEX, AND RACE: UNITED STATES, 1947

(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	Total	White	Nonwhite
ALL AGES ¹	10.1	9.9	11.5
Male	11.5	11.4	12.5
Female	8.7	8.5	10.2
Under 1 year	33.7	31.4	52.5
Male	38.0	35.5	58.1
Female	29.3	27.1	46.9
1 to 4 years	1.6	1.5	2.5
Male	1.7	1.8	2.6
Female	1.4	1.3	2.3
5 to 14 years	0.7	0.6	1.0
Male	0.8	0.8	1.1
Female	0.6	0.5	0.9
15 to 24 years	1.5	1.3	3.3
Male	1.9	1.7	3.4
Female	1.2	0.9	3.1
25 to 34 years	2.1	1.8	5.1
Male	2.5	2.2	5.5
Female	1.8	1.4	4.7
35 to 44 years	4.1	3.5	9.3
Male	4.9	4.3	10.1
Female	3.4	2.8	8.5
45 to 54 years	9.3	8.4	18.9
Male	11.6	10.6	21.0
Female	7.1	6.1	16.8
55 to 64 years	19.8	18.8	32.0
Male	24.6	23.8	34.6
Female	15.0	13.9	28.3
65 to 74 years	44.6	44.0	53.9
Male	52.4	51.9	58.2
Female	37.3	36.5	49.3
75 years and over	117.1	120.1	79.6
Male	125.7	128.5	90.5
Female	109.9	113.0	70.1

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

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

¹For 1940-47, exclusive of deaths among armed forces overseas. Based on populations excluding armed forces overseas.

At every age throughout the life span, males are subject to a higher mortality than females. The proportionate difference in the death rates for the two sexes is greater for the white than for the nonwhite population. In 1947, the rate for white males was 34 percent higher than that for white females, while the corresponding difference between the death rates for the two sexes in the nonwhite population was 23 percent.

The death rate among nonwhite persons in 1947 exceeded the rate for white persons in each of the age groups shown, except 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 VIII. This table gives death rates by age for the expanding area of the death-registration States from 1900 to 1947, 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

TABLE BH.—AGE-ADJUSTED DEATH RATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1947

(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
1947 ¹	9.1	10.7	7.7	8.8	10.4	7.3	12.8	14.0	11.6
1946 ¹	9.3	10.8	7.8	8.9	10.4	7.5	12.7	14.0	11.5
1945 ¹	9.6	11.2	8.1	9.2	10.8	7.7	13.5	15.0	12.2
1944 ¹	9.8	11.4	8.4	9.4	10.9	7.9	14.1	15.4	12.9
1943 ¹	10.3	11.7	8.8	9.8	11.3	8.3	14.7	15.9	13.6
1942 ¹	10.0	11.4	8.6	9.5	10.9	8.1	14.7	16.0	13.4
1941 ¹	10.3	11.7	8.9	9.8	11.2	8.3	15.7	17.1	14.4
1940 ¹	10.7	12.1	9.4	10.2	11.8	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	14.3	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	18.4	18.4
1921	12.7	13.2	12.1	12.2	12.7	11.6	18.2	18.0	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	23.3	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	24.8	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

¹The 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.

older ages. Since 1900, the death rate for young children, 1 to 4 years of age, has decreased 92 percent, while the difference between the 1900 and 1947 death rates for persons in the age group 75 years and over is only 18 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 continuously and at a rather steady rate. 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. In 1918, the death rate for the age group 15 to 24 years more than doubled that for 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 trend in the crude death rates by race and sex for the death-registration States are shown in table BG for the years 1900 to 1947. The corresponding age-adjusted death rates for the same period are

given in table BH. Between 1900 and 1947, the age-adjusted death rate for white males declined 43 percent while there was a decrease of 51 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 1947, the difference had increased to 39 percent.

Trend of death rates for selected causes of death

Table X gives death rates for selected causes of death for the expanding area of the death-registration States for the years 1900 to 1947, inclusive. The most striking features to be found in these data are the great reduction 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 1947, 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 43.1 in 1947. 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 10 years being as great as in the preceding 38 years.

The death rate for tuberculosis declined from 194.4 per 100,000 population in 1900 to 33.5 in 1947. The almost continuous decline in the tuberculosis death rate was interrupted by a temporary rise in the period between 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 rapid 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 from 142.7 per 100,000 population in 1900 to 5.6 in 1947, a decrease of 96 percent. In the same period the death rate for typhoid and paratyphoid fever dropped 99 percent—from 31.3 in 1900 to 0.2 in 1947.

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 the disposal of domestic and industrial wastes; in immunization; in the development of diagnostic aids; and in the surgical and medical treatment of diseases. Perhaps the most important contribution to 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 mellitus, and motor-vehicle accidents.

From the table it will be seen that the crude death rate for the group of diseases of the heart increased from 137.4 per 100,000 population in 1900 to 321.2 in 1947. In the same period, the crude death rate for cancer rose from 64.0 to 132.4, and the rate for diabetes from 11.0 to 26.2.

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 study²⁷ 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.²⁸ Diabetes is frequently re-

²⁷Woolsey, 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.

²⁸For a detailed discussion, see Moriyama, Iwao M., "Is Diabetes Mortality Increasing?" Public Health Reports, vol. 63, No. 41, pp. 1334-1339, October 8, 1948.

ported on the death certificate in the space for "Other conditions" which might have contributed to the risk of dying but 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 and the increase in the percentage in which diabetes is returned jointly with some other cause, this disease 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 a peak of 30.8 in 1937. With gasoline rationing and other wartime restrictions, the death rate for motor-vehicle accidents dropped to 17.8 in 1943. The rate rose again after the removal of restrictions on driving but remained well below the prewar level.

The death rate for accidents excluding those due to motor vehicles has exhibited considerable irregularity from year to year, but the long-time trend has been downward. The death rate for 1947 was 46.6 per 100,000 population in contrast to the rate of 94.0 for 1906.

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 BJ, 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 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. There are other causes that overlap the various age groups, and some, such as acute rheumatic fever, affect all persons, regardless of age, in much the same manner.

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 1947 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 24 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

TABLE BJ.—DEATH RATES FOR SELECTED CAUSES, BY AGE: UNITED STATES, 1947

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population excluding armed forces overseas. Numbers after causes of death are International List numbers, 1938 revision)

CAUSE OF DEATH	All ages ¹	Under 1 year	1 to 4 years	5 to 14 years	15 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 years and over
ALL CAUSES	1,007.8	3,375.1	159.1	69.1	152.4	213.4	411.0	932.5	1,979.1	4,461.3	11,714.7
Typhoid and paratyphoid fever	1.2	0.5	0.1	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.3
Cerebrospinal (meningococcus) meningitis	6	8.0	2.1	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.3
Scarlet fever	8	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0	0
Whooping cough	9	1.4	41.9	3.9	0.2	0.0	0	0	0	0.0	0
Diphtheria	10	0.8	1.6	3.5	1.1	0.1	0.0	0.1	0.1	0.2	0.1
Tuberculosis (all forms)	13-22	35.5	10.5	6.6	2.6	23.5	33.7	41.4	52.8	62.8	76.5
Tuberculosis of respiratory system, etc.*	13	31.0	4.1	2.3	1.5	21.3	31.7	39.1	50.1	59.7	72.0
Tuberculosis (other forms)	14-22	2.5	6.3	4.2	1.1	2.0	2.0	2.3	2.7	3.1	4.1
Dysentery	27	0.6	12.0	0.8	0.1	0.1	0.1	0.2	0.3	0.4	0.7
Malaria	28	0.1	0.3	0.1	0.0	0.1	0.1	0.2	0.2	0.3	0.4
Syphilis	30	8.8	14.8	0.3	0.2	0.8	2.2	8.7	16.2	27.2	31.5
Measles	35	0.3	3.3	1.7	0.4	0.1	0.0	0.0	0.0	0.1	0.2
Poliomyelitis, polioencephalitis (acute)	36	0.4	0.8	0.6	0.8	0.6	0.4	0.2	0.1	0.0	0.1
Cancer and other malignant tumors	45-55	132.4	3.1	5.2	3.2	5.5	16.7	60.7	172.5	372.2	724.1
Cancer of the digestive organs and peritoneum	46	58.0	0.5	0.5	0.3	1.0	3.9	16.7	60.5	162.5	363.7
Cancer of female genital organs	49-49	16.2	0	0.1	0.1	0.5	4.2	15.5	32.6	47.4	65.5
Cancer of the breast	50	12.6	0	0.0	0	0.1	1.9	10.2	23.8	34.9	54.0
Cancer (other sites)	45,47,51-55	45.6	2.5	4.6	2.9	3.8	6.8	18.3	55.8	127.5	240.9
Acute rheumatic fever	58	0.7	0.3	0.5	1.4	0.7	0.8	0.7	0.4	0.4	0.7
Diabetes mellitus	61	26.2	0.8	0.6	0.8	1.7	2.6	5.5	21.1	76.0	178.9
Exophthalmic goiter	63b	1.6	0	0	0.0	0.2	0.4	1.1	2.5	5.1	8.1
Pellagra (except alcoholic)	69	0.5	0	0.0	0	0.0	0.1	0.2	0.4	1.0	3.1
Alcoholism (ethylish)	77	1.6	0.0	0.0	0.0	0.2	1.1	3.0	3.7	3.5	2.9
Intracranial lesions of vascular origin	83	81.4	5.2	1.4	0.7	1.5	4.4	18.5	72.1	186.0	553.3
Diseases of the heart	90-95	321.2	4.6	2.1	3.9	8.8	21.5	84.8	293.0	732.5	1,789.5
Chronic rheumatic diseases of the heart	90a,92b,c,93c,95a	16.6	0.0	0.4	2.5	4.5	7.8	14.6	25.8	35.2	59.1
Diseases of coronary arteries and angina pectoris	94	107.5	0.9	0.1	0.1	1.0	5.5	37.1	157.8	319.4	621.9
Diseases of the heart (other forms)	90b,91,92a,d,e,93a,b,d,e,95a,c	197.0	3.7	1.6	1.3	3.3	8.2	35.1	151.4	378.9	1,108.5
Arteriosclerosis and high blood pressure*	97,102	19.0	0	0	0.0	0.1	0.3	1.3	4.0	15.9	80.2
Pneumonia (all forms) and influenza	107-109,33	43.1	373.6	24.8	4.4	4.8	7.1	13.8	27.8	54.9	133.4
Bronchopneumonia*	107	19.6	226.4	13.4	1.9	1.5	2.2	4.0	8.7	19.0	53.3
Lobar pneumonia	108	14.1	55.4	5.5	1.3	1.8	3.2	6.9	13.8	25.4	55.3
Pneumonia (unspecified)	109	4.1	53.6	3.0	0.5	0.7	0.8	1.4	2.1	4.2	9.9
Influenza	33	5.3	30.1	3.1	0.7	0.8	0.9	1.5	3.2	6.3	17.0
Ulcer of stomach or duodenum	117	6.0	1.0	0.1	0.1	0.3	1.3	4.5	10.4	18.1	27.1
Diarrhea, enteritis, etc.*	119,120	5.6	150.2	5.8	0.4	0.5	0.9	1.1	1.3	2.0	4.2
Appendicitis	121	3.3	0.8	2.5	1.8	1.9	1.9	2.6	4.1	6.7	9.5
Hernia and intestinal obstruction	122	7.5	15.8	1.6	0.5	0.9	1.8	5.8	7.8	15.1	35.1
Cirrhosis of the liver	124	10.4	0.9	0.3	0.2	0.3	2.2	9.8	20.8	30.6	41.8
Biliary calculi, etc.*	125,127	4.4	0.3	0.0	0.0	0.1	0.6	2.0	5.4	15.4	24.1
Nephritis	130-132	56.0	2.8	2.3	1.8	4.2	7.9	19.5	49.2	108.0	284.1
Diseases of the prostate	137	4.9	0	0	0	0.0	0.0	0.0	0.8	6.2	31.8
Diseases of pregnancy, etc.*	140-150	3.5	0	0	0.1	6.5	9.5	6.2	0.3	0.0	0
Puerperal septicemia	140,142a,145a,147	1.1	0	0	0.0	2.1	3.1	1.9	0.1	0	0
Puerperal toxicosis	141a,c,144,148	0.9	0	0	0.0	2.3	2.2	1.5	0.1	0.0	0
Hemorrhage, trauma or shock*	141b,142b,143,146,149	1.1	0	0	0.0	1.5	3.2	2.2	0.1	0	0
Other puerperal causes	141d,e,f,145b,150	0.5	0	0	0.0	0.7	0.9	0.6	0.0	0	0
Congenital malformations	157	14.2	485.3	12.5	2.3	1.7	1.3	1.2	1.1	0.9	0.7
Diseases peculiar to first year of life	158-161	45.5	1,848.5	...	...	...	...	...	...	...	...
Premature birth	158	26.6	1,182.0	...	...	...	...	...	...	...	...
Other diseases peculiar to first year of life	159-161	18.9	686.5	...	...	...	...	...	...	...	...
Suicide	163,164	11.5	0	0	0.3	4.6	9.5	15.3	20.9	26.2	29.5
Homicide	165-168	6.0	4.9	0.6	0.5	7.1	11.1	9.8	6.7	4.4	3.6
Accidental deaths	169-195	69.4	100.7	42.1	26.6	57.4	48.1	50.7	59.2	62.8	156.4
Motor-vehicle accidents	170	22.9	4.9	12.0	10.0	31.6	21.5	19.3	22.0	29.8	45.4
Other accidents	169,171-195	46.5	95.8	30.1	16.7	25.8	26.6	31.4	37.3	53.2	110.9
Senility, ill-defined and unknown causes	182,198,200	19.2	115.9	4.0	0.9	1.5	2.6	5.7	11.8	22.1	57.6
All other causes	56.1	159.7	32.8	12.8	16.0	23.5	38.3	62.9	104.3	191.6	410.8

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

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

BK for the expanding birth-registration area for the years 1915 to 1947, inclusive. Three main periods may be distinguished in the series of rates for the two race groups combined. In the first period, from 1915 to 1929, excepting the high points recorded for 1918 and 1920, the maternal 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 1.3 per 1,000 live births in 1947.

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 1947 was 3.3 per 1,000 live births, a figure three times as high as the rate for the white race.

The maternal mortality rates by age for 1947, given in table BL, illustrate the variation in the risk

TABLE BK.—MATERNAL MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-47
(Deaths from maternal causes per 1,000 live births in each specified group)

YEAR	Total	White	Non-white	YEAR	Total	White	Non-white
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	6.5	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	15.9
1934	5.9	5.4	9.0	1917	6.6	6.3	11.8
1933	6.2	5.6	9.7				
1932	6.3	5.8	9.8	1916	6.2	6.1	11.8
1931	6.6	6.0	11.1	1915	6.1	6.0	10.6

of maternal death with age. The maternal mortality rate is high at the two extremes of the childbearing ages and comparatively low in the age range from 15 to 29 years.

TABLE EL.—DEATHS FROM PUERPERAL CAUSES AND MATERNAL MORTALITY RATES, BY AGE: UNITED STATES, 1947

(Rates per 1,000 live births in each specified group)

AGE OF MOTHER	Number	Rate
TOTAL ¹ -----	4,978	1.3
10 to 14 years-----	21	4.7
15 to 19 years-----	488	1.1
20 to 24 years-----	1,013	0.9
25 to 29 years-----	1,118	1.1
30 to 34 years-----	1,040	1.7
35 to 39 years-----	871	2.9
40 to 44 years-----	376	4.9
45 to 49 years-----	48	9.0
50 years and over-----	3	15.2

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

INFANT MORTALITY STATISTICS

There were 119,173 deaths of infants under 1 year of age registered in the United States in 1947, or 8,110 more than in 1946. This increase was due to the continuation of the postwar rise in the birth rate and not to an increase in the risk of mortality among infants. The infant mortality rate for the United States in 1947 was 32.2 per 1,000 live births, as compared with 33.8 for 1946. This is the lowest infant mortality rate for the country in the history of the birth-registration area.

Infant mortality trend

Table BM gives the infant mortality rates for the

TABLE BM.—INFANT MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-47

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

YEAR	Total	White	NONWHITE		
			Total	Negro	Other
1947-----	32.2	30.1	48.5	47.7	65.7
1946-----	33.8	31.8	49.5	48.8	63.4
1945-----	38.3	35.6	57.0	56.2	74.3
1944-----	39.6	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	86.8
1940-----	47.0	43.2	73.8	72.9	91.0
1939-----	48.0	44.3	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	106.9
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	103.5
1931-----	61.6	57.4	93.1	92.7	117.8
1930-----	64.6	60.1	99.9	99.5	141.1
1929-----	67.6	63.2	102.2	101.5	119.3
1928-----	66.7	64.0	106.2	105.9	111.8
1927-----	64.6	60.6	100.1	99.9	103.4
1926-----	73.3	70.0	111.8	112.1	108.9
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	78.6
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	150.7	148.6	142.5
1916-----	101.0	99.0	184.9	184.3	204.6
1915-----	99.9	98.6	181.2	180.6	196.2

expanding birth-registration area for the years 1915 to 1947, inclusive. Rates for the individual States are shown in table III by place of occurrence for the years 1915 to 1947, and in table VI by place of residence for the years 1939 to 1947. 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 BM also gives infant mortality rates for the white, the Negro, and 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 BM, and in the following tables unless otherwise specified, 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.²⁹ 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.

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 BN gives the infant mortality rates adjusted for the changing numbers of births for the United States from 1934 to 1947. These may be compared with the unadjusted, or conventionally computed, rates shown in table BM. Because of the rising birth rate, the

²⁹For further discussion of the problem and method of adjusting infant mortality rates, see Moriyama, Iwao M., and Greville, Thomas N. E., "Effect of Changing Birth Rates Upon Infant Mortality Rates," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 19, No. 21, 1948.

conventional rate for 1947 (32.2 per 1,000 live births) is somewhat low in comparison with the adjusted rate (32.8). Similarly, the conventional rate for 1943, when the birth rate rose to its wartime high, is lower than the adjusted rate (40.4 as compared with 40.7) while for 1944, when the birth rate declined, the conventional rate is somewhat higher than the adjusted figure (39.8 as compared with 39.4). 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 change in mortality risk from one year to the next. For example, between 1943 and 1944, there was an apparent decrease of only 1.5 percent in infant mortality, as measured by the conventional rates. If correction is made, however, for the decline in the number of births between 1943 and 1944, the decrease in infant mortality is found to be 3.2 percent or more than twice as great.

TABLE EN.—INFANT MORTALITY RATES ADJUSTED FOR CHANGING NUMBERS OF BIRTHS: UNITED STATES, 1934-47

(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
1947	32.8	1940	47.4
1946	34.6	1939	48.0
1945	38.1	1938	51.4
1944	39.4	1937	54.7
1943	40.7	1936	57.1
1942	41.2	1935	55.7
1941	45.9	1934	60.6

Monthly infant mortality rates, computed by conventional methods, are likewise influenced by changes in the numbers of births. Seasonal changes alone are sufficient to introduce an appreciable 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 BO gives infant mortality rates by month for

TABLE BO.—INFANT MORTALITY RATES BY MONTH: UNITED STATES, 1940-47

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

MONTH	1947	1946	1945	1944	1943	1942	1941	1940
TOTAL ¹	32.8	34.6	38.1	39.4	40.7	41.2	45.9	47.4
January	36.7	39.7	41.3	43.7	44.5	47.4	57.4	56.1
February	35.1	39.5	43.1	40.3	43.8	47.4	52.4	52.1
March	34.7	36.7	39.8	41.8	44.0	45.3	50.3	49.5
April	32.8	37.0	36.9	40.9	39.4	42.1	45.2	46.8
May	31.3	38.1	36.2	39.1	38.1	40.6	43.6	45.5
June	29.9	36.5	36.5	39.3	38.7	39.9	43.3	44.0
July	29.1	33.5	34.4	37.3	38.1	40.4	43.8	44.4
August	29.8	32.4	37.1	37.1	37.8	37.8	42.1	41.7
September	29.3	31.2	37.2	38.1	36.2	38.3	41.7	41.7
October	29.6	32.1	35.9	39.7	37.3	38.1	44.3	44.4
November	31.4	32.7	36.4	37.8	39.8	38.4	44.0	49.1
December	34.3	35.4	41.1	39.4	44.3	42.2	43.2	53.1

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

the United States for the 8 years from 1940 to 1947. 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 1947, the infant mortality rate swung from a seasonal high of 36.7 per 1,000 live births in January to a low of 29.1 in July and then rose to 34.3 in December. The infant mortality rate for each month of 1947 was the lowest so far recorded for the month.

Infant mortality rates for geographic areas

Table BP shows infant mortality rates in 1947 by race for urban and rural areas of the United States. These figures are by place of residence.

TABLE BP.—DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY RACE: URBAN AND RURAL: UNITED STATES, 1947

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

AREA	NUMBER			RATE		
	Total	White	Non-white	Total	White	Non-white
UNITED STATES	119,173	98,547	20,626	32.2	30.1	48.5
Urban	70,700	59,369	11,331	31.9	29.9	49.5
Places of 100,000 or more	31,360	25,195	6,165	30.0	27.7	45.5
Places of 25,000 to 100,000	14,853	12,537	2,316	32.3	30.3	53.8
Places of 10,000 to 25,000	10,539	9,176	1,362	35.0	31.2	54.3
Places of 2,500 to 10,000	14,129	12,461	1,668	35.6	35.8	58.8
Rural	48,473	39,178	9,295	32.6	30.4	47.3

In neither race group, is there a marked difference between the rates for the urban and rural areas. Within the urban population, however, an inverse association is apparent between population size of place and infant mortality. For all races, the infant mortality rate ranges from a high of 35.6 per 1,000 live births for the small urban places having populations of 2,500 to 10,000 to a low of 30.0 for the large cities with populations of 100,000 or more.

The infant mortality rates in 1947 for each State and geographic division are given in table BQ by place of residence. For the individual States these rates ranged from 24.7 per 1,000 live births for Oregon to 67.9 for New Mexico. For a quarter of the States the rates were lower than 28.9; for half of the States the rates fell within the range of 28.9 to 36.3; 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 Divisions.

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 for the smaller cities, and an understatement for the surrounding rural areas. Since these considerations

TABLE BQ.—INFANT MORTALITY RATES BY RACE: UNITED STATES EACH DIVISION AND STATE, 1947

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

AREA	Total	White	Nonwhite
UNITED STATES	32.2	30.1	48.5
GEOGRAPHIC DIVISIONS			
New England	28.6	28.3	47.5
Middle Atlantic	29.2	27.9	48.7
East North Central	29.9	29.0	45.0
West North Central	29.7	28.6	61.4
South Atlantic	35.7	31.5	47.2
East South Central	36.9	33.7	46.5
West South Central	37.5	34.9	50.1
Mountain	40.0	36.7	112.6
Pacific	29.7	29.0	40.6
NEW ENGLAND			
Maine	35.7	35.7	81.1
New Hampshire	30.1	30.0	90.9
Vermont	31.2	31.2	0
Massachusetts	28.1	27.7	47.3
Rhode Island	28.2	27.6	53.6
Connecticut	25.2	24.6	45.0
MIDDLE ATLANTIC			
New York	28.2	27.1	45.6
New Jersey	27.9	26.3	47.6
Pennsylvania	31.1	29.5	56.8
EAST NORTH CENTRAL			
Ohio	29.5	28.6	42.5
Indiana	30.6	29.7	52.4
Illinois	29.9	27.9	41.6
Michigan	31.5	30.4	48.0
Wisconsin	29.5	29.0	70.3
WEST NORTH CENTRAL			
Minnesota	28.6	28.1	91.6
Iowa	28.5	28.2	60.9
Missouri	32.5	30.2	61.0
North Dakota	30.6	29.8	72.5
South Dakota	30.9	28.6	84.7
Nebraska	27.8	27.6	38.8
Kansas	28.1	27.3	47.8
SOUTH ATLANTIC			
Delaware	31.0	29.8	44.0
Maryland	31.6	27.8	48.5
District of Columbia	31.9	26.9	40.9
Virginia	36.6	32.0	51.8
West Virginia	38.0	37.3	51.6
North Carolina	34.9	30.9	44.5
South Carolina	39.5	32.6	48.8
Georgia	34.2	28.3	45.9
Florida	38.2	34.4	49.1
EAST SOUTH CENTRAL			
Kentucky	37.1	36.4	51.5
Tennessee	36.3	33.9	49.2
Alabama	37.5	31.0	49.8
Mississippi	36.8	31.6	41.9
WEST SOUTH CENTRAL			
Arkansas	29.5	28.3	33.9
Louisiana	37.2	29.4	50.5
Oklahoma	32.3	29.8	53.7
Texas	41.1	39.0	56.4
MOUNTAIN			
Montana	32.1	28.1	115.2
Idaho	29.4	28.8	76.2
Wyoming	34.0	33.7	49.0
Colorado	37.5	37.3	51.4
New Mexico	67.8	62.3	137.4
Arizona	50.8	39.6	135.7
Utah	25.1	24.7	55.2
Nevada	33.2	32.3	47.4
PACIFIC			
Washington	28.1	27.7	42.2
Oregon	24.7	24.1	65.2
California	29.4	28.7	39.6

apply also to natality data, the error is more or less compensated in the infant mortality rate which is the 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 BR gives infant mortality rates by age for the birth-registration States for every fifth year beginning with 1915 and for 1946 and 1947. Since 1915, when the birth-registration area was established, the total infant mortality rate has declined almost 68 per cent. 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 increasing from 71.7 percent for infants 7 to 13 days of age to 89.5 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 28.7 percent for infants under 1 day to 55.2 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.

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

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

AGE	1947	1946	1945	1940	1935	1930	1925	1920	1915
UNDER 1 YEAR	32.2	33.8	36.3	47.0	55.7	64.6	71.7	85.8	99.9
Under 1 day	10.7	11.4	11.2	13.9	15.0	15.0	15.0	14.8	15.0
1 day	3.4	3.5	3.3	3.5	3.7	4.2	4.2	4.6	4.9
2 days	2.1	2.2	2.1	2.2	2.4	2.9	3.2	3.4	3.5
3 to 6 days	3.0	3.0	3.1	3.6	4.4	5.1	5.8	6.4	6.7
7 to 13 days	1.7	1.9	2.1	2.4	3.1	3.9	4.4	5.4	6.0
14 to 20 days	1.0	1.1	1.3	1.6	2.0	2.5	2.9	3.8	4.6
21 to 29 days	0.9	0.9	1.2	1.4	1.8	2.1	2.3	3.1	3.7
Under 1 month	22.8	24.0	24.3	28.8	32.4	35.7	37.8	41.5	44.4
1 month	2.0	2.2	2.6	3.5	4.4	5.3	5.8	7.3	9.0
2 months	1.6	1.6	2.2	2.9	3.5	4.2	4.6	5.7	7.6
3 to 5 months	3.0	3.0	4.5	5.9	7.1	8.8	10.3	13.1	16.9
6 to 8 months	1.7	1.8	2.7	3.6	4.8	6.2	7.4	10.0	12.5
9 to 11 months	1.0	1.1	1.6	2.4	3.5	4.6	5.8	8.3	9.5

The distribution of infant mortality in 1947 by age, race, and sex is shown in table BS. The mortality among nonwhite infants is very 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 rate for all nonwhite infants under 1 year was 48.5 per 1,000 live births, as compared with 30.1 for white infants.

The infant mortality among males is also considerably higher than that among females. In 1947, the rate for all males under 1 year was 36.1 per 1,000 live births, while the rate for female infants was 28.1. 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 1947.

TABLE BS.—INFANT MORTALITY RATES BY DETAILED AGE, RACE, AND SEX: UNITED STATES, 1947
(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--	32.2	36.1	28.1	30.1	35.9	26.0	48.5	53.2	43.7
Under 1 day-----	10.7	12.1	9.3	10.4	11.8	8.9	13.5	15.1	11.9
1 day-----	3.4	3.9	2.9	3.4	3.9	2.8	4.0	4.4	3.6
2 days-----	2.1	2.5	1.7	2.1	2.5	1.7	2.5	3.0	2.0
3 to 6 days-----	3.0	3.4	2.5	2.8	3.2	2.3	4.7	5.4	3.9
7 to 13 days-----	1.7	1.8	1.5	1.5	1.7	1.3	3.1	3.4	2.8
14 to 20 days-----	1.0	1.0	0.9	0.9	1.0	0.8	1.6	1.6	1.5
21 to 29 days-----	0.9	1.0	0.8	0.8	0.9	0.7	1.6	1.7	1.5
Under 1 month-----	22.8	25.9	19.5	21.7	24.8	18.5	31.0	34.6	27.4
1 month-----	2.0	2.3	1.8	1.9	2.1	1.5	3.8	4.1	3.6
2 months-----	1.6	1.8	1.4	1.4	1.6	1.3	3.0	3.3	2.7
3 months-----	1.3	1.4	1.1	1.1	1.2	1.0	2.4	2.5	2.2
4 months-----	1.0	1.1	0.9	0.9	1.0	0.8	1.9	2.0	1.7
5 months-----	0.8	0.8	0.7	0.7	0.8	0.6	1.4	1.4	1.3
6 months-----	0.7	0.7	0.6	0.6	0.6	0.6	1.3	1.3	1.3
7 months-----	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.1	0.9
8 months-----	0.5	0.5	0.5	0.4	0.4	0.4	1.0	1.0	1.0
9 months-----	0.4	0.4	0.4	0.4	0.4	0.3	0.7	0.7	0.7
10 months-----	0.3	0.4	0.3	0.3	0.3	0.3	0.6	0.6	0.5
11 months-----	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6

However, these rates, computed for unequal age intervals, are better adapted for showing the proportionate distribution of infant mortality by age than the variation 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 for 1947, as shown in table BT. 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.³⁰ The rates in excess of 1,000 for the two youngest age groups indicate that if the rate of dying in these age groups were to continue, no infant would survive the first 365 days of life.

TABLE BT.—INFANT MORTALITY RATES BY DETAILED AGE, ADJUSTED TO AN ANNUAL BASIS: UNITED STATES, 1947

(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-----	32.2	2 months-----	19.3
Under 1 day-----	5,918.0	3 months-----	15.1
1 day-----	1,251.2	4 months-----	12.1
2 days-----	778.4	5 months-----	9.2
3 to 6 days-----	271.2	6 months-----	8.2
7 to 13 days-----	87.0	7 months-----	6.5
14 to 20 days-----	50.7	8 months-----	5.9
21 to 29 days-----	35.5	9 months-----	4.7
Under 1 month-----	277.2	10 months-----	3.9
1 month-----	24.4	11 months-----	3.7

Infant mortality by cause of death

Infant mortality rates for selected causes are presented in table BU for the years 1935, 1940, and 1945 to 1947. The major features of this table are the predominance of premature birth as a cause of infant

³⁰For 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.

deaths, the decline between 1935 and 1947 in mortality from the infectious diseases, the relatively small change in the infant mortality rates for congenital malformations and accidents, and the increase in deaths attributed to asphyxia (cause not specified) and atelectasis. In 1935, the five leading causes of death among infants were premature birth; pneumonia and influenza; diarrhea, enteritis, and ulceration of the intestines; congenital malformations; and injury at birth. By 1947, pneumonia and influenza had fallen to third place, being replaced by congenital malformations, and diarrhea and enteritis had dropped from the listing, its place in fifth rank being taken by asphyxia.

TABLE BU.—INFANT MORTALITY RATES FOR SELECTED CAUSES: UNITED STATES, 1935, 1940, 1945-47

(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	1947	1946	1945	1940	1935
	32.2	33.8	38.3	47.0	55.7
ALL CAUSES-----	32.2	33.8	38.3	47.0	55.7
Cerebrospinal (meningococcus) meningitis-----	6	0.1	0.1	0.1	0.1
Scarlet fever-----	8	0.0	0.0	0.0	0.1
Whooping cough-----	9	0.4	0.3	0.5	0.9
Diphtheria (infection by C. diphtheriae)-----	10	0.0	0.0	0.0	0.1
Tuberculosis (all forms)-----	13-22	0.1	0.1	0.2	0.2
Tuberculosis of the respiratory system, etc.*-----	13	0.0	0.1	0.1	0.1
Tuberculosis of the meninges, etc.*-----	14	0.0	0.0	0.1	0.1
Tuberculosis (other forms)-----	15-22	0.0	0.0	0.0	0.1
Dysentery-----	27	0.1	0.1	0.3	0.4
Malaria-----	28	0.0	0.0	0.0	0.1
Syphilis-----	30	0.1	0.2	0.3	0.5
Measles-----	35	0.0	0.1	0.0	0.1
Diseases of the thymus gland-----	64	0.3	0.3	0.4	0.4
Meningitis (not due to meningococcus)-----	81	0.2	0.2	0.2	0.3
Intracranial lesions of vascular origin-----	83	0.0	0.0	0.1	0.1
Convulsions-----	86	0.1	0.1	0.1	0.2
Diseases of the ear and mastoid process-----	89	0.0	0.1	0.1	0.2
Diseases of the heart-----	90-95	0.0	0.0	0.1	0.1
Pneumonia (all forms) and influenza-----	107-109,33	3.6	3.8	5.3	7.4
Bronchopneumonia, etc.*-----	107	2.2	2.3	3.1	4.5
Lobar pneumonia-----	108	0.6	0.7	0.9	1.4
Pneumonia (unspecified)-----	109	0.5	0.5	0.7	0.5
Influenza-----	33	0.3	0.4	0.6	1.1
Other diseases of respiratory system-----	104-106,110-114	0.3	0.3	0.4	0.5
Ulcer of stomach or duodenum-----	117	0.0	0.0	0.0	0.0
Diarrhea, enteritis, etc.*-----	119	1.5	1.7	3.0	3.5
Intestinal obstruction-----	122b	0.2	0.1	0.2	0.3
Other diseases of digestive system-----	115,116,118,121,123-129	0.1	0.1	0.2	0.4
Nephritis-----	130,131	0.0	0.0	0.0	0.1
Congenital malformations-----	157	4.6	4.5	5.0	4.7
Diseases peculiar to first year of life-----	158-161	17.7	18.8	18.6	21.9
Congenital debility-----	158	0.5	0.5	0.8	1.2
Premature birth-----	159	11.1	12.1	11.6	13.7
Injury at birth-----	160	3.5	3.6	3.6	4.5
Other diseases peculiar to the first year-----	161	2.6	2.5	2.6	2.5
Asphyxia (cause not specified), atelectasis-----	161a	1.6	1.5	1.5	1.3
Infection of the umbilicus, etc.*-----	161b,c	1.0	1.1	1.2	1.2
Homicide-----	165-168	0.0	0.0	0.1	0.0
Accidental deaths-----	169-195	1.0	0.9	1.0	1.1
Accidental mechanical suffocation-----	182	0.4	0.4	0.5	0.5
Other accidental deaths-----	169-181,183-195	0.5	0.5	0.5	0.6
Ill-defined and unknown causes-----	199,200	1.1	1.3	1.6	2.4
All other causes-----		0.6	0.6	1.0	1.1

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

TABLE BV.—INFANT MORTALITY RATES FOR THE FIVE LEADING CAUSES, BY AGE: UNITED STATES, 1947

(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 malformation (157)	Pneumonia and influenza (107-109,33)	Injury at birth (160)	Asphyxia (cause not specified and atelectasis) (161a)
TOTAL-----	32.2	11.1	4.6	3.6	3.5	1.6
Under 1 month-----	22.8	10.9	3.0	0.9	5.5	1.5
Under 1 day-----	10.7	6.3	1.0	0.0	1.9	0.8
1 to 6 days-----	8.5	3.6	1.2	0.3	1.4	0.7
1 to 3 weeks-----	3.5	0.9	0.8	0.5	0.2	0.1
1 to 11 months-----	9.4	0.2	1.6	2.7	0.1	0.1
1 to 5 months-----	6.7	0.2	1.2	1.9	0.0	0.1
6 to 11 months-----	2.7	0.0	0.4	0.8	0.0	0.0

The infant mortality rates for the five leading causes of death in 1947 are shown by age in table BW. In the main, these are causes of death in early infancy. Nearly all deaths in 1947 from premature birth, injury at birth, and asphyxia, as well as two-thirds of the deaths from congenital malformations, occurred within the first month of life. On the other hand, only a quarter of the deaths from pneumonia and influenza occurred at this age, the great majority occurring among infants 1 month of age and over.

DEATHS IN INSTITUTIONS

A total of 47.2 percent of the deaths registered in the United States in 1947 was reported as occurring in hospitals or institutions. Since 1937, when annual data of this type first became available, there has been a steady increase in the proportion of deaths occurring in institutions. In 1937, only 36.7 percent of the total deaths were reported as having occurred in hospitals or institutions (table BY).

TABLE BY.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES, 1937-47
(Exclusive of stillbirths)

YEAR	Total	In institution	Not in institution
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 1940-47 exclude deaths among armed forces overseas.

The term institution, as used here, includes all types of hospitals, sanatoriums, 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 BZ shows the number of deaths in 1947 occurring in institutions classified by type of service and by type of control of the institution. For the most part, deaths classified as occurring in institutions take place in general hospitals. Of the total number of deaths, 37.5 percent occurred in general hospitals, 2.9 percent in other nonresident hospitals and institutions, 3.3 percent in mental institutions, and 2.3 percent in other resident institutions. (The remaining 52.8 percent did not occur in hospitals or institutions.) In a small percentage of the cases, the type of service of the institution in which death occurred was not stated. The great majority of deaths occurring in institutions occurred in nonprofit or in city or county owned hospitals or institutions.

Table CA shows for each State, the proportion of the deaths among its residents which occurred in institutions in 1947. The proportion ranged from 28.8 percent for residents of Mississippi to 60.9 percent for residents of Montana. In general, the proportion was low for residents of Southern States and comparatively high for those of the Mountain and Pacific States.

TABLE BZ.—NUMBER AND PERCENTAGE DISTRIBUTION OF DEATHS IN INSTITUTIONS, BY TYPE OF SERVICE AND CONTROL: UNITED STATES, 1947

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

TYPE OF SERVICE AND TYPE OF CONTROL	Number of deaths	Percent of total deaths
TOTAL	1,445,370	100.0
Not in institution	763,799	52.8
In institution	681,571	47.2
TYPE OF SERVICE:		
Nonresident institutions	522,565	40.3
General hospitals	541,525	37.5
Maternity hospitals	2,453	0.2
Children's hospitals	5,922	0.3
Tuberculosis hospitals	15,978	1.1
Special and other nonresident hospitals	7,895	0.5
Convalescent, etc., homes	10,173	0.7
Other nonresident institutions	729	0.1
Resident institutions	80,448	5.6
Mental institutions	47,866	3.3
Other resident institutions	32,780	2.3
Not stated	18,560	1.3
TYPE OF CONTROL:		
Federal	25,262	1.7
State	64,474	4.5
County, city, city-county	161,005	11.1
Nonprofit	277,627	19.2
Proprietary	134,613	9.3
Not stated	18,590	1.3

TABLE CA.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES AND EACH STATE, 1947

(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	47.2	52.8
Alabama	100.0	30.8	69.2
Arizona	100.0	55.3	44.7
Arkansas	100.0	34.7	65.3
California	100.0	56.6	43.4
Colorado	100.0	55.9	44.1
Connecticut	100.0	53.6	46.2
Delaware	100.0	47.2	52.8
District of Columbia	100.0	60.2	39.8
Florida	100.0	46.1	53.9
Georgia	100.0	35.4	64.6
Idaho	100.0	52.5	47.5
Illinois	100.0	52.4	47.6
Indiana	100.0	41.4	58.6
Iowa	100.0	48.0	52.0
Kansas	100.0	48.3	51.7
Kentucky	100.0	31.2	68.8
Louisiana	100.0	42.4	57.6
Louisiana	100.0	41.2	58.9
Maine	100.0	42.1	57.9
Maryland	100.0	51.0	49.0
Massachusetts	100.0	50.8	49.2
Michigan	100.0	55.1	44.9
Minnesota	100.0	28.8	71.2
Mississippi	100.0	45.1	54.9
Missouri	100.0	60.9	39.1
Montana	100.0	48.0	52.0
Nebraska	100.0	57.1	42.9
Nevada	100.0	50.6	49.4
New Hampshire	100.0	49.8	50.2
New Jersey	100.0	43.2	56.8
New Mexico	100.0	54.8	45.2
New York	100.0	36.8	63.2
North Carolina	100.0	56.0	44.0
North Dakota	100.0	45.3	54.7
Ohio	100.0	40.6	59.4
Oklahoma	100.0	54.5	45.5
Oregon	100.0	46.4	53.6
Pennsylvania	100.0	47.0	53.0
Rhode Island	100.0	35.2	64.8
South Carolina	100.0	51.8	48.2
South Dakota	100.0	35.4	64.6
Tennessee	100.0	39.1	60.9
Texas	100.0	47.7	52.3
Utah	100.0	43.5	56.5
Vermont	100.0	38.9	61.1
Virginia	100.0	59.9	40.1
Washington	100.0	37.1	62.9
West Virginia	100.0	52.1	47.9
Wisconsin	100.0	57.0	43.0
Wyoming	100.0	47.7	52.3

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 CB, 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 1947.

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 CB, 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, 5.1 years longer than white males, and 7.8 years longer than nonwhite females, while white males live 6.2 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 CB, the median length of life on the basis of 1947 mortality rates for white males is determined to be 69.8 years, for white females 75.4 years, for nonwhite males 61.5 years, and for nonwhite females 64.9 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 1947 life tables is 97 percent, while at age 65 the ra-

tio is 71 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 67 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 CC, together with corresponding figures from life tables for the single years 1945, 1946, and 1947. 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 47 years between 1900 and 1947, the average duration of life has increased by 17.0 years for white males and 19.5 years for white females, while the proportion reaching age 65 has increased by 57 percent for white males and 70 percent for white females. The improvement in the average remaining lifetime becomes progressively less at older ages, but the recent values even at the oldest ages shown 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 1947 the improvement of about 10 years in the average duration of life for nonwhite males and about 12 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 0.0095. In other words, if the age-specific mortality rates prevailing in 1947 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, 9.5 would die before reaching their 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 propor-

tions 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, 96,550 will complete the first year of life and enter the second; 95,932 will begin the sixth year; 94,509 will reach age 20; and 11,006 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 3,450 die in the first year of life, 618 in the succeeding 4 years, 898 in the 5-year period between exact ages 20 and 25, and 11,006 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 (${}_n l_x$ and T_x).—Suppose that a 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

TABLE CB.—ABRIDGED LIFE TABLES FOR FOUR RACE-SEX GROUPS IN THE UNITED STATES: 1947

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				Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_n q_x$	l_x	${}_n d_x$	${}_x l_x$	T_x	e_x	x to $x+n$	${}_n q_x$	l_x	${}_n d_x$	${}_x l_x$	T_x	e_x
WHITE MALES							NONWHITE MALES						
0-1	0.0345	100,000	3,450	97,000	6,516,109	65.2	0-1	0.0545	100,000	5,450	95,475	5,794,247	57.9
1-5	.0084	96,550	618	364,387	6,419,109	66.5	1-5	.0109	94,550	1,021	374,860	5,699,772	60.3
5-10	.0039	95,932	374	478,629	6,034,722	62.9	5-10	.0047	93,529	440	466,321	5,329,912	56.9
10-15	.0039	95,558	373	476,915	5,556,093	59.1	10-15	.0060	93,089	559	464,086	4,857,591	52.2
15-20	.0071	95,185	676	474,368	5,079,178	53.4	15-20	.0129	92,530	1,194	459,849	4,393,525	47.5
20-25	.0095	94,509	898	470,356	4,604,810	48.7	20-25	.0210	91,336	1,918	452,120	3,933,676	43.1
25-30	.0098	93,611	917	465,818	4,134,454	44.2	25-30	.0252	89,416	2,283	441,563	3,481,556	38.9
30-35	.0117	92,694	1,085	460,887	3,668,636	39.6	30-35	.0290	87,135	2,527	429,611	3,039,993	34.9
35-40	.0169	91,609	1,548	454,411	3,207,749	35.0	35-40	.0426	84,608	3,606	416,324	2,610,382	30.8
40-45	.0262	90,061	2,360	444,796	2,753,336	30.6	40-45	.0569	81,032	4,611	393,853	2,196,059	27.1
45-50	.0404	87,701	3,543	430,215	2,308,542	26.3	45-50	.0819	76,421	6,259	366,665	1,902,205	23.6
50-55	.0641	84,158	5,395	408,068	1,878,327	22.3	50-55	.1190	70,162	8,349	330,215	1,436,542	20.5
55-60	.0925	78,783	7,286	376,486	1,470,259	18.7	55-60	.1451	61,813	9,969	296,792	1,106,327	17.9
60-65	.1364	71,477	9,749	333,905	1,093,773	15.3	60-65	.1763	52,844	9,316	240,920	810,635	15.5
65-70	.1979	61,728	12,216	278,968	759,868	12.3	65-70	.2354	43,528	10,246	192,017	577,615	13.3
70-75	.2755	49,512	13,631	214,055	460,900	9.7	70-75	.2860	33,282	9,519	142,538	385,596	11.6
75-80	.3772	35,881	13,534	145,058	266,845	7.4	75-80	.3190	23,763	7,590	99,733	243,060	10.2
80-85	.5075	22,347	11,341	81,505	121,787	5.4	80-85	.3384	16,183	5,476	66,986	143,327	8.9
85 and over	1.0000	11,006	11,006	40,282	40,282	3.7	85 and over	1.0000	10,707	10,707	76,341	76,341	7.1
WHITE FEMALES							NONWHITE FEMALES						
0-1	0.0265	100,000	2,650	97,728	7,064,140	70.6	0-1	0.0449	100,000	4,490	96,335	6,188,067	61.9
1-5	.0053	97,350	516	387,844	6,966,412	71.6	1-5	.0095	95,510	907	379,142	6,089,734	63.8
5-10	.0027	96,834	261	485,421	6,578,568	67.9	5-10	.0039	94,603	369	471,885	5,710,592	60.4
10-15	.0024	96,573	232	482,324	6,095,147	63.1	10-15	.0050	94,234	471	470,011	5,238,707	55.6
15-20	.0039	96,341	376	480,861	5,612,623	58.3	15-20	.0112	93,763	1,050	468,432	4,768,698	50.9
20-25	.0051	95,965	489	478,679	5,131,862	53.5	20-25	.0180	92,713	1,762	459,307	4,302,264	46.4
25-30	.0062	95,476	592	475,976	4,655,283	48.7	25-30	.0219	90,951	1,892	449,829	3,842,957	42.3
30-35	.0081	94,884	789	472,592	4,177,307	44.0	30-35	.0246	88,959	2,188	439,450	3,392,128	38.1
35-40	.0114	94,115	1,073	468,042	3,704,715	39.4	35-40	.0376	86,771	3,263	425,851	2,952,698	34.0
40-45	.0165	93,042	1,517	461,676	3,236,675	34.8	40-45	.0451	83,508	3,768	408,321	2,527,847	30.3
45-50	.0243	91,525	2,224	452,445	2,774,997	30.3	45-50	.0699	79,742	5,574	385,083	2,119,526	26.6
50-55	.0394	89,301	3,251	436,321	2,322,352	26.0	50-55	.0936	74,168	6,942	359,798	1,734,443	23.4
55-60	.0533	86,050	4,586	419,572	1,865,631	21.9	55-60	.1185	67,226	7,852	318,765	1,390,647	20.5
60-65	.0833	81,464	6,786	391,417	1,464,059	18.0	60-65	.1617	59,394	9,604	272,982	1,063,892	17.9
65-70	.1351	74,678	10,089	349,589	1,072,642	14.4	65-70	.2156	49,790	10,655	222,300	790,800	15.9
70-75	.2082	64,589	13,447	290,774	723,054	11.2	70-75	.2324	39,155	9,100	172,970	568,600	14.5
75-80	.3099	51,142	15,849	216,380	432,280	8.5	75-80	.2468	30,055	7,418	131,625	395,630	13.2
80-85	.4640	35,293	16,376	133,780	215,890	6.1	80-85	.2775	22,637	6,282	97,184	264,005	11.7
85 and over	1.0000	18,917	18,917	82,100	82,100	3.8	85 and over	1.0000	16,355	16,355	166,821	166,821	10.2

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interval 20-25 is 470,356. 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 470,356 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 4,604,810 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 6,516,109.

Column 7—Average remaining lifetime (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

TABLE CC.—LIFE TABLE VALUES FOR SELECTED SPECIFIC AGES BY RACE AND SEX AT 10-YEAR INTERVALS 1900-1941, 1945, 1946, AND 1947 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)							
	1947 (U.S.)	1946 (U.S.)	1945 (U.S.)	1939-41 (U.S.)	1929-31 ¹ (U.S.)	1919-21 (D.R.S. of 1920)	1909-11 (D.R.S. of 1900)	1900- 1902 (D.R.S. of 1900)	1947 (U.S.)	1946 (U.S.)	1945 (U.S.)	1939-41 (U.S.)	1929-31 ¹ (U.S.)	1919-21 (D.R.S. of 1920)	1909-11 (D.R.S. of 1900)	1900- 1902 (D.R.S. of 1900)
WHITE MALE																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	65.2	65.1	64.4	62.61	59.12	56.54	50.23	46.23
1	96,550	96,330	96,020	95,188	93,768	91,975	87,674	86,655	66.5	66.6	66.1	64.98	62.04	60.24	56.26	54.61
5	95,932	95,636	95,281	94,150	91,738	88,642	82,972	80,864	62.9	63.1	62.6	61.68	59.38	58.31	55.37	54.43
10	95,558	95,196	94,905	93,601	90,810	87,530	81,519	79,109	58.1	58.3	57.9	57.03	54.96	54.15	51.32	50.59
15	95,185	94,758	94,321	93,089	90,074	86,546	80,549	78,057	53.4	53.6	53.2	52.33	50.39	49.74	46.91	46.25
20	94,509	94,076	93,595	92,293	88,904	84,897	79,116	76,376	48.7	49.0	48.6	47.76	46.02	45.60	42.71	42.19
25	93,611	93,145	92,706	91,241	87,371	83,061	77,047	73,907	44.2	44.4	44.0	43.28	41.78	41.60	38.79	38.52
30	92,694	92,195	91,760	90,092	85,707	80,888	74,810	71,219	39.6	39.9	39.5	39.80	37.54	37.65	34.87	34.88
35	91,639	91,061	90,576	88,713	83,612	78,441	72,108	68,245	35.0	35.3	34.9	34.36	33.33	33.74	31.09	31.29
40	90,061	89,486	88,900	86,880	81,457	75,733	68,848	64,954	30.6	30.9	30.6	30.05	29.32	29.96	27.43	27.74
45	87,701	87,177	86,455	84,285	78,345	72,696	65,115	61,369	26.3	26.7	26.3	25.87	25.28	26.00	23.66	24.21
50	84,159	83,655	82,815	80,521	74,288	69,107	60,741	57,274	22.3	22.7	22.4	21.96	21.51	22.22	20.39	20.76
55	79,763	79,368	77,498	75,156	68,981	64,574	55,622	52,491	18.7	19.0	18.7	18.34	17.97	18.59	17.03	17.42
60	71,477	71,323	70,229	67,787	61,933	58,498	48,987	46,452	15.3	15.6	15.4	15.05	14.72	15.28	13.98	14.35
65	61,728	61,809	60,580	58,305	52,964	50,683	40,862	38,245	12.3	12.6	12.4	12.07	11.77	12.21	11.25	11.51
70	49,532	49,973	48,688	46,739	41,880	40,873	31,527	30,640	9.7	10.0	9.9	9.42	9.20	9.51	8.83	9.03
75	35,881	36,780	35,508	33,404	29,471	29,205	21,585	21,387	7.4	7.7	7.6	7.17	7.02	7.30	6.75	6.84
WHITE FEMALE																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	70.6	70.3	69.5	67.29	62.67	59.55	53.62	51.09
1	97,350	97,180	96,900	96,211	95,037	93,608	89,774	88,939	71.6	71.3	70.8	68.93	64.93	61.51	56.89	56.39
5	96,834	96,587	96,270	95,216	93,721	90,721	85,349	83,426	67.9	67.7	67.2	65.57	62.17	59.43	57.67	56.03
10	96,573	96,278	95,933	94,690	92,466	89,564	83,979	81,723	63.1	63.0	62.4	60.85	57.65	55.17	53.57	52.15
15	96,341	96,008	95,626	94,534	91,694	88,712	83,093	80,680	58.3	58.1	57.6	56.07	53.00	50.67	49.12	47.79
20	95,965	95,605	95,136	93,984	90,959	87,281	81,760	78,978	53.5	53.4	52.9	51.39	48.52	46.46	44.88	43.77
25	95,476	95,050	94,615	93,228	89,524	85,163	79,865	76,588	48.7	48.7	48.2	46.78	44.25	42.55	40.88	40.05
30	94,884	94,404	93,924	92,320	87,972	82,740	77,676	73,887	44.0	44.0	43.5	42.21	39.99	39.72	36.96	36.42
35	94,115	93,583	93,022	91,211	86,248	80,206	75,200	70,971	39.4	39.3	38.9	37.70	35.73	34.06	33.09	32.82
40	93,042	92,441	91,785	89,605	84,256	77,624	72,425	67,935	34.8	34.8	34.4	33.25	31.52	30.94	29.26	29.17
45	91,525	90,889	90,151	87,920	81,760	74,871	69,341	64,677	30.3	30.3	30.0	28.90	27.39	26.98	25.45	25.51
50	89,301	88,616	87,744	85,287	78,572	71,547	65,629	61,005	26.0	26.0	25.7	24.72	23.41	23.12	21.74	21.89
55	86,050	85,328	84,366	81,520	74,321	67,323	61,053	56,299	21.9	21.9	21.7	20.73	19.60	19.40	18.18	18.43
60	81,464	80,695	79,566	76,200	68,462	61,704	54,900	50,752	18.0	18.1	17.8	17.00	16.05	15.93	14.92	15.23
65	74,678	73,836	72,532	68,701	60,439	54,299	47,088	43,806	14.4	14.5	14.3	13.56	12.81	12.75	11.97	12.23
70	64,589	63,853	62,349	58,363	49,932	44,638	37,432	35,206	11.2	11.3	11.2	10.50	9.98	9.94	9.38	9.59
75	51,142	50,782	49,518	44,685	37,024	32,777	26,589	25,382	8.5	8.6	8.4	7.92	7.56	7.62	7.20	7.33
NONWHITE MALE																
0	100,000	100,000	100,000	100,000	100,000	-----	-----	-----	57.9	57.5	56.1	52.33	47.55	-----	-----	-----
1	94,550	94,490	93,670	91,696	91,268	-----	-----	-----	60.3	59.8	58.8	56.05	51.08	-----	-----	-----
5	93,529	93,309	92,480	89,920	88,412	-----	-----	-----	56.9	56.6	55.6	53.13	48.69	-----	-----	-----
10	93,089	92,796	91,961	89,211	87,311	-----	-----	-----	52.2	51.9	50.9	48.54	44.27	-----	-----	-----
15	92,550	92,174	91,357	88,417	86,152	-----	-----	-----	47.5	47.2	46.2	43.95	39.83	-----	-----	-----
20	91,336	91,040	90,040	86,770	83,621	-----	-----	-----	43.1	42.8	41.8	39.74	35.95	-----	-----	-----
25	89,418	89,137	87,870	84,055	79,516	-----	-----	-----	38.9	38.6	37.8	35.94	32.67	-----	-----	-----
30	87,165	86,766	85,374	80,865	75,083	-----	-----	-----	34.9	34.6	33.8	32.25	29.45	-----	-----	-----
35	84,638	84,042	82,369	77,185	70,049	-----	-----	-----	30.8	30.6	30.0	28.67	26.39	-----	-----	-----
40	81,032	80,184	78,242	72,850	64,710	-----	-----	-----	27.1	27.0	26.4	25.23	23.36	-----	-----	-----
45	76,421	75,719	73,501	67,514	59,432	-----	-----	-----	23.6	23.4	22.9	22.02	20.59	-----	-----	-----
50	70,162	69,343	67,092	60,766	51,748	-----	-----	-----	20.5	20.4	19.9	19.18	17.92	-----	-----	-----
55	61,913	61,369	59,175	52,867	44,436	-----	-----	-----	17.9	17.7	17.2	16.67	15.46	-----	-----	-----
60	52,844	52,691	50,630	44,370	36,390	-----	-----	-----	15.5	15.2	14.7	14.38	13.15	-----	-----	-----
65	43,528	43,802	41,856	35,912	29,314	-----	-----	-----	13.3	12.7	12.2	12.18	10.87	-----	-----	-----
70	33,282	34,166	32,175	27,688	21,741	-----	-----	-----	11.6	10.6	10.2	10.06	8.78	-----	-----	-----
75	23,763	24,958	23,253	19,765	14,419	-----	-----	-----	10.2	8.6	8.1	8.09	6.99	-----	-----	-----
NONWHITE FEMALE																
0	100,000	100,000	100,000	100,000	100,000	-----	-----	-----	61.9	61.0	59.6	55.51	49.51	-----	-----	-----
1	95,510	95,430	94,910	93,518	92,796	-----	-----	-----	63.8	62.9	61.8	58.47	52.33	-----	-----	-----
5	94,603	94,438	93,856	91,710	90,185	-----	-----	-----	60.4	59.6	58.5	55.47	49.81	-----	-----	-----
10	94,234	94,052	93,377	91,092	89,201	-----	-----	-----	55.6	54.8	53.8	50.83	45.33	-----	-----	-----
15	93,763	93,524	92,807	90,363	88,088	-----	-----	-----	50.9	50.1	49.1	46.22	40.87	-----	-----	-----
20	92,713	92,411	91,573	88,505	85,078	-----	-----	-----	46.4	45.7	44.7	42.14	37.22	-----	-----	-----
25	90,951	90,581	89,595	85,961	81,067	-----	-----	-----	42.3	41.6	40.6	38.31	33.93	-----	-----	-----
30	88,959	88,579	87,516	83,147	78,818	-----	-----	-----	38.1	37.4	36.5	34.52	30.67	-----	-----	-----
35	86,771	86,285	84,978	79,879	72,192	-----	-----	-----	34.0	33.4	32.6	30.83	27.47	-----	-----	-----
40	83,508	82,854	81,280	75,908	67,271	-----	-----	-----	30.3	29.6	28.9	27.31	24.30	-----	-----	-----
45	79,742	79,007	77,209	71,061	61,365	-----	-----	-----	26.6	26.0	25.3	24.00	21.39	-----	-----	-----
50	74,168	73,374	71,619	64,886	54,920	-----	-----	-----	23.4	22.8	22.1	21.04	18.60	-----	-----	-----
55	67,226	66,924	64,844	57,419	47,074	-----	-----	-----	20.5	19.7	19.1	18.44	16.27	-----	-----	-----
60	59,394	59,234	56,771	49,102	38,761	-----	-----	-----	17.9	16.9	16.5	16.14	14.22	-----	-----	-----
65	49,790	50,041	47,824	40,718	30,852	-----	-----	-----	15.9	14.6	14.1	13.95	12.24	-----	-----	-----
70	39,185	40,243	38,336	32,579	23,341	-----	-----	-----	14.5	12.5	12.0	11.81	10.38	-----	-----	-----
75	30,053	31,														

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 470,356 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 94,509 (column 3) who reach the twentieth birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,604,810) is the total number of years lived after attaining age 20 by the 94,509 reaching that age. This number of years divided by the number of persons (4,604,810 divided by 94,509) gives 48.7 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 practically the same for both groups.

STATISTICS ON MARRIAGES AND DIVORCES

Current vital statistics on marriages and divorces in the United States, in general, are limited to an annual collection of the numbers or estimated numbers of marriages occurring and of divorces and annulments granted, by State, obtained from as many of the State offices of vital statistics as can furnish them, with data for additional States as explained in "Source of data." Because data on divorces are not obtainable for all States, the United States total is an estimated figure. Annulments are included with divorces insofar as annulment data are available.³¹

History

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,

³¹For discussion of annulments, see "Underreporting of annulments" and table 6 in "Provisional Marriage and Divorce Statistics: United States, 1947," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 29, No. 4, p. 52, 1948.

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 Statistics 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 limited 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 1946.³²

Source of data

Table CD summarizing some of the preceding discussion on "History," shows the source of the 1867 to 1947 national marriage and divorce totals presented in table CF.

The State totals (in table CE) are obtained from as many State offices of vital statistics as can provide them. Marriage data for the other States represent numbers of marriage licenses issued, obtained by monthly inquiries to the county officials in those States from which figures are not available centrally, with estimates made for counties not reporting.³³ No divorce data are obtained for States which cannot furnish totals through their State vital statistics offices, or which cannot furnish partial figures from which estimates can be made, except in the following cases: District of Columbia figures are from the office of the clerk of the only court handling divorces in the District; Kansas estimates are based on fiscal-year totals collected by the Kansas Judicial Council and on

³²For more detailed discussion of history of earlier surveys, see "Vital Statistics of the United States, Part I, 1946," p. XLIX, Government Printing Office, Washington, D. C., 1948. 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.

³³Monthly data on marriage licenses issued (or "marriages reported," in a few cases) are presented for each State in the "Quarterly Marriage Report," and for major cities (or their counties) in the "Monthly Marriage Report," National Office of Vital Statistics.

calendar-year figures for selected counties; Missouri estimates are based on a survey by a special committee of the Missouri Bar; Nevada estimates are based on fiscal-year totals forwarded by the State vital statistics office and on calendar-year figures for selected counties; New Jersey figures are from the office of the clerk of the only court handling divorces in the State; and Texas figures are based on an annual survey by the Texas Civil Judicial Council.³⁴

The United States total of divorces and annulments is estimated from the data of those States for which they are available, making use of past experience during years when the collection program covered every State.³⁵

TABLE CD.—SOURCE OF UNITED STATES MARRIAGE AND DIVORCE TOTALS, 1867-1947

YEAR	Source of marriage totals	Source of divorce totals
1867-96	Estimates published in 1947 by National Office of Vital Statistics, from incomplete data of survey by Commissioner of Labor, published in 1889.	Figures collected (with detailed data) by Commissioner of Labor, published in 1889.
1867-1906	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 (<i>American Journal of Sociology</i> , 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.)
1941-45	Estimates published in 1946 by National Office of Vital Statistics, from records of selected States.	(Same as marriage.)
1944-47	Estimates 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.

Population bases for marriage and divorce rates

As in the case of births and deaths, discussed above, all population figures used in computing rates are estimated midyear populations provided by the Bureau of the Census.

Marriage rates for the United States for 1917 to 1919 and 1940 to 1947 are based on the population ex-

³⁴From table CE it can be seen for which States numbers or estimates are available on divorces granted and/or marriages occurring or marriage licenses issued.

³⁵For further explanation of source of data and methods of estimating State and national figures, see "Marriage and Divorce Statistics: United States, 1946," and "Provisional Marriage and Divorce Statistics: United States, 1947," National Office of Vital Statistics, *Vital Statistics—Special Reports*, vol. 27, No. 10, and vol. 29, No. 4, 1947 and 1948, respectively.

cluding the armed forces overseas, so that the population base is related to the marriage frequencies, which are occurrences within the continental United States (no figures are available on marriages contracted by members of the armed forces overseas). Marriage rates for States and geographic divisions are based on the population present in the area (which includes the armed forces stationed in the area), since military personnel undoubtedly contribute to the total number of marriages in the State where they are stationed.

Divorce rates, like birth rates, are computed according to special rules during the war and immediate postwar years. For the United States, divorce rates for 1917 to 1919 and 1940 to 1946 are based on the total population including the armed forces overseas, since it is likely that divorces involving members of the armed forces overseas were for the most part granted in this country. For the individual States, however, divorce rates for 1940 to 1946 are based on the civilian population in the area. Armed forces overseas were excluded because data were not available to allocate them to the populations of their respective States. Armed forces stationed within the States were excluded also, because the use of the population present in the area (used for marriage rates) was not considered satisfactory for State divorce rates. It appeared likely that military personnel, owing to State residence requirements for divorces, etc., contributed few divorces to the totals in most of the States where stationed. The use of the civilian population as the base for State divorce rates, while not completely satisfactory, produced rates which have greater comparability from State to State.

Starting with 1947, with demobilization largely completed, the divorce rates for the United States and the individual States are based on the population present in the area. This has the advantage of placing all vital statistics rates (births, deaths, marriages, and divorces) on the same base, although it follows that the 1946 and 1947 rates are not strictly comparable.³⁶

Limitations of crude rates

The crude marriage and divorce rates indicate the number of occurrences per 1,000 population. They are related to the total population, not to those segments actually exposed to the occurrences. Their usefulness for analysis and interpretation is limited, because they do not take into account such factors as changing age composition, sex distribution, and marital status, of the population. Since no national vital statistics are available on detailed marriage and divorce data, such useful rates as age-specific, age-

³⁶The differences in the bases, like those for births, are slight. For further comments on population base, see discussion on populations used for birth and death rates, pp. X and XI. For further explanation of population bases for wartime 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. 162-170, 1946 and 1947, respectively.

race-specific, etc., cannot be presented. The available crude rates serve mainly as a rough indication of broad trends.

Marriages in 1947

Table CE gives the number of marriages and crude

marriage rates in the United States in 1947, by State and geographic division, on a place-of-occurrence basis, with comparable data for 1946. A total of 1,991,878 marriages was recorded in the United States in 1947. This was a decrease of 13.1 percent from the all-time high of 2,291,045 in 1946, but was still the sec-

TABLE CE.—MARRIAGES AND DIVORCES, AND CRUDE RATES: UNITED STATES, EACH DIVISION AND STATE, 1946 AND 1947

(By place of occurrence. Rates per 1,000 estimated midyear population)

AREA	MARRIAGES				DIVORCES ¹			
	Number		Rate ²		Number		Rate	
	1947	1946	1947	1946	1947	1946	1947 ³	1946 ³
UNITED STATES.....	1,991,878	2,291,045	15.9	16.4	474,000	610,000	3.3	4.3
GEOGRAPHIC DIVISIONS:								
New England.....	108,194	122,191	11.8	13.8	20,010	22,726	2.2	2.6
Middle Atlantic.....	329,851	366,395	11.2	12.8	.....	.....	.....	.....
East North Central.....	387,653	412,329	12.6	14.6	.....	.....	.....	.....
West North Central.....	175,643	214,684	12.8	15.9	41,929	61,044	3.1	4.5
South Atlantic.....	310,202	368,015	16.1	19.4	.....	.....	.....	.....
East South Central.....	188,804	224,682	17.5	21.2	.....	.....	.....	.....
West South Central.....	221,542	258,479	16.0	19.0	.....	.....	.....	.....
Mountain.....	143,290	154,867	32.6	36.1	.....	.....	.....	.....
Pacific.....	146,999	169,405	10.7	12.8	.....	76,141	.....	5.9
NEW ENGLAND:								
Maine.....	11,152	15,519	12.6	15.7	2,929	3,981	3.3	4.6
New Hampshire.....	9,268	10,288	17.4	20.5	1,437	2,063	2.7	4.1
Vermont.....	4,340	4,939	11.9	14.1	749	1,034	2.0	2.9
Massachusetts.....	45,803	56,498	10.7	12.5	10,084	10,347	2.2	2.3
Rhode Island.....	9,337	10,628	12.5	14.3	1,540	1,531	2.1	2.1
Connecticut.....	24,294	26,319	12.3	13.8	3,271	3,770	1.7	2.0
MIDDLE ATLANTIC:								
New York.....	165,431	182,981	11.7	13.2	.....	.....	.....	.....
New Jersey.....	55,802	61,020	12.1	13.5	9,074	7,762	2.0	1.8
Pennsylvania.....	109,518	122,394	10.3	12.0	16,285	20,836	1.5	2.0
EAST NORTH CENTRAL:								
Ohio.....	93,779	106,092	12.2	14.2	29,263	35,267	3.8	4.7
Indiana.....	58,537	66,750	15.3	17.8	.....	.....	.....	.....
Illinois.....	109,461	121,715	12.9	15.2	.....	.....	.....	.....
Michigan.....	71,319	79,808	11.8	13.4	21,386	29,188	3.5	5.0
Wisconsin.....	35,557	38,964	11.0	12.4	6,075	8,159	1.9	2.6
WEST NORTH CENTRAL:								
Minnesota.....	53,991	58,239	12.5	13.5	5,705	7,808	2.0	2.8
Iowa.....	30,002	32,434	11.6	12.7	6,743	9,686	2.6	3.9
Missouri.....	43,615	46,437	11.2	12.1	17,300	18,900	4.4	4.9
North Dakota.....	5,359	5,531	10.3	10.3	1,635	1,047	1.5	2.0
South Dakota.....	7,905	8,393	13.7	15.2	1,240	1,547	2.1	2.8
Nebraska.....	14,726	14,130	11.5	11.0	3,306	4,656	2.6	3.6
Kansas.....	37,947	69,460	19.7	37.0	6,600	9,200	3.5	5.0
SOUTH ATLANTIC:								
Delaware.....	5,151	8,271	17.7	29.4	830	346	2.9	1.2
Maryland.....	60,181	69,472	20.1	23.7	6,658	8,408	3.1	4.1
District of Columbia.....	12,775	15,059	14.9	17.9	2,080	2,351	2.4	2.9
Virginia.....	40,350	46,475	13.5	15.6	7,018	9,248	2.3	3.2
West Virginia.....	18,655	22,242	12.9	15.7	.....	.....	.....	.....
North Carolina.....	32,049	38,800	18.7	22.8	7,000	9,600	4.1	5.7
South Carolina.....	46,357	59,519	24.8	30.8	(⁴)	(⁴)	(⁴)	(⁴)
Georgia.....	56,715	78,219	21.9	25.0	.....	.....	.....	.....
Florida.....	28,959	29,856	10.3	10.4	20,919	26,352	9.0	12.1
EAST SOUTH CENTRAL:								
Kentucky.....	71,563	82,569	25.7	30.1	.....	.....	.....	.....
Tennessee.....	17,232	21,574	8.6	7.2	9,487	14,186	3.1	4.7
Alabama.....	46,425	56,335	16.4	20.1	10,753	14,406	3.8	5.2
Mississippi.....	53,584	64,204	25.6	31.2	7,004	9,495	3.3	4.7
WEST SOUTH CENTRAL:								
Arkansas.....	43,652	51,514	22.8	27.4	9,578	13,695	5.0	7.3
Louisiana.....	32,909	41,081	12.9	16.3	.....	.....	.....	.....
Oklahoma.....	21,183	23,792	9.3	10.4	.....	.....	.....	.....
Texas.....	123,796	143,092	17.4	20.5	43,584	57,112	6.1	8.4
MOUNTAIN:								
Montana.....	9,769	12,974	20.0	27.1	2,439	3,212	5.0	6.7
Idaho.....	8,029	7,394	15.3	14.1	3,400	.....	6.5	.....
Wyoming.....	3,696	3,858	13.9	14.7	1,468	1,654	5.5	6.4
Colorado.....	15,188	16,230	13.3	14.3	.....	.....	.....	.....
New Mexico.....	15,986	18,144	29.2	34.6	3,160	3,898	5.8	7.6
Arizona.....	25,101	27,300	39.0	45.8	2,400	2,900	3.7	4.9
Utah.....	7,985	9,781	12.4	15.4	2,927	3,434	4.6	5.5
Nevada.....	57,556	59,188	41.1	44.0	13,800	19,500	99.3	148.9
PACIFIC:								
Washington.....	39,659	45,736	16.8	19.9	11,000	13,600	4.7	6.2
Oregon.....	12,881	14,674	8.3	10.2	6,707	10,241	4.3	7.2
California.....	94,459	107,995	9.6	11.4	.....	52,300	.....	6.6

¹Includes reported annulments.

²Based on total population present in area.

³For the United States, rate based on population including armed forces overseas; for States, rate based on civilian population in area.

⁴Estimated.

⁵Marriage licenses issued.

⁶Divorces not permitted by State law. Data on annulments not available.

ond highest total for any year. The crude rate of 13.9 marriages per 1,000 estimated population in 1947 was a decrease of 15.2 percent from the 1946 rate of 16.4 per 1,000 population.

Differences among State marriage rates should be used with caution. Crude marriage rates by State in 1947 varied sharply, ranging from 414.1 marriages per 1,000 estimated population in Nevada to 5.6 per 1,000 in Tennessee. The extreme variation may be explained by the fact that these data are by place of occurrence. It is probable that substantial differences in some State rates would result from allocating marriages to place of residence. Unfortunately, detailed statistics which would permit allocation to State of residence are not available.

By geographic division, variations in marriage rates were much less marked. The highest divisional rate (32.6) in 1947 was in the Mountain Division; and the lowest (10.7) in the Pacific Division.

Only 3 States recorded a larger number of marriages in 1947 than in 1946—Idaho, Nebraska, and North Dakota. New York reported the largest number of marriages in either year; and Wyoming, the smallest number.

Divorces in 1947

Table CE gives the estimated number of divorces and crude divorce rates in the United States in 1947, and data by State and geographic division where available, on a place-of-occurrence basis, together with figures for 1946.³⁷ The number of divorces granted in the United States in 1947 is estimated to have been 474,000. This was a decrease of 22.3 percent from the all-time record high estimated total of 610,000 in 1946. The estimated 1947 crude rate was 3.3 divorces per 1,000 population excluding the armed forces overseas, and the estimated 1946 rate was 4.3 per 1,000 population including the armed forces overseas.³⁷

As with marriages, differences among State divorce rates based on place-of-occurrence data should be used with caution. Legal residence of one and sometimes of both of the parties is required by all States before a divorce is granted; therefore, there are no nonresident divorces in the strictly legal sense. Nevertheless, since residence requirements vary widely among the States, it is undoubtedly true that many divorces are granted to "short-time" residents of some States who are not counted in the State populations on which State rates are based.

Caution should be used also in ranking the States in terms of most or of fewest divorces, since no data are available for some States.

³⁷ See "Population bases for marriage and divorce rates," for explanation of change in population, base used for 1946 and 1947 divorce rates.

Marriage and divorce trends, 1867 to 1947

Table CF shows the numbers of marriages and divorces in the United States and rates per 1,000 estimated midyear population by single year from 1867 to 1947.

An examination of the data reveals a fairly definite upward trend in numbers and rates of both marriages and divorces during the 81 years covered. The annual number of marriages and divorces more than kept pace with the growth of the population. The population increased about fourfold during the 81 years, while annual marriage totals were almost 6 times as large and annual divorce totals were about 50 times as large at the end of the period as at the beginning.

The number of divorces rose, in general, more steadily and more rapidly than the number of marriages. The number of divorces each year exceeded the figure for the previous year with the exception of 10 years, 8 of them within the last 30 years. The trend in marriages, on the other hand, fluctuated more significantly and more frequently, with the total falling below that of the previous year in 22 scattered years during the 81-year period.

The crude divorce rate rose gradually and rather steadily from 1867 until the 1940's with an upswing after the First World War and a drop early in the depression of the 1930's. An acceleration occurred in the 1940's, reaching a peak in 1946 from which the 1947 rate represented a decline of almost one-fourth.

The crude marriage rate rose less regularly during the period, with rates falling below the 1867 level several times, the latest having occurred in 1933. Like the divorce rate, the marriage rate reached an all-time high in 1946, but declined only about one-seventh in 1947—less sharply than the divorce rate.

The divorce-marriage ratio

The ratio of divorces occurring in a single year to marriages occurring in the same year is subject to misinterpretation. From table CF it may be computed that in 1867 there was 1 divorce granted for approximately every 36 marriages performed; in 1900, the ratio was approximately 1 to 13; in 1945, it was approximately 1 to 3; and in 1946 and 1947, it changed to approximately 1 to 4. This may be useful as a rough indication that annual divorce totals increased more sharply than annual marriage totals during the years; and that 1946 and 1947 figures showed a deviation from this trend. But it reveals neither the proportion of marriages which do or do not end in divorce, nor the likelihood of divorce occurring in a single year or in future years to the married population. It does not mean that 1 out of every 3 marriages was ending in divorce in 1945, or 1 out of 4 in 1946 or 1947. Only if the ratio remained constant for years would such generalizations be applicable.

VITAL STATISTICS OF THE UNITED STATES

TABLE CF.—ESTIMATED MARRIAGES AND DIVORCES, AND CRUDE RATES: UNITED STATES, 1867-1947

(Rates per 1,000 estimated midyear population)

YEAR	Population ¹	Marriages ²	Marriage rate	Population ³	Divorces ⁴	Divorce rate	YEAR	Population ¹	Marriages ²	Marriage rate	Population ³	Divorces ⁴	Divorce rate
1947-----	143,414,000	1,991,878	13.9	143,414,000	474,000	3.3	1906-----	85,438,556	895,000	10.5	85,438,556	72,062	0.8
1946-----	139,889,000	2,291,045	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	139,535,518	485,000	3.5	1904-----	82,164,974	815,000	9.9	82,164,974	66,199	0.8
1944-----	132,532,005	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	359,000	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	1,695,999	12.7	133,202,873	293,000	2.2	1900-----	76,094,134	709,000	9.3	76,094,134	55,751	0.7
1940-----	131,956,144	1,595,879	12.1	131,970,224	264,000	2.0	1899-----	74,798,612	673,000	9.0	74,798,612	51,437	0.7
1939-----	130,879,718	1,403,635	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	1,330,760	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-----	128,824,829	1,451,296	11.3	128,824,829	249,000	1.9	1896-----	70,884,554	635,000	9.0	70,884,554	42,937	0.6
1936-----	126,053,180	1,369,000	10.7	128,053,180	238,000	1.8	1895-----	69,579,868	620,000	8.9	69,579,868	40,387	0.6
1935-----	127,256,232	1,327,000	10.4	127,256,232	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-----	125,578,615	1,098,000	8.7	125,578,615	185,000	1.3	1892-----	65,665,810	601,000	9.2	65,665,810	36,579	0.6
1932-----	124,840,471	981,903	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	1,060,914	8.6	124,039,648	186,003	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	1,232,559	10.1	121,769,939	205,876	1.7	1888-----	60,495,927	535,000	8.8	60,495,927	28,669	0.5
1928-----	120,501,118	1,182,497	9.8	120,501,118	200,176	1.7	1887-----	59,216,733	513,000	8.7	59,216,733	27,919	0.5
1927-----	119,038,062	1,201,053	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	184,678	1.6	1885-----	56,658,347	507,000	8.9	56,658,347	23,472	0.4
1925-----	115,831,963	1,189,534	10.3	115,831,963	175,449	1.5	1884-----	55,379,154	485,000	8.8	55,379,154	22,994	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	1,165,863	10.7	108,541,489	159,580	1.5	1880-----	50,262,382	455,000	9.0	50,262,382	19,663	0.4
1920-----	106,466,420	1,274,476	12.0	106,466,420	170,505	1.6	1879-----	49,208,194	438,000	8.9	49,208,194	17,083	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-----	103,202,801	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-----	103,265,913	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	1,007,595	10.0	100,549,013	104,298	1.0	1874-----	44,039,527	385,000	8.7	44,039,527	13,989	0.3
1914-----	99,117,567	1,025,092	10.3	99,117,567	100,564	1.0	1873-----	43,005,794	386,000	9.0	43,005,794	13,156	0.3
1913-----	97,226,814	1,022,398	10.5	97,226,814	91,307	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	92,408,536	83,045	0.9	1869-----	39,050,729	348,000	8.9	39,050,729	10,939	0.3
1909-----	90,491,525	897,354	9.9	90,491,525	79,671	0.9	1868-----	38,213,216	345,000	9.0	38,213,216	10,150	0.3
1908-----	88,708,976	857,461	9.7	88,708,976	76,852	0.9	1867-----	37,375,703	357,000	9.6	37,375,703	9,937	0.3
1907-----	87,000,271	936,936	10.8	87,000,271	78,571	0.9							

¹For 1917-19 and 1940-47, excludes armed forces overseas.²For source of data, see table CD.³For 1917-19 and 1940-46, includes armed forces overseas; for 1947, excludes armed forces overseas.⁴Includes reported annulments. For source of data, see table CD.

. STANDARD CERTIFICATES OF LIVE BIRTH, DEATH, AND STILLBIRTH

The standard certificates of live birth, death, and stillbirth in effect in 1947 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 PUBLIC HEALTH SERVICE		STANDARD CERTIFICATE OF LIVE BIRTH		State File No. _____ Registrar's No. _____
State of _____				
1. PLACE OF BIRTH: (a) County _____ (b) City or town _____ <small>(If outside city or town limits, write RURAL)</small> (c) Name of hospital or institution: _____ <small>(If not in hospital or institution, give street number or location)</small> (d) Mother's stay before delivery: _____ In hospital or institution _____ In this community _____ <small>(Specify whether years, months, or days)</small>		2. USUAL RESIDENCE OF MOTHER: (a) State _____ (b) County _____ (c) City or town _____ <small>(If outside city or town limits, write RURAL)</small> (d) Street No. _____ <small>(If rural, give location)</small>		
3. Full name of child _____			4. Date of birth _____ <small>(Month) (Day) (Year)</small>	
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		MOTHER OF CHILD		
9. Full name _____ 10. Color or race _____ 11. Age at time of this birth _____ yrs. 12. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 13. Usual occupation _____ 14. Industry or business _____		15. Full maiden name _____ 16. Color or race _____ 17. Age at time of this birth _____ yrs. 18. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 19. Usual occupation _____ 20. Industry or business _____		
21. Children born to this mother: (a) How many other children of this mother are now living? _____ (b) How many other children were born alive but are now dead? _____ (c) How many children were born dead? _____		22. Mother's mailing address for registration notice: _____ _____ _____		
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 _____				
24. Date received by local registrar _____		Attendant's own signature _____		
25. Registrar's own signature _____		M. D., midwife, or other _____ Date signed _____		
26. Date on which given name added _____ by _____ <small>(Registrar)</small>		Address _____		

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 _____
(Social, religious, 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? _____ (Specify type of place)

(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 _____
(c) Name of hospital or institution: _____
(If outside city or town limits, write RURAL)

(d) Mother's stay before delivery in hospital or institution _____
(If not in hospital or institution give street number or location)
(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 _____

5. Sex: _____

6. Twin or triplet _____

If so—born 1st, 2d, or 3d _____

7. Number months of pregnancy _____

4. Date of birth _____
(Month) (Day) (Year)

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? _____
(b) State all operations, if any _____
(Yes or no)

(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 of urban places under 10,000 and rural areas		Population groups Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural		Resident status	Detailed International List with letter sub-division	Selected List (abridged)	Selected List (unabridged)	Infant List
		Occurrence	Residence	Occurrence	Residence	Occurrence	Residence					
*1a	Each State	X		X		X		X ²		a		
*1b	Each State (nonresidents only)		X		X			X ²		a		
*2	Each State	X	X					X ³	X			
*3	Each State (infants)		X					a				X
4	Each urban place of 100,000+		X								X	

*Data available in summary punched cards.

²Residents, nonresidents (intrastate and interstate).

³Intrastate and interstate nonresidents.

NATALITY

Tabulation number	AREA	GEOGRAPHIC LOCATION						AGE				RACE				
		State		Each urban place of 10,000+. Totals by county of urban places under 10,000 and rural areas		Population groups Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural		Resident status	Mother		Father	White, non-white	White, Negro, other	White, Negro, Indian, Chinese, Japanese, other	Indian, Chinese, Japanese, other	Negro, other non-white
		Occurrence	Residence	Occurrence	Residence	Occurrence	Residence		Under 15, single units of age, not stated	Under 15, single units of age to 44, 45+, and not stated	10-49 by 5-year age groups, 50+, and not stated						10-54 by 5-year age groups, 55+, and not stated
*1a	Each State	X		X		X		X ¹				b,c,d				
*1b	Each State (nonresidents only)		X		X			X ³				b,c,d				
*2a	Each State	X				a		X ⁴	X		b		X		c	
*2b	Each State (interstate nonresidents only)		X			a			X		b		X		c	
3	Each State (interstate nonresidents only)	X	X													
4	Each State		X			a				b		X				c
5	Each State (plural births)		X									a				
6	United States (plural births)										a					

*Data available in summary punched cards.

¹Residents, nonresidents (intrastate and interstate).

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

³Resi-

STILLBIRTH

1	Each State and New York City ¹	X				a											b	
*2	Each State		X		X		X	X ³										b
3	Each State (nonresidents only)	X	X															
4	United States										a							
*5	United States						X				X						X	
6	Each urban place of 100,000+	X										a						
7	Each State		X			a				X	b		X					c
8	Each State		X							X		X						
9	Each State ⁴	X				a		b ⁵		c		X						
10	United States								X			X						

*Data available in summary punched cards.

¹Tabulation 1 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.

²Period of gestation not reported for Massachusetts.

³Residents, nonresidents (intrastate and interstate).

⁴Tabulation made for all States except the following which did not report legitimacy: Arkansas, Arizona, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, Nevada, New Hampshire, New Mexico, New York, South Carolina, and Wyoming.

⁵Number 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 natality and mortality tabulations made by the National Office of Vital Statistics for 1947.

In the tabular outline of mortality statistics for 1947 (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 99, 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, 21-29 days; 1 mo., 2 mos.,... 11 mos.	White, non-white	White, Negro, other			White, Indian, Chinese, Japanese, other	Not in institution, resident and nonresident institution	Type of service		Type of control
	b	c		b,d,e			d		e	f	g	*1a
	b	c		b,d,e			d		e	f	g	*1b
a						X	X	b		c	d	*2
			X		X		b	c		d		*3
a				X			X	b		c	d	4

²Residents (including intrastate nonresidents); interstate nonresidents.

TABULATIONS

PARENTS			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	Sex of mates	
								1, 2, 3, ... 20+, not stated	1, 2, 3, ... 15+, not stated	1, 2, 3, ... 11+, not stated	1, 2, 3, ... 20+, not stated	1, 2, 3, ... 15+, not stated	1, 2, 3, ... 11+, not stated				
	a		b		c		d ²										*1a
	a		b		c		d ²										*1b
X		d	X	e			f ⁵										*2a
X		d	X	e			f ⁵										*2b
			X		a		X ²		a ⁵		X ⁵						3
													X	X			4
													X	X			5
																	6

dents (including intrastate nonresidents); interstate nonresidents.

⁴Intrastate and interstate nonresidents.

⁵Number of children not reported for Massachusetts.

TABULATIONS

				a	b												1
																	*2
																	3
									X ⁵					X			4
	X		X						a ⁵								*5
																	6
	X		d	X	e				f ⁵								7
			X		a	X ²			b ⁵				c ⁵				8
	a		e		f		X										9
								a ⁵									10

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 punched 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 symbol 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 sex, attendant, and legitimacy. However, sex, 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.

SUMMARY AND RATE TABLES

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):															
2	Based on total population-----	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
	Based on civilian population-----															
	GEOGRAPHIC DIVISIONS															
3	New England-----	24.3	24.1	25.1	25.4			23.3	21.9	21.7	22.2	20.7	19.8	19.4	18.8	17.8
4	Middle Atlantic-----							24.2	22.7	22.3	22.3	21.3	20.4	20.6	19.5	18.4
5	East North Central-----								20.7	20.8	20.9	20.1	19.5	19.3	18.6	18.2
6	West North Central-----														22.9	21.6
7	South Atlantic-----													24.0	22.6	21.9
8	East South Central-----															
9	West South Central-----															20.8
10	Mountain-----															
11	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															
12	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	18.7	19.9
13	New Hampshire-----	22.6	21.7	21.4	21.9	19.8	22.4	22.6	21.7	20.5	22.1	20.5	16.9	18.9	20.5	17.5
14	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
15	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
16	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
17	Connecticut-----	25.9	27.3	28.2	27.6	24.9	24.5	24.1	21.8	21.1	21.4	19.7	19.1	18.6	17.9	17.1
	MIDDLE ATLANTIC															
18	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
19	New Jersey-----							23.7	22.1	21.5	21.5	20.2	19.3	18.7	17.7	17.1
20	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															
21	Ohio-----			22.0	22.5	19.9	21.3	21.8	20.3	20.8	20.9	19.7	19.0	18.8	18.2	17.6
22	Indiana-----			21.7	22.4	20.4	22.0	22.9	21.6	21.5	22.0	20.6	19.9	19.5	18.8	18.2
23	Illinois-----								19.3	18.7	19.0	18.5	18.1	17.8	17.1	16.9
24	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
25	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															
26	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
27	Iowa-----										20.3	19.7	18.8	18.3	17.7	17.1
28	Missouri-----													16.6	17.6	16.9
29	North Dakota-----										22.2	22.5	22.9	22.4	22.5	21.7
30	South Dakota-----															21.7
31	Nebraska-----															21.7
32	Kansas-----			22.1	22.6	20.7	22.4	23.4	21.5	21.7	21.0	20.1	19.1	18.9	18.3	17.5
	SOUTH ATLANTIC															
33	Delaware-----							23.4	22.0	21.2	20.2	21.1	18.7	18.6	18.5	18.1
34	Maryland-----		25.8	23.8	23.2	23.5	24.7	24.8	22.9	22.8	22.5	21.8	20.9	20.3	19.8	18.5
35	District of Columbia-----	19.4	20.0	19.4	19.3	19.4	20.0	20.1	20.2	19.9	20.3	19.7	19.0	18.0	18.7	18.4
36	Virginia-----			26.3	26.7	26.2	26.0	29.3	28.9	26.5	26.5	25.3	23.9	23.9	23.2	22.3
37	West Virginia-----												28.4	27.1	26.8	25.6
38	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
39	South Carolina-----					26.4	26.3	29.8	27.5	26.1	27.7				24.9	22.7
40	Georgia-----														20.4	20.2
41	Florida-----										23.1	23.3	25.4	24.1	20.8	18.6
	EAST SOUTH CENTRAL															
42	Kentucky-----			25.5	25.7	23.9	26.0	27.6	25.4	26.1	26.3	25.2	23.8	24.4	25.2	21.7
43	Tennessee-----													21.0	19.2	18.4
44	Alabama-----													25.9	24.1	23.8
45	Mississippi-----							25.3	23.7	23.1	23.1	23.6	26.3	25.1	24.3	22.8
	WEST SOUTH CENTRAL															
46	Arkansas-----													21.9	20.7	20.2
47	Louisiana-----													22.7	20.3	20.2
48	Oklahoma-----														16.3	18.8
49	Texas-----															
	MOUNTAIN															
50	Montana-----								20.0	19.5	19.0	19.1	18.5	18.6	18.4	19.2
51	Idaho-----												21.1	20.5	20.2	19.7
52	Wyoming-----								25.0	23.4	24.3	22.4	20.2	20.4	20.4	19.8
53	Colorado-----														18.9	17.8
54	New Mexico-----															27.0
55	Arizona-----												20.8	20.6	21.2	22.3
56	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
57	Nevada-----															14.2
	PACIFIC															
58	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
59	Oregon-----					17.5	19.0	18.4	18.4	18.0	18.3	17.5	16.3	15.9	15.0	14.0
60	California-----					16.9	18.9	18.1	18.4	18.8	19.2	18.0	16.8	16.4	15.6	14.7

¹Rate for the United States based on population including armed forces overseas, and on civilian population in area for comparison with those for States; rates for States and geographic divisions based on civilian population in area.

²Rates 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, 1915-47

birth-registration areas; 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 ¹	1941 ²	1942 ²	1943 ²	1944 ²	1945 ²	1946 ²	1947 ²	
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	1
										17.9	19.1	21.5	23.0	22.1	21.5	23.8		2
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	3
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	18.8	21.1	23.1	4
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	22.6	25.0	5
		17.2	16.5	17.3	16.7	16.8	16.6	17.1	17.0	17.5	18.3	19.9	21.1	20.8	20.1	22.6	24.9	6
21.8	21.0	21.3	20.1	21.0	20.5	19.8	20.5	20.6	20.4	20.8	22.0	23.8	26.4	26.0	25.3	26.8	29.0	7
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	8
			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	9
21.3	20.4	19.6	19.1	20.1	20.5	20.4	21.0	21.8	21.4	21.9	21.8	23.5	26.4	27.0	26.3	28.2	31.2	10
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	11
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	23.3	26.6	12
17.9	16.6	16.6	15.6	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	13
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	14
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	15
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	16
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	17
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	22.9	18
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
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	20
17.7	18.1	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	21
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	22
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	23
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
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	25
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	26
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	19.1	19.1	22.4	25.1	27
17.1	16.5	16.2	15.4	15.9	15.4	16.0	15.2	15.7	15.6	16.4	17.4	18.9	20.4	19.7	19.1	21.7	23.7	28
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	29
		19.1	18.6	19.3	19.1	19.3	18.1	18.2	18.0	18.2	19.2	21.0	23.4	24.3	23.7	25.8	28.2	30
19.6	19.3	19.3	17.6	18.3	17.1	17.7	16.8	17.0	17.0	16.9	17.4	19.2	20.5	20.9	20.5	21.9	24.9	31
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	20.2	19.3	20.9	22.4	32
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	33
19.5	17.4	17.2	16.2	16.0	15.8	15.3	15.8	16.4	16.6	16.6	18.5	21.5	23.3	22.1	21.7	23.5	25.7	34
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	35
22.5	21.3	21.8	20.3	20.5	19.9	19.5	19.6	19.8	19.6	20.6	21.7	23.4	25.8	25.0	24.0	25.0	27.4	36
24.0	22.3	21.7	20.1	22.7	22.5	21.9	22.7	22.0	22.0	22.9	23.4	24.3	24.3	24.1	23.0	26.8	29.5	37
24.2	23.5	23.9	22.7	23.7	23.3	22.4	23.0	23.0	22.4	22.5	23.5	25.2	27.7	27.1	26.5	28.1	30.7	38
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	28.7	28.4	27.3	28.6	30.3	39
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	40
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	28.4	41
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	42
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	25.8	25.3	24.1	26.6	28.8	43
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	28.4	30.7	44
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	31.8	45
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	46
20.4	20.3	19.9	18.0	19.2	18.7	19.2	20.1	21.3	20.8	21.6	22.8	24.6	26.8	26.8	25.2	27.7	29.3	47
17.7	18.0	17.1	18.2	19.6	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	48
			18.0	19.4	18.9	18.1	18.7	19.3	19.1	19.8	21.2	22.4	26.2	26.4	25.0	26.4	27.8	49
18.5	18.0	17.0	16.8	18.6	18.6	19.1	18.8	19.6	19.7	20.5	20.6	22.0	23.8	23.9	23.6	26.5	30.3	50
20.6	20.2	19.4	18.9	20.4	20.2	21.2	21.0	22.4	21.5	22.1	22.5	24.4	24.7	25.2	24.0	26.0	30.2	51
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	52
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	53
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	54
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	55
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	56
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	57
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	58
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	59
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	60

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

AREA	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920
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
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
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
4 East North Central-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.7	12.3	12.7
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
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
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 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	14.8	19.5	14.5	15.7
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
15 Rhode Island-----	20.4	18.0	17.7	18.8	17.2	17.1	17.4	17.8	15.9	15.6	17.1	15.6	15.3	15.1	14.8	15.0	15.9	15.8	20.6	14.1	14.2
16 Connecticut-----	18.0	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
MIDDLE ATLANTIC																					
17 New York-----	18.2	17.6	16.4	16.4	17.9	17.0	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
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
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
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
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
22 Illinois-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	16.4	12.1	12.4
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
24 Wisconsin-----	-----	-----	-----	-----	-----	-----	-----	-----	11.8	11.8	12.0	11.4	11.2	11.4	10.9	10.5	11.6	11.3	13.5	10.8	11.1
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
26 Iowa-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
27 Missouri-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.1	12.6	12.2	11.9	11.7	12.5	13.2	16.1	11.9	12.5
28 North Dakota-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
29 South Dakota-----	-----	-----	-----	-----	-----	-----	8.6	9.3	9.4	8.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30 Nebraska-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.0
31 Kansas-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.5	10.8	11.6	11.9	15.4	10.9
SOUTH ATLANTIC																					
32 Delaware-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15.6	14.9
33 Maryland-----	-----	-----	-----	-----	-----	-----	16.0	16.5	15.9	15.5	16.0	15.6	15.2	15.7	15.3	15.2	15.9	18.5	22.9	15.2	14.6
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	18.0	18.1	17.4	22.9	14.3	14.4
35 Virginia-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.6	13.4	13.4	13.9	15.7	18.6	13.5	13.0
36 West Virginia-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
37 North Carolina-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.5	13.4	17.0	12.2	12.6	-----
38 South Carolina-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.6	14.2	18.5	15.7	14.1	-----
39 Georgia-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
40 Florida-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.2	13.2
EAST SOUTH CENTRAL																					
41 Kentucky-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.1	12.7	12.9	12.7	12.1	12.5	15.6	16.8	12.7	11.8
42 Tennessee-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	13.2	16.3	12.4	12.2
43 Alabama-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
44 Mississippi-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.7	12.2
WEST SOUTH CENTRAL																					
45 Arkansas-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
46 Louisiana-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	18.5	13.1	11.9
47 Oklahoma-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
48 Texas-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MOUNTAIN																					
49 Montana-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.5	10.1	9.9	11.6	10.7	10.8	11.9	13.1	18.0	10.8	9.7
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	11.8	19.5	12.8	14.6
53 New Mexico-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
54 Arizona-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
55 Utah-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	10.8	10.2	9.8	10.8	9.9	9.7	10.3	10.4	14.2	11.0	11.5
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
58 Oregon-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	12.8	11.5	11.7
59 California-----	-----	-----	-----	-----	-----	-----	14.5	15.1	14.5	13.6	13.5	13.4	13.8	13.7	12.8	13.0	13.3	13.3	17.7	13.8	13.3

¹Exclusive of deaths among armed forces overseas. Rates for all areas based on total population present in area.

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

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)-----	99.9	101.0	95.8	100.9	86.6	85.8	75.8	76.2	77.1	70.8	71.7	73.3	64.6	68.7	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	55.4
3 Middle Atlantic-----	-----	-----	-----	-----	-----	-----	80.4	81.8	79.6	73.2	73.8	75.4	63.6	67.8	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
6 South Atlantic-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	78.6
7 East South Central-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	65.6	74.6	73.4
8 West South Central-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9 Mountain-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	80.1
10 Pacific-----	-----	-----	-----	-----	67.4	70.7	61.9	67.3	67.6	63.3	64.1	60.2	58.2	57.7	58.7
NEW ENGLAND															
11 Maine-----	105.4	109.2	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	68.2
13 Vermont-----	85.6	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	86.8	91.9	73.1	77.3	76.5	68.7	73.3	72.1	59.8	59.6	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	68.2	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	138.5	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	69.6	82.9	75.1	71.7	74.7	66.8	69.8	75.9	61.8	66.1	68.8
21 Indiana-----	-----	-----	65.8	87.0	79.0	81.8	71.2	67.4	71.0	65.2	67.9	72.4	58.8	62.5	65.6
22 Illinois-----	-----	-----	-----	-----	-----	-----	-----	76.1	81.8	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	68.7	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	56.5	53.0	52.6
27 Missouri-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	59.7	66.6	62.1
28 North Dakota-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	66.7	71.6	69.2	63.4	59.5	67.2
29 South Dakota-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
30 Nebraska-----	-----	-----	-----	-----	-----	84.2	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	82.5	64.8	62.9	59.0	61.7	65.3	55.3	59.0	57.6
SOUTH ATLANTIC															
32 Delaware-----	-----	-----	-----	-----	-----	-----	87.6	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	95.6	94.1	94.6	86.2	90.0	87.1	81.5	79.8	78.9
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	96.0	67.6	65.1	70.7
35 Virginia-----	-----	-----	97.8	102.9	91.0	83.6	78.7	76.8	84.0	77.6	90.8	85.7	75.5	78.9	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	86.1	92.9	96.3	101.6	-----	-----	-----	96.5	91.0
39 Georgia-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	81.6	76.3
40 Florida-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	81.8	74.2	74.8	67.4	67.1	65.5
EAST SOUTH CENTRAL															
41 Kentucky-----	-----	-----	87.1	93.3	81.6	75.1	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-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	84.4	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-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	99.4	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	74.9	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	55.6	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

^aBy place of residence.

SUMMARY AND RATE TABLES

UNITED STATES, EACH DIVISION AND STATE, 1915-47

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 ¹	1943	1944	1945	1946	1947	
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	39.8	38.3	35.8	32.2	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	36.8	35.1	33.1	31.8	28.7	2
62.1	61.0	55.2	52.5	52.8	48.9	48.3	46.4	42.6	41.7	39.9	36.5	34.1	34.8	33.7	32.4	30.5	29.3	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	33.6	34.5	31.2	29.9	4
		50.3	31.9	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	5
78.0	73.9	68.4	68.0	74.8	67.7	70.8	51.7	65.8	58.0	57.1	60.6	50.4	47.8	48.6	44.5	37.8	35.5	6
70.2	62.7	61.6	63.9	67.8	60.1	65.2	60.4	60.6	55.7	55.9	57.2	48.1	46.5	45.5	44.9	38.5	36.9	7
			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	8
68.3	62.0	71.2	76.1	74.5	77.5	77.7	74.7	66.3	63.7	61.7	55.7	54.3	51.5	50.4	51.9	42.1	39.7	9
55.8	53.6	50.0	49.3	48.6	47.6	50.6	49.8	42.3	40.6	38.0	35.7	34.1	34.3	-34.1	32.5	30.8	28.7	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	46.1	51.4	46.6	46.2	41.0	35.7	11
61.4	57.3	58.9	55.9	60.7	53.9	46.2	48.1	47.6	45.8	40.0	36.5	35.9	43.4	36.5	34.7	30.4	29.7	12
64.8	59.9	63.2	53.0	52.6	48.6	58.0	49.5	48.4	45.6	45.0	43.9	41.7	39.7	41.6	34.4	34.2	30.7	13
60.1	54.5	52.9	52.0	49.0	48.3	46.5	44.1	39.9	37.0	37.5	35.3	32.0	34.8	33.4	32.1	32.0	28.4	14
61.8	60.8	57.2	55.5	53.9	47.2	48.2	47.6	43.8	39.4	38.2	35.8	39.5	43.3	36.5	29.7	29.4	28.2	15
56.0	53.8	49.4	46.4	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	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	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	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	32.8	31.0	19
60.7	60.0	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	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	21
58.6	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	22
62.7	67.0	54.0	50.5	52.0	47.7	50.7	47.9	44.6	41.9	40.7	38.7	37.2	39.3	38.1	35.9	32.8	31.5	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	28.6	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	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	28.7	26
58.6	62.8	57.2	55.4	63.1	56.9	57.9	56.5	51.5	46.9	46.5	46.5	39.0	40.1	37.5	37.7	33.4	32.5	27
61.7	59.8	55.5	60.0	57.3	59.4	49.7	52.4	49.8	48.0	45.1	37.8	36.5	35.4	36.3	30.4	34.2	30.9	28
		50.4	54.8	58.0	52.5	47.8	51.1	43.8	41.4	39.2	40.9	38.2	35.1	34.0	30.4	30.2	31.3	29
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	32.9	32.9	28.6	30.2	28.0	30
52.8	47.9	48.1	53.5	48.5	50.3	51.8	44.4	43.0	39.4	38.1	37.8	35.8	33.9	33.5	33.0	30.4	28.8	31
78.5	61.7	67.1	80.4	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	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	38.9	34.4	32.2	33
70.8	67.0	72.9	67.2	65.3	58.4	72.4	60.8	48.1	47.7	47.0	50.8	50.8	41.0	38.3	40.3	35.5	30.9	34
77.3	76.3	67.2	68.5	72.6	69.6	73.9	69.7	66.2	60.9	59.3	66.9	52.5	48.5	48.3	48.6	39.8	36.9	35
61.0	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	36
78.6	72.9	66.5	66.0	77.9	68.8	68.9	65.5	68.6	59.2	57.4	59.8	48.3	46.6	45.1	43.0	37.3	34.8	37
68.7	61.0	77.2	78.2	83.0	79.3	80.8	75.6	80.3	66.2	68.1	75.0	58.7	53.1	54.8	49.8	41.4	39.5	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	39
64.2	63.9	61.1	62.9	68.2	61.9	59.4	59.8	57.9	56.4	55.6	52.8	47.7	45.0	42.9	41.1	38.3	36.9	40
65.4	65.0	63.3	58.1	64.9	58.7	66.8	59.1	61.3	52.6	52.8	58.6	48.4	49.7	46.8	46.9	39.5	37.0	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	42
72.1	61.4	80.9	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	43
67.7	55.9	53.6	63.6	64.8	53.9	58.2	58.9	56.7	56.2	54.3	54.7	47.3	46.7	43.8	40.3	36.7	36.2	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	33.2	30.8	27.0	26.8	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	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	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	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	49
57.1	55.9	43.4	47.2	50.3	51.0	51.4	43.7	44.6	45.8	42.3	34.5	36.2	31.5	33.0	33.8	32.3	28.8	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	51
34.3	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	48.8	49.4	40.2	37.2	52
145.4	134.4	119.4	136.1	126.3	129.3	121.8	123.7	108.7	109.0	99.6	95.4	97.9	89.3	85.2	95.7	76.3	65.5	53
116.6	109.6	98.9	111.4	103.5	111.7	119.6	120.7	98.8	94.3	84.3	80.1	69.4	63.2	64.4	61.5	50.6	54	54
57.4	51.4	44.2	47.6	49.2	49.3	52.7	41.4	46.8	39.5	40.6	29.9	33.0	31.2	33.6	31.3	27.2	25.5	55
68.3	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	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	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	28.8	27.5	25.0	58
58.7	56.7	52.7	53.7	51.7	49.6	53.1	53.8	43.7	42.4	39.4	38.7	34.8	34.7	34.7	32.6	30.7	28.4	59

VITAL STATISTICS OF THE UNITED STATES

TABLE IV.—CRUDE BIRTH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-47

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

AREA	1935	1936	1937	1938	1939	1940 ¹	1941 ¹	1942 ¹	1943 ¹	1944 ¹	1945 ¹	1946 ¹	1947 ²
UNITED STATES:													
Based on total population-----	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
Based on civilian population-----						17.9	19.1	21.5	23.0	22.1	21.5	23.8	
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
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
East North Central-----	15.7	15.6	16.3	17.1	16.4	17.1	18.5	21.2	21.8	20.3	19.8	22.9	25.1
West North Central-----	16.6	16.6	16.6	17.0	16.9	17.4	18.2	19.8	21.0	20.7	20.0	22.5	24.8
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
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
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
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
Pacific-----	13.2	13.6	14.5	15.4	15.3	16.2	17.3	20.8	23.2	22.3	21.6	23.3	24.8
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
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
Vermont-----	18.8	18.6	18.3	18.2	18.4	19.4	20.0	21.0	23.1	21.7	21.1	23.8	26.5
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
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
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
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
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
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
EAST NORTH CENTRAL													
Ohio-----	14.8	15.1	15.7	16.4	15.0	16.6	18.3	21.0	21.5	19.7	19.4	22.7	25.7
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
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
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
Wisconsin-----	17.2	17.2	17.5	17.8	17.4	17.5	18.5	21.1	21.9	21.2	21.1	23.7	25.9
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
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
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
North Dakota-----	20.5	20.7	19.4	20.1	20.1	20.6	21.5	23.0	25.2	26.6	25.8	28.5	31.5
South Dakota-----	19.2	19.5	19.3	18.4	18.7	18.9	20.0	21.6	23.7	24.8	24.4	26.5	28.6
Nebraska-----	17.1	17.6	16.7	16.9	16.9	16.8	17.2	19.0	20.4	20.8	20.3	21.9	23.0
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
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
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	26.3
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
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
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
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
South Carolina-----	22.1	21.3	21.9	22.0	22.7	23.7	25.1	26.0	29.9	28.6	27.5	28.8	30.5
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
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
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
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
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
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
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
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
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
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
MOUNTAIN													
Montana-----	18.7	18.3	19.0	19.7	18.9	20.6	20.8	22.2	23.9	24.4	24.0	27.0	30.9
Idaho-----	20.4	21.4	21.1	22.5	21.5	22.3	22.4	22.0	24.8	25.0	23.9	26.4	31.0
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
Colorado-----	17.7	17.1	18.0	18.7	18.5	18.6	18.8	21.2	22.9	23.3	23.3	26.9	28.7
New Mexico-----	28.0	26.5	27.6	27.9	27.2	27.6	27.4	28.9	30.5	32.9	32.6	35.1	37.2
Arizona-----	19.7	20.4	22.2	22.4	22.4	22.8	21.8	22.7	26.1	26.6	25.2	27.7	29.7
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
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
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
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
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

¹Rate for the United States based on population including armed forces overseas, and on civilian population in area for comparison with those for States; rates for States and geographic divisions based on civilian population in area.

²Rates 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 V.- CRUDE DEATH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-47

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

AREA	1935	1936	1937	1938	1939	1940 ¹	1941 ¹	1942 ¹	1943 ¹	1944 ¹	1945 ¹	1946 ¹	1947 ¹
UNITED STATES	10.9	11.6	11.3	10.8	10.6	10.7	10.5	10.4	10.9	10.6	10.6	10.0	10.1
* GEOGRAPHIC DIVISIONS													
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
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
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
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
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
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
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
Mountain	11.5	11.8	12.6	10.6	10.4	10.1	9.7	9.7	10.2	10.4	10.4	9.8	9.9
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
NEW ENGLAND													
Maine	13.4	13.7	13.8	12.6	12.6	12.5	12.4	12.6	13.6	12.9	12.5	11.7	11.5
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
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
Massachusetts	11.4	11.9	11.8	11.2	11.6	11.9	11.7	11.9	13.0	12.5	12.3	11.4	11.2
Rhode Island	11.7	11.9	12.1	11.9	11.2	11.3	11.2	11.4	12.2	11.1	10.9	10.8	11.2
Connecticut	10.8	10.9	10.9	10.6	10.6	10.6	10.6	10.4	11.4	10.8	10.8	10.0	9.7
MIDDLE ATLANTIC													
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
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
Pennsylvania	11.2	11.7	11.9	10.9	11.0	11.3	11.0	11.3	12.2	11.8	11.7	10.8	10.5
EAST NORTH CENTRAL													
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
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
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
Michigan	10.6	11.2	10.6	10.0	10.1	9.9	9.9	9.9	10.6	10.1	9.8	9.4	9.4
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
WEST NORTH CENTRAL													
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
Iowa	10.5	11.4	10.7	10.3	10.5	10.3	10.2	10.1	10.9	11.0	10.8	10.1	10.2
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
North Dakota	8.9	8.7	8.6	8.2	8.4	8.2	8.6	8.3	9.7	10.0	10.0	9.5	9.7
South Dakota	9.5	9.4	9.2	8.6	9.0	8.9	9.3	9.4	9.9	10.5	10.2	10.0	9.9
Nebraska	9.7	10.3	10.1	9.2	9.4	9.6	9.6	9.9	10.3	10.2	10.2	9.7	10.0
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
SOUTH ATLANTIC													
Delaware	12.7	13.1	12.9	12.4	12.0	12.2	11.9	12.3	12.9	12.2	12.0	11.5	11.5
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
District of Columbia	13.2	13.5	13.3	11.9	11.9	11.9	10.5	10.2	10.0	9.2	9.5	9.8	9.6
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
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
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
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
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
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
EAST SOUTH CENTRAL													
Kentucky	11.0	12.0	11.4	10.6	10.6	10.5	10.8	10.2	10.8	10.7	10.7	10.0	10.2
Tennessee	10.6	11.4	10.6	10.2	9.8	10.0	9.6	9.2	9.5	9.7	9.9	9.2	8.2
Alabama	10.3	11.2	11.0	10.5	10.1	10.5	10.2	9.5	9.4	9.5	9.5	8.8	8.3
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	8.6
WEST SOUTH CENTRAL													
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
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
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
Texas	10.1	10.7	10.5	9.6	9.5	9.7	9.2	8.9	8.9	9.0	8.8	8.8	8.8
MOUNTAIN													
Montana	11.7	11.6	11.4	10.5	10.6	10.3	10.2	10.4	11.5	12.5	12.1	11.7	11.8
Idaho	9.9	10.5	9.8	9.2	9.3	9.3	8.6	8.9	8.8	8.4	8.8	8.8	9.1
Wyoming	9.9	10.4	10.2	9.4	8.9	8.5	8.2	7.6	8.2	8.7	8.9	8.1	8.9
Colorado	12.3	12.6	12.7	11.3	11.1	10.9	10.5	11.1	10.9	11.0	11.6	10.6	11.0
New Mexico	12.9	12.3	12.2	11.3	11.0	10.2	10.5	9.7	10.1	10.6			

VITAL STATISTICS OF THE UNITED STATES

TABLE VI—INFANT MORTALITY RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1939-47

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

AREA	1939	1940	1941	1942	1943	1944	1945	1946	1947
UNITED STATES	48.0	47.0	45.3	40.4	40.4	39.8	38.5	33.8	32.2
GEOGRAPHIC DIVISIONS									
New England	39.9	39.2	36.7	34.1	36.7	34.8	32.9	31.7	28.8
Middle Atlantic	41.6	39.9	36.5	34.1	34.8	35.7	34.0	30.4	28.2
East North Central	40.6	39.2	37.7	35.4	36.9	35.4	34.3	31.2	28.9
West North Central	40.4	39.2	39.9	34.8	35.2	34.1	32.6	30.8	29.7
South Atlantic	57.9	57.1	60.6	50.4	47.9	46.9	45.0	38.0	35.7
East South Central	58.5	55.7	57.0	48.1	46.5	45.1	43.1	38.5	36.3
West South Central	60.6	61.2	53.6	48.6	46.9	46.2	44.1	37.7	37.5
Mountain	63.6	62.0	56.5	54.3	52.8	52.0	53.4	42.3	40.0
Pacific	40.4	37.8	35.7	34.1	34.0	34.0	32.5	30.9	28.7
NEW ENGLAND									
Maine	52.5	53.2	51.2	46.1	51.3	46.7	46.3	41.0	35.7
New Hampshire	47.2	40.9	38.3	35.9	46.1	37.7	36.3	31.4	30.1
Vermont	45.1	44.5	43.2	41.7	39.0	40.6	34.6	34.0	31.2
Massachusetts	38.9	37.5	35.4	32.0	34.2	33.1	31.6	31.6	28.1
Rhode Island	39.0	37.9	34.9	39.5	43.5	35.3	28.2	29.5	26.2
Connecticut	36.6	34.0	30.6	29.2	29.8	30.7	29.9	27.8	25.2
MIDDLE ATLANTIC									
New York	39.1	37.2	33.0	31.9	32.7	32.8	31.8	29.1	28.2
New Jersey	39.3	35.5	35.8	31.1	33.7	34.0	32.0	28.5	27.9
Pennsylvania	45.7	44.7	40.9	39.2	37.9	40.0	37.9	33.0	31.1
EAST NORTH CENTRAL									
Ohio	42.9	41.4	40.6	37.0	39.1	38.5	36.5	31.3	29.5
Indiana	39.6	42.1	39.9	36.6	39.6	34.5	36.0	31.5	30.6
Illinois	38.1	36.3	34.2	33.1	33.3	32.4	31.6	30.4	28.9
Michigan	41.8	40.7	38.7	37.2	38.3	37.9	35.8	32.7	31.5
Wisconsin	40.3	37.3	35.1	32.0	35.0	32.0	31.1	30.0	29.5
WEST NORTH CENTRAL									
Minnesota	35.5	33.2	34.5	29.6	30.9	31.3	31.1	28.6	28.6
Iowa	38.8	36.5	36.3	33.5	34.0	33.1	30.3	29.9	28.5
Missouri	45.3	46.9	46.3	39.0	40.3	37.6	37.5	35.0	32.5
North Dakota	49.4	45.1	37.1	36.5	34.9	35.4	29.3	34.0	30.6
South Dakota	40.9	38.7	41.3	38.2	35.7	34.9	31.1	29.6	30.9
Nebraska	37.3	36.0	34.6	33.4	35.5	33.0	28.5	30.2	27.8
Kansas	39.3	38.3	37.6	35.5	33.6	33.3	33.0	30.6	28.1
SOUTH ATLANTIC									
Delaware	43.6	47.7	43.4	47.0	46.7	48.7	38.9	29.7	31.0
Maryland	49.0	49.1	52.0	43.9	43.0	41.5	38.0	34.0	31.6
District of Columbia	53.3	49.3	57.7	50.8	47.6	44.8	48.3	41.2	31.9
Virginia	59.7	58.5	64.9	52.5	47.1	47.1	47.4	38.7	36.6
West Virginia	54.3	53.7	60.9	53.0	52.1	52.0	52.0	40.9	38.0
North Carolina	59.1	57.6	59.7	48.3	46.7	45.4	43.3	37.2	34.9
South Carolina	66.5	68.2	75.0	58.7	55.1	54.9	49.9	41.4	39.5
Georgia	58.3	57.8	58.4	49.3	46.6	44.5	42.2	35.9	34.2
Florida	56.0	33.8	52.9	47.7	46.7	45.5	43.8	39.4	38.2
EAST SOUTH CENTRAL									
Kentucky	52.8	53.1	58.9	48.4	50.0	46.7	46.9	40.0	37.1
Tennessee	52.7	53.5	54.3	46.4	44.8	45.5	47.7	38.5	36.3
Alabama	59.8	61.5	59.4	50.1	44.8	45.5	44.7	37.9	37.5
Mississippi	56.6	54.4	55.1	47.3	46.8	44.1	40.6	37.5	36.8
WEST SOUTH CENTRAL									
Arkansas	46.5	47.0	44.7	39.7	37.4	34.7	31.7	28.3	29.5
Louisiana	62.8	64.3	57.8	48.2	44.7	46.3	43.0	37.2	37.2
Oklahoma	50.1	49.9	47.7	41.4	42.5	41.2	40.0	32.5	32.3
Texas	67.6	68.3	56.6	53.6	51.4	50.4	48.8	41.7	41.1
MOUNTAIN									
Montana	48.9	46.5	37.9	33.7	38.7	36.1	34.2	34.8	32.1
Idaho	46.8	42.9	35.8	36.2	32.0	34.0	35.0	32.9	29.4
Wyoming	44.8	44.7	43.2	45.1	37.1	41.2	40.0	33.1	34.0
Colorado	54.4	60.4	52.0	49.7	50.4	49.4	50.5	40.0	37.5
New Mexico	109.1	100.6	97.5	97.9	91.6	89.1	100.8	78.2	67.9
Arizona	93.4	85.5	80.0	80.1	76.7	68.9	68.7	41.5	50.9
Utah	39.5	40.4	29.7	33.0	31.4	33.9	31.1	27.2	25.1
Nevada	44.0	51.7	42.3	57.2	52.2	50.2	46.3	39.8	33.2
PACIFIC									
Washington	36.8	35.2	34.7	33.1	34.8	33.8	34.5	33.4	28.1
Oregon	34.8	33.2	30.7	30.5	30.0	30.5	28.7	27.7	24.7
California	42.2	39.2	36.6	34.8	34.4	34.5	32.5	30.7	29.4

SUMMARY AND RATE TABLES

TABLE VII.—STILLBIRTH RATIOS BY PLACE OF OCCURRENCE: UNITED STATES, EACH DIVISION AND STATE, 1925-47

(Ratios per 1,000 live births. For each State, ratios are shown from 1925 or from the year of its admission to the birth-registration area; for each geographic division, ratios are shown from 1925 or from the year when the division, as a whole, became a part of the area)

AREA	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945 ¹	1946 ¹	1947 ²
UNITED STATES (birth-registration States)	38.1	38.1	38.8	40.2	39.5	39.2	38.2	37.8	37.0	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
GEOGRAPHIC DIVISIONS																							
New England	36.7	36.5	36.0	35.0	33.8	33.9	33.3	33.2	32.7	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
Middle Atlantic	39.7	40.2	39.5	40.5	38.7	38.8	39.0	38.7	38.9	38.1	36.0	35.5	34.6	33.8	37.9	39.2	39.5	37.3	35.3	36.6	39.2	37.9	35.6
East North Central	35.3	35.5	35.0	35.2	34.7	34.0	33.2	31.7	31.0	30.0	29.4	27.8	27.1	25.9	25.3	25.0	25.7	22.9	22.8	25.1	22.4	21.5	19.6
West North Central	-----	-----	-----	-----	-----	-----	-----	31.8	29.7	29.6	30.0	28.1	26.9	26.9	25.0	25.0	24.3	23.5	21.4	21.4	21.1	20.2	18.0
South Atlantic	-----	-----	-----	53.9	53.7	54.2	51.5	51.8	49.4	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
East South Central	-----	-----	43.7	45.6	45.8	46.2	43.0	42.4	43.5	42.1	42.4	41.7	41.0	39.4	38.8	37.1	34.4	30.8	28.3	27.7	27.4	25.8	25.2
West South Central	-----	-----	-----	-----	-----	-----	-----	-----	38.1	37.3	36.4	36.6	35.3	33.8	34.1	31.0	29.9	26.2	26.6	25.6	24.0	22.8	22.8
Mountain	-----	-----	-----	28.4	27.9	27.8	28.1	27.2	26.6	25.4	25.9	23.9	23.7	23.1	22.7	22.0	21.1	20.4	20.2	20.4	20.0	18.4	18.4
Pacific	28.5	29.2	27.6	28.3	28.4	27.9	28.1	26.6	23.7	23.0	23.6	22.7	22.9	20.6	20.3	19.3	18.8	18.1	17.2	18.1	18.2	16.3	16.3
NEW ENGLAND																							
Maine	59.6	40.7	39.2	40.2	38.9	35.7	36.6	33.9	37.0	35.3	33.8	30.8	32.9	34.5	30.4	29.4	26.6	25.1	17.2	15.7	17.9	16.9	16.6
New Hampshire	41.4	40.2	42.9	38.6	37.5	41.7	40.2	38.4	36.3	30.8	34.1	29.7	31.3	31.3	27.6	24.8	25.6	26.9	17.1	25.2	22.6	23.0	20.8
Vermont	50.1	31.8	31.0	29.5	29.3	28.1	27.9	30.5	31.3	32.9	28.7	28.4	30.4	28.7	27.5	25.8	20.4	23.2	26.6	24.4	20.8	22.4	18.7
Massachusetts	36.2	35.6	35.8	35.4	33.8	34.9	34.8	34.0	33.9	30.9	30.2	29.5	28.1	27.1	27.5	26.8	24.6	24.6	23.4	23.2	22.9	22.6	19.3
Rhode Island	34.7	36.3	34.6	33.6	34.5	33.9	32.3	34.2	28.1	28.9	28.7	29.6	31.3	27.1	25.4	28.3	25.7	22.1	23.4	22.9	20.0	18.3	16.5
Connecticut	37.6	36.6	34.4	31.8	30.6	29.1	27.1	27.9	27.6	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
MIDDLE ATLANTIC																							
New York	41.9	42.4	41.3	42.8	40.9	40.9	41.5	41.6	42.7	41.2	39.7	39.6	38.0	36.3	47.8	51.9	53.3	51.4	48.7	53.8	54.6	54.7	50.9
New Jersey	39.9	40.8	41.4	40.1	39.7	38.0	39.3	37.4	36.2	36.2	34.1	33.5	30.9	29.8	28.1	26.9	24.9	24.5	23.8	24.8	24.8	22.5	22.2
Pennsylvania	37.3	37.7	36.8	36.0	36.0	36.2	35.9	35.7	35.3	35.1	32.3	31.6	31.9	29.9	29.7	28.6	25.3	24.6	22.8	25.1	24.6	22.5	21.0
EAST NORTH CENTRAL																							
Ohio	37.8	37.7	37.5	37.0	37.2	36.0	34.7	33.8	32.8	32.7	31.9	29.8	28.8	27.5	27.0	25.9	24.9	25.2	23.7	25.2	24.7	24.2	21.1
Indiana	31.4	30.6	31.1	31.1	29.4	29.6	29.1	28.6	26.9	26.7	27.0	25.8	24.0	21.4	22.1	23.0	20.8	20.6	20.5	20.7	19.8	19.0	17.6
Illinois	36.1	36.4	35.1	36.1	34.6	33.6	34.3	30.9	29.8	30.2	29.6	27.6	26.3	26.2	25.3	25.6	23.7	21.9	22.1	22.1	21.7	20.9	18.9
Michigan	37.0	38.3	38.3	37.8	37.8	36.9	35.5	34.7	34.4	31.3	31.1	30.0	28.6	28.3	27.1	26.0	26.0	24.7	25.4	25.0	24.1	22.7	21.1
Wisconsin	29.7	28.9	28.3	29.2	29.9	29.9	28.3	27.4	28.7	25.4	23.8	23.0	23.8	23.0	21.9	22.0	19.9	19.1	20.3	20.2	18.9	17.6	17.3
WEST NORTH CENTRAL																							
Minnesota	50.3	31.5	29.7	29.5	29.5	29.2	29.9	28.7	27.2	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
Iowa	32.6	27.6	28.7	26.6	30.6	31.4	31.8	31.6	29.3	26.9	26.9	27.1	25.6	25.4	23.5	22.6	21.5	20.6	20.3	19.9	19.5	18.5	15.8
Missouri	-----	45.6	44.7	45.8	43.1	41.9	41.3	37.9	36.4	36.5	36.0	34.7	35.0	31.3	32.4	32.4	30.6	26.0	26.3	24.8	24.7	22.0	22.0
North Dakota	25.5	27.2	29.0	28.8	28.5	27.8	28.2	25.8	27.9	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
South Dakota	-----	-----	-----	-----	-----	-----	-----	23.6	22.2	25.4	26.6	20.7	20.6	22.2	20.4	18.6	17.4	15.0	16.3	18.0	16.7	15.8	15.9
Nebraska	30.6	32.7	31.9	31.7	30.1	27.7	28.8	27.5	26.5	25.5	27.6	22.2	23.2	22.9	20.2	23.1	21.2	21.9	19.9	20.1	18.7	18.6	17.2
Kansas	32.4	33.4	32.2	32.9	33.7	31.1	29.0	28.2	26.2	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
SOUTH ATLANTIC																							
Delaware	40.0	44.8	38.0	34.1	41.8	43.4	41.1	33.8	39.0	33.9	36.7	36.5	32.8	30.2	28.5	25.9	27.7	23.7	23.2	23.7	25.2	21.5	19.7
Maryland	67.6	68.4	72.1	69.7	71.9	69.2	66.4	64.4	64.6	57.9	55.7	46.6	47.1	43.6	45.0	43.6	38.2	37.5	34.8	34.9	31.1	27.4	25.5
District of Columbia	48.8	49.8	49.5	48.6	47.8	49.7	46.0	43.0	43.5	37.9	37.9	36.9	34.0	34.1	28.7	25.7	28.9	26.4	25.6	25.9	22.6	33.2	21.2
Virginia	42.8	44.1	43.0	44.2	44.4	45.2	43.8	44.4	42.9	43.3	42.4	43.6	41.6	40.0	36.9	36.8	37.3	34.8	32.3	31.3	31.2	28.6	27.0
West Virginia	36.4	38.1	38.2	38.5	39.0	37.2	38.8	36.8	37.3	39.4	39.4	37.3	39.2	39.5	36.2	35.4	32.6	34.8	35.4	33.9	32.4	32.3	24.7
North Carolina	46.4	44.9	42.8	48.4	47.1	48.8	45.3	46.7	41.4	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
South Carolina	-----	-----	-----	67.8	67.2	65.8	62.0	63.9	58.9	56.4	60.9	58.2	55.1	50.6	45.7	47.1	44.6	41.1	37.3	35.1	34.2	32.2	31.9
Georgia	-----	-----	-----	59.5	60.0	62.6	59.6	60.4	67.4	69.3	61.3	58.2	57.3	52.9	50.0	47.6	43.0	39.7	34.4	33.1	29.8	27.4	26.1
Florida	69.4	65.7	66.6	67.5	63.4	64.9	58.3	56.6	58.7	56.1	48.4	51.3	49.3	45.5	42.2	43.2	39.0	34.2	31.7	30.4	30.4	30.6	27.7
EAST SOUTH CENTRAL																							
Kentucky	33.2	31.5	32.7	31.1	32.1	34.1	35.5	33.8	35.8	33.6	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
Tennessee	-----	-----	40.8	42.8	44.1	49.9	42.1	39.9	42.7	38.9	40.5	39.9	36.6	36.4	31.7	29.1	26.2	22.8	22.9	22.8	23.0	23.5	22.1
Alabama	-----	-----	49.2	52.0	53.0	52.7	48.9	49.1	47.4	49.7	48.2	44.2	42.5	41.8	40.5	39.9	37.5	33.4	33.3	30.2	28.3	26.6	28.3
Mississippi	53.8	51.8	53.2	57.7	54.5	48.6	45.6	47.3	48.5	46.4	47.8	47.5	48.6	47.5	51.1	48.2	45.1	42.2	36.3	34.9	34.6	31.1	30.3
WEST SOUTH CENTRAL																							
Arkansas	-----	-----	46.0	45.9	43.3	43.2	38.9	39.8	38.9	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
Louisiana	-----	-----	53.9	58.4	53.4	52.3	49.5	50.5	50.2	48.2	49.4	47.4	45.5	42.5	43.2	39.0	37.2	32.0	30.3	28.9	29.2	27.3	27.0
Oklahoma	-----	-----	-----	30.8	33.8	30.2	24.4	25.7	25.8	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
Texas	-----	-----	-----	-----	-----	-----	-----	-----	38.4	37.8	38.1	35.0	33.9	32.7	33.0	31.5	30.2	28.1	27.3	25.9	24.8	24.8	23.2
MOUNTAIN																							
Montana	33.5	31.6	32.0	34.2	26.9	26.7	32.1	27.9	28.2	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
Idaho	-----	26.3	24.0	25.5	26.3	22.2	19.8	27.0	23.6	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
Wyoming	30.2	31.2	29.3	28.5	22.6	30.0	26.0	26.4	20.0	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
Colorado	-----	-----	-----	30.2	35.2	31.7	30.0	31.7	31.8	32.0	28.6	30.5	26.7	25.0	28.4	24.0	24.4	23.9	21.9	21.9	21.7	22.6	19.4
New Mexico	-----	-----	-----	-----	26.0	30.5	27.9	31.4	29.3	32.7	28.7	31.5	24.1	26.3	26.1	28.3	23.						

VITAL STATISTICS OF THE UNITED STATES

TABLE VIII.—DEATH RATES BY AGE: DEATH-REGISTRATION STATES, 1900-1947

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

YEAR	All ages ¹	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 years and over
1947 ²	10.1	33.7	1.6	0.7	1.5	2.1	4.1	9.3	19.8	44.6	117.1
1946 ²	10.0	45.5	1.8	0.8	1.7	2.3	4.2	9.3	19.5	43.4	114.1
1945 ²	10.6	41.7	2.0	0.9	1.9	2.7	4.6	9.7	20.3	44.5	116.5
1944 ²	10.6	43.3	2.3	0.9	2.0	2.7	4.7	9.8	20.6	45.5	119.6
1943 ²	10.9	43.0	2.6	1.0	2.0	2.8	4.9	10.3	21.5	47.4	126.4
1942 ²	10.4	48.0	2.4	0.9	1.9	2.8	4.9	10.1	21.0	45.6	117.9
1941 ²	10.5	52.3	2.8	1.0	2.0	2.9	5.0	10.3	21.4	46.6	121.9
1940 ²	10.7	54.8	2.9	1.0	2.0	3.1	5.2	10.6	22.0	46.2	127.6
1939	10.6	53.7	3.2	1.1	2.1	3.2	5.3	10.7	22.1	47.2	128.3
1938	10.6	53.0	3.8	1.2	2.3	3.4	5.6	10.9	22.1	47.1	125.4
1937	11.3	61.3	4.2	1.4	2.6	3.9	6.2	11.6	23.5	49.0	132.7
1936	11.6	62.9	4.4	1.5	2.8	4.1	6.5	12.1	24.1	50.8	138.9
1935	10.9	60.9	4.4	1.5	2.7	4.0	6.2	11.6	23.2	48.7	129.0
1934	11.1	66.8	5.1	1.5	2.8	4.1	6.2	11.8	23.5	49.4	129.8
1933	10.7	61.3	4.7	1.5	2.7	4.1	6.2	11.4	23.2	49.0	127.1
1932	10.9	61.3	4.6	1.5	2.9	4.2	6.3	11.6	23.4	50.0	131.2
1931	11.1	64.4	5.3	1.7	3.2	4.5	6.7	12.0	23.6	49.9	126.5
1930	11.3	69.0	5.6	1.7	3.3	4.7	6.8	12.2	24.0	51.4	129.1
1929	11.9	71.6	6.3	1.9	3.6	5.0	7.3	12.7	24.5	54.0	140.6
1928	12.0	73.1	6.5	1.9	3.7	5.0	7.5	12.8	24.2	54.3	144.9
1927	11.3	68.9	5.9	1.9	3.5	4.7	7.1	12.0	22.9	51.2	133.9
1926	12.1	77.9	7.2	1.9	3.7	4.9	7.4	12.7	24.1	53.8	145.8
1925	11.7	75.4	6.4	2.0	3.8	4.8	7.2	12.2	23.3	51.7	139.3
1924	11.8	76.8	6.8	2.0	3.8	4.8	7.1	12.1	23.0	51.0	136.1
1923	12.1	81.1	8.1	2.1	3.9	5.0	7.3	12.2	23.9	53.3	144.1
1922	11.7	77.6	7.4	2.1	3.8	5.0	7.1	11.8	23.2	52.2	136.4
1921	11.5	80.6	8.0	2.5	3.9	4.9	6.8	11.2	22.1	49.0	128.7
1920	13.0	92.3	9.9	2.6	4.9	6.8	8.1	12.2	23.6	52.5	137.0
1919	12.9	91.0	9.3	2.7	5.3	7.5	8.6	12.3	23.1	50.0	124.0
1918	18.1	111.7	15.7	4.1	10.7	16.4	13.4	15.2	26.5	55.0	128.4
1917	14.0	104.6	10.7	2.6	4.7	6.5	9.0	13.9	26.8	57.3	141.1
1916	13.8	105.7	11.1	2.5	4.4	6.2	8.8	13.6	26.5	57.2	141.7
1915	13.2	102.4	9.2	2.3	4.1	5.8	8.3	13.1	25.5	55.6	136.9
1914	13.3	107.2	10.2	2.5	4.2	6.0	8.5	13.1	25.1	54.1	131.8
1913	13.8	114.8	11.9	2.7	4.4	6.2	8.7	13.5	25.5	54.1	134.5
1912	13.6	111.1	10.9	2.5	4.3	6.1	8.6	13.4	25.8	54.5	137.3
1911	13.9	114.0	11.8	2.7	4.5	6.4	8.9	13.5	25.8	55.0	137.8
1910	14.7	131.8	14.0	2.9	4.5	6.5	9.0	13.7	26.2	55.6	140.1
1909	14.2	126.7	13.5	2.8	4.4	6.3	8.7	13.3	25.6	53.9	135.9
1908	14.7	133.2	14.0	3.0	4.8	6.7	9.0	13.8	26.2	53.8	137.3
1907	15.9	136.6	14.7	3.2	5.3	7.5	10.2	15.1	28.6	56.8	147.7
1906	15.7	144.8	15.8	3.3	5.3	7.5	9.8	14.5	27.1	55.0	138.4
1905	15.9	141.2	15.0	3.4	5.2	7.4	9.9	14.7	27.7	56.2	141.5
1904	16.4	139.2	15.9	3.7	5.5	7.8	10.2	15.1	28.5	56.2	145.8
1903	15.6	132.6	15.4	3.4	5.2	7.5	9.8	14.3	27.2	55.0	136.9
1902	15.5	136.9	16.6	3.3	5.1	7.5	9.6	14.0	25.9	52.9	130.6
1901	16.4	141.4	16.9	3.5	5.5	8.0	10.3	15.0	27.8	56.2	143.1
1900	17.2	182.4	19.8	3.9	5.9	8.2	10.2	15.0	27.2	56.4	142.0

¹Includes deaths for which age was not stated.²Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

SUMMARY AND RATE TABLES

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TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1946 AND 1947

(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	
		1947	1946	1947	1946			1947	1946	1947	1946
	ALL CAUSES -----	1,445,370	1,395,617	1,007.6	997.6						
	I.—Infectious and parasitic diseases -----	80,155	87,287	55.9	62.4		I.—Infectious and parasitic diseases—Continued				
	(Communicable diseases)						Diseases due to spirochetes (30-32)—Continued				
	Diseases due to bacteria (1-26)						Syphilis—Continued				
	Typhoid fever-----	282	349	0.2	0.2		(a) Locomotor ataxia (tabes dorsalis)-----	453	486	0.3	0.3
1	Paratyphoid fever-----	45	58	0.0	0.0		(b) General paralysis of the insane-----	3,537	4,028	2.5	2.9
2	Flague-----	1	-	0.0	0		(c) Other syphilis of the central nervous system-----	1,243	1,333	0.9	1.0
3	Cholera-----	-	-	0	0		(d) Aneurysm of the aorta-----	3,465	2,943	2.4	2.1
4	Unklant fever (brucellosis)-----	58	69	0.0	0.0		(e) Other syphilis of the circulatory system-----	954	989	0.7	0.7
5	Cerebrospinal (meningococcus) meningitis-----	917	1,257	0.6	0.9		(f) Congenital syphilis-----	605	624	0.4	0.4
6	Anthrax (infection by Bacillus anthracis)-----	3	7	0.0	0.0	31	(g) Other and unspecified forms of syphilis-----	2,414	2,582	1.7	1.8
7	Scarlet fever-----	107	199	0.1	0.1	32	Relapsing fever-----	1	-	0.0	0
8	Whooping cough-----	1,954	1,241	1.4	0.9		Other diseases due to spirochetes--	415	390	0.3	0.3
9	Diphtheria (infection by C. diphtheriae)-----	799	1,259	0.6	0.9		(a) Spirochetosis icterohaemorrhagica (Weil's disease)-----	358	315	0.2	0.2
10	Erysipelae-----	82	123	0.1	0.1		(b) Other diseases due to spirochetes-----	57	75	0.0	0.1
11	Tetanus-----	511	585	0.4	0.4		Diseases due to filtrable viruses (33-38)				
12							Influenza (grippe)-----	7,664	8,783	5.3	6.3
13-22	Tuberculosis (all forms)-----	48,084	50,911	33.5	36.4		(a) With respiratory complications specified-----	4,878	5,322	3.4	3.8
13	Tuberculosis of the respiratory system (including the bronchial and mediastinal lymph nodes)-----	44,462	46,939	31.0	33.6	33	(b) Without respiratory complications specified-----	2,786	3,461	1.9	2.5
	(a) With mention of occupational disease of the lungs-----	667	651	0.5	0.5	34	Smallpox-----	5	25	0.0	0.0
	(b) Without mention of occupational disease of the lungs-----	42,475	44,816	29.6	32.0	35	Measles-----	472	1,310	0.3	0.9
	(c) Tuberculosis of unspecified site-----	1,320	1,472	0.9	1.1	36	Acute poliomyelitis and acute poliomyelitis-----	580	1,645	0.4	1.3
14	Tuberculosis of the meninges and central nervous system-----	977	1,150	0.7	0.8	37	Acute infectious encephalitis (lethargic)-----	630	642	0.4	0.5
15	Tuberculosis of the intestines and peritoneum-----	478	578	0.3	0.4		(a) Acute infectious encephalitis (lethargic)-----	199	185	0.1	0.1
16	Tuberculosis of the vertebral column-----	433	459	0.3	0.3		(b) Sequelae of encephalitis lethargica-----	213	223	0.1	0.2
17	Tuberculosis of the bones and joints (except vertebral column)-----	153	157	0.1	0.1		(c) Encephalitis lethargica (unqualified)-----	218	236	0.2	0.2
	(a) Bones-----	78	74	0.1	0.1	38	Other diseases due to filtrable viruses-----	144	145	0.1	0.1
	(b) Joints-----	75	65	0.1	0.0		(a) Yellow fever-----	-	-	0	0
18	Tuberculosis of the skin and subcutaneous cellular tissue-----	18	26	0.0	0.0		(b) Rabies-----	26	34	0.0	0.0
19	Tuberculosis of the lymphatic system (except bronchial, mediastinal mesenteric, and retroperitoneal lymph nodes)-----	75	80	0.1	0.1		(c) Herpes zoster-----	18	11	0.0	0.0
20	Tuberculosis of the genito-urinary system-----	358	367	0.2	0.3		(d) German measles-----	9	11	0.0	0.0
21	Tuberculosis of other organs-----	83	105	0.1	0.1		(e) Chickenpox-----	88	85	0.1	0.1
	(a) Tuberculosis of the adrenal glands-----	45	71	0.0	0.1		(f) Other diseases ascribed to viruses-----	3	4	0.0	0.0
	(b) Tuberculosis of other organs-----	48	34	0.0	0.0	39	Diseases due to Rickettsia (39)				
22	Disseminated tuberculosis-----	1,017	1,090	0.7	0.8		Typhus fever and typhus-like diseases (due to Rickettsia)-----	224	289	0.2	0.2
	(a) Acute (generalized) miliary tuberculosis-----	914	1,004	0.6	0.7		(a) Exanthematic typhus (epidemic form)-----	-	2	0	0.0
	(b) Other and unspecified generalized tuberculosis-----	103	86	0.1	0.1		(b) Endemic typhus fever-----	89	128	0.1	0.1
23	Leprosy-----	16	16	0.0	0.0		(c) Rocky Mountain spotted fever-----	105	124	0.1	0.1
24	Septicemia and purulent infection (nonpuerperal)-----	520	594	0.4	0.4	40	(d) Other typhus-like diseases-----	31	35	0.0	0.0
	(a) Septicemia-----	466	536	0.3	0.4	41	Diseases caused by helminths (40-42)				
	(b) Pyemia-----	19	16	0.0	0.0	42	Ankylostomiasis-----	9	8	0.0	0.0
	(c) Gas bacillus gangrene-----	32	30	0.0	0.0		Hydatid disease-----	15	10	0.0	0.0
	(d) Generalized Bacillus coli infection-----	3	12	0.0	0.0		Other diseases caused by helminths-----	51	52	0.0	0.0
25	Gonococcus infection-----	108	150	0.1	0.1	43	Diseases due to fungi (43)				
26	Other diseases due to bacteria (except dysentery)-----	58	113	0.0	0.1		Mycoses-----	331	336	0.2	0.2
	(a) Tularemia-----	58	113	0.0	0.1		Other infectious and parasitic diseases (44)				
	(b) Other diseases due to bacteria-----	-	-	0	0	44	(Communicable diseases)				
	Dysentery (27)						Other infectious and parasitic (communicable) diseases-----	2,300	2,255	1.6	1.6
27	Dysentery-----	869	952	0.6	0.7		(a) Venereal diseases (except gonorrhoea and syphilis)-----	68	83	0.0	0.1
	(a) Bacillary-----	273	309	0.2	0.2		(b) Lymphogranulomatosis (Hodgkin's disease)-----	2,163	2,105	1.5	1.5
	(b) Amebic-----	155	182	0.1	0.1		(c) Mumps-----	47	52	0.0	0.0
	(c) Other and unspecified forms of dysentery-----	441	461	0.3	0.3		(d) Other infectious and parasitic (communicable) diseases-----	22	15	0.0	0.0
	Diseases due to protozoa (28,29)						II.—Cancer and other tumors-----	195,594	186,003	136.4	134.4
28	Malaria-----	214	341	0.1	0.2	45-55	Cancer and other malignant tumors	199,611	182,005	132.4	130.1
	(a) Benign tertian malaria-----	12	19	0.0	0.0		Cancer of the buccal cavity and				
	(b) Quartan malaria-----	3	2	0.0	0.0	45	pharynx-----	5,583	5,438	3.9	3.9
	(c) Malignant tertian (estivo-autumnal) malaria-----	12	13	0.0	0.0		(a) Lip-----	598	613	0.4	0.4
	(d) Malaria (unspecified form)-----	187	308	0.1	0.2		(b) Tongue-----	1,361	1,307	0.9	0.9
29	Other diseases due to parasitic protozoa (except spirochetes)-----	37	19	0.0	0.0		(c) Mouth-----	782	760	0.5	0.5
	Diseases due to spirochetes (30-32)						(d) Jaw bone-----	896	877	0.6	0.6
30	Syphilis-----	12,671	12,955	8.8	9.3		(e) Unspecified parts of the buccal cavity-----	98	82	0.1	0.1
							(f) Pharynx-----	1,848	1,799	1.3	1.3

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1946 AND 1947—Continued

(See heading on p. 13)

Int. List No.	CAUSE OF DEATH	NUMBER		RATE		Int. List No.	CAUSE OF DEATH	NUMBER		RATE	
		1947	1946	1947	1946			1947	1946	1947	1946
	II.—Cancer and other tumors—Continued						III.—Rheumatism, diseases of nutrition and of the endocrine glands, etc.—Continued				
	Cancer and other malignant tumors—Continued						Rheumatic diseases (58,59)—Con-				
46	Cancer of the digestive organs and peritoneum—					59	Chronic rheumatism and other rheumatic diseases—				
	(a) Esophagus—	85,121	80,866	58.0	57.8		(a) Rheumatoid arthritis—	1,841	1,803	1.3	1.3
	(b) Stomach—	3,489	3,307	2.4	2.4		(b) Other chronic articular rheumatism—	401	373	0.3	0.3
	(c) Duodenum—	25,967	25,625	18.1	18.3		(c) Other and unspecified forms of chronic rheumatism—	1,409	1,392	1.0	1.0
	(d) Rectum and anus—	352	348	0.2	0.2			31	38	0.0	0.0
	(e) Intestines (except duodenum and rectum)—	10,428	10,037	7.3	7.2		Diseases of nutrition and of the endocrine glands and other general diseases (60-68)				
	(f) Liver and biliary passages—	22,555	21,854	15.7	15.6		Gout—	6	5	0.0	0.0
	(g) Pancreas—	10,572	10,804	7.4	7.7	60	Diabetes mellitus—	37,515	34,751	26.2	24.8
	(h) Mesentery and peritoneum—	7,587	6,820	5.3	4.9	61	Diseases of the pituitary gland—	161	159	0.1	0.1
	(m) Other and unspecified sites—	1,519	1,261	0.9	0.9	62	Diseases of the thyroid and parathyroid glands—	2,795	2,859	1.9	2.0
47	Cancer of the respiratory system—	17,519	15,216	12.1	10.9	63	(a) Simple goiter—	146	164	0.1	0.1
	(a) Larynx—	1,872	1,746	1.3	1.2		(b) Exophthalmic goiter—	2,243	2,357	1.6	1.7
	(b) Trachea—	71	57	0.0	0.0		(c) Myxedema and cretinism—	320	288	0.2	0.2
	(c) Bronchus—	5,095	3,842	3.6	2.7		(d) Other diseases of the thyroid glands—	60	52	0.0	0.0
	(d) Lung—	9,571	8,894	6.7	6.3		(e) Diseases of the parathyroid glands—	26	18	0.0	0.0
	(e) Pleura—	151	115	0.1	0.1	64	Diseases of the thymus gland—	1,092	1,114	0.8	0.8
	(f) Mediastinum and unspecified sites—	559	592	0.4	0.4	65	Diseases of the adrenal glands (not specified as tuberculous)—	480	479	0.3	0.3
48	Cancer of the uterus—	17,455	17,205	12.2	12.3		(a) Addison's disease (not specified as tuberculous)—	291	328	0.2	0.2
	(a) Cervix—	7,978	7,396	5.6	5.3	66	(b) Other diseases of the adrenal glands—	189	151	0.1	0.1
	(b) Other and unspecified sites—	9,477	9,809	6.6	7.0		Other general diseases—	500	451	0.3	0.3
49	Cancer of other female genital organs—	5,851	5,441	4.1	3.9		(a) Osteomalacia—	15	10	0.0	0.0
	(a) Ovary—	5,026	4,669	3.5	3.3		(b) Other general diseases—	467	421	0.3	0.3
	(b) Fallopian tube and perimetrium—	33	27	0.0	0.0	64					
	(c) Vagina—	285	253	0.2	0.2	65	Avitaminoses (67-71)				
	(d) Vulva—	450	427	0.3	0.3		Scurvy—	22	21	0.0	0.0
	(e) Other and unspecified sites—	57	65	0.0	0.0	67	Beriberi—	49	49	0.0	0.0
50	Cancer of the breast—	18,050	17,516	12.6	12.5	68	Pellagra (except alcoholic)—	728	804	0.5	0.6
51	Cancer of the male genital organs—	12,013	11,564	8.4	8.3	69	Rickets—	53	72	0.0	0.1
	(a) Scrotum—	25	27	0.0	0.0	70	Other avitaminoses—	121	112	0.1	0.1
	(b) Prostate—	11,050	10,616	7.7	7.6	71					
	(c) Testes—	643	618	0.4	0.4	72	IV.—Diseases of the blood and blood-forming organs—	11,349	10,754	7.9	7.7
	(d) Penis—	274	291	0.2	0.2		Hemorrhagic conditions—	575	639	0.4	0.5
	(e) Other and unspecified sites—	21	12	0.0	0.0		(a) Primary purpura—	459	506	0.3	0.4
52	Cancer of the urinary organs (male and female)—	9,334	8,746	6.5	6.3	73	(b) Hemophilia—	116	123	0.1	0.1
	(a) Kidney—	3,208	2,900	2.2	2.1		(c) Other hemorrhagic conditions—	-	10	0	0.0
	(b) Bladder—	6,015	5,748	4.2	4.1		Anemias (except splenic anemia)—	2,750	2,772	1.9	2.0
	(c) Other and unspecified sites—	111	100	0.1	0.1	74	(a) Pernicious anemia—	1,598	1,636	1.1	1.2
53	Cancer of the skin (except vulva and scrotum)—	3,474	3,520	2.4	2.5		(b) Other hyperchromic anemias—	120	111	0.1	0.1
54	Cancer of the brain and other parts of the central nervous system (including glioma, except when specified as benign)—	5,436	3,168	2.4	2.3	75	(c) Hypochromic anemias—	22	13	0.0	0.0
	(a) Glioma—	1,792	1,553	1.2	1.1		(d) Other and unspecified anemias—	1,010	1,012	0.7	0.7
	(b) Other and unspecified cancers of the brain and central nervous system—	1,644	1,615	1.1	1.2	76	Leukemias and leukemias—	7,293	6,608	5.1	4.7
55	Cancer of other and unspecified organs—	14,215	13,325	9.9	9.5		(a) Leukemias—	6,954	6,304	4.8	4.5
	(a) Adrenal gland—	223	178	0.2	0.1		(b) Aleukemias—	339	304	0.2	0.2
	(b) Bone (except jaw bone and accessory sinuses)—	2,347	2,308	1.6	1.6	77	Diseases of the spleen—	455	486	0.3	0.3
	(c) Thyroid gland—	786	728	0.5	0.5		(a) Splenic anemia—	61	73	0.0	0.1
	(d) Nasal cavity and accessory sinuses—	379	375	0.3	0.3		(b) Splenomegaly (of undetermined nature)—	269	310	0.2	0.2
	(e) Other and unspecified organs—	10,481	9,756	7.3	7.0		(c) Other diseases of the spleen—	123	103	0.1	0.1
	Nonmalignant tumors and tumors of unspecified nature (56,57)						Other diseases of the blood and blood-forming organs—	278	249	0.2	0.2
56	Nonmalignant tumors (including dermoid cysts)—	3,549	3,487	2.3	2.5		(a) Agranulocytosis—	126	120	0.1	0.1
	(a) Ovary—	496	612	0.3	0.4		(b) Erythrocytosis—	54	50	0.0	0.0
	(b) Uterus—	1,271	1,459	0.9	1.0		(c) Hemoglobinemia—	5	-	0.0	0
	(c) Other female genital organs—	44	51	0.0	0.0		(d) Other diseases of the blood and blood-forming organs—	95	79	0.1	0.1
	(d) Brain and other parts of the central nervous system—	887	813	0.6	0.6						
	(e) Other and unspecified organs—	651	592	0.5	0.4		V.—Chronic poisoning and intoxication—	2,351	2,332	1.6	1.7
57	Tumors of unspecified nature—	2,434	2,511	1.7	1.8	78	Alcoholism (ethylism)—	2,249	2,209	1.6	1.6
	(a) Ovary—	19	18	0.0	0.0		(a) Alcoholic pellagra—	1	-	0.0	0
	(b) Uterus—	24	27	0.0	0.0		(b) Other deficiency states associated with alcoholism—	44	32	0.0	0.0
	(c) Other female genital organs—	21	32	0.0	0.0	79	(c) Acute alcoholism—	616	944	0.6	0.6
	(d) Brain and other parts of the central nervous system—	1,591	1,656	1.1	1.2		(d) Chronic alcoholism—	851	768	0.6	0.5
	(e) Other and unspecified organs—	779	778	0.5	0.6		(e) Other and unspecified alcoholism—	557	585	0.4	0.4
	III.—Rheumatism, diseases of nutrition and of the endocrine glands, other general diseases, and avitaminoses	46,387	45,758	32.3	31.3	80	Lead poisoning—	32	45	0.0	0.0
	Rheumatic diseases (58,59)						(a) Specified as occupational—	15	21	0.0	0.0
58	Acute rheumatic fever—	1,024	1,118	0.7	0.8		(b) Not specified as occupational—	19	25	0.0	0.0
	(a) Acute rheumatic pericarditis—	38	46	0.0	0.0		Chronic poisoning by other mineral or organic substances—	70	77	0.0	0.1
	(b) Acute rheumatic endocarditis—	298	325	0.2	0.2		(a) Specified as occupational—	11	18	0.0	0.0
	(c) Acute rheumatic myocarditis—	117	127	0.1	0.1		(b) Not specified as occupational—	59	61	0.0	0.0
	(d) Other acute rheumatic heart diseases—	194	212	0.1	0.2						
	(e) Other forms of acute rheumatic fever—	299	354	0.2	0.2		VI.—Diseases of the nervous system and sense organs—	145,970	140,788	101.8	100.6
	(f) Rheumatism (not specified as acute or chronic)—	78	74	0.1	0.1		Encephalitis (non-epidemic)—	1,162	1,312	0.8	0.9
							(a) Intracranial abscess—	384	414	0.3	0.3
							(b) Other encephalitis (non-epidemic)—	778	898	0.5	0.6

SUMMARY AND RATE TABLES

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TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1946 AND 1947—Continued

(See headnote on p. 15)

Int. List No.	CAUSE OF DEATH	NUMBER		RATE		Int. List No.	CAUSE OF DEATH	NUMBER		RATE	
		1947	1946	1947	1946			1947	1946	1947	1946
	VI.—Diseases of the nervous system and sense organs—Continued						VII.—Diseases of the circulatory system—Continued				
81	Meningitis (not due to meningococcus)-----	2,009	1,982	1.4	1.4	94	Diseases of heart (all forms)—Continued				
	(a) Simple meningitis-----	1,946	1,935	1.4	1.4		Diseases of the coronary arteries and angina pectoris-----	154,131	137,153	107.5	98.0
	(b) Acute cerebrospinal meningitis (not due to meningococcus)-----	63	57	0.0	0.0		(a) Diseases of the coronary arteries-----	150,806	133,175	105.2	95.2
82	Diseases of the spinal cord (except locomotor ataxia and disseminated sclerosis)-----	2,619	2,586	1.8	1.8	95	(b) Angina pectoris-----	3,325	3,978	2.3	2.8
83	Intracranial lesions of vascular origin-----	131,039	125,646	91.4	89.8		Other diseases of the heart-----	34,150	33,209	23.8	23.7
	(a) Cerebral hemorrhage or effusion (excluding birth injuries)-----	111,725	108,998	77.9	77.9		(a) Functional diseases of the heart (without mention of organic lesion)-----	1,047	1,052	0.7	0.8
	(b) Cerebral embolism and thrombosis-----	15,448	12,698	10.8	9.1		(b) Other diseases of the heart, specified as rheumatic-----	7,093	6,461	4.9	4.6
	(c) Cerebral softening-----	773	716	0.5	0.5		(c) Other diseases of the heart, not specified as rheumatic-----	26,020	25,696	18.1	18.4
	(d) Hemiplegia and other paralysis of unspecified origin-----	3,093	3,234	2.2	2.3	96	Aneurysm (except of heart and aorta)-----	2,237	1,843	1.6	1.3
84	Mental diseases and deficiency (except general paralysis of the insane)-----	1,569	1,571	1.1	1.1	97	Arteriosclerosis (except coronary or renal sclerosis)-----	25,317	24,919	17.7	17.8
	(a) Mental deficiency-----	355	317	0.2	0.2	98	Congress-----	390	396	0.3	0.3
	(b) Schizophrenia (dementia praecox)-----	351	365	0.2	0.3	99	Other diseases of the arteries-----	2,040	2,019	1.4	1.4
	(c) Manic-depressive psychosis-----	186	213	0.1	0.2	100	Diseases of the veins-----	1,378	1,195	1.0	0.9
	(d) Other mental diseases-----	677	676	0.5	0.5		(a) Varicose-----	310	288	0.2	0.2
85	Epilepsy-----	2,247	2,346	1.6	1.7	101	(b) Other diseases of the veins-----	1,069	907	0.7	0.6
86	Convulsions (under 5 years of age)-----	304	357	0.2	0.3	102	Diseases of the lymphatic system-----	56	60	0.0	0.0
87	Other diseases of the nervous system-----	4,296	4,155	3.0	3.0	103	High blood pressure (idiopathic)-----	1,911	1,826	1.3	1.3
	(a) Chorea-----	15	15	0.0	0.0		Other diseases of the circulatory system-----	213	201	0.1	0.1
	(b) Neuritis (except rheumatic or alcoholic)-----	99	124	0.1	0.1		VIII.—Diseases of the respiratory system-----	68,771	67,184	48.0	46.0
	(c) Paralysis agitans (except result of encephalitis)-----	1,460	1,486	1.0	1.1	104	Diseases of the nasal fossae and accessory sinuses-----	454	501	0.3	0.4
	(d) Disseminated sclerosis-----	1,529	1,408	1.1	1.0		(a) Diseases of the nasal fossae-----	250	196	0.2	0.1
	(e) Other diseases of the nervous system-----	1,193	1,122	0.8	0.8	105	(b) Diseases of the accessory sinuses-----	204	305	0.1	0.2
88	Diseases of the organs of vision-----	52	43	0.0	0.0	106	Diseases of the larynx-----	290	272	0.2	0.2
89	Diseases of the ear and mastoid process-----	673	780	0.5	0.6		Bronchitis-----	3,467	3,094	2.4	2.2
	(a) Otitis and other diseases of the ear-----	542	600	0.4	0.4		(a) Acute-----	320	727	0.6	0.5
	(b) Diseases of the mastoid process-----	131	180	0.1	0.1		(b) Chronic-----	2,055	1,829	1.4	1.3
	VII.—Diseases of the circulatory system-----	494,113	461,687	344.5	330.0	107	(c) Unspecified-----	592	526	0.4	0.4
90-95	Diseases of heart (all forms)-----	460,580	429,230	321.2	306.8	108	Bronchopneumonia (including capillary bronchitis)-----	28,087	27,667	19.6	19.8
90	Pericarditis (except acute rheumatic)-----	521	520	0.4	0.4	109	Lober pneumonia-----	20,272	20,252	14.1	14.5
	(a) Chronic rheumatic pericarditis-----	22	13	0.0	0.0		Pneumonia (unspecified)-----	5,613	5,622	4.1	4.0
	(b) Other pericarditis-----	499	507	0.3	0.4		(A) Atypical or virus pneumonia-----	1,039	916	0.7	0.7
91	Acute endocarditis (except rheumatic)-----	1,202	1,474	0.8	1.1	110	(B) Pneumonia (all other, unspecified)-----	4,774	4,704	3.3	3.4
	(a) Bacterial endocarditis (acute, subacute, or unspecified)-----	786	921	0.5	0.7		Pleurisy (not specified as tuberculous)-----	1,172	1,248	0.8	0.9
	(b) Other acute or subacute endocarditis-----	320	385	0.2	0.3		(a) Empyema-----	504	570	0.4	0.4
	(c) Endocarditis (not specified as acute, chronic, or rheumatic, under 45 years of age)-----	96	158	0.1	0.1	111	(b) Other and unspecified forms of pleurisy-----	668	678	0.5	0.5
92	Chronic affections of the valves and endocardium-----	31,968	33,825	22.3	24.2		Hemorrhagic infarction, thrombosis, edema, and chronic congestion of the lungs-----	4,202	3,902	2.9	2.8
	(a) Diseases of the aortic valve (without mention of diseases of the mitral valve or rheumatic fever)-----	3,021	3,008	2.1	2.2		(a) Hemorrhagic infarction and thrombosis of the lungs-----	1,782	1,628	1.2	1.2
	(b) Diseases of the mitral valve (whether or not specified as rheumatic)-----	13,371	13,981	9.3	10.0		(b) Acute edema of the lungs-----	160	162	0.1	0.1
	(c) Diseases of other and unspecified valves and chronic endocarditis, specified as rheumatic-----	2,098	1,962	1.5	1.4		(c) Chronic and unspecified congestion of the lungs-----	2,260	2,111	1.6	1.5
	(d) Diseases of other and unspecified valves and chronic endocarditis, not specified as rheumatic-----	11,935	13,123	8.3	9.4	112	Asthma-----	2,712	2,558	1.9	1.8
	(e) Endocarditis (not specified as acute, chronic, or rheumatic, 45 years of age and over)-----	1,543	1,751	1.1	1.3	113	Pulmonary emphysema-----	328	254	0.2	0.2
93	Diseases of the myocardium-----	238,608	223,049	166.4	159.4	114	Other diseases of the respiratory system (except tuberculosis)-----	1,974	1,827	1.4	1.3
	(a) Acute myocarditis (except rheumatic)-----	3,278	3,329	2.3	2.4		(a) Silicosis-----	453	386	0.3	0.3
	(b) Myocarditis (not specified as acute, chronic, or rheumatic, under 45 years of age)-----	540	430	0.2	0.3		(b) Other and unspecified forms of pneumoconiosis-----	159	124	0.1	0.1
	(c) Chronic myocarditis and myocardial degeneration, specified as rheumatic-----	1,293	1,142	0.9	0.8		(c) Gangrene of lung-----	62	84	0.0	0.1
	(d) Chronic myocarditis and myocardial degeneration, not specified as rheumatic-----	218,111	201,652	152.1	144.2		(d) Abscess of lung-----	491	546	0.3	0.4
	(e) Other myocarditis (not specified as acute, chronic, or rheumatic)-----	15,586	18,498	10.9	11.8		(e) Other and unspecified diseases of the respiratory system-----	809	707	0.6	0.5
							IX.—Diseases of the digestive system-----	62,055	61,031	43.3	43.6
						115	Diseases of the buccal cavity, pharynx, tonsils, and adenae-----	1,360	1,714	0.9	1.2
							(a) Diseases of the teeth and gums-----	95	126	0.1	0.1
							(b) Septic sore throat-----	407	556	0.3	0.4
							(c) Diseases of the pharynx and tonsils-----	747	878	0.5	0.6
							(d) Diseases of other and unspecified parts of the buccal cavity and adenae-----	111	154	0.1	0.1
						116	Diseases of the esophagus-----	245	236	0.2	0.2
						117	Ulcer of stomach or duodenum-----	8,611	8,164	6.0	5.8
							(a) Stomach-----	5,333	5,312	3.7	3.8
							(b) Duodenum-----	3,278	2,852	2.3	2.0
						118	Other diseases of the stomach (except cancer)-----	1,342	1,435	0.9	1.0
						119	Diarrhea, enteritis, and ulceration of the intestines (under 2 years of age)-----	6,046	6,019	4.2	4.3
							(a) Diarrhea and enteritis-----	5,998	5,972	4.2	4.3
							(b) Ulceration of the intestines (except duodenum)-----	48	47	0.0	0.0

VITAL STATISTICS OF THE UNITED STATES

TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1946 AND 1947—Continued

(See headnote on p. 13)

Int. List No.	CAUSE OF DEATH	NUMBER		RATE		Int. List No.	CAUSE OF DEATH	NUMBER		RATE	
		1947	1946	1947	1946			1947	1946	1947	1946
	IX.—Diseases of the digestive system—Continued						XI.—Diseases of pregnancy, childbirth, and the puerperium—Continued				
120	Diarrhea, enteritis, and ulceration of the intestines (2 years of age and over)-----	2,023	2,071	1.4	1.5		Abortion without mention of infection—Continued				
	(a) Diarrhea and enteritis-----	1,328	1,379	0.9	1.0		(c) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of toxemia (but not hemorrhage, trauma or shock)-----	55	76	0.0	0.1
	(b) Ulceration of the intestines (except duodenum)-----	695	692	0.5	0.5		(d) Abortion (spontaneous, therapeutic, or of unspecified origin) (without mention of hemorrhage, trauma or shock, or toxemia)-----	63	84	0.0	0.1
121	Appendicitis-----	4,786	5,285	3.3	3.8		(e) Self-induced abortion-----	11	9	0.0	0.0
122	Hernia and intestinal obstruction-----	10,764	11,221	7.5	8.0		(f) Abortion (induced for nontherapeutic reasons by persons other than the woman herself)-----	7	19	0.0	0.0
	(a) Hernia-----	4,492	4,782	3.1	3.4	142	Retopic gestation-----	300	329	0.2	0.2
	(b) Intestinal obstruction-----	6,272	6,439	4.4	4.6		(a) With mention of infection-----	51	71	0.0	0.1
123	Other diseases of the intestines-----	1,876	1,707	1.3	1.2		(b) Without mention of infection-----	249	259	0.2	0.2
124	Cirrhosis of the liver-----	14,940	13,451	10.4	9.6	143	Hemorrhage of pregnancy (death before delivery)-----	62	59	0.0	0.0
	(a) With mention of alcoholism-----	2,228	1,807	1.6	1.3		(a) Placenta praevia-----	18	19	0.0	0.0
	(b) Without mention of alcoholism-----	12,712	11,644	8.8	8.3		(b) Premature separation of placenta-----	17	19	0.0	0.0
125	Other diseases of the liver-----	1,845	1,792	1.3	1.3		(c) Other or unspecified hemorrhage of pregnancy-----	27	21	0.0	0.0
	(a) Acute yellow atrophy of the liver (nonpuerperal)-----	735	724	0.5	0.5	144	Toxemia of pregnancy (death before delivery)-----	497	475	0.3	0.3
	(b) Other diseases of the liver-----	1,109	1,068	0.8	0.8		(a) Eclampsia of pregnancy-----	259	248	0.2	0.2
126	Biliary calculi-----	3,663	3,632	2.7	2.6		(b) Albuminuria and nephritis of pregnancy-----	111	100	0.1	0.1
127	Other diseases of the gallbladder and biliary ducts-----	2,445	2,518	1.7	1.8	145	(c) Acute yellow atrophy of liver (during pregnancy)-----	13	17	0.0	0.0
	(a) Cholecystitis (without mention of biliary calculus)-----	1,641	1,656	1.1	1.2		(d) Other toxemia of pregnancy-----	114	110	0.1	0.1
	(b) Other diseases of the gallbladder and biliary ducts-----	804	862	0.6	0.6	146	Other diseases and accidents of pregnancy (death before delivery)-----	255	257	0.2	0.2
128	Diseases of the pancreas (except diabetes mellitus)-----	1,039	997	0.7	0.6		(A) With mention of infection-----	162	168	0.1	0.1
129	Peritonitis (cause not stated)-----	870	869	0.6	0.6		(B) Without mention of infection-----	93	89	0.1	0.1
	X.—Diseases of the genitourinary system-----	93,963	95,778	85.5	68.5	147	Hemorrhage of childbirth and the puerperium-----	780	789	0.5	0.6
130	Acute nephritis-----	2,114	2,397	1.5	1.7		(a) Placenta praevia (with childbirth)-----	125	155	0.1	0.1
131	Chronic nephritis-----	74,286	75,256	51.8	53.8		(b) Premature separation of placenta (with childbirth)-----	163	162	0.1	0.1
	(a) Arteriosclerotic kidney-----	56,681	56,095	39.5	40.1	148	(c) Other and unspecified hemorrhages of childbirth and the puerperium-----	500	472	0.3	0.3
	(b) Other chronic nephritis-----	17,605	19,161	12.3	13.7		Infection during childbirth and the puerperium-----	1,006	1,056	0.7	0.8
132	Nephritis unspecified (10 years of age and over)-----	3,878	4,048	2.7	2.9		(a) Puerperal pyelitis and pyelonephritis-----	22	29	0.0	0.0
133	Other diseases of the kidneys and ureters (except diseases associated with pregnancy, childbirth, or the puerperium)-----	3,098	2,950	2.2	2.1	149	(b) General or local puerperal infection (except pyelitis)-----	339	374	0.2	0.3
	(a) Pyelitis pyelonephritis, and pyelocystitis-----	2,225	2,071	1.6	1.5		(c) Puerperal thrombophlebitis-----	158	169	0.1	0.1
	(b) Other diseases of the kidneys and ureters-----	873	879	0.6	0.6		(d) Puerperal embolism and sudden death-----	487	464	0.3	0.3
134	Calculi of the urinary passages-----	1,398	1,398	1.0	1.0	150	Puerperal toxemia (excluding death before delivery)-----	794	737	0.5	0.5
	(a) Kidneys and ureters-----	1,123	1,118	0.8	0.8		(a) Puerperal eclampsia-----	437	396	0.3	0.3
	(b) Bladder-----	247	254	0.2	0.2		(b) Puerperal albuminuria and nephritis-----	174	192	0.1	0.1
	(c) Other and unspecified parts of the urinary passages-----	26	26	0.0	0.0	151	(c) Acute yellow atrophy of the liver (puerperal)-----	29	31	0.0	0.0
135	Diseases of the urinary bladder-----	605	623	0.4	0.4		(d) Other puerperal toxemia-----	145	118	0.1	0.1
	(a) Cystitis-----	301	193	0.1	0.1	152	Other accidents and specified conditions of childbirth-----	375	395	0.3	0.3
	(b) Other diseases of the bladder-----	404	430	0.3	0.3		(a) Laceration, rupture, or other trauma of pelvic organs and tissue-----	98	87	0.1	0.1
136	Diseases of the urethra (except calculus)-----	328	309	0.2	0.2		(b) Other specified conditions of childbirth-----	278	308	0.2	0.2
	(a) Stricture of the urethra-----	176	184	0.1	0.1	153	Other and unspecified conditions of childbirth and the puerperium-----	325	296	0.2	0.2
	(b) Others under this title-----	152	125	0.1	0.1		(a) Infection of breast during lactation-----	1	1	0.0	0.0
137	Diseases of the prostate-----	7,092	7,361	4.9	5.3		(b) Psychosis of the puerperium-----	12	9	0.0	0.0
	(a) Hypertrophy of the prostate-----	6,089	6,298	4.2	4.5	154	(c) Other and unspecified conditions of childbirth and the puerperium-----	312	286	0.2	0.2
	(b) Other diseases of the prostate-----	1,003	1,073	0.7	0.8	155	XII.—Diseases of the skin and cellular tissue-----	954	926	0.7	0.7
138	Diseases of other male genital organs (not specified as venereal)-----	27	30	0.0	0.0	151	Carbuncle and furuncle-----	49	73	0.0	0.1
139	Diseases of the female genital organs-----	1,137	1,408	0.8	1.0	152	Phlegmon and acute abscess-----	134	187	0.1	0.1
	(a) Ovaries, fallopian tubes, and parametria-----	640	804	0.4	0.6	153	Other diseases of the skin and cellular tissue-----	771	666	0.5	0.5
	(b) Uterus-----	475	565	0.3	0.4	154	XIII.—Diseases of the bones and organs of movement-----	726	765	0.5	0.5
	(c) Other and unspecified female genital organs-----	22	36	0.0	0.0		Osteomyelitis and periostitis-----	190	249	0.1	0.2
	XI.—Diseases of pregnancy, childbirth, and the puerperium-----	4,978	5,153	3.5	3.7	155	(a) Acute-----	6	12	0.0	0.0
140	Abortion with mention of infection-----	372	476	0.3	0.3		(b) Chronic or unspecified-----	184	237	0.1	0.2
	(a) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of pyelitis-----	6	9	0.0	0.0	155	Other diseases of the bones (except tuberculosis)-----	206	170	0.1	0.1
	(b) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of other infection-----	279	354	0.2	0.3	156	Diseases of the joints and other organs of movement-----	330	346	0.2	0.2
	(c) Self-induced abortion with mention of infection-----	29	43	0.0	0.0		(a) Diseases of the joints (except tuberculosis and rheumatism)-----	64	64	0.0	0.0
	(d) Abortion (induced for nontherapeutic reasons by persons other than the woman herself) with mention of infection-----	56	70	0.0	0.1		(b) Diseases of other and unspecified organs of movement-----	266	282	0.2	0.2
141	Abortion without mention of infection-----	213	284	0.1	0.2						
	(a) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of hemorrhage, trauma or shock, and toxemia-----	4	8	0.0	0.0						
	(b) Abortion (spontaneous, therapeutic, or of unspecified origin) with mention of hemorrhage, trauma or shock (but not toxemia)-----	73	88	0.1	0.1						

SUMMARY AND RATE TABLES

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TABLE IX.—DEATHS FROM EACH CAUSE AND CRUDE DEATH RATES: UNITED STATES, 1946 AND 1947—Continued

(See headnote on p. 15)

Int. List No.	CAUSE OF DEATH	NUMBER		RATE		Int. List No.	CAUSE OF DEATH	NUMBER		RATE	
		1947	1946	1947	1946			1947	1946	1947	1946
157	XIV.—Congenital malformations—	20,315	17,749	14.2	12.7	171	XVII.—Violent or accidental deaths—Continued				
	Congenital malformations (still-births not included)-----	20,315	17,749	14.2	12.7		Accidental deaths—Continued				
	Congenital malformations of the central nervous system-----						Motor-vehicle accidents—Continued				
	(a) Congenital hydrocephalus-----	2,977	2,650	2.1	1.9		(b) Collisions between automobiles and streetcars-----	102	174	0.1	0.1
	(b) Spina bifida and meningocele-----	1,398	1,310	1.0	0.9		(c) Automobile accidents (except collisions with trains or streetcars)-----	30,074	30,827	21.0	22.0
	(c) Anencephalus-----	562	537	0.4	0.4		(d) Motorcycle accidents (except collisions with automobiles)-----	783	707	0.5	0.5
	(d) Other congenital malformations of the central nervous system-----	1,055	875	0.7	0.6		Streetcar and other road-transport accidents-----	597	734	0.4	0.5
	Congenital malformations of the cardiovascular system-----						(a) Streetcar accidents (except collisions with trains or motor vehicles)-----	422	544	0.3	0.4
	(e) Congenital malformations of the heart-----	9,413	8,299	6.6	5.9		(b) Other and unspecified road-transport accidents-----	175	190	0.1	0.1
	(f) Other congenital malformations of the cardiovascular system-----	207	165	0.1	0.1		Water-transport accidents-----	1,244	1,055	0.9	0.8
	(g) Congenital malformations of the digestive system-----	3,345	2,855	2.3	2.0		Air-transport accidents-----	2,013	1,851	1.4	1.3
	(h) Congenital malformations of the genito-urinary system-----	409	242	0.3	0.2		Accidents in mines and quarries-----	1,509	1,275	1.1	0.9
	(n) Other and unspecified congenital malformations-----	949	816	0.7	0.6		Agricultural and forestry accidents-----	2,287	2,453	1.6	1.8
							(a) Accidents involving agricultural machinery and vehicles-----	914	970	0.6	0.7
					(b) Injury by animals, in agriculture-----	278	297	0.2	0.2		
					(c) Other agricultural accidents-----	666	780	0.5	0.6		
					(d) Accidents involving forestry machinery and vehicles-----	62	69	0.0	0.0		
					(e) Other forestry accidents-----	357	337	0.3	0.2		
					Other accidents involving machinery-----	1,208	1,173	0.8	0.8		
					Food poisoning-----	318	369	0.2	0.3		
					Accidental absorption of poisonous gases-----	1,958	1,874	1.4	1.3		
					(A) Utility gas-----	1,009	1,043	0.7	0.7		
					(B) Motor-vehicle exhaust gas-----	285	236	0.2	0.2		
					(C) Other carbon monoxide gas-----	354	354	0.2	0.3		
					(X) Other poisonous gases-----	290	241	0.2	0.2		
					Acute accidental poisoning by solids or liquids-----	1,504	1,536	1.0	1.1		
					(A) Arsenic and compounds-----	48	83	0.0	0.0		
					(B) Barbituric acid and derivatives-----	418	436	0.3	0.3		
					(C) Cresol compounds-----	7	19	0.0	0.0		
					(D) Mercury and compounds-----	25	27	0.0	0.0		
					(E) Flux vomica and strychnine-----	37	45	0.0	0.0		
					(F) Carbolic acid and phenol-----	11	16	0.0	0.0		
					(G) Lye and potash-----	72	90	0.1	0.1		
					(H) Tobacco and derivatives-----	10	11	0.0	0.0		
					(M) Narcotics-----	28	20	0.0	0.0		
					(O) Methanol and other alcohols-----	178	139	0.1	0.1		
					Confederation-----	670	670	0.5	0.5		
					Accidental burns (except conflagration)-----	3,315	3,017	2.3	2.2		
					Accidental mechanical suffocation-----	4,685	4,656	3.3	3.5		
					Accidental drowning-----	1,930	1,605	1.3	1.1		
					Accidental injury by firearms-----	5,737	5,577	4.0	4.0		
					Accidental injury by cutting or piercing instruments-----	2,386	2,816	1.7	2.0		
					Accidental injury by fall or crushing-----						
					(a) Fall-----	285	317	0.2	0.2		
					(b) Crushing-----	24,397	23,028	17.0	16.5		
					(c) Crushing-----	23,981	22,581	16.7	16.1		
					(d) Crushing-----	436	447	0.3	0.3		
					Cataclysm (all deaths attributed to a cataclysm, regardless of their nature)-----	393	148	0.3	0.1		
					Injury by animals (not specified as venomous or occurring in the course of agricultural and forestry operations)-----	113	142	0.1	0.1		
					Hunger or thirst-----	25	27	0.0	0.0		
					Excessive cold-----	270	193	0.2	0.1		
					Excessive heat-----	540	182	0.4	0.1		
					Lightning-----	338	231	0.2	0.2		
					Accidents due to electric currents (except lightning)-----	867	725	0.6	0.5		
					Poisoning by venomous animals (not occurring in the course of agricultural and forestry operations)-----	64	62	0.0	0.0		
					Other accidents-----	6,255	6,441	4.4	4.6		
					(a) Sequelae of preventive immunization, inoculation, or vaccination-----	15	19	0.0	0.0		
					(b) Other accidents due to medical or surgical intervention-----	44	47	0.0	0.0		
					(c) Lack of care of the newborn-----	28	46	0.0	0.0		
					(d) Obstruction, suffocation, or puncture by ingested objects-----	1,208	1,076	0.8	0.8		
					(e) Other and unspecified accidents-----	4,980	5,253	3.5	3.8		
					Deaths of military personnel during operations of war-----	-	20	0	0.0		
					Deaths of civilians due to operations of war-----	-	1	0	0.0		
					Legal executions-----	153	129	0.1	0.1		
					XVIII.—Ill-defined and unknown causes-----	17,850	17,580	12.4	12.6		
					Sudden death-----	1,149	1,055	0.8	0.8		
					Ill-defined and unknown causes-----	16,701	16,525	11.6	11.8		
					(a) Ill-defined-----	7,511	6,931	5.2	5.0		
					(b) Found dead (cause unknown)-----	684	693	0.5	0.5		
					(c) Unknown or unspecified cause-----	8,496	8,901	5.9	6.4		
158	Congenital debility (cause not stated)-----	1,718	1,797	1.2	1.3	172					
159	Premature birth (cause not stated)-----	41,053	39,824	28.6	28.5	173					
160	Injury at birth-----	13,075	11,738	9.1	8.4	174					
161	(a) Intracranial or spinal hemorrhage-----	5,683	4,970	4.0	3.6	175					
	(b) Other intracranial or spinal injuries-----	833	675	0.6	0.5	176					
	(c) Other injuries at birth-----	6,559	6,095	4.6	4.4	177					
161	Other diseases peculiar to the first year of life-----	9,462	8,379	6.6	6.0	178					
	(a) Anaphylaxia (cause not specified), atelectasis-----	3,756	4,825	4.0	5.4	179					
	(b) Infection of the umbilicus; pemphigus and other infections (nonsyphilitic)-----	168	149	0.1	0.1						
(c) Other specified diseases peculiar to the first year of life-----	3,538	3,405	2.5	2.4							
162	XVI.—Senility-----	9,706	10,027	6.8	7.2						
162	Senility-----	9,706	10,027	6.8	7.2	180					
	(a) Senility with mention of senile dementia-----	938	973	0.7	0.7	181					
(b) Senility without mention of senile dementia-----	8,768	9,054	6.1	6.5	182						
163,164	XVII.—Violent or accidental deaths-----	124,825	123,119	87.0	86.0	183					
165	Suicide-----	16,538	16,152	11.5	11.5	184					
165	Suicide by poisoning-----	3,690	3,859	2.6	2.8	185					
	Suicide by solid or liquid poisons-----					186					
	(A) Arsenic and compounds-----	138	167	0.1	0.1	187					
	(B) Barbituric acid and derivatives-----	558	538	0.4	0.4	188					
	(C) Cresol compounds-----	53	76	0.0	0.1	189					
	(D) Mercury and compounds-----	90	107	0.1	0.1	190					
	(E) Flux vomica and strychnine-----	135	135	0.1	0.1	191					
	(F) Carbolic acid and phenol-----	150	145	0.1	0.1	192					
	(G) Other solid or liquid poisons-----	758	796	0.5	0.6	193					
	Suicide by poisonous gases-----					194					
(H) Utility gas-----	1,202	1,303	0.8	0.9	195						
(M) Motor-vehicle exhaust gas-----	491	481	0.3	0.3							
(O) Other carbon monoxide gas-----	79	62	0.1	0.0							
(I) Other poisonous gases-----	46	49	0.0	0.0							
164	Suicide by other means-----	12,848	12,293	9.0	8.8						
(a) Suicide by hanging or strangulation-----	3,750	3,599	2.6	2.6							
(b) Suicide by drowning-----	781	765	0.5	0.5							
(c) Suicide by firearms and explosives-----	6,881	6,276	4.6	4.5							
(d) Suicide by cutting or piercing instruments-----	678	718	0.5	0.5							
(e) Suicide by jumping from high places-----	627	634	0.4	0.5							
(f) Suicide by crushing-----	161	170	0.1	0.1							
(g) Suicide by other or unspecified means-----	160	151	0.1	0.1							
165-169	Homicide-----	8,555	8,794	6.0	6.3						
165	Infanticide (homicide of infants under 1 year of age)-----	1(174)	1(134)	1(0.1)	1(0.1)	196					
166	Homicide by firearms-----	4,922	4,865	3.4	3.5	197					
167	Homicide by cutting or piercing instruments-----	1,931	2,189	1.4	1.5	198					
168	Homicide by other means-----	1,652	1,689	1.2	1.2						
169-195	Accidental deaths-----	99,579	98,033	69.4	70.1						
169	Railway accidents (except collisions with motor vehicles)-----	2,663	2,937	1.9	2.1	199					
170	Motor-vehicle accidents-----	32,697	33,411	22.8	23.9	200					
(a) Collisions between automobiles and trains-----	1,736	1,703	1.2	1.2							

¹Included in figures for homicide.

VITAL STATISTICS OF THE UNITED STATES

TABLE X.—CRUDE DEATH RATES FOR SELECTED

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

YEAR	Total	Typhoid and para-typhoid fever	Cerebro-spinal (meningococcus) meningitis	Scarlet fever	Whooping cough	Diphtheria	Tuberculosis (all forms)	Dysentery	Malaria	Syphilis ¹	Measles	Poliomyelitis, polio-encephalitis (acute)	Cancer and other malignant tumors	Acute rheumatic fever	Diabetes mellitus
		1,2	6	8	9	10	13-22	27	28	30	35	38	43-55	59	61
1 1947 ⁷ -----	1,007.8	0.2	0.6	0.1	1.4	0.6	35.5	0.6	0.1	8.8	0.3	0.4	152.4	0.7	26.2
2 1946 ⁷ -----	997.6	0.3	0.9	0.1	0.9	0.9	36.4	0.7	0.2	9.5	0.9	1.5	150.1	0.8	24.8
3 1945 ⁷ -----	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	154.4	1.0	26.6
4 1944 ⁷ -----	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	159.1	1.1	26.4
5 1943 ⁷ -----	1,069.5	0.5	2.2	0.3	2.5	0.9	42.6	1.4	0.5	12.1	1.0	0.9	154.5	1.1	27.1
6 1942 ⁷ -----	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	152.1	1.1	25.4
7 1941 ⁷ -----	1,050.4	0.6	0.5	0.3	2.8	1.0	44.5	1.8	0.9	13.3	1.7	0.6	150.2	1.2	25.5
8 1940 ⁷ -----	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	150.0	1.5	26.5
9 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
10 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	25.9
11 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	25.7
12 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	25.7
13 1935-----	1,094.5	2.6	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
14 1934-----	1,105.4	3.4	1.0	2.0	3.9	3.3	55.7	2.7	3.6	15.9	5.5	0.7	106.4	1.8	22.2
15 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
16 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
17 1931-----	1,106.5	4.5	2.4	2.2	3.9	4.8	67.8	2.0	2.1	15.4	3.0	1.9	99.0	2.2	20.4
18 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
19 1929-----	1,187.8	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
20 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
21 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
22 1926-----	1,211.0	6.4	1.3	2.5	8.8	7.4	85.5	2.7	1.9	17.1	9.3	0.8	94.6	2.7	17.9
23 1925-----	1,169.1	7.6	1.0	2.7	6.7	7.6	84.8	3.1	2.0	17.3	2.3	1.5	92.0	2.7	16.8
24 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
25 1923-----	1,213.0	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
26 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
27 1921-----	1,149.8	6.8	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
28 1920-----	1,298.9	7.6	1.6	4.6	12.5	15.3	113.1	4.0	3.4	16.5	8.8	0.9	83.4	3.8	16.1
29 1919-----	1,289.4	9.2	1.8	2.8	5.6	14.9	125.6	4.3	3.8	16.2	3.9	0.9	81.0	3.4	15.0
30 1918-----	1,810.0	12.3	3.4	3.1	17.0	14.0	149.8	5.6	3.0	18.7	10.8	1.2	80.8	3.9	16.1
31 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
32 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
33 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
34 1914-----	1,330.2	14.7	1.7	6.6	10.2	17.2	141.7	4.3	1.7	16.7	6.8	1.1	76.7	5.3	16.2
35 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
36 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
37 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
38 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
39 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
40 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
41 1907-----	1,592.5	28.2	-----	9.3	11.3	24.2	174.2	6.1	1.8	12.4	9.6	-----	71.4	5.5	14.2
42 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
43 1905-----	1,598.9	22.4	-----	6.8	6.9	23.5	179.9	8.3	2.5	13.8	7.4	-----	73.4	5.8	14.1
44 1904-----	1,640.0	25.9	-----	11.6	5.8	29.3	188.1	8.1	2.9	13.9	11.3	-----	71.5	6.4	14.2
45 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
46 1902-----	1,543.1	26.4	-----	11.9	12.4	29.8	174.2	10.1	4.0	12.9	9.3	-----	66.3	4.3	11.7
47 1901-----	1,641.5	27.6	-----	13.8	8.7	33.5	189.9	11.1	5.0	12.5	7.4	-----	66.4	4.9	11.6
48 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

¹Excludes aneurysm for 1900-1920. Includes aneurysm (except of heart) for 1921-33, Inc., aneurysm of the aorta for 1933-47, inclusive.²Includes all embolism and thrombosis, except puerperal, for 1900-1920, inclusive.³Includes diseases of coronary arteries for 1900-1929, inclusive.⁴Includes capillary bronchitis for 1921-47, inclusive.⁵Includes automobile collisions with trains and streetcars, and motorcycle accidents for 1906-25, inclusive.⁶Includes legal executions for 1900-1921, inclusive.⁷Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

SUMMARY AND RATE TABLES

CAUSES: DEATH-REGISTRATION STATES, 1900-1947

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

Pellagra (except alcoholic)	Intra-cranial lesions of vascular origin ²	Diseases of the heart ³	Pneumonia (all forms) and influenza ⁴	Diarrhea, enteritis, and ulceration of intestine	Nephritis	Diseases of pregnancy, childbirth, and the puerperium	Congenital malformations and diseases peculiar to the first year (except premature birth)	Premature birth	Suicide	Homicide	Motor-vehicle accidents ⁵	Other accidents ⁶	Senility, ill-defined and unknown causes	All other causes	
89	83	90-95	107-109, 35	119, 120	130-152	140-150	157, 158, 160, 161	159	163, 164	165-168	170	169, 171-195	162, 199, 200		
0.5	91.4	321.2	45.1	5.6	56.0	3.5	51.1	28.6	11.5	6.0	22.8	46.6	19.2	114.6	1
0.6	89.8	306.8	44.5	5.8	58.4	3.7	28.4	28.5	11.5	6.3	23.9	46.2	19.7	115.9	2
0.7	97.8	321.4	51.8	8.7	66.7	4.3	26.8	23.9	11.2	5.6	21.3	51.4	22.0	128.2	3
0.8	93.7	315.4	61.7	9.9	69.2	4.6	27.4	25.0	10.0	4.9	18.3	53.5	22.3	129.3	4
1.0	95.0	318.3	67.3	9.6	74.1	5.4	28.1	25.8	10.2	5.0	17.8	56.1	23.5	134.8	5
1.1	90.2	295.2	55.7	8.8	72.4	5.4	27.5	25.8	12.0	5.8	21.2	50.5	22.3	128.5	6
1.4	89.1	290.2	65.9	10.5	75.1	6.0	25.6	25.1	12.9	6.0	30.0	48.3	22.3	130.9	7
1.6	90.8	281.9	70.1	10.3	81.4	6.7	24.5	24.5	14.5	6.2	26.1	47.3	23.7	136.9	8
1.8	87.8	275.5	75.7	11.6	82.9	7.0	23.7	24.6	14.1	6.4	24.7	46.0	22.3	138.4	9
2.5	85.9	269.7	80.4	14.3	77.4	7.7	23.5	25.2	15.3	6.8	25.1	47.2	22.5	139.0	10
2.5	86.7	268.9	114.9	14.7	79.9	8.4	23.1	26.1	15.0	7.6	30.8	50.9	23.7	147.4	11
2.9	91.0	266.6	119.6	16.4	85.5	9.5	23.6	26.3	14.3	8.0	29.7	56.2	25.4	154.9	12
2.8	85.7	245.4	104.2	14.1	81.3	9.9	23.5	26.0	14.3	8.3	28.6	49.8	24.0	150.6	13
2.9	85.5	240.3	96.9	18.4	84.3	10.2	25.2	27.8	14.9	9.5	28.6	51.3	25.2	153.3	14
3.1	84.1	228.0	95.7	17.3	85.0	10.3	24.4	26.2	15.9	9.7	25.0	47.4	26.6	148.6	15
3.0	87.5	224.1	107.3	16.1	87.4	11.0	25.6	27.5	17.4	9.0	23.6	47.7	25.8	148.0	16
4.2	86.8	213.4	107.5	20.5	87.4	11.9	27.6	28.8	16.8	9.2	27.1	51.3	27.1	155.5	17
5.2	89.0	214.2	102.5	26.0	91.0	12.7	29.3	31.5	15.6	8.8	26.7	53.8	30.4	159.5	18
5.7	90.8	211.2	146.5	23.3	91.1	13.1	29.2	32.9	13.9	8.4	25.5	55.0	31.0	169.7	19
6.0	92.0	207.7	142.5	28.4	94.9	13.6	30.7	34.5	13.5	8.6	23.2	55.6	31.6	171.1	20
4.8	88.1	195.3	102.2	27.1	91.7	13.5	32.2	34.8	13.2	8.4	21.6	56.2	27.6	169.0	21
3.4	91.3	198.6	141.7	32.9	97.3	14.1	34.2	36.6	12.6	8.4	19.9	58.1	28.8	175.2	22
3.0	89.5	184.8	121.7	38.6	95.0	14.5	36.1	36.9	12.0	8.3	16.8	60.6	28.8	173.1	23
2.2	97.2	175.7	115.2	33.7	87.8	15.1	37.4	39.2	11.9	8.1	15.3	59.4	29.4	173.0	24
2.3	95.7	174.0	151.7	39.1	89.0	15.3	37.9	38.8	11.5	7.8	14.6	60.7	30.1	175.5	25
2.7	92.1	165.0	132.3	38.9	87.7	15.5	37.9	39.4	11.7	8.0	12.4	56.7	30.2	174.4	26
2.7	89.2	156.2	98.7	50.7	84.3	16.6	41.5	41.7	12.4	8.1	11.3	56.5	27.9	175.3	27
2.5	93.0	158.6	207.3	55.7	86.8	19.0	40.8	43.6	10.2	6.8	10.5	60.7	31.7	179.3	28
3.1	89.9	147.9	223.0	55.2	88.2	16.9	39.2	40.9	11.5	7.2	9.3	62.8	32.7	173.2	29
4.0	94.0	171.6	588.5	72.2	97.4	22.3	45.0	47.3	12.3	6.5	9.3	73.2	34.0	182.7	30
4.0	95.9	169.9	164.5	75.2	104.9	16.4	45.0	48.1	13.0	6.9	8.6	78.4	34.2	188.1	31
2.7	94.7	167.2	163.3	75.5	105.1	15.9	47.0	46.4	13.7	6.3	7.1	75.5	32.9	198.0	32
1.1	94.5	163.9	145.9	67.5	101.5	14.7	48.4	43.2	18.2	5.9	5.8	68.7	29.0	189.0	33
1.0	93.6	158.2	138.4	75.1	99.2	15.3	51.9	42.8	16.1	6.2	4.2	75.5	31.5	206.5	34
0.7	91.1	154.6	140.8	86.7	99.7	15.4	54.9	43.2	15.4	6.1	3.8	80.9	35.9	216.2	35
0.4	91.9	188.7	138.4	79.6	99.7	14.4	53.6	41.6	15.6	5.4	2.8	79.0	34.8	219.6	36
0.3	91.8	186.4	145.4	86.8	94.2	15.5	52.9	39.8	16.0	5.5	2.1	82.3	35.1	223.1	37
0.1	95.8	188.9	155.9	115.4	94.8	15.3	50.5	37.7	15.3	4.6	1.8	82.7	47.5	237.4	38
0.0	95.5	153.0	148.1	101.8	92.5	15.1	51.7	38.5	16.0	4.2	1.2	78.7	80.3	239.6	39
0	85.6	152.0	150.9	112.5	91.0	15.6	55.7	35.9	16.8	4.8	0.8	82.1	88.0	245.0	40
0	104.5	166.6	180.0	115.0	100.9	15.6	57.9	36.3	14.5	4.9	0.7	94.1	64.0	269.3	41
0	98.6	154.2	156.3	123.6	95.9	15.2	58.3	35.1	12.8	3.9	0.4	94.0	71.3	270.2	42
0	105.9	161.9	169.3	118.4	101.2	14.9	53.6	33.3	13.5	2.1	-----	81.3	75.5	281.3	43
0	108.6	163.7	192.1	111.5	102.4	15.1	43.8	35.5	12.2	1.3	-----	85.4	79.8	301.6	44
0.0	105.2	151.8	169.3	100.3	96.3	13.3	42.5	32.8	11.3	1.1	-----	81.4	82.3	295.9	45
0	103.9	145.4	161.3	104.8	90.6	12.8	41.3	32.0	10.3	1.2	-----	72.6	81.5	307.1	46
0	106.9	140.0	197.2	118.5	89.9	13.4	40.1	30.4	10.4	1.2	-----	83.8	100.3	317.2	47
0.0	106.9	137.4	202.2	142.7	88.6	13.4	42.3	32.4	10.2	1.2	-----	72.3	117.5	340.5	48

VITAL STATISTICS OF THE UNITED STATES

TABLE XI—CRUDE DEATH RATES FOR SELECTED CAUSES, BY PLACE

(Exclusive of stillbirths and of deaths among armed forces overseas. Rates per 100,000 estimated total midyear)

AREA	Total	Typhoid and paratyphoid fever	Cerebrospinal (meningococcus) meningitis	Scarlet fever	Whooping cough	Diphtheria	Tuberculosis (all forms)	Dysentery	Malaria	Syphilis	Measles	Poliomyelitis, poliomyelitis (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	1,007.8	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
GEOGRAPHIC DIVISIONS															
2 New England	1,092.2	0.1	0.5	0.1	0.5	0.3	29.7	0.3	0.0	5.9	0.5	0.3	167.2	0.4	34.1
3 Middle Atlantic	1,079.6	0.1	0.5	0.1	0.6	0.2	35.2	0.2	0.0	8.5	0.2	0.3	161.3	0.8	39.1
4 East North Central	1,050.1	0.1	0.7	0.1	1.0	0.3	29.3	0.2	0.0	8.6	0.2	0.4	144.6	0.6	29.9
5 West North Central	1,031.4	0.2	0.5	0.1	1.3	0.4	21.5	0.3	0.1	7.5	0.2	0.6	140.1	0.7	25.7
6 South Atlantic	939.2	0.3	0.9	0.1	2.0	0.9	37.6	0.6	0.2	11.0	0.6	0.4	98.0	1.0	19.4
7 East South Central	958.4	0.4	0.9	0.1	3.4	1.2	45.3	1.2	0.5	9.0	0.5	0.3	93.4	1.2	15.2
8 West South Central	870.3	0.5	0.5	0.0	2.6	1.0	39.1	2.5	0.5	10.2	0.2	0.3	98.1	0.6	15.3
9 Mountain	993.0	0.3	0.6	0.2	2.2	1.3	39.4	1.5	0	8.2	1.4	0.9	108.6	1.0	16.6
10 Pacific	963.8	0.2	0.7	0.0	0.5	0.5	31.8	0.3	0.0	9.0	0.1	0.5	134.5	0.3	20.2
NEW ENGLAND															
11 Maine	1,125.3	0.1	0.9	0	1.4	0.5	21.8	0	0	6.2	1.6	0	160.5	1.1	25.2
12 New Hampshire	1,159.9	0.2	0.6	0.2	0.6	0.2	15.5	0	0.4	5.2	0	0.2	168.7	0.4	41.6
13 Vermont	1,196.2	0.3	0.3	0.5	1.4	0.3	32.5	0.3	0	3.3	1.9	0.3	156.8	0.3	31.1
14 Massachusetts	1,116.6	0.1	0.3	0.1	0.3	0.3	34.2	0.5	0.0	6.1	0.3	0.2	173.3	0.4	35.0
15 Rhode Island	1,123.2	0.4	0.5	0	0.5	0.7	31.3	0	0	6.0	0.8	0.7	166.6	0.1	38.8
16 Connecticut	970.3	0.1	0.5	0	0.2	0.1	25.5	0.1	0	6.0	0.3	0.4	157.3	0.3	32.9
MIDDLE ATLANTIC															
17 New York	1,115.5	0.1	0.5	0.0	0.3	0.2	37.3	0.2	0.0	9.3	0.0	0.3	174.9	0.7	42.3
18 New Jersey	1,041.3	0.2	0.7	0.1	0.5	0.3	33.6	0.1	0.0	7.1	0.1	0.2	164.3	0.7	34.2
19 Pennsylvania	1,050.8	0.2	0.5	0.1	1.0	0.3	33.0	0.2	0.1	8.1	0.4	0.3	141.6	0.8	34.2
EAST NORTH CENTRAL															
20 Ohio	1,071.7	0.1	0.9	0.1	1.1	0.4	31.0	0.2	0.0	10.2	0.4	0.6	143.2	0.7	30.4
21 Indiana	1,057.8	0.2	0.5	0.2	1.4	0.5	28.2	0.4	0.0	10.2	0.2	0.4	131.2	0.7	26.5
22 Illinois	1,115.7	0.1	0.6	0.0	0.5	0.1	33.8	0.3	0.1	8.1	0.1	0.3	161.2	0.6	33.1
23 Michigan	941.5	0.1	0.5	0.1	1.0	0.4	27.6	0.2	0.0	8.2	0.1	0.5	129.4	0.5	26.6
24 Wisconsin	1,023.1	0.1	0.6	0.1	1.0	0.3	18.0	0.1	0.0	4.8	0.2	0.3	149.6	0.4	30.1
WEST NORTH CENTRAL															
25 Minnesota	961.9	0.0	0.6	0.1	1.1	0.8	20.0	0.1	0	5.7	0.7	0.6	139.4	0.5	27.4
26 Iowa	1,022.2	0.0	0.6	0.2	1.3	0.2	11.8	0.3	0	6.5	0.2	0.3	146.3	0.4	26.2
27 Missouri	1,142.0	0.4	0.4	0.1	1.7	0.4	33.1	0.4	0.2	10.6	0.1	0.5	148.0	0.9	24.4
28 North Dakota	970.8	0.6	1.1	0.2	1.5	0.9	18.3	0.6	0.2	3.0	0.4	0.9	116.5	0.9	27.2
29 South Dakota	991.3	0	0.3	0	2.1	0	28.9	0.2	0	5.9	0.3	0.3	133.0	1.2	24.9
30 Nebraska	1,002.4	0.2	0.5	0.2	1.2	0.2	15.5	0.4	0.2	6.3	0.1	1.4	141.1	0.8	25.2
31 Kansas	971.4	0	0.7	0	1.0	0.2	18.7	0.2	0	7.6	0.1	0.5	124.9	0.6	25.0
SOUTH ATLANTIC															
32 Delaware	1,149.5	0.3	1.4	0	1.4	0	45.4	0.7	0	12.0	0	0.7	139.1	1.0	27.8
33 Maryland	1,051.0	0.2	0.9	0.0	1.4	0.7	54.8	0.2	0.0	13.4	0.2	0.7	136.1	0.7	29.0
34 District of Columbia	958.7	0.1	0.2	0.1	0.3	0.1	57.7	0	0.2	15.7	0	0.3	135.5	0.6	24.7
35 Virginia	975.4	0.4	1.1	0.1	2.0	0.8	41.5	0.8	0.0	11.8	1.0	0.4	99.3	1.5	13.9
36 West Virginia	914.9	0.3	1.3	0.4	2.3	0.5	36.3	0.6	0	10.5	1.0	0.4	99.1	0.9	21.1
37 North Carolina	816.3	0.2	0.8	0.1	1.5	0.9	30.5	0.5	0.1	7.2	0.7	0.6	74.8	1.0	15.5
38 South Carolina	885.1	0.8	0.6	0.1	2.8	1.7	28.5	0.8	1.0	12.9	1.0	0.2	72.2	1.4	17.8
39 Georgia	922.4	0.3	0.6	0.0	3.0	1.4	33.6	0.6	0.4	10.7	0.5	0.1	86.3	1.0	14.3
40 Florida	1,043.1	0.3	0.9	0	1.4	0.7	34.1	0.6	0.3	11.3	0.1	0.3	116.1	0.7	19.6
EAST SOUTH CENTRAL															
41 Kentucky	1,020.5	0.6	1.0	0.3	3.3	1.7	52.9	1.4	0.2	6.9	0.2	0.4	106.6	1.1	17.8
42 Tennessee	925.0	0.4	0.9	0.0	2.4	1.1	50.0	1.0	0.3	8.3	0.5	0.3	95.4	1.2	15.1
43 Alabama	929.7	0.2	1.0	0.1	4.2	1.1	40.5	1.1	0.7	11.1	1.0	0.3	83.6	1.1	12.9
44 Mississippi	964.3	0.4	0.7	0	4.1	0.7	34.8	1.4	1.0	10.1	0.4	0.2	96.5	1.5	15.2
WEST SOUTH CENTRAL															
45 Arkansas	789.1	0.5	0.6	0.1	2.9	1.0	41.9	1.0	1.5	10.4	0.4	0.2	65.5	0.8	11.2
46 Louisiana	919.6	0.9	0.7	0	2.7	0.9	38.8	0.7	0.4	18.0	0.4	0.3	107.4	0.8	17.3
47 Oklahoma	846.2	0.4	0.5	0	1.9	0.7	30.7	0.8	0.0	7.8	0	0.1	104.5	0.4	16.1
48 Texas	882.1	0.5	0.5	0.0	2.8	1.1	39.3	4.0	0.5	8.8	0.2	0.5	96.0	0.5	15.4
MOUNTAIN															
49 Montana	1,180.3	0.2	0.6	0	1.2	0.4	31.1	0.2	0	9.6	2.7	0.8	145.9	1.0	26.8
50 Idaho	910.5	0.2	0.2	0.2	0.8	0.8	13.5	0.6	0	3.8	0	3.2	108.0	0.8	19.6
51 Wyoming	896.4	0	0.8	0	1.1	1.1	12.8	1.1	0	6.8	0.4	0.8	83.8	0	18.1
52 Colorado	1,102.5	0.2	0.8	0.1	2.4	1.7	32.8	1.0	0	9.9	0.6	0.5	141.1	1.5	18.7
53 New Mexico	1,000.2	0.4	0.4	0.4	6.4	1.5	60.3	4.6	0	10.2	4.2	0.7	77.9	1.3	8.2
54 Arizona	938.6	0.8	0.9	0.2	3.3	1.1	100.0	3.1	0	9.9	2.8	0	80.9	0.3	10.4
55 Utah	780.6	0	0.6	0.3	0.2	1.7	12.5	0.6	0	3.4	0.2	0.6	65.2	1.1	15.2
56 Nevada	1,167.6	0	0.7	0	0	0	31.7	0	0	13.7	0	1.4	116.5	1.4	18.0
PACIFIC															
57 Washington	932.5	0.2	0.7	0	0.3	0.5	25.1	0.1	0.0	7.6	0	0.6	127.4	0.6	20.2
58 Oregon	873.9	0.3	0.7	0	0.3	0.2	20.3	0.2	0	6.9	0.2	0.5	121.4	0.3	17.8
59 California	985.5	0.2	0.6	0.0	0.6	0.5	35.2	0.3	0.0	9.7	0.1	0.6	138.3	0.3	20.6

SUMMARY AND RATE TABLES

OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1947

population present in area. Numbers under causes of death are International List numbers, 1938 revision)

Pellagra (except alco- holic)	Intra- cranial lesions of vas- cular origin	Diseases of the heart	Pneumonia (all forms) and in- fluenza	Diarrhea, enteri- tis, and ulcera- tion of in- testines	Nephritis	Diseases of pregnancy, childbirth, and the puerperium	Congenital malforma- tions and diseases peculiar to the first year (except pre- mature birth)	Premature birth	Suicide	Homi- cide	Motor- vehicle accidents	Other accidents	Senility, ill- defined and unknown causes	All other causes	
68	85	90-95	107- 109,33	119,120	130-132	140-150	157,158,160,161	159	163,164	165-168	170	169, 171-195	162, 199,200		
0.5	81.4	321.2	43.1	5.6	56.0	3.5	31.1	28.6	11.5	6.0	22.8	46.6	19.2	114.8	1
0.1	98.1	402.1	37.5	4.9	49.3	2.2	30.8	24.1	12.4	1.5	14.2	47.5	5.8	121.9	2
0.1	82.8	397.4	39.0	4.3	52.4	2.5	28.6	24.8	11.9	3.1	15.6	43.5	6.2	121.6	3
0.1	99.4	352.3	41.0	3.9	58.7	2.8	31.1	27.7	12.0	4.1	25.0	45.7	10.4	119.9	4
0.1	109.2	326.7	46.8	4.9	56.5	2.6	30.0	26.1	12.3	3.0	22.4	51.4	15.9	124.4	5
1.2	94.8	251.1	45.9	5.8	72.0	5.4	34.0	35.1	10.1	11.5	23.8	45.6	28.0	101.8	6
1.8	96.8	231.8	55.4	6.7	64.4	6.4	32.7	33.7	7.6	13.3	24.1	46.4	64.5	100.1	7
1.4	78.0	225.1	46.1	10.2	48.6	4.5	30.8	32.2	7.9	9.6	24.1	49.4	33.9	99.1	8
0.2	75.4	261.4	55.5	13.1	51.0	4.1	38.9	38.1	14.2	4.7	33.5	60.1	38.2	122.5	9
0.2	79.8	317.6	36.0	5.4	41.8	2.4	30.1	24.7	16.4	5.1	32.4	45.3	9.1	118.9	10
0	117.9	361.7	42.1	8.0	59.5	4.2	42.1	28.2	16.5	1.2	19.9	55.4	16.8	132.4	11
0.2	109.9	413.3	44.8	6.6	57.1	2.6	33.5	26.8	14.2	0.6	19.7	53.7	10.1	133.1	12
0	118.9	410.9	49.7	5.5	52.5	3.3	32.8	27.3	13.7	1.1	18.9	67.2	12.6	152.7	13
0.1	99.4	423.7	39.8	4.9	45.3	2.0	28.7	25.7	10.8	1.6	12.8	48.0	2.7	122.0	14
0.1	81.7	423.0	36.1	4.3	69.4	2.3	33.0	24.8	9.5	1.5	13.8	40.9	3.6	127.7	15
0.1	81.5	356.9	26.4	3.2	43.8	1.6	28.7	21.7	14.4	1.9	12.9	39.9	6.3	107.6	16
0.1	74.3	430.0	38.6	3.8	42.6	2.3	28.7	25.8	12.4	3.2	14.6	45.4	4.3	123.2	17
0.0	89.3	372.4	33.7	3.5	57.5	2.3	26.8	24.6	11.4	3.0	14.4	37.5	4.5	119.4	18
0.1	81.8	364.4	41.8	5.3	63.2	3.0	29.1	26.3	11.4	2.9	17.3	43.8	9.5	120.3	19
0.1	110.6	341.5	45.4	3.5	60.2	3.1	31.8	27.6	12.9	4.9	24.3	48.0	14.1	124.2	20
0.2	111.3	328.9	43.8	5.1	78.6	2.7	29.7	28.1	12.6	3.8	29.3	48.5	9.9	126.7	21
0.0	90.0	411.4	39.6	3.4	63.0	2.4	30.2	23.7	11.3	4.9	23.6	47.3	5.5	120.3	22
0.1	89.2	304.9	37.0	4.5	42.8	2.9	32.1	32.3	10.3	3.8	25.6	39.9	11.7	110.2	23
0.1	102.1	342.9	38.3	3.7	50.1	2.7	31.2	29.0	14.4	1.4	24.3	45.7	12.7	118.5	24
0.0	101.7	306.0	44.6	3.2	30.3	1.6	32.4	27.8	11.2	1.2	21.4	48.1	11.8	125.8	25
0.0	118.6	332.4	39.5	4.7	50.8	2.3	30.7	25.8	14.5	1.9	21.8	51.3	12.7	121.7	26
0.2	113.7	368.7	61.3	6.7	78.7	3.3	28.2	25.4	12.3	3.9	20.9	53.4	16.6	125.5	27
0	95.4	286.1	43.1	5.5	41.2	3.5	39.8	33.8	11.8	0.4	25.7	57.3	28.5	129.8	28
0	94.6	289.5	41.2	4.8	47.6	2.9	32.7	31.3	9.5	1.0	28.4	54.2	31.0	125.3	29
0	103.8	304.1	41.6	4.4	57.5	2.7	28.9	26.1	15.3	2.2	25.8	52.5	20.0	126.6	30
0.3	110.1	302.3	38.2	3.9	64.7	2.4	26.8	21.6	11.1	3.5	22.3	49.3	14.1	123.6	31
0	86.3	388.0	40.2	2.7	99.7	2.1	30.6	33.3	18.2	4.8	22.3	56.4	10.3	125.8	32
0.1	83.8	349.1	38.7	4.4	81.3	2.8	34.7	27.5	12.6	7.8	18.8	44.8	3.2	103.8	33
0.1	89.1	276.4	34.1	5.8	60.7	2.7	30.8	31.9	12.9	8.6	12.0	40.7	2.2	114.9	34
0.8	103.4	270.0	44.3	6.8	71.0	4.8	36.2	37.0	11.2	8.7	22.5	47.7	22.8	105.6	35
0.2	83.0	235.8	54.1	6.5	48.2	4.7	35.1	39.6	10.5	7.0	21.7	57.7	36.6	99.5	36
1.5	81.1	202.6	42.8	5.8	69.7	5.2	35.0	36.9	8.5	11.3	23.8	39.5	28.0	83.4	37
2.1	83.2	212.8	54.4	6.4	72.2	7.9	32.2	36.1	6.2	14.6	27.1	41.2	44.3	90.6	38
3.2	105.8	216.5	52.4	5.4	60.9	7.7	31.7	32.4	7.6	16.1	25.4	43.0	37.1	104.3	39
0.6	107.1	278.4	42.5	5.8	68.3	5.7	34.3	34.9	12.8	15.8	31.0	53.0	38.8	124.5	40
0.8	102.9	275.8	65.2	8.9	60.5	5.0	35.1	33.1	9.5	10.5	25.9	54.5	24.2	114.3	41
1.9	96.5	228.5	33.1	6.3	55.5	4.9	31.9	32.6	8.0	12.1	22.2	59.6	62.1	94.9	42
3.0	95.5	212.8	33.0	6.0	68.3	8.2	32.7	37.5	7.2	16.4	25.6	43.8	67.2	96.0	43
1.4	95.8	204.0	48.8	5.2	80.4	8.3	30.5	30.8	5.2	14.8	22.8	49.2	117.8	94.3	44
1.8	76.8	185.2	52.5	4.4	52.3	4.7	23.5	22.3	6.3	7.8	16.5	42.7	36.0	89.3	45
0.5	77.6	268.0	47.2	5.1	59.6	5.5	39.8	35.2	8.2	10.1	19.7	45.2	16.5	94.6	46
1.2	88.7	219.1	43.0	4.2	45.0	3.9	26.0	26.7	6.3	6.3	23.3	47.1	33.5	106.2	47
1.7	74.9	219.6	45.0	15.4	44.9	4.3	31.4	35.3	8.6	11.0	28.0	51.4	39.0	101.2	48
0.0	101.4	346.3	52.5	5.5	54.5	3.3	35.7	35.7	19.7	2.9	32.2	77.9	39.5	152.9	49
0	78.1	259.1	37.0	4.2	59.6	3.0	35.2	35.6	14.1	3.2	35.6	61.7	29.0	104.4	50
0	76.2	275.1	37.4	4.2	49.8	2.3	38.1	29.8	14.7	4.9	37.0	72.8	15.5	101.9	51
0.1	94.8	303.0	72.6	6.9	63.8	3.7	37.3	36.8	16.5	4.6	31.5	57.3	16.8	143.7	52
1.3	52.7	163.8	78.8	35.6	41.5	7.7	61.2	61.2	7.9	8.6	35.3	54.8	121.8	101.8	53
0.3	53.7	203.9	57.8	32.3	38.0	5.4	40.1	34.0	11.8	5.4	36.6	56.5	35.1	111.9	54
0	56.3	242.8	29.5	5.2	40.5	2.7	38.9	32.3	7.8	1.9	27.7	45.9	24.1	105.6	55
0	92.1	346.0	47.5	0.7	48.2	3.6	36.0	38.1	40.3	11.5	45.0	94.2	38.8	141.0	56
0.0	89.2	302.2	35.3	2.5	42.3	2.7	31.7	24.4	15.5	3.2	23.6	53.0	17.1	104.6	57
0.1	79.4	261.1	31.2	3.0	57.2	2.1	26.3	19.2	14.1	2.5	26.2	56.3	21.2	108.0	58
0.2	77.8	330.2	36.9	6.4	39.3	2.4	30.4	23.6	16.9	5.9	35.2	41.7	5.3	124.3	59

VITAL STATISTICS OF THE UNITED STATES

TABLE XII.—POPULATION ESTIMATES AS OF JULY 1:

AREA	1940		1941		1942		1943	
	Total ¹	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	Total^{1}	Civilian
UNITED STATES-----	131,954,000	131,659,000	135,060,000	131,558,000	133,771,000	130,875,000	133,966,000	127,410,000
Alabama-----	2,825,000	2,821,000	2,825,000	2,794,000	2,815,000	2,751,000	2,914,000	2,666,000
Arizona-----	506,000	505,000	532,000	524,000	595,000	558,000	680,000	547,000
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
California-----	6,980,000	6,930,000	7,376,000	7,195,000	7,662,000	7,444,000	8,376,000	7,480,000
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
Connecticut-----	1,708,000	1,706,000	1,717,000	1,714,000	1,773,000	1,756,000	1,757,000	1,723,000
Delaware-----	269,000	269,000	273,000	272,000	270,000	266,000	271,000	261,000
District of Columbia-----	679,000	674,000	764,000	754,000	824,000	789,000	883,000	821,000
Florida-----	1,914,000	1,904,000	2,032,000	1,961,000	2,139,000	1,874,000	2,313,000	1,910,000
Georgia-----	3,108,000	3,091,000	3,190,000	3,103,000	3,197,000	3,039,000	3,179,000	2,827,000
Ideaho-----	529,000	529,000	521,000	521,000	523,000	521,000	535,000	504,000
Illinois-----	7,892,000	7,862,000	7,884,000	7,841,000	7,890,000	7,806,000	7,871,000	7,494,000
Indiana-----	3,437,000	3,435,000	3,479,000	3,473,000	3,520,000	3,606,000	3,528,000	3,452,000
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
Kansas-----	1,798,000	1,793,000	1,794,000	1,775,000	1,809,000	1,776,000	1,814,000	1,721,000
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
Louisiana-----	2,368,000	2,362,000	2,459,000	2,392,000	2,501,000	2,368,000	2,549,000	2,313,000
Maine-----	847,000	845,000	844,000	840,000	828,000	819,000	802,000	782,000
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
Massachusetts-----	4,309,000	4,305,000	4,324,000	4,261,000	4,290,000	4,197,000	4,201,000	4,057,000
Michigan-----	5,278,000	5,275,000	5,332,000	5,304,000	5,334,000	5,309,000	5,385,000	5,322,000
Minnesota-----	2,800,000	2,796,000	2,789,000	2,786,000	2,737,000	2,730,000	2,646,000	2,627,000
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
Missouri-----	3,797,000	3,785,000	3,841,000	3,799,000	3,899,000	3,814,000	3,789,000	3,647,000
Montana-----	560,000	560,000	555,000	555,000	528,000	528,000	468,000	478,000
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
Nevada-----	112,000	112,000	118,000	117,000	131,000	125,000	142,000	126,000
New Hampshire-----	492,000	491,000	493,000	489,000	490,000	462,000	470,000	462,000
New Jersey-----	4,154,000	4,150,000	4,168,000	4,121,000	4,168,000	4,104,000	4,149,000	4,016,000
New Mexico-----	536,000	536,000	539,000	537,000	537,000	525,000	542,000	488,000
New York-----	13,460,000	13,438,000	13,353,000	13,302,000	13,193,000	13,103,000	12,921,000	12,860,000
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
North Dakota-----	638,000	638,000	616,000	616,000	580,000	580,000	535,000	532,000
Ohio-----	6,905,000	6,902,000	6,898,000	6,894,000	6,878,000	6,860,000	6,763,000	6,712,000
Oklahoma-----	2,321,000	2,315,000	2,060,000	2,035,000	2,074,000	2,026,000	2,266,000	2,149,000
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
Pennsylvania-----	9,931,000	9,926,000	9,877,000	9,853,000	9,758,000	9,726,000	9,517,000	9,412,000
Rhode Island-----	711,000	706,000	707,000	696,000	714,000	690,000	733,000	677,000
South Carolina-----	1,894,000	1,865,000	1,965,000	1,889,000	2,006,000	1,879,000	1,967,000	1,813,000
South Dakota-----	639,000	638,000	610,000	608,000	577,000	574,000	568,000	540,000
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
Texas-----	6,428,000	6,403,000	6,589,000	6,440,000	6,680,000	6,427,000	6,956,000	6,230,000
Utah-----	555,000	554,000	569,000	566,000	599,000	585,000	643,000	589,000
Vermont-----	360,000	358,000	353,000	349,000	343,000	342,000	325,000	316,000
Virginia-----	2,721,000	2,696,000	2,803,000	2,698,000	3,002,000	2,776,000	2,972,000	2,650,000
Washington-----	1,752,000	1,736,000	1,819,000	1,756,000	1,920,000	1,608,000	2,036,000	1,858,000
West Virginia-----	1,913,000	1,913,000	1,912,000	1,911,000	1,680,000	1,879,000	1,777,000	1,774,000
Wisconsin-----	3,141,000	3,140,000	3,121,000	3,121,000	3,057,000	3,032,000	3,000,000	2,940,000
Wyoming-----	255,000	251,000	268,000	259,000	279,000	260,000	272,000	248,000

¹Excluding 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 B.

NOTES.—For estimated total population of the United States for 1940-46, including armed forces overseas, see table B. 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, Series P-25, No. 12, August 9, 1948.

SUMMARY AND RATE TABLES

UNITED STATES AND EACH STATE, 1940-47

1944		1945		1946		1947		AREA
Total ¹	Civilian							
132,552,000	126,536,000	132,019,000	127,452,000	139,899,000	138,400,000	143,414,000	142,680,000	UNITED STATES
2,746,000	2,631,000	2,696,000	2,611,000	2,806,000	2,774,000	2,834,000	2,827,000	Alabama
588,000	535,000	570,000	529,000	596,000	591,000	644,000	637,000	Arizona
1,845,000	1,774,000	1,829,000	1,765,000	1,882,000	1,874,000	1,913,000	1,912,000	Arkansas
8,687,000	7,901,000	9,073,000	8,363,000	9,471,000	9,262,000	9,812,000	9,688,000	California
1,115,000	1,025,000	1,071,000	1,010,000	1,134,000	1,099,000	1,144,000	1,127,000	Colorado
1,744,000	1,715,000	1,747,000	1,729,000	1,812,000	1,907,000	1,974,000	1,970,000	Connecticut
274,000	263,000	273,000	263,000	281,000	280,000	291,000	290,000	Delaware
894,000	830,000	880,000	824,000	843,000	815,000	861,000	831,000	District of Columbia
2,279,000	1,925,000	2,284,000	1,964,000	2,238,000	2,176,000	2,328,000	2,280,000	Florida
3,131,000	2,871,000	3,040,000	2,849,000	3,129,000	3,089,000	3,138,000	3,114,000	Georgia
559,000	490,000	522,000	482,000	524,000	522,000	525,000	525,000	Idaho
7,601,000	7,366,000	7,521,000	7,346,000	8,000,000	7,918,000	8,397,000	8,364,000	Illinois
3,479,000	3,424,000	3,484,000	3,433,000	3,746,000	3,723,000	3,835,000	3,833,000	Indiana
2,370,000	2,341,000	2,400,000	2,377,000	2,562,000	2,559,000	2,591,000	2,590,000	Iowa
1,823,000	1,709,000	1,793,000	1,709,000	1,877,000	1,851,000	1,925,000	1,925,000	Kansas
2,857,000	2,541,000	2,568,000	2,510,000	2,745,000	2,698,000	2,780,000	2,761,000	Kentucky
2,504,000	2,279,000	2,405,000	2,291,000	2,526,000	2,477,000	2,544,000	2,535,000	Louisiana
797,000	778,000	801,000	788,000	863,000	861,000	885,000	884,000	Maine
1,899,000	1,859,000	1,979,000	1,871,000	2,123,000	2,045,000	2,139,000	2,111,000	Maryland
4,130,000	4,068,000	4,168,000	4,068,000	4,504,000	4,482,000	4,635,000	4,623,000	Massachusetts
5,381,000	5,327,000	5,425,000	5,388,000	5,870,000	5,855,000	6,069,000	6,059,000	Michigan
2,613,000	2,597,000	2,625,000	2,612,000	2,830,000	2,826,000	2,888,000	2,888,000	Minnesota
2,249,000	2,043,000	2,131,000	2,040,000	2,080,000	2,041,000	2,096,000	2,087,000	Mississippi
3,653,000	3,547,000	3,600,000	3,524,000	3,827,000	3,817,000	3,903,000	3,901,000	Missouri
453,000	449,000	446,000	441,000	478,000	477,000	488,000	487,000	Montana
1,236,000	1,184,000	1,230,000	1,187,000	1,285,000	1,278,000	1,284,000	1,284,000	Nebraska
144,000	121,000	140,000	116,000	133,000	131,000	139,000	139,000	Nevada
464,000	455,000	466,000	460,000	508,000	505,000	534,000	531,000	New Hampshire
4,135,000	4,032,000	4,112,000	4,014,000	4,507,000	4,420,000	4,627,000	4,562,000	New Jersey
520,000	474,000	515,000	469,000	525,000	515,000	547,000	539,000	New Mexico
12,815,000	12,491,000	12,839,000	12,595,000	13,823,000	13,775,000	14,165,000	14,140,000	New York
3,601,000	3,384,000	3,514,000	3,341,000	3,668,000	3,600,000	3,698,000	3,660,000	North Carolina
510,000	509,000	510,000	509,000	536,000	536,000	541,000	541,000	North Dakota
6,839,000	6,794,000	6,873,000	6,822,000	7,481,000	7,463,000	7,675,000	7,667,000	Ohio
2,075,000	1,980,000	2,195,000	2,102,000	2,297,000	2,284,000	2,284,000	2,275,000	Oklahoma
1,305,000	1,269,000	1,311,000	1,299,000	1,434,000	1,430,000	1,545,000	1,544,000	Oregon
9,371,000	9,293,000	9,352,000	9,300,000	10,202,000	10,182,000	10,512,000	10,498,000	Pennsylvania
760,000	670,000	735,000	675,000	741,000	731,000	745,000	740,000	Rhode Island
1,948,000	1,801,000	1,909,000	1,800,000	1,902,000	1,876,000	1,951,000	1,929,000	South Carolina
538,000	514,000	539,000	510,000	551,000	580,000	578,000	575,000	South Dakota
2,858,000	2,791,000	2,817,000	2,770,000	3,002,000	2,992,000	3,091,000	3,086,000	Tennessee
6,847,000	6,212,000	6,706,000	6,255,000	6,966,000	6,815,000	7,104,000	7,030,000	Texas
596,000	574,000	597,000	572,000	635,000	622,000	640,000	638,000	Utah
314,000	314,000	325,000	325,000	351,000	351,000	366,000	365,000	Vermont
3,053,000	2,624,000	2,935,000	2,663,000	2,980,000	2,880,000	2,999,000	2,855,000	Virginia
2,100,000	1,965,000	2,175,000	2,038,000	2,293,000	2,206,000	2,357,000	2,319,000	Washington
1,717,000	1,713,000	1,696,000	1,689,000	1,829,000	1,829,000	1,882,000	1,882,000	West Virginia
2,953,000	2,906,000	2,935,000	2,916,000	3,154,000	3,143,000	3,247,000	3,246,000	Wisconsin
262,000	239,000	252,000	240,000	263,000	260,000	265,000	260,000	Wyoming

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—ESTIMATED POPULATION INCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX:
UNITED STATES, JULY 1, 1947

AGE	ALL RACES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL AGES-----	144,034,000	71,754,000	72,279,000	128,694,000	64,327,000	64,367,000	15,139,000	7,427,000	7,712,000
Under 1 year-----	¹ 3,533,000	1,808,000	1,725,000	3,140,000	1,611,000	1,529,000	393,000	197,000	196,000
1 to 4 years-----	¹ 11,071,000	5,645,000	5,427,000	9,696,000	4,959,000	4,736,000	1,375,000	687,000	688,000
5 to 9 years-----	12,110,000	6,174,000	5,937,000	10,475,000	5,352,000	5,122,000	1,636,000	821,000	814,000
10 to 14 years-----	10,667,000	5,413,000	5,254,000	9,269,000	4,715,000	4,554,000	1,398,000	698,000	700,000
15 to 19 years-----	11,242,000	5,692,000	5,551,000	9,882,000	5,014,000	4,868,000	1,360,000	677,000	683,000
20 to 24 years-----	12,102,000	6,022,000	6,080,000	10,741,000	5,353,000	5,388,000	1,361,000	670,000	691,000
25 to 29 years-----	11,807,000	5,768,000	6,038,000	10,544,000	5,171,000	5,373,000	1,262,000	597,000	665,000
30 to 34 years-----	11,156,000	5,430,000	5,738,000	9,990,000	4,885,000	5,105,000	1,176,000	545,000	631,000
35 to 39 years-----	10,463,000	5,154,000	5,329,000	9,440,000	4,659,000	4,781,000	1,042,000	494,000	548,000
40 to 44 years-----	9,640,000	4,768,000	4,872,000	8,676,000	4,309,000	4,367,000	964,000	459,000	505,000
45 to 49 years-----	8,788,000	4,365,000	4,423,000	7,937,000	3,954,000	3,984,000	681,000	412,000	439,000
50 to 54 years-----	8,016,000	4,011,000	4,006,000	7,341,000	3,675,000	3,666,000	675,000	335,000	340,000
55 to 59 years-----	7,080,000	3,573,000	3,517,000	6,560,000	3,305,000	3,255,000	530,000	268,000	262,000
60 to 64 years-----	5,659,000	2,843,000	2,815,000	5,266,000	2,638,000	2,628,000	392,000	205,000	187,000
65 to 69 years-----	4,246,000	2,088,000	2,158,000	3,961,000	1,939,000	2,022,000	284,000	149,000	136,000
70 to 74 years-----	3,089,000	1,475,000	1,614,000	2,894,000	1,376,000	1,519,000	195,000	99,000	95,000
75 years and over-----	3,325,000	1,525,000	1,800,000	3,081,000	1,412,000	1,669,000	244,000	113,000	131,000

¹In order to maintain comparability with the 1940 census, these figures have been reduced from the estimated totals for children under 5 by the estimated number in this age group who were not reported in April 1940: 863,000 for "All classes," 332,000 for white males, 294,000 for white females, 124,000 for nonwhite males, and 112,000 for nonwhite females.

NOTE.—For discussion of population estimates used in the computation of birth and death ratios, see text.

Source: Bureau of the Census, Current Population Reports, Series P-25, No. 21.

XIV.—ESTIMATED POPULATION EXCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX:
UNITED STATES, JULY 1, 1947

AGE	ALL RACES			WHITE			NONWHITE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
ALL AGES-----	143,414,000	71,140,000	72,274,000	128,326,000	63,764,000	64,562,000	15,089,000	7,376,000	7,712,000
Under 1 year-----	¹ 3,533,000	1,808,000	1,725,000	3,140,000	1,611,000	1,529,000	393,000	197,000	196,000
1 to 4 years-----	¹ 11,071,000	5,645,000	5,427,000	9,696,000	4,959,000	4,736,000	1,375,000	687,000	688,000
5 to 9 years-----	12,110,000	6,174,000	5,937,000	10,475,000	5,352,000	5,122,000	1,636,000	821,000	814,000
10 to 14 years-----	10,667,000	5,413,000	5,254,000	9,269,000	4,715,000	4,554,000	1,398,000	698,000	700,000
15 to 19 years-----	11,000,000	5,449,000	5,551,000	9,661,000	4,793,000	4,868,000	1,339,000	657,000	683,000
20 to 24 years-----	11,819,000	5,840,000	6,079,000	10,573,000	5,185,000	5,387,000	1,346,000	655,000	691,000
25 to 29 years-----	11,711,000	5,674,000	6,037,000	10,456,000	5,085,000	5,371,000	1,255,000	589,000	665,000
30 to 34 years-----	11,117,000	5,385,000	5,735,000	9,945,000	4,842,000	5,104,000	1,172,000	541,000	631,000
35 to 39 years-----	10,455,000	5,127,000	5,328,000	9,415,000	4,635,000	4,780,000	1,040,000	492,000	548,000
40 to 44 years-----	9,627,000	4,756,000	4,872,000	8,664,000	4,298,000	4,367,000	963,000	458,000	505,000
45 to 49 years-----	8,782,000	4,360,000	4,423,000	7,932,000	3,948,000	3,984,000	850,000	411,000	439,000
50 to 54 years-----	8,014,000	4,006,000	4,006,000	7,339,000	3,673,000	3,666,000	675,000	335,000	340,000
55 to 59 years-----	7,089,000	3,572,000	3,517,000	6,560,000	3,304,000	3,255,000	530,000	268,000	262,000
60 to 64 years-----	5,658,000	2,843,000	2,815,000	5,266,000	2,638,000	2,628,000	392,000	205,000	187,000
65 to 69 years-----	4,246,000	2,088,000	2,158,000	3,961,000	1,939,000	2,022,000	284,000	149,000	136,000
70 to 74 years-----	3,089,000	1,475,000	1,614,000	2,894,000	1,376,000	1,519,000	195,000	99,000	95,000
75 years and over-----	3,325,000	1,525,000	1,800,000	3,081,000	1,412,000	1,669,000	244,000	113,000	131,000

¹In order to maintain comparability with the 1940 census, these figures have been reduced from the estimated totals for children under 5 by the estimated number in this age group who were not reported in April 1940: 863,000 for "All classes," 332,000 for white males, 294,000 for white females, 124,000 for nonwhite males, and 112,000 for nonwhite females.

NOTE.—For discussion of population estimates used in the computation of birth and death ratios, see text.

Source: Bureau of the Census, Current Population Reports, Series P-25, No. 21.

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GENERAL NATALITY AND MORTALITY TABLES

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, 1947

(By place of occurrence. Exclusive of stillbirths and 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-----	3,699,940	1,445,370	ALABAMA—Continued			ALABAMA—Continued		
White-----	3,274,620	1,274,893	Fayette-----	719	154	Montgomery—Continued		
Nonwhite--	425,320	170,477	White-----	612	126	Balance of county-----	966	292
ALABAMA-----	86,981	26,034	Nonwhite--	107	28	White-----	422	125
White-----	56,999	14,994	Franklin-----	681	175	Nonwhite--	544	187
Nonwhite--	29,982	11,040	Geneva-----	639	147	White-----	1,429	433
Autauga-----	476	173	White-----	542	125	Nonwhite--	1,259	342
White-----	174	84	Nonwhite--	97	22	White-----	1,700	91
Nonwhite--	302	89	Greene-----	444	32	Nonwhite--	1,279	91
Baldwin-----	985	300	White-----	28	27	Decatur-----	902	242
White-----	680	217	Nonwhite--	416	157	White-----	809	196
Nonwhite--	305	83	Hale-----	700	222	Nonwhite--	93	46
Barbour-----	933	282	White-----	128	54	Balance of county-----	527	191
White-----	365	137	Nonwhite--	572	168	White-----	450	146
Nonwhite--	568	145	Henry-----	475	129	Nonwhite--	77	45
Bibb-----	347	114	White-----	157	63	Perry-----	549	185
White-----	172	56	Nonwhite--	319	86	White-----	79	35
Nonwhite--	175	56	Houston-----	1,639	466	Nonwhite--	470	150
Blount-----	672	165	White-----	1,235	312	Pickens-----	655	182
Bullock-----	461	161	Nonwhite--	404	154	White-----	257	86
White-----	42	26	Dothan-----	1,222	319	Nonwhite--	394	116
Nonwhite--	419	135	White-----	1,028	207	Pike-----	1,039	317
Butler-----	1,000	292	Nonwhite--	194	112	White-----	617	187
White-----	548	160	Balance of county-----	417	147	Nonwhite--	422	150
Nonwhite--	452	132	White-----	207	105	White-----	667	200
Calhoun-----	2,280	507	Nonwhite--	210	42	Randolph-----	477	158
White-----	1,647	385	Jackson-----	1,216	245	White-----	190	62
Nonwhite--	435	122	Jefferson-----	15,242	5,145	Nonwhite--	776	259
Amiston-----	1,574	320	White-----	9,409	2,711	White-----	149	98
White-----	1,287	230	Nonwhite--	5,834	2,432	Nonwhite--	627	161
Nonwhite--	287	90	Birmingham-----	10,754	3,333	Phenix City-----	301	131
Balance of county-----	706	187	White-----	7,025	1,861	White-----	120	75
White-----	560	155	Nonwhite--	3,729	1,492	Nonwhite--	181	56
Nonwhite--	146	32	Bessemer-----	951	294	Balance of county-----	478	128
Chambers-----	803	314	White-----	582	123	White-----	29	23
White-----	450	172	Nonwhite--	369	171	Nonwhite--	446	105
Nonwhite--	353	142	Fairfield-----	1,497	517	St. Clair-----	628	166
Cherokee-----	347	106	White-----	669	136	White-----	469	131
Chilton-----	690	191	Nonwhite--	828	161	Nonwhite--	159	35
White-----	549	154	Balance of county-----	2,040	1,179	Shelby-----	582	195
Nonwhite--	132	37	White-----	1,132	591	White-----	363	115
Choctaw-----	611	144	Nonwhite--	908	588	Nonwhite--	199	82
White-----	257	62	Lamar-----	333	69	Sumter-----	668	245
Nonwhite--	354	82	White-----	269	57	White-----	93	44
Clarke-----	762	209	Nonwhite--	64	12	Nonwhite--	595	201
White-----	378	87	Lauderdale-----	1,552	442	Talladega-----	2,154	501
Nonwhite--	394	122	White-----	1,335	362	White-----	1,428	299
Clay-----	310	113	Nonwhite--	217	80	Nonwhite--	726	203
White-----	219	94	Florence-----	1,193	263	Tallapoosa-----	1,228	272
Nonwhite--	91	19	White-----	1,038	229	White-----	950	178
Cleburne-----	251	78	Nonwhite--	155	54	Nonwhite--	278	94
Coffee-----	909	173	Balance of county-----	359	159	Tuscaloosa-----	2,260	1,016
White-----	720	139	White-----	297	133	White-----	1,624	746
Nonwhite--	189	35	Nonwhite--	62	26	Nonwhite--	636	270
Colbert-----	1,290	339	Lawrence-----	790	143	Tuscaloosa-----	1,799	673
White-----	1,027	249	White-----	587	96	White-----	1,468	527
Nonwhite--	263	89	Nonwhite--	193	47	Nonwhite--	330	146
Comech-----	639	193	Lee-----	1,034	283	Balance of county-----	462	343
White-----	272	81	White-----	571	120	White-----	166	219
Nonwhite--	367	112	Nonwhite--	463	163	Nonwhite--	306	124
Coosa-----	186	67	Limestone-----	1,161	262	Walker-----	1,811	452
White-----	70	34	White-----	895	166	White-----	1,664	365
Nonwhite--	116	33	Nonwhite--	266	96	Nonwhite--	147	87
Covington-----	1,182	310	Lowndes-----	538	174	Washington-----	426	92
White-----	1,011	256	White-----	10	14	White-----	257	45
Nonwhite--	171	54	Nonwhite--	528	160	Nonwhite--	169	47
Crenshaw-----	361	148	Macun-----	896	542	Willcox-----	762	276
White-----	186	96	White-----	37	34	White-----	62	29
Nonwhite--	144	25	Nonwhite--	849	507	Nonwhite--	700	247
Cullman-----	1,523	261	Madison-----	2,228	637	Winston-----	446	109
Dale-----	505	130	White-----	1,642	421	ARIZONA-----	19,492	6,514
White-----	361	105	Nonwhite--	586	216	White-----	17,130	5,407
Nonwhite--	144	25	Huntsville-----	1,363	321	Nonwhite--	2,362	1,107
Dallas-----	1,966	626	White-----	1,158	208	Apache-----	634	315
White-----	694	278	Nonwhite--	205	113	White-----	223	54
Nonwhite--	1,282	548	Balance of county-----	865	316	Nonwhite--	411	261
Salma-----	1,114	511	White-----	484	213	Cochise-----	964	356
White-----	671	229	Nonwhite--	381	103	Cocconino-----	563	208
Nonwhite--	443	282	Marion-----	771	323	White-----	363	107
Balance of county-----	852	315	Nonwhite--	125	98	Nonwhite--	180	101
White-----	13	49	Marshall-----	646	225	Gila-----	706	190
Nonwhite--	839	266	Mobile-----	649	135	White-----	613	156
De Kalb-----	1,160	250	White-----	1,699	327	Nonwhite--	95	34
White-----	637	229	Nonwhite--	7,326	2,247	Graham-----	415	85
Nonwhite--	351	123	Mobile-----	4,919	1,141	Greenlee-----	401	62
Escambia-----	1,145	288	White-----	2,407	1,106	Maricopa-----	8,467	2,711
White-----	800	190	Nonwhite--	6,128	1,513	Phoenix-----	6,294	1,587
Nonwhite--	343	98	Balance of county-----	1,199	734	Balance of county-----	2,173	1,124
Etowah-----	2,853	711	White-----	509	284	Mohave-----	257	74
White-----	2,512	583	Nonwhite--	690	450	Navajo-----	770	229
Nonwhite--	341	128	Nonro-----	702	185	White-----	407	100
Gadsden-----	2,177	484	White-----	221	60	Nonwhite--	363	129
White-----	1,926	373	Nonwhite--	481	123	Pima-----	3,411	1,287
Nonwhite--	251	111	Montgomery-----	4,016	1,413	White-----	3,122	1,127
Balance of county-----	676	227	White-----	2,359	658	Nonwhite--	289	160
			Nonwhite--	1,658	755	Tucson-----	471	520
			Montgomery-----	3,050	1,121	Balance of county-----	2,940	767
			White-----	1,936	533	White-----	2,714	649
			Nonwhite--	1,114	588	Nonwhite--	226	118

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
ARIZONA—Continued			ARKANSAS—Continued			ARKANSAS—Continued		
Pinal	1,163	343	Jefferson	1,920	642	Sevier	429	104
White	911	248	White	1,070	326	White	405	95
Nonwhite	252	95	Nonwhite	850	316	Nonwhite	26	9
Santa Cruz	303	78	Pine Bluff	1,166	407	Sharp	92	29
White	643	362	White	954	254	Stone	90	41
Nonwhite	793	214	Nonwhite	212	153	Union	1,149	284
Yuma	715	190	Balance of county	754	235	White	827	171
White	70	24	White	116	72	Nonwhite	322	113
Nonwhite	49,132	14,945	Nonwhite	638	163	El Dorado	871	157
			Johnson	374	105	White	758	103
			Lafayette	238	81	Nonwhite	133	54
			White	24	17	Balance of county	278	127
			Nonwhite	214	64	White	89	68
Arkansas	638	119	Lawrence	536	114	Nonwhite	189	59
White	493	93	Lee	537	145	Van Buren	144	48
Nonwhite	145	26	White	139	40	Washington	1,407	449
Ashley	618	177	Nonwhite	398	105	White	1,043	281
White	338	77	Lincoln	254	104	Woodruff	409	90
Nonwhite	280	100	White	84	30	White	232	34
Baxter	317	81	Nonwhite	190	74	Nonwhite	176	56
Benton	893	321	Little River	306	74	Tell	269	52
Benton	620	105	White	193	41			
Boons	491	114	Nonwhite	113	33			
Bradley	345	81	Logan	520	265			
White	146	33	Lonoke	584	147			
Nonwhite	137	46	White	357	90			
Calhoun	65	28	Nonwhite	207	57			
White	72	18	Madison	185	62			
Nonwhite	292	137	Marion	105	48			
Carroll	727	212	Miller	1,290	348			
White	457	76	White	1,026	248			
Nonwhite	270	136	Nonwhite	264	100			
Clark	482	147	Texarkana ¹	1,079	282			
White	339	99	White	940	213			
Nonwhite	143	48	Nonwhite	139	69			
Clay	579	151	Balance of county	211	66			
Cleburne	325	87	White	86	35			
Cleveland	123	50	Nonwhite	125	31			
White	69	31	Mississippi	2,610	476			
Nonwhite	54	19	White	2,027	330			
Columbia	670	163	Nonwhite	583	146			
White	430	77	Blytheville	792	175			
Nonwhite	240	86	White	681	132			
Convey	558	184	Nonwhite	111	43			
White	454	137	Balance of county	1,819	301			
Nonwhite	104	47	White	1,346	196			
Craighead	1,646	382	Nonwhite	472	103			
Jonesboro	1,083	239	Monroe	359	125			
White	1,040	228	White	162	57			
Nonwhite	43	11	Nonwhite	196	68			
Balance of county	563	143	Montgomery	93	40			
Crawford	359	107	Nevada	330	124			
Crittenden	1,071	348	White	201	88			
White	206	50	Nonwhite	129	36			
Nonwhite	865	298	Newton	102	22			
Cross	793	129	Quachita	905	224			
White	554	73	White	548	114			
Nonwhite	229	55	Nonwhite	357	110			
Dallas	290	79	Perry	101	20			
White	157	37	Phillips	1,266	429			
Nonwhite	133	42	White	512	126			
Deaha	556	123	Nonwhite	754	303			
White	252	45	Pike	82	34			
Nonwhite	304	78	Polk	992	158			
Drew	510	133	Polk	813	133			
White	353	64	Pope	79	25			
Nonwhite	157	69	Prairie	422	105			
Faulkner	658	161	White	652	142			
White	576	136	Nonwhite	176	64			
Nonwhite	82	25	White	141	51			
Franklin	298	67	Nonwhite	38	13			
Fulton	167	40	Pulaski	5,659	2,652			
Garland	1,327	672	White	4,350	1,839			
White	1,251	575	Nonwhite	1,309	813			
Nonwhite	96	97	Little Rock	5,151	2,140			
Hot Springs	1,244	610	White	4,072	1,512			
White	1,162	514	Nonwhite	1,079	628			
Nonwhite	82	96	North Little Rock	85	172			
Balance of county	83	62	White	24	94			
Grant	129	39	Nonwhite	61	78			
Greene	796	160	Balance of county	423	340			
Hempstead	655	233	White	254	233			
White	392	138	Nonwhite	169	107			
Nonwhite	273	95	Randolph	328	100			
Hot Spring	451	117	St. Francis	898	243			
White	396	100	White	377	108			
Nonwhite	55	17	Nonwhite	521	135			
Howard	391	95	Saline	346	295			
White	308	81	Scott	167	45			
Nonwhite	83	14	Searcy	372	49			
Independence	863	203	Sebastian	2,090	595			
Izard	128	58	Fort Smith	1,975	527			
Jackson	885	222	White	1,881	472			
White	773	178	Nonwhite	94	55			
Nonwhite	112	44	Balance of county	115	69			

¹Includes data for Texarkana, Ark., only.

²Since 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

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
FLORIDA—Continued			FLORIDA—Continued			FLORIDA—Continued		
Charlotte	34	55	Lafayette	85	18	Putnam	579	225
White	25	43	Lake	977	378	White	357	118
Nonwhite	11	12	White	650	287	Nonwhite	222	107
Citrus	71	46	Nonwhite	227	91	St. Johns	670	281
White	29	26	Lea	571	244	White	454	185
Nonwhite	42	20	White	462	182	Nonwhite	216	96
Clay	99	93	Nonwhite	109	62	St. Augustine	586	244
White	41	74	Fort Myers	551	202	White	440	164
Nonwhite	58	19	White	454	150	Nonwhite	146	80
Collier	26	33	Nonwhite	97	52	Balance of county	84	37
White	12	24	Balance of county	20	42	White	14	21
Nonwhite	14	9	White	8	32	Nonwhite	70	16
Columbia	754	312	Nonwhite	12	10	St. Lucie	571	189
White	590	185	Leon	1,119	318	White	334	104
Nonwhite	164	129	White	608	128	Nonwhite	237	65
Dade	8,498	4,029	Nonwhite	511	190	Santa Rosa	315	110
White	6,902	3,414	Tallahassee	238	117	White	269	91
Nonwhite	1,596	615	White	16	49	Nonwhite	46	19
Miami	5,969	2,459	Nonwhite	222	88	Sarasota	463	271
White	4,868	2,076	Balance of county	881	201	White	361	235
Nonwhite	1,101	382	White	582	79	Nonwhite	102	36
Miami Beach	723	582	Nonwhite	289	122	Sarasota	446	229
Balance of county	1,806	1,009	Levy	159	82	White	354	200
White	1,312	785	White	88	39	Nonwhite	92	29
Nonwhite	494	224	Nonwhite	81	43	Balance of county	17	42
De Soto	287	96	Liberty	26	23	White	7	35
White	225	67	White	11	15	Nonwhite	10	7
Nonwhite	61	29	Nonwhite	15	8	Seminole	627	247
Dixie	90	30	Madison	450	140	White	283	118
White	72	16	White	197	64	Nonwhite	344	129
Nonwhite	18	14	Nonwhite	253	76	White	222	88
Duval	8,259	2,614	Manatee	683	328	Nonwhite	83	36
White	6,227	1,672	White	472	258	Nonwhite	139	52
Nonwhite	2,032	942	Nonwhite	211	70	Balance of county	405	159
Jacksonville	7,232	2,254	Marion	980	405	White	200	82
White	5,307	1,574	White	582	232	Nonwhite	205	77
Nonwhite	1,925	880	Nonwhite	398	173	Sumter	160	78
Balance of county	1,027	360	Martin	137	76	White	78	46
White	920	298	White	88	55	Nonwhite	82	32
Nonwhite	107	62	Nonwhite	49	21	Suwannee	546	137
Escambia	3,585	907	Monroe	680	191	White	209	74
White	3,018	659	White	586	150	Nonwhite	137	63
Nonwhite	567	248	Nonwhite	94	41	Taylor	250	82
Pensacola	2,383	581	Key West	678	183	White	174	56
White	1,998	389	White	584	142	Nonwhite	76	26
Nonwhite	385	192	Nonwhite	94	41	Union	69	67
Balance of county	1,202	326	Balance of county	2	8	White	26	42
White	1,020	250	White	2	8	Nonwhite	43	25
Nonwhite	182	76	Nonwhite	-	-	Volusia	1,418	856
Flagler	42	17	Nassau	318	100	White	1,038	633
White	5	6	White	212	56	Nonwhite	380	223
Nonwhite	37	11	Nonwhite	106	44	Daytona Beach	849	455
Franklin	81	31	Ocala	723	145	White	695	336
White	44	10	White	29	12	Nonwhite	154	119
Nonwhite	37	21	Nonwhite	7	6	Balance of county	569	401
Gadsden	892	698	Orange	2,484	1,111	White	343	297
White	339	376	White	1,933	846	Nonwhite	226	104
Nonwhite	553	322	Nonwhite	551	265	Wakulla	76	24
Gilchrist	33	29	White	2,100	819	White	37	16
White	25	27	Nonwhite	1,764	647	Nonwhite	39	8
Nonwhite	8	2	White	336	172	Walton	458	113
Glades	29	14	Nonwhite	384	232	White	398	92
White	14	6	Balance of county	169	199	Nonwhite	60	21
Nonwhite	15	8	White	215	93	Washington	258	96
Gulf	284	67	Nonwhite	256	198	White	195	68
White	227	41	Osceola	216	160	Nonwhite	63	28
Nonwhite	57	26	White	40	38	GEORGIA	95,532	29,146
Hamilton	210	59	Nonwhite	2,521	1,106	White	63,407	17,387
White	87	30	White	1,652	760	Nonwhite	32,125	11,749
Nonwhite	123	29	Nonwhite	869	346	Appling	280	61
Herdsee	164	88	West Palm Beach	1,598	664	White	188	39
Hendry	150	49	White	1,245	479	Nonwhite	92	22
White	119	25	Nonwhite	353	185	Atkinson	95	23
Nonwhite	31	24	Balance of county	923	442	White	58	15
Hernando	226	67	White	407	281	Nonwhite	40	8
White	185	49	Nonwhite	516	161	Beacon	350	53
Nonwhite	41	18	White	319	195	White	317	47
Highlands	386	123	Nonwhite	261	152	Nonwhite	33	6
White	279	91	White	58	45	Baker	125	32
Nonwhite	107	32	Pinellas	2,445	2,190	White	10	8
Hillsborough	6,036	2,484	White	1,652	1,984	Nonwhite	115	24
White	5,171	1,945	Nonwhite	869	206	Baldwin	601	1,071
Nonwhite	865	539	St. Petersburg	1,729	1,429	White	358	580
Tampa	4,382	1,675	White	1,447	1,275	Nonwhite	243	511
White	3,672	1,334	Nonwhite	282	154	Banks	105	27
Nonwhite	680	341	Clearwater	486	205	Barrow	135	77
Balance of county	1,684	808	White	398	175	White	75	55
White	1,499	611	Nonwhite	88	30	Nonwhite	60	22
Nonwhite	185	198	Balance of county	250	556	Bartow	752	170
Holmes	422	98	Polk	2,718	1,006	White	660	132
Indian River	293	98	White	2,158	792	Nonwhite	92	38
White	213	68	Nonwhite	580	224	Ben Hill	486	116
Nonwhite	80	30	Lakeland	926	364	White	338	84
Jackson	1,015	342	White	795	295	Nonwhite	147	32
White	879	205	Nonwhite	131	69	Berrien	299	84
Nonwhite	336	139	Balance of county	1,792	642	White	253	69
Jefferson	280	107	White	1,343	487	Nonwhite	46	15
White	70	32	Nonwhite	449	155			
Nonwhite	210	75						

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
GEORGIA—Continued			GEORGIA—Continued			GEORGIA—Continued		
Bibb-----	3,390	1,152	Cook-----	230	69	Fulton—Continued		
White-----	2,229	651	White-----	152	34	Balance of county-----	570	656
Nonwhite---	1,161	501	Nonwhite---	78	34	White-----	452	496
Macon-----	3,288	1,063	Coveta-----	893	233	Nonwhite---	118	166
White-----	2,219	801	White-----	550	154	Gilmer-----	290	57
Nonwhite---	1,069	462	Nonwhite---	343	79	Clascock-----	64	21
Balance of county-----	102	99	Crawford-----	144	48	White-----	36	16
White-----	10	50	White-----	12	15	Nonwhite---	28	5
Nonwhite---	92	39	Nonwhite---	132	35	Clynn-----	855	273
Bleckley-----	173	67	Crisp-----	435	142	White-----	593	143
White-----	90	34	White-----	174	63	Nonwhite---	262	130
Nonwhite---	83	33	Nonwhite---	261	79	Brunswick-----	789	216
Brantley-----	147	32	Dade-----	133	37	White-----	567	112
White-----	119	25	Dawson-----	59	20	Nonwhite---	222	104
Nonwhite---	28	7	Decatur-----	737	214	Balance of county-----	66	57
Brooks-----	662	186	White-----	392	98	White-----	28	31
White-----	308	84	Nonwhite---	345	116	Nonwhite---	40	26
Nonwhite---	353	102	De Kalb-----	2,333	1,005	Gordon-----	488	103
Bryan-----	124	36	White-----	2,101	855	Grady-----	508	153
White-----	35	14	Nonwhite---	232	150	White-----	308	103
Nonwhite---	89	22	Atlanta (part)-----	20	155	Nonwhite---	200	50
Bulloch-----	768	183	White-----	4	133	Greene-----	258	102
White-----	434	117	Nonwhite---	16	22	White-----	64	38
Nonwhite---	334	66	Decatur-----	49	99	Nonwhite---	194	64
Burke-----	610	161	White-----	4	73	Gwinnett-----	668	182
White-----	36	31	Nonwhite---	45	26	White-----	595	155
Nonwhite---	572	130	Balance of county-----	2,264	751	Nonwhite---	71	27
Butts-----	166	65	White-----	171	102	Habersham-----	453	102
White-----	65	24	Nonwhite---	502	96	Hall-----	1,073	316
Nonwhite---	121	41	Dodge-----	310	69	Gainesville-----	735	153
Calhoun-----	268	64	White-----	192	29	White-----	643	120
White-----	66	20	Nonwhite---	408	117	Nonwhite---	92	33
Nonwhite---	202	44	Dooly-----	155	46	Balance of county-----	338	165
Camden-----	141	33	White-----	253	71	White-----	274	105
White-----	25	8	Nonwhite---	1,161	375	Nonwhite---	19	24
Nonwhite---	116	25	Dougherty-----	699	154	Haralson-----	285	81
Candler-----	270	72	White-----	462	219	White-----	280	83
White-----	176	39	Nonwhite---	1,061	321	Nonwhite---	263	74
Nonwhite---	94	34	Albany-----	696	140	White-----	27	9
Carroll-----	1,136	282	White-----	366	181	Nonwhite---	242	60
White-----	961	215	Nonwhite---	100	52	White-----	39	33
Nonwhite---	175	66	Balance of county-----	4	14	Nonwhite---	203	47
Catoosa-----	261	46	Douglas-----	96	38	Hart-----	214	54
Charlton-----	180	35	White-----	150	59	White-----	115	35
White-----	131	24	Nonwhite---	72	45	Nonwhite---	99	19
Nonwhite---	49	11	White-----	58	14	Heard-----	104	47
Chatham-----	4,091	1,626	Nonwhite---	595	151	White-----	50	35
White-----	2,564	783	Early-----	246	53	Nonwhite---	54	12
Nonwhite---	1,497	833	White-----	549	98	Henry-----	374	131
Savannah-----	3,899	1,381	Nonwhite---	42	13	White-----	103	55
White-----	2,578	696	Echols-----	19	6	Nonwhite---	271	76
Nonwhite---	1,321	635	White-----	24	7	Houston-----	385	119
Balance of county-----	192	245	Nonwhite---	218	70	White-----	127	51
White-----	16	105	Effingham-----	99	28	Nonwhite---	258	68
Nonwhite---	176	140	White-----	119	42	Irwin-----	479	111
Chattahoochee-----	890	67	Nonwhite---	471	164	White-----	307	62
White-----	761	54	Elbert-----	274	93	Nonwhite---	172	49
Nonwhite---	129	13	White-----	197	71	Jackson-----	623	124
Chattooga-----	623	123	Nonwhite---	472	146	White-----	531	96
Cherokee-----	476	162	White-----	254	96	Nonwhite---	92	28
Clarke-----	1,400	369	Nonwhite---	218	50	Jasper-----	154	75
White-----	1,143	241	Evans-----	159	39	White-----	31	31
Nonwhite---	257	128	White-----	67	19	Nonwhite---	123	44
Athens-----	1,328	335	Nonwhite---	92	20	Jeff Davis-----	324	60
White-----	1,128	223	Fannin-----	350	95	White-----	262	52
Nonwhite---	200	112	Fayette-----	112	55	Nonwhite---	62	28
Balance of county-----	72	34	White-----	34	34	Jefferson-----	504	130
White-----	15	18	Nonwhite---	78	21	White-----	177	59
Nonwhite---	57	16	Floyd-----	2,097	685	Nonwhite---	327	71
Clay-----	142	52	White-----	1,865	494	Jenkins-----	417	133
White-----	7	10	Nonwhite---	232	121	White-----	230	59
Nonwhite---	135	42	Rome-----	1,994	395	Nonwhite---	167	74
Clayton-----	107	55	White-----	1,795	321	Johnson-----	229	46
White-----	35	37	Nonwhite---	139	74	White-----	104	24
Nonwhite---	74	18	Balance of county-----	103	290	Nonwhite---	125	22
Clinch-----	222	41	White-----	70	173	Jones-----	171	71
White-----	137	23	Nonwhite---	33	117	White-----	25	20
Nonwhite---	85	18	Forsyth-----	377	82	Nonwhite---	146	51
Cobb-----	1,370	373	Franklin-----	559	93	Lamar-----	197	83
White-----	1,234	298	White-----	501	76	White-----	65	49
Nonwhite---	136	75	Nonwhite---	58	17	Nonwhite---	132	34
Coffee-----	667	206	Fulton-----	14,811	4,651	Lenier-----	47	6
White-----	662	149	White-----	10,369	2,872	White-----	26	6
Nonwhite---	205	57	Nonwhite---	3,943	1,779	Nonwhite---	21	2
Colquitt-----	1,129	243	Atlanta (part) ³ -----	14,222	3,933	Laurens-----	1,112	422
White-----	872	179	White-----	10,406	2,339	White-----	721	220
Nonwhite---	257	64	Nonwhite---	3,815	1,594	Nonwhite---	391	202
Moultrie-----	937	167	Atlanta (total) ³ -----	14,242	4,098	Lee-----	186	51
White-----	779	116	White-----	10,430	2,472	White-----	21	11
Nonwhite---	158	51	Nonwhite---	3,812	1,616	Nonwhite---	165	40
Balance of county-----	192	76	District 1511, Center Hill ³ -----			Liberty-----	256	81
White-----	93	63	White-----			White-----	62	19
Nonwhite---	99	13	Nonwhite---			Nonwhite---	194	62
Columbia-----	162	59	East Point-----	19	62	Lincoln-----	110	28
White-----	13	20	White-----	10	45	White-----	18	9
Nonwhite---	149	39	Nonwhite---	9	17	Nonwhite---	92	19

³Figures for District 1511, Center Hill, are included in those for Atlanta.

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
GEORGIA—Continued			GEORGIA—Continued			GEORGIA—Continued		
Long	89	25	Richmond—Continued			Ware—Continued		
White	51	10	Balance of county	287	166	Balance of county	118	42
Nonwhite	37	15	White	232	102	White	83	28
Lowndes	1,322	341	Nonwhite	55	64	Nonwhite	35	14
White	890	209	Rockdale	132	49	Warren	212	83
Nonwhite	432	132	White	40	26	White	14	26
Valdosta	901	250	Nonwhite	92	23	Nonwhite	198	57
White	665	155	Schley	99	36	Washington	686	170
Nonwhite	236	95	White	20	19	White	258	67
Balance of county	421	91	Nonwhite	79	17	Nonwhite	428	103
White	225	54	Screven	485	92	Wayne	658	128
Nonwhite	196	37	White	115	28	White	571	96
Lumpkin	152	37	Nonwhite	370	64	Nonwhite	87	32
McDuffie	171	65	Seminole	368	92	Webster	109	41
White	15	22	White	235	59	White	6	12
Nonwhite	156	41	Nonwhite	133	33	Nonwhite	102	29
McIntosh	158	65	Spalding	903	280	Wheeler	128	37
White	25	18	White	671	180	White	70	20
Nonwhite	130	45	Nonwhite	232	100	Nonwhite	58	17
Macon	526	162	Griffin	778	197	White	189	37
White	208	45	White	645	122	Whitfield	1,074	205
Nonwhite	318	117	Nonwhite	133	75	Balance of county	1,022	133
Madison	135	71	Balance of county	125	63	White	986	118
White	73	55	White	26	58	Nonwhite	36	15
Nonwhite	62	16	Nonwhite	99	25	Balance of county	52	72
Marion	185	53	Stephens	532	87	Wilcox	191	53
White	37	27	White	453	56	White	91	27
Nonwhite	148	26	Nonwhite	79	31	Nonwhite	100	26
Marion	607	168	Stewart	263	68	Wilkes	581	174
White	246	76	White	22	14	White	543	88
Nonwhite	361	92	Nonwhite	241	54	Nonwhite	238	86
Miller	253	75	Sumter	912	299	Wilkinson	217	72
White	154	50	White	462	111	White	87	29
Nonwhite	99	25	Nonwhite	450	188	Nonwhite	130	43
Mitchell	716	177	Talbot	221	61	Worth	491	109
White	323	80	White	33	18	White	156	44
Nonwhite	393	97	Nonwhite	189	43	Nonwhite	355	65
Monroe	229	74	Taliaferro	89	34	IDAHO		
White	94	35	White	5	6		15,843	4,660
Nonwhite	135	39	Nonwhite	84	28	White		4,582
Montgomery	97	44	Tattall	399	90	Nonwhite	196	78
White	29	27	White	284	50	Ada	1,916	593
Nonwhite	68	17	Nonwhite	115	40	Boise City	1,908	399
Morgan	393	121	Taylor	259	67	Balance of county	8	194
White	167	51	White	141	32	Adams	151	47
Nonwhite	226	70	Nonwhite	117	35	Bannock	1,580	312
Murray	147	60	Telfair	394	91	Pocatello	1,357	270
Muscogee	3,201	888	White	259	96	Balance of county	23	42
White	2,324	528	Nonwhite	135	35	Bear Lake	195	47
Nonwhite	877	360	Terrill	397	142	Bonewah	123	69
Columbus	3,008	757	White	53	33	Bingham	456	156
White	2,303	457	Nonwhite	344	109	Elaine	143	44
Nonwhite	705	300	Thomas	936	369	Boise	-	12
Balance of county	193	131	White	514	195	Bonneville	290	145
White	21	71	Nonwhite	422	174	Boiseville	1,097	232
Nonwhite	172	60	Thomasville	611	229	Idaho Falls	1,097	203
Newton	567	143	White	411	124	Balance of county	-	29
White	844	78	Nonwhite	200	105	Boundary	151	59
Nonwhite	223	65	Balance of county	325	140	Butte	20	7
Oconee	115	51	White	103	71	Camas	9	4
White	48	30	Nonwhite	222	69	Canyon	1,510	474
Nonwhite	67	21	Tift	883	177	Hampa	981	271
Oglethorpe	181	61	White	656	108	Balance of county	529	203
White	26	23	Nonwhite	207	69	Caribou	194	25
Nonwhite	155	38	Tocoms	635	138	Cassin	424	94
Paulding	295	75	White	475	94	Clark	-	5
White	251	66	Nonwhite	160	44	Clearwater	174	105
Nonwhite	44	9	Towns	31	23	Custer	22	20
Peach	307	75	Treutlen	108	36	Elmore	43	35
White	136	21	White	65	29	Franklin	316	50
Nonwhite	171	54	Nonwhite	43	7	Fremont	193	67
Pickens	293	70	Troup	1,843	439	Gem	255	68
Pierce	191	76	White	1,284	257	Gooding	730	110
White	123	54	Nonwhite	579	182	Idaho	326	102
Nonwhite	68	22	La Grange	1,010	264	Jefferson	292	48
Pike	275	72	White	772	160	Jerome	2	42
White	142	34	Nonwhite	238	104	Kootenai	544	225
Nonwhite	133	38	Balance of county	833	175	Coeur d'Alene	469	148
Polk	628	195	White	492	97	Balance of county	75	77
White	485	146	Nonwhite	341	78	Latah	561	140
Nonwhite	143	49	Turner	151	46	Lemhi	152	66
Pulaski	354	78	White	36	14	Lewis	5	25
White	196	41	Nonwhite	115	32	Lincoln	6	19
Nonwhite	158	37	Twigg	192	95	Madison	362	52
Putnam	169	73	White	20	19	Minidoka	543	86
White	41	27	Nonwhite	172	36	Nez Perce	752	261
Nonwhite	128	46	Union	142	32	Lewiston	743	203
Quitman	94	25	Upson	712	210	Balance of county	9	58
White	2	7	White	524	125	Oneida	156	33
Nonwhite	82	18	Nonwhite	168	85	Owyhee	8	21
Rabun	402	33	Walker	810	172	Payette	92	85
Randolph	477	182	Walton	567	153	Power	179	29
White	155	75	White	340	96	Shoshone	577	196
Nonwhite	322	107	Nonwhite	227	57	Teton	99	24
Richmond	3,039	1,216	Ware	1,020	317	Twin Falls	1,520	317
White	2,182	754	White	796	207	Twin Falls	415	127
Nonwhite	907	482	Nonwhite	222	110	Balance of county	905	190
Augusta	2,772	1,050	Waycross	902	275	Valley	62	31
White	1,920	632	White	715	179	Washington	213	79
Nonwhite	852	418	Nonwhite	187	96	Yellowstone National Park (part)	-	-

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
ILLINOIS	192,310	92,393	ILLINOIS—Continued			ILLINOIS—Continued		
White	177,430	65,107	Kankakee	1,596	1,475	Vermilion—Continued		
Nonwhite	14,880	7,286	Kankakee	1,524	352	Balance of county	58	433
Adams	1,727	931	Balance of county	72	1,123	Wabash	186	107
Quincy	1,699	749	Kendall	3	59	Warren	648	261
Balance of county	28	182	Knox	1,362	597	Washington	53	220
Alexander	656	357	Galesburg	1,353	469	Wayne	261	161
White	702	227	Balance of county	9	129	White	240	184
Nonwhite	154	130	Lake	3,744	1,536	Whiteville	1,100	480
Cairo	774	285	Waukegan	952	245	Sterling	696	211
White	660	178	Highland Park	400	144	Balance of county	414	269
Nonwhite	114	107	Balance of county	2,392	946	Will	2,914	1,279
Balance of county	82	72	La Salle	2,535	1,140	Joliet	2,869	856
Bond	42	49	La Salle	455	172	Balance of county	46	423
Boone	436	232	Ottawa	729	224	Williamson	1,248	591
Brown	35	95	Streator	915	255	Winnebago	3,769	1,361
Bureau	924	442	Balance of county	456	469	Rockford	3,708	1,062
Calhoun	90	53	Lawrence	175	175	Balance of county	61	299
Cerro	362	181	Lee	752	481	Woodford	37	143
Cass	379	157	Dixon	626	177			
Champaign	2,486	786	Balance of county	126	304	INDIANA	96,726	40,410
Urbana	955	297	Livingston	755	436	White	92,729	38,296
Balance of county	71	259	Logan	652	469	Nonwhite	3,997	2,114
Christian	926	351	Lincoln	631	355	Adams	734	220
Clark	93	145	Balance of county	21	114	Allon	5,059	1,921
Clay	152	107	McDonough	694	369	Fort Wayne	4,939	1,519
Clinton	592	195	McHenry	789	435	Balance of county	121	502
Centralia (part)	2	2	McLean	2,097	871	Bartholomew	943	352
Balance of county	390	193	Bloomington	1,780	588	Columbus	906	201
Colles	1,150	441	Balance of county	517	285	Balance of county	37	151
Mattoon	779	166	Macon	2,784	1,050	Benton	45	67
Balance of county	371	253	Decatur	2,766	887	Blufford	353	146
Cook	100,549	47,899	Balance of county	18	143	Boone	710	261
Chicago	82,690	39,154	Macoupin	545	355	Brown	46	38
White	70,071	34,009	Madison	4,251	1,837	Carroll	50	121
Nonwhite	12,619	5,145	Alton	2,264	562	Cann	1,132	643
Beryn	511	341	Granite City	1,116	320	Logansport	1,113	365
Cicero	13	341	Balance of county	951	955	Balance of county	19	279
Elgin (part)	-	2	Marion	1,227	455	Clark	957	342
Evanston	3,927	995	Centralia (part)	768	215	Jeffersonville	783	192
Maywood	8	141	Centralia (total)	461	242	White	746	177
Oak Park	4,756	1,001	Balance of county	23	89	Nonwhite	37	15
Blue Island	973	246	Marshall	55	108	Balance of county	174	150
Brookfield	5	75	Mason	270	193	Clay	483	266
Calumet City	2	69	Massac	250	165	Clinton	847	313
Chicago Heights	1,173	245	Menard	20	28	Frankfort	833	200
Elmwood Park	9	48	Mercer	38	68	Balance of county	14	113
Forest Park	-	125	Monroe	19	92	Crawford	159	86
Harvey	993	191	Montgomery	14	83	Davies	664	345
La Grange	5	48	Morgan	979	504	Dearborn	82	193
Melrose Park	712	142	Jacksonville	845	822	Decatur	475	256
Park Ridge	3	84	Balance of county	787	720	De Kalb	809	308
Wilmette	1	93	Moultrie	58	102	Delaware	2,427	805
Winnetka	1	55	Ogle	45	75	Muncie	2,404	635
Balance of county	3,358	4,335	Peoria	356	269	Balance of county	23	170
Crawford	490	223	Peoria	5,209	2,169	Dubois	690	212
Cumberland	66	81	Balance of county	5,114	1,503	Kilbuck	2,301	765
De Kalb	1,075	449	Perry	95	666	Kilbuck	1,422	380
De Witt	248	177	Piatt	642	280	Gosben	801	162
Douglas	450	178	Pike	182	113	Balance of county	78	223
Du Page	1,911	1,007	Pope	393	242	Fayette	592	212
Elmhurst	1,371	289	Pulaski	70	69	Connersville	581	170
Balance of county	540	718	White	164	123	Balance of county	11	42
Edgar	496	277	Nonwhite	85	64	Floyd	1,589	537
Edwards	72	67	Putnam	99	59	New Albany	1,518	419
Effingham	946	289	Randolph	4	32	Balance of county	51	118
Fayette	590	296	Richland	697	348	Fountain	97	153
York	262	144	Rock Island	659	270	Franklin	80	151
Franklin	497	428	Moline	3,317	1,547	Fulton	390	191
West Frankfort	43	155	Rock Island	2,373	615	Gibson	881	327
Balance of county	454	293	East Moline	485	315	Grant	1,559	709
Fulton	953	444	Balance of county	82	132	Marion	1,513	407
Genoa	987	237	St. Clair	4,434	1,962	Balance of county	46	302
Balance of county	46	207	White	4,175	1,705	Greene	709	276
Gallatin	154	84	Nonwhite	259	257	Hamilton	491	265
Greene	549	183	Bellefontaine	1,388	459	Hancock	77	162
Grundy	398	171	East St. Louis	2,640	1,002	Harrison	293	163
Hamilton	247	125	White	2,448	807	Hendricks	58	197
Hancock	223	232	Nonwhite	192	195	Henry	1,442	490
Hardin	165	71	Balance of county	406	502	New Castle	71	116
Henderson	22	35	Saline	1,038	424	Balance of county	1,371	374
Henry	1,110	498	Harrisburg	476	152	Howard	1,857	538
Kewanee	792	263	Balance of county	562	272	Kokomo	1,529	429
Balance of county	318	225	Sangamon	3,438	1,613	Balance of county	23	109
Iroquois	592	284	Springfield	3,371	1,394	Huntington	773	345
Jackson	1,136	393	Balance of county	67	218	Huntington	749	178
Jasper	58	94	Schuyler	129	113	Balance of county	30	167
Jefferson	1,086	336	Scott	26	54	Jackson	953	288
Mount Vernon	906	181	Shelby	420	206	Jasper	551	159
Balance of county	180	147	Stark	9	50	Jay	556	252
Jersey	124	99	Stephenson	1,520	528	Jefferson	625	376
Jo Daviess	100	163	Freeport	1,288	434	Jennings	123	159
Johnson	137	112	Balance of county	32	94	Johnson	367	248
Kane	4,896	2,161	Tazewell	1,018	435	Knox	1,158	470
Aurora	2,430	731	Pekin	752	213	Vincennes	1,069	284
Elgin (part)	1,741	983	Balance of county	286	222	Balance of county	69	186
Elgin (total)	1,741	985	Union	480	478	Kosciusko	637	335
Balance of county	725	447	Vermilion	2,205	1,188	Lagrange	109	141
			Vermilion	2,147	755			

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
INDIANA—Continued			IOWA—Continued			IOWA—Continued		
Lake	9,631	3,029	Black Hawk	3,112	909	Pottawattomie	2,048	775
Gary	4,671	1,292	Waterloo	1,619	479	Council Bluffs	2,025	554
White	3,795	944	Balance of county	1,493	430	Balance of county	23	139
Nonwhite	876	348	Boone	563	353	Poweshiek	472	209
East Chicago	1,985	555	Boone	550	208	Ringgold	47	75
White	1,717	467	Balance of county	13	145	Sac	209	100
Nonwhite	268	88	Bremer	454	176	Scott	2,935	1,075
Hammond	2,921	729	Buchanan	384	311	Davenport	2,894	928
Whiting	8	50	Buena Vista	598	155	Balance of county	11	147
Balance of county	4	403	Butler	103	113	Shelby	279	106
La Porte	2,179	822	Calhoun	269	129	Sioux	595	158
Michigan City	913	334	Carroll	1,073	247	Story	1,155	283
La Porte	1,239	332	Cass	535	176	Ames	1,116	157
Balance of county	27	158	Cedar	38	116	Balance of county	39	126
Lawrence	1,066	346	Cerro Gordo	1,491	524	Tama	141	158
Bedford	899	202	Mason City	1,440	423	Taylor	59	115
Balance of county	177	144	Balance of county	51	101	Union	657	197
Madison	2,964	969	Cherokee	452	326	Van Buren	60	81
Anderson	2,208	565	Chickasaw	328	129	Wapello	1,473	553
Elwood	698	160	Clarke	298	107	Ottumwa	1,436	441
Balance of county	58	244	Clay	485	149	Balance of county	37	112
Marion	15,100	6,576	Clayton	358	207	Warren	221	135
White	13,562	5,666	Clinton	1,555	551	Washington	548	182
Nonwhite	1,538	910	Clinton	1,336	407	Wayne	133	102
Indianapolis	12,928	5,610	Balance of county	19	144	Webster	1,780	514
White	11,405	4,765	Crawford	380	134	Port Dodge	1,747	423
Nonwhite	1,523	845	Dallas	419	232	Balance of county	33	81
Balance of county	2,172	966	Davis	51	75	Winnebago	409	109
Marshall	683	313	Decatur	313	127	Winneshiek	455	222
Martin	115	64	Delaware	326	126	Woodbury	3,454	1,267
Miami	719	301	Des Moines	1,172	572	Sioux City	3,327	1,135
Peru	676	185	Burlington	1,165	513	Balance of county	107	132
Balance of county	43	116	Balance of county	7	59	Worth	24	69
Monroe	1,138	322	Dickinson	257	106	Wright	384	137
Bloomington	1,032	204	Dubuque	2,039	892			
Balance of county	106	118	Dubuque	1,857	746			
Montgomery	822	364	Balance of county	182	136			
Crawfordsville	807	217	Emmet	552	126			
Balance of county	15	147	Fayette	698	284			
Morgan	446	215	Floyd	567	208			
Newton	30	78	Franklin	425	120			
Woble	794	284	Fremont	279	129	Allen	475	260
Ohio	29	35	Greene	467	149	Anderson	188	112
Orange	332	168	Grundy	44	93	Atchison	412	259
Owen	82	117	Guthrie	151	122	Atchison	403	182
Parke	81	169	Hamilton	430	149	White	382	160
Perry	325	157	Hancock	176	73	Nonwhite	21	22
Pike	74	139	Hardin	602	224	Balance of county	9	77
Porter	782	313	Harrison	300	166	Barber	253	86
Posey	219	167	Henry	349	342	Barton	1,094	279
Pulaski	263	101	Howard	348	122	Bourbon	582	270
Putnam	601	218	Humboldt	29	76	Fort Scott	537	221
Randolph	640	309	Ida	255	102	Balance of county	25	49
Ripley	1,059	270	Iowa	225	146	Brown	281	162
Rush	447	223	Jackson	174	170	Butler	525	262
St. Joseph	4,971	1,624	Jasper	502	250	El Dorado	505	175
South Bend	3,888	1,063	Newton	425	155	Balance of county	20	89
Michovaska	1,056	285	Balance of county	77	36	Chase	64	32
Balance of county	27	276	Jefferson	465	169	Chautauque	117	48
Scott	469	89	Johnson	1,889	687	Cherokee	388	240
Shelby	734	392	Iowa City	1,863	717	Cheyenne	139	42
Shelbyville	715	202	Balance of county	26	170	Clark	127	29
Balance of county	19	190	Jones	629	169	Clay	300	169
Sponsor	195	155	Keokuk	204	140	Cloud	598	248
Starke	136	116	Kossuth	595	165	Coffey	100	96
Stauben	249	173	Lee	1,577	616	Comanche	9	19
Sullivan	550	309	Fort Madison	605	202	Cowley	924	446
Switzerland	61	84	Keokuk	967	344	Arkansas City	372	146
Tipton	2,545	889	Balance of county	5	70	Balance of county	552	300
Lafayette	2,525	690	Linn	2,794	1,054	Crawford	931	516
Balance of county	20	189	Cedar Rapids	2,758	618	Pittsburg	40	166
Tipton	118	114	Balance of county	36	236	Balance of county	891	350
Union	18	59	Louisa	30	35	Decatur	101	49
Vanderburgh	4,817	1,995	Lucas	269	175	Dickinson	431	253
Evansville	4,669	1,581	Lyon	197	75	Doniphan	136	73
Balance of county	148	404	Madison	89	111	Douglas	913	300
Vermillion	333	139	Mahaska	908	313	Lawrence	895	232
Vigo	2,800	1,368	Oskaloosa	872	220	Balance of county	18	68
Terre Haute	2,648	1,072	Balance of county	36	93	Edwards	11	39
Balance of county	152	296	Marion	320	281	Elk	13	40
Wabash	594	259	Marshall	1,198	435	Ellis	996	179
Warren	168	73	Marshalltown	1,142	314	Ellsworth	210	103
Warrick	169	160	Balance of county	56	121	Finney	775	126
Washington	291	155	Mills	72	127	Ford	625	300
Wayne	1,764	963	Mitchell	358	102	Franklin	497	239
Richmond	85	279	Monroe	350	97	Ottawa	481	178
Balance of county	1,681	684	Monroe	227	157	Balance of county	16	61
Wells	499	257	Montgomery	409	145	Geary	564	140
White	77	144	Muscatine	833	398	Gove	136	31
Whitley	20	151	Muscatine	822	321	Graham	28	24
IOWA	65,007	26,625	Balance of county	11	78	Grant	1	14
White	64,525	26,345	O'Brien	494	145	Gray	16	15
Nonwhite	482	280	Osceola	281	89	Greeley	25	10
Adair	132	97	Page	695	368	Greenwood	252	125

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, 1947—Continued

(See headnote on p. 28)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
KANSAS—Continued			KENTUCKY-----			KENTUCKY—Continued		
Jackson	212	135	White-----	75,764	24,567	Henderson—Continued		
Jefferson	60	105	Nonwhite--	4,045	3,436	Henderson	598	234
Jewell	20	79	Adair	381	135	White-----	541	162
Johnson	216	265	Allen	328	147	Nonwhite--	57	52
Kearny	41	23	Anderson	116	73	Balance of county--	135	108
Kingsman	226	75	Ballard	72	80	White-----	115	89
Kiowa	27	16	Barren	1,020	389	Nonwhite--	20	19
Labette	748	392	Bath	150	99	Henry	117	113
Parsons	31	153	Bell	1,672	456	Hickman	127	72
Balance of county	717	239	Middlesborough	691	185	White-----	108	84
Lane	6	5	Balance of county--	981	273	Nonwhite--	19	8
Leavenworth	699	659	Boone	108	111	Hopkins	926	398
White	619	550	Bourbon	453	214	White-----	847	337
Nonwhite--	80	109	Boyd	366	153	Nonwhite--	79	61
Leavenworth	691	302	White	47	61	Jackson	266	66
White	621	252	Nonwhite--	1,504	396	Jefferson	13,502	5,712
Nonwhite--	70	50	Ashland	1,436	308	White-----	12,296	4,594
Balance of county	208	357	Balance of county--	68	78	Nonwhite--	1,306	1,118
Lincoln	30	45	Boyle	653	266	Louisville	13,313	4,594
Lin	106	101	White	629	219	White-----	12,051	3,731
Logan	10	14	Nonwhite--	24	47	Nonwhite--	1,262	863
Lyon	856	320	Bracken	87	83	Balance of county	289	1,118
Exporia	845	274	Breathitt	503	84	Jessamine	115	94
Balance of county	11	46	Breckinridge	384	152	White-----	100	72
McPherson	475	182	Bullitt	167	75	Nonwhite--	15	22
Marion	345	153	Butler	251	104	Johnson	958	235
Marshall	408	185	Caldwell	321	144	Kenton	3,743	1,243
Meade	81	31	White	306	125	Covington	3,864	1,025
Miami	300	303	Nonwhite--	15	19	Balance of county	79	218
Mitchell	415	161	Calloway	546	182	Knott	654	76
Montgomery	1,278	532	Campbell	869	720	Knox	879	234
Coffeyville	628	164	Newport	52	248	Larue	240	96
White	577	140	Fort Thomas	6	80	Laurel	739	185
Nonwhite--	49	24	Balance of county	810	394	Lawrence	472	140
Independence	540	192	Carlisle	71	40	Lee	147	54
White	502	171	Carroll	137	73	Leslie	498	69
Nonwhite--	38	21	Carter	737	150	Letcher	1,505	269
Balance of county	112	176	Casey	458	129	Lewis	377	121
Morris	108	87	Christian	896	760	Lincoln	545	185
Morton	70	11	White	679	520	Livingston	92	77
Neosho	386	144	Nonwhite--	217	240	Logan	506	253
Neosho	416	215	Hopkinsville	599	306	White-----	445	211
Chamate	346	158	White	472	172	Nonwhite--	61	42
Balance of county	70	77	Nonwhite--	127	134	Lyon	98	80
Ness	133	39	Balance of county	297	454	White-----	93	74
Norton	269	175	Clark	207	348	Nonwhite--	5	6
Oaage	70	118	White	90	105	McCracken	1,492	627
Osborne	99	67	Nonwhite--	491	235	White-----	1,377	506
Ottawa	34	65	White	446	183	Nonwhite--	115	121
Pawnee	111	184	Nonwhite--	45	52	Feducah	1,375	529
Phillips	121	69	Clay	1,086	114	White-----	1,272	416
Pottawatomie	265	136	Clinton	422	65	Nonwhite--	103	113
Pratt	294	109	Crittenden	296	115	Balance of county	117	98
Rawlins	15	28	Cumberland	174	72	McCreary	435	64
Reno	1,274	454	Daviess	1,930	656	McLean	162	84
Ruthtinson	1,253	352	Owensboro	1,623	513	Madison	1,083	325
Balance of county	21	102	Balance of county	307	143	White-----	1,040	274
Republic	218	104	Edmonson	206	70	Nonwhite--	43	51
Rice	341	116	Elliott	169	30	Magoffin	394	56
Riley	722	167	Estill	357	104	Marion	953	175
Manhattan	722	134	Fayette	2,856	1,403	Marshall	149	92
Balance of county	-	33	White	2,511	1,064	Martin	308	59
Rooks	82	38	Nonwhite--	345	339	Mason	860	288
Rush	94	55	Lexington	2,787	1,163	White-----	821	252
Russell	269	77	White	2,453	864	Nonwhite--	39	36
Saline	1,222	352	Nonwhite--	334	299	Meade	129	55
Salina	1,061	311	Balance of county	69	240	Manifee	206	52
Balance of county	161	41	White	59	200	Mercer	343	158
Scott	32	15	Nonwhite--	11	40	Metcalfe	194	88
Sedgwick	5,993	1,762	Fleming	222	134	Monroe	361	94
Wichita	5,822	1,494	Floyd	1,692	351	Montgomery	500	143
Balance of county	171	278	Franklin	723	270	White-----	474	116
Seward	442	102	Frankfort	704	197	Nonwhite--	26	27
Shawnee	2,671	1,351	White	676	166	Morgan	367	94
Topoka	2,629	922	Nonwhite--	28	31	Muhlenberg	981	316
Balance of county	42	429	Balance of county	19	73	Nelson	468	156
Sheridan	20	21	Fulton	531	202	Nicholas	115	98
Sherman	326	59	White	465	168	Ohio	476	175
Smith	185	97	Nonwhite--	66	34	Oldham	297	116
Stafford	170	73	Gallatin	65	45	White-----	285	106
Stanton	1	8	Gerrard	96	77	Nonwhite--	12	10
Stevens	13	6	White	75	62	Owen	97	88
Sumner	440	235	Nonwhite--	21	15	Owsley	159	29
Thomas	371	73	Grant	164	91	Pendleton	126	92
Trego	6	25	Graves	712	289	Perry	1,743	353
Wabamsee	35	54	Grayson	353	149	Pike	2,540	515
Wallace	4	8	Green	240	91	Powell	185	50
Washington	35	81	Greenup	395	140	Pulaski	1,344	350
Wichita	10	8	Hancock	95	44	Robertson	51	23
Wilson	209	170	Hardin	1,037	286	Rockcastle	328	70
Woodson	64	58	Harlan	2,404	502	Rowan	309	72
Wyandotte	4,142	1,898	White	2,248	436	Russell	197	86
White	3,261	1,548	Nonwhite--	156	64	Scott	318	161
Nonwhite--	881	350	Harrison	323	153	White-----	295	135
Kansas City	4,121	1,726	Hart	844	110	Nonwhite--	21	26
White	3,247	1,406	Henderson	733	342	Shelby	506	159
Nonwhite--	874	320	White	656	271	White-----	453	127
Balance of county	21	172	Nonwhite--	77	71	Nonwhite--	53	32

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
KENTUCKY—Continued			LOUISIANA—Continued			LOUISIANA—Continued		
Simpson-----	309	119	East Baton Rouge—Continued			Rapides-----	3,154	1,367
White-----	263	92	Baton Rouge-----	1,062	309	White-----	2,027	758
Nonwhite-----	46	27	White-----	162	627	Nonwhite-----	1,127	609
Spencer-----	135	35	Nonwhite-----	235	147	Alexandria-----	1,524	359
Staylor-----	253	106	Balance of parish-----	2,902	667	White-----	1,399	244
Todd-----	186	122	White-----	2,115	368	Nonwhite-----	125	115
White-----	167	68	Nonwhite-----	787	279	Balance of parish-----	1,850	1,008
Nonwhite-----	29	34	East Carroll-----	445	120	White-----	628	514
Trigg-----	250	92	White-----	133	24	Nonwhite-----	1,002	494
White-----	211	75	East Feliciana-----	312	96	Red River-----	213	92
Nonwhite-----	19	17	White-----	390	503	White-----	69	46
Trimble-----	63	30	Nonwhite-----	116	261	Nonwhite-----	124	46
Union-----	381	137	Evangeline-----	272	242	Richland-----	709	172
White-----	351	119	White-----	656	216	White-----	462	76
Nonwhite-----	30	18	Nonwhite-----	432	173	Nonwhite-----	227	96
Warren-----	1,159	412	Franklin-----	224	45	Sabine-----	568	121
White-----	1,087	337	White-----	910	171	White-----	477	91
Nonwhite-----	72	75	Nonwhite-----	565	88	Nonwhite-----	111	30
Bowling Green-----	923	241	Grant-----	345	83	St. Bernard-----	3	40
White-----	880	184	White-----	70	61	White-----	3	29
Nonwhite-----	43	57	Nonwhite-----	36	42	Nonwhite-----	-	11
Balance of county-----	256	171	Iberia-----	34	19	St. Charles-----	49	75
Washington-----	163	62	White-----	1,086	328	White-----	7	41
Wayne-----	482	83	Nonwhite-----	722	180	Nonwhite-----	42	34
Webster-----	280	149	New Iberia-----	364	148	St. Helena-----	90	45
White-----	250	127	White-----	684	177	White-----	15	23
Nonwhite-----	30	22	Nonwhite-----	540	102	Nonwhite-----	75	22
Whitley-----	875	211	Balance of parish-----	144	75	St. James-----	396	117
Wolf-----	227	63	White-----	402	151	White-----	183	44
Woodford-----	247	97	Nonwhite-----	182	78	Nonwhite-----	213	73
White-----	223	73	Iberville-----	220	73	St. John the Baptist-----	179	88
Nonwhite-----	24	24	White-----	749	260	White-----	88	39
LOUISIANA-----	74,415	25,712	Nonwhite-----	399	102	Nonwhite-----	91	49
White-----	46,927	13,919	Jackson-----	350	158	St. Landry-----	2,031	482
Nonwhite-----	27,488	9,793	White-----	497	109	White-----	1,006	234
Acadia-----	1,527	358	Nonwhite-----	303	69	Nonwhite-----	1,025	248
White-----	1,221	268	Jefferson-----	184	40	St. Martin-----	703	189
Nonwhite-----	306	90	White-----	249	452	White-----	473	95
Allen-----	600	169	Nonwhite-----	222	363	Nonwhite-----	230	94
White-----	481	116	Gretna-----	27	89	St. Mary-----	1,053	264
Nonwhite-----	119	53	White-----	20	59	White-----	662	133
Ascension-----	634	160	Nonwhite-----	14	39	Nonwhite-----	391	131
White-----	436	97	Balance of parish-----	6	20	St. Tammany-----	259	162
Nonwhite-----	198	73	White-----	229	393	White-----	129	107
Assumption-----	446	126	Nonwhite-----	206	324	Nonwhite-----	130	55
White-----	229	67	Jefferson Davis-----	21	69	Tangipahoa-----	1,280	402
Nonwhite-----	217	59	White-----	802	177	White-----	868	246
Avoyelles-----	980	222	Nonwhite-----	629	125	Nonwhite-----	412	154
White-----	744	142	Lafayette-----	173	42	Tensas-----	244	107
Nonwhite-----	236	80	White-----	2,215	588	White-----	51	20
Beauregard-----	526	122	Nonwhite-----	1,091	337	Nonwhite-----	193	87
White-----	456	102	Lafayette-----	1,124	281	Terrebonne-----	1,115	242
Nonwhite-----	70	20	White-----	1,927	480	White-----	996	163
Bienville-----	335	141	Nonwhite-----	925	265	Nonwhite-----	119	79
White-----	133	63	Balance of parish-----	1,002	215	Union-----	326	96
Nonwhite-----	202	78	White-----	288	108	White-----	174	65
Bossier-----	509	140	Nonwhite-----	166	72	Nonwhite-----	152	31
White-----	298	47	Lafourche-----	122	36	Vermilion-----	924	216
Nonwhite-----	211	93	White-----	1,150	219	White-----	811	176
Caddo-----	6,066	1,965	Nonwhite-----	1,041	173	Nonwhite-----	113	40
White-----	3,323	977	La Salle-----	109	46	Vernon-----	470	153
Nonwhite-----	2,743	988	White-----	343	69	White-----	399	122
Shreveport-----	5,602	1,688	Nonwhite-----	316	57	Nonwhite-----	71	31
White-----	3,098	886	Lincoln-----	27	12	Washington-----	1,214	281
Nonwhite-----	2,504	802	White-----	660	167	White-----	653	158
Balance of parish-----	484	277	Nonwhite-----	405	98	Nonwhite-----	355	123
White-----	225	91	Livingston-----	255	69	Bogalusa-----	905	191
Nonwhite-----	239	186	White-----	322	97	White-----	702	105
Calcasieu-----	2,339	586	Nonwhite-----	272	81	Nonwhite-----	203	86
White-----	1,814	410	Madison-----	50	16	Balance of parish-----	309	90
Nonwhite-----	525	176	White-----	460	133	White-----	157	53
Lake Charles-----	1,777	382	Nonwhite-----	134	31	Nonwhite-----	152	37
White-----	1,382	256	Morehouse-----	326	102	Webster-----	1,016	248
Nonwhite-----	385	126	White-----	854	231	White-----	711	135
Balance of parish-----	562	204	Nonwhite-----	437	84	Nonwhite-----	305	113
White-----	422	154	Natchitoches-----	417	147	West Baton Rouge-----	130	93
Nonwhite-----	140	50	White-----	1,085	285	White-----	12	23
Caldwell-----	244	77	Nonwhite-----	550	133	Nonwhite-----	118	70
White-----	188	53	Orleans, coextensive with-----	535	152	West Carroll-----	406	85
Nonwhite-----	56	24	New Orleans-----	20,899	7,419	White-----	302	61
Cameron-----	84	35	White-----	12,362	4,618	Nonwhite-----	104	24
White-----	215	67	Nonwhite-----	8,017	2,801	West Feliciana-----	172	84
Nonwhite-----	108	27	Ouachita-----	2,582	902	White-----	7	10
Claiborne-----	109	40	White-----	1,616	467	Nonwhite-----	165	74
White-----	443	164	Nonwhite-----	966	435	Winn-----	366	95
Nonwhite-----	143	73	Monroe-----	1,497	471	White-----	280	66
Concordia-----	300	91	White-----	1,231	307	Nonwhite-----	86	29
White-----	387	119	Nonwhite-----	264	164	MAINE-----	23,556	9,966
Nonwhite-----	224	91	Balance of parish-----	1,085	431	White-----	23,519	9,930
De Soto-----	603	178	White-----	368	160	Nonwhite-----	37	36
White-----	214	70	Elaqueumines-----	700	271	Androscoggin-----	2,529	903
Nonwhite-----	389	108	White-----	283	94	Lewiston-----	2,269	577
East Baton Rouge-----	3,964	976	Nonwhite-----	183	50	Auburn-----	13	143
White-----	2,942	550	Point Coupee-----	606	188	Balance of county-----	247	183
Nonwhite-----	1,022	426	White-----	282	77	Arcoostook-----	2,795	765
			Nonwhite-----	354	111			

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, 1947—Continued

(See footnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
MAINE—Continued			MARYLAND—Continued			MASSACHUSETTS—Continued		
Cumberland	4,613	1,659	St. Marys	901	163	Middlesex—Continued		
Portland	3,640	1,142	White	728	105	Woburn	501	178
South Portland	-	113	Nonwhite	173	58	Balance of county	1,029	1,241
Westbrook	239	102	Somerset	353	220	Nantucket	71	48
Balance of county	734	301	White	201	134	Norfolk	5,593	3,500
Franklin	495	188	Nonwhite	152	86	Brookline (town)	914	552
Hancock	699	378	Falbot	707	276	Quincy	1,912	732
Kennebec	2,456	1,178	White	543	171	Braintree (town)	8	158
Augusta	812	316	Nonwhite	164	105	Dedham (town)	9	102
Waterville	1,142	244	Washington	1,974	775	Milton (town)	63	147
Balance of county	502	618	Hagerstown	1,624	521	Needham (town)	212	112
Knox	726	385	Balance of county	350	254	Norwood (town)	899	253
Lincoln	359	218	Wicomico	1,477	552	Wellesley (town)	2	77
Oxford	869	390	White	1,200	408	Weymouth (town)	1,548	357
Penobscot	3,194	1,333	Nonwhite	277	144	Balance of county	127	1,010
Bangor	1,174	597	Salisbury	1,343	364	Plymouth	4,252	2,074
Balance of county	1,174	597	White	1,139	273	Brookton	2,667	859
Piscataquis	535	184	Nonwhite	204	91	Plymouth (town)	481	164
Sagadahoc	480	222	Balance of county	134	168	Balance of county	904	1,022
Beth	430	148	White	61	135	Suffolk	26,707	12,284
Balance of county	50	74	Nonwhite	73	53	Balance of county	23,872	11,548
Somersot	774	440	Worcester	290	210	Boston	22,755	10,696
Waldo	348	259	White	105	131	White	1,117	452
Washington	679	364	Nonwhite	185	79	Chelsea	1,511	494
York	2,005	923	MASSACHUSETTS			Revere	423	271
Biddeford	829	206	108,494	51,824	Winthrop (town)	901	151	
Balance of county	1,076	717	White	106,554	50,866	Worcester	12,536	6,015
MARYLAND			Nonwhite	1,940	958	Fitchburg	6,568	2,668
White	44,738	18,351	Barnstable	691	476	Athol (town)	15	71
Nonwhite	10,179	4,632	Berkshire	3,410	1,419	Clinton (town)	437	164
Allegany	3,114	1,045	Pittsfield	2,051	858	Gardner	828	313
Cumberland	2,424	864	Adams (town)	388	151	Leicester	635	205
Balance of county	690	381	North Adams	616	266	Milford (town)	671	181
Anne Arundel	1,841	758	Balance of county	355	343	Northbridge (town)	305	83
White	1,430	549	Bristol	3,002	4,474	Southbridge (town)	547	143
Nonwhite	411	209	Fall River	3,724	1,555	Webster (town)	469	99
Annapolis	1,057	220	New Bedford	2,251	1,266	Balance of county	591	1,639
White	900	152	Taunton	889	603	MICHIGAN		
Nonwhite	157	68	Attleboro	1,100	347	160,866	56,947	
Balance of county	704	558	Fairhaven (town)	12	94	White	150,343	53,135
White	530	397	North Attleborough (town)	74	90	Nonwhite	10,523	3,712
Nonwhite	254	141	Balance of county	952	519	Alcona	121	34
Baltimore	1,170	1,671	Dukes	119	101	Alger	213	60
District 12 ²	254	89	Essex	11,658	5,881	Allegan	964	439
District 13 ²	33	76	Beverly	1,066	342	Alpena	891	268
Balance of county	883	1,506	Haverhill	1,189	651	Alpena	876	223
White	776	1,372	Lawrence	2,471	928	Balance of county	15	45
Nonwhite	107	134	Lynn	2,770	1,073	Ann Arbor	114	85
Baltimore (city)	31,235	11,501	Salem	1,448	575	Arenac	303	111
White	24,584	8,891	Assessbury (town)	317	123	Beraga	87	90
Nonwhite	6,651	2,610	Andover (town)	5	72	Barry	555	246
Calvert	343	127	Danvers (town)	80	362	Bay	2,584	871
White	138	73	Gloucester	649	294	Bay City	2,433	691
Nonwhite	205	54	Marblehead (town)	96	95	Balance of county	151	180
Caroline	155	181	Methuen (town)	507	197	Bonzie	255	95
White	69	140	Newburyport	452	235	Berrien	3,064	1,087
Nonwhite	86	41	Peabody	387	208	Benton Harbor	1,421	269
Carroll	273	717	Saugus (town)	2	124	Branch	743	172
Cecil	638	392	Swampscott (town)	1	90	Calhoun	900	646
Charles	550	146	Balance of county	216	522	Battle Creek	634	334
White	288	76	Franklin	1,136	558	Balance of county	3,444	1,378
Nonwhite	262	70	Greenfield (town)	840	219	Battle Creek	2,637	742
Dorchester	575	391	Balance of county	296	339	Balance of county	807	636
White	374	277	Hampden	9,209	3,721	Cass	457	286
Nonwhite	201	114	Springfield	5,615	1,958	Charlevoix	282	148
Cambridge	509	201	Chicopee	22	234	Cheboygan	459	149
White	353	140	Holyoke	2,204	721	Chippewa	893	285
Nonwhite	156	61	Westfield	672	286	Sault Ste. Marie	862	207
Balance of county	66	190	West Springfield (town)	11	83	Balance of county	31	58
White	21	137	Balance of county	685	439	Clare	132	91
Nonwhite	45	53	Hampshire	1,742	1,013	Clinton	642	283
Frederick	1,691	756	Easthampton (town)	5	64	Crawford	321	103
Frederick	1,110	311	Northampton	1,256	660	Delta	836	375
White	1,085	288	Balance of county	483	289	Escanaba	870	248
Nonwhite	15	23	Middlesex	22,588	10,281	Balance of county	66	127
Balance of county	581	445	Cambridge	4,010	1,567	Dickinson	737	249
Garratt	306	177	Lowell	3,196	1,292	Iron Mountain	531	125
Harford	1,450	405	Somerville	1,766	840	Balance of county	206	124
White	1,312	350	Arlington (town)	395	350	Eaton	463	318
Nonwhite	138	53	Belmont (town)	3	138	Emmet	711	239
Howard	168	133	Everett	1,068	321	Gemson	7,621	2,055
White	111	105	Malden	1,366	596	Flint	7,243	1,572
Nonwhite	57	28	Medford	1,158	478	Balance of county	378	483
Kent	372	164	Melrose	1,108	276	Gladwin	296	84
White	287	116	Newton	1,529	669	Gogebin	823	294
Nonwhite	85	48	Walther	1,542	503	Ironwood	286	83
Montgomery	3,547	1,122	Watertown (town)	2	164	Balance of county	537	211
White	3,273	997	Framingham (town)	1,233	480	Grand Traverse	1,051	592
Nonwhite	274	125	Lexington (town)	5	294	Traverse City	973	222
Prince Georges	1,665	964	Marlborough	488	184	Balance of county	78	370
White	1,458	731	Natick (town)	487	163	Gratiot	918	362
Nonwhite	207	233	Reading (town)	4	94	Hilldale	610	347
Queen Annes	122	139	Stonham (town)	581	206	Houghton	1,116	555
White	63	91	Wakefield (town)	13	108	Huron	926	310
Nonwhite	59	48	Winchester (town)	1,086	147			

*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

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
MICHIGAN—Continued			MICHIGAN—Continued			MINNESOTA—Continued		
Ingham	5,326	1,430	Wayne—Continued			Ramsey	10,694	3,505
Lansing	4,972	1,069	Ecorse	74	54	St. Paul	10,669	3,562
Balance of county	361	361	White	29	45	Balance of county	25	123
Ionia	673	375	Nonwhite	45	9	Red Lake	7	21
Ionia	120	70	Grosse Pointe Park	3	56	Redwood	350	142
Iron	498	196	Lincoln Park	12	47	Renville	71	142
Isabella	837	234	River Rouge	263	91	Rice	972	399
Jackson	2,915	1,145	White	20	47	Fairbault	611	262
Jackson	2,842	844	Nonwhite	243	44	Balance of county	361	137
Balance of county	73	301	Balance of county	3,596	3,133	Rock	291	76
Kalamazoo	3,122	1,424	Wexford	709	222	Roseau	419	128
Kalamazoo	2,997	1,079				St. Louis	5,329	2,098
Balance of county	129	345	MINNESOTA			Duluth	3,363	1,277
Kalkaska	38	22		75,478	28,367	Hibbing	701	165
Kent	7,949	2,903	White	74,811	28,007	Virginia	685	167
Grand Rapids	6,226	1,877	Nonwhite	667	360	Balance of county	610	469
Balance of county	1,723	1,026	Aitkin	221	78	Scott	268	115
Keweenaw	26	28	Anoka	206	233	Sherburne	80	51
White	17	31	Becker	627	232	St. Cloud (part)	1	7
Nonwhite	9	18	Beltrami	626	197	Balance of county	79	44
Lapeer	534	318	Benton	23	55	Sibley	174	109
Leelanau	16	47	St. Cloud (part)	4	11	Stearns	2,704	625
Lemnos	1,667	639	Balance of county	19	44	St. Cloud (part)	2,009	376
Adrian	945	181	Big Stone	456	86	St. Cloud (total)	2,014	394
Balance of county	322	458	Blue Earth	1,137	399	Balance of county	695	249
Livingston	432	305	Mankato	1,122	292	Steele	582	176
Luce	252	189	Balance of county	15	107	Stevens	335	115
Mackinac	61	73	Brown	1,187	316	Swift	414	122
Macomb	2,529	981	Carlton	654	327	Todd	682	181
Mount Clemens	2,240	574	Carver	393	112	Traverse	117	40
St. Clair Shores	16	51	Cass	306	208	Wabasha	466	179
Balance of county	272	556	Chippewa	413	158	Wadena	534	146
Manistee	369	205	Chicago	324	138	Waseca	344	121
Marquette	1,304	522	Clay	425	184	Washington	378	248
Marquette	785	251	Clearwater	241	83	Watonwan	293	106
Balance of county	519	271	Cook	6	18	Wilkin	677	153
Mason	494	230	White	6	15	Winona	1,003	368
Mecosta	389	228	Nonwhite	3	3	Balance of county	985	277
Menominee	752	244	Cottonwood	489	132	Wright	336	228
Menominee	586	167	Crow Wing	1,006	363	Yellow Medicine	532	148
Balance of county	166	77	Brainerd	777	254			
Midland	1,060	183	Balance of county	229	129	MISSISSIPPI		
Midland	991	89	Dakota	317	258		66,721	19,890
Balance of county	69	94	South St. Paul	4	45	White	32,883	9,192
Missaukee	75	40	Balance of County	313	213	Nonwhite	33,838	10,658
Monroe	1,568	593	Dodge	140	82	Adams	1,045	391
Balance of county	1,506	295	Douglas	554	208	White	518	150
Montcalm	1,040	371	Fairbault	383	160	Nonwhite	527	261
Montmorency	33	22	Fillmore	443	211	Atchafalaya	558	213
Muskegon	3,669	1,091	Freeborn	1,149	242	White	391	99
Muskegon	3,584	777	Albert Lea	1,113	171	Nonwhite	167	114
Muskegon Heights	14	81	Balance of county	36	71	Balance of county	487	178
Balance of county	71	233	Goodhue	693	371	White	127	31
Newaygo	548	216	Grant	19	52	Nonwhite	360	147
Oakland	5,850	2,182	Hennepin	17,781	6,761	Alcorn	909	270
Pontiac	4,524	1,033	Minneapolis	17,501	5,824	White	801	214
Royal Oak	404	156	Balance of county	280	957	Nonwhite	108	56
Birmingham	334	39	Houston	217	105	Amite	499	118
Ferndale	83	83	Hubbard	312	104	White	97	46
Balance of county	568	871	Isanti	58	122	Nonwhite	402	72
Oceana	445	170	Itasca	915	294	Attala	935	287
Ogemaw	351	101	Jackson	266	92	White	493	152
Ontonagon	217	122	Kanabec	342	103	Nonwhite	442	125
Oscoda	451	166	Kandiyohi	924	326	Benton	182	58
Oscoda	22	13	Kittson	211	87	White	50	30
Otsego	35	67	Koochiching	415	177	Nonwhite	142	28
Ottawa	1,902	545	Lac qui Parle	267	126	Bolivar	2,123	714
Holland	690	187	Lakes of the Woods	127	105	White	572	147
Balance of county	1,012	358	Le Sueur	278	154	Nonwhite	1,551	567
Freque Isle	138	63	Lincoln	482	104	Calhoun	541	133
Roscommon	26	41	Lyon	735	163	White	389	103
Saginaw	4,338	1,527	McLeod	817	223	Nonwhite	152	30
Saginaw	4,199	1,172	Mahnomen	171	47	Carroll	391	122
Balance of county	139	355	White	166	45	White	73	40
St. Clair	2,118	930	Nonwhite	5	2	Chickasaw	818	82
Port Huron	1,457	538	Marshall	244	106	White	626	208
Balance of county	661	392	Martin	636	168	Nonwhite	334	108
St. Joseph	1,130	418	Meeker	355	161	Choctaw	292	100
Sanilac	669	302	Mille Lacs	462	146	White	239	78
Schoolcraft	243	97	Morrison	462	216	Nonwhite	121	52
Shiawassee	1,324	480	Mower	1,082	269	Claiborne	118	26
Ovosoo	1,026	217	Austin	934	197	White	260	114
Balance of county	298	243	Balance of county	88	92	Nonwhite	25	23
Tuscola	640	416	Murray	328	85	Clarke	255	91
Van Buren	776	472	Wicoulet	390	66	White	550	150
Washtenaw	4,331	1,829	Wobles	604	406	Nonwhite	256	85
Ann Arbor	2,469	992	Norman	203	204	Clay	294	65
Ypsilanti	1,684	216	Olmsted	1,05	105	White	593	206
White	1,495	185	Rochester	1,442	1,094	Nonwhite	331	65
Nonwhite	189	31	Balance of county	71	85	Coshema	367	121
Balance of county	178	621	Otter Tail	1,215	660	White	1,381	432
Wayne	64,063	20,098	Fergus Falls	787	416	Nonwhite	394	87
Detroit	50,328	14,855	Balance of county	428	244	Clarke	997	345
White	42,929	12,687	Pennington	544	165	White	502	143
Nonwhite	7,399	2,168	Pine	173	141	Nonwhite	324	65
Dearborn	1,513	358	Pipestone	435	108	Balance of county	178	78
Eastland	1,216	359	Polk	876	338	White	689	289
Highland Park	4,903	752	Pope	321	112	Nonwhite	70	22
Wyandotte	2,163	413				Nonwhite	819	267

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
MISSISSIPPI—Continued			MISSISSIPPI—Continued			MISSISSIPPI—Continued		
Copiah	797	232	Lauderdale—Continued	319	147	Sunflower	1,761	417
White	204	91	Balance of county	White	56	White	404	83
Nonwhite	593	141	Nonwhite	263	79	Nonwhite	1,357	334
Covington	308	94	Lawrence	296	79	Tallahatchie	956	246
White	144	51	White	124	48	White	281	80
Nonwhite	164	43	Nonwhite	172	31	Nonwhite	675	166
De Soto	573	187	Leake	548	134	Tate	482	134
White	106	42	White	211	85	White	106	43
Nonwhite	567	145	Nonwhite	337	49	Nonwhite	386	81
Forrest	1,821	397	Lee	1,256	332	Tippah	592	125
White	1,342	251	White	937	217	White	465	97
Nonwhite	479	146	Nonwhite	319	115	Nonwhite	127	28
Hattiesburg	1,664	310	LeFlore	1,888	508	Tinhamingo	365	74
White	1,282	201	White	617	135	White	651	223
Nonwhite	382	109	Nonwhite	1,271	373	Nonwhite	63	30
Balance of county	157	87	Balance of county	794	234	Union	588	193
White	60	50	White	558	100	White	633	196
Nonwhite	97	37	Nonwhite	238	134	Nonwhite	514	154
Franklin	167	78	Balance of county	1,094	274	Walthall	766	140
White	39	39	White	61	35	White	441	69
Nonwhite	129	39	Nonwhite	1,033	239	Nonwhite	325	72
George	300	52	Lincoln	961	307	Warren	1,417	627
White	261	38	White	645	180	White	804	278
Nonwhite	39	14	Nonwhite	316	127	Nonwhite	613	349
Greene	232	45	Lauderdale	1,146	372	Vicksburg	1,274	547
White	165	51	White	568	178	White	801	255
Nonwhite	67	14	Nonwhite	587	194	Nonwhite	473	292
Grenada	688	203	Balance of county	712	218	Balance of county	143	60
White	358	94	White	495	123	White	3	23
Nonwhite	330	109	Nonwhite	217	95	Nonwhite	140	57
Hancock	303	104	Balance of county	434	154	Washington	1,985	795
White	246	79	White	64	55	White	617	188
Nonwhite	57	25	Nonwhite	370	99	Nonwhite	1,368	607
Harrison	2,273	679	Madison	1,139	360	Balance of county	937	445
White	1,961	529	White	222	86	White	513	149
Nonwhite	292	150	Nonwhite	917	264	Nonwhite	424	296
Biloxi	1,210	207	Marion	757	174	Balance of county	1,048	350
White	1,079	163	White	457	104	White	104	39
Nonwhite	131	44	Nonwhite	300	70	Nonwhite	944	311
Gulfport	882	258	Marshall	895	221	Wayne	545	118
White	724	201	White	177	65	White	295	58
Nonwhite	158	57	Nonwhite	708	156	Nonwhite	250	60
Balance of county	181	214	Monroe	1,097	351	Webster	233	96
White	78	165	White	624	197	White	125	75
Nonwhite	103	49	Nonwhite	473	154	Nonwhite	108	23
Hinds	4,231	1,353	Montgomery	454	145	Wilkinson	591	164
White	2,336	671	White	229	81	White	187	50
Nonwhite	1,895	682	Nonwhite	225	64	Nonwhite	406	114
Jackson	3,240	971	Neshoba	793	162	Winston	741	193
White	2,271	541	White	538	114	White	396	107
Nonwhite	969	430	Nonwhite	255	48	Nonwhite	355	86
Balance of county	991	382	Newton	783	214	Yalobusha	404	144
White	65	130	White	539	128	White	157	68
Nonwhite	926	252	Nonwhite	244	86	Nonwhite	247	76
Holmes	1,086	368	Nonabee	720	220	Yazoo	1,182	360
White	203	90	White	158	52	White	379	111
Nonwhite	883	278	Nonwhite	562	168	Nonwhite	783	249
Humphreys	699	176	Oktibbeha	715	170	MISSOURI		
White	127	43	White	304	81		92,324	44,734
Nonwhite	572	133	Nonwhite	411	109		84,901	40,376
Issaquena	106	41	Panola	629	256	White	7,423	4,356
White	7	9	White	267	89	Nonwhite		
Nonwhite	99	32	Nonwhite	562	167	Adair	864	354
Itawamba	325	96	Pearl River	713	136	Kirksville	813	302
Jackson	1,035	212	White	587	94	Balance of county	51	52
White	827	153	Nonwhite	126	42	Andrew	44	97
Nonwhite	209	59	Ferry	230	55	Atchison	35	71
Jasper	539	110	White	156	32	Audrain	741	250
White	177	45	Nonwhite	74	23	Barry	709	226
Nonwhite	362	65	Pike	1,239	346	Barton	243	107
Jefferson	268	113	White	699	178	Bates	280	215
White	28	18	Nonwhite	540	168	Benton	152	94
Nonwhite	240	95	Pontotoc	499	131	Bollinger	122	90
Jefferson Davis	435	114	White	384	121	Boone	663	423
White	121	43	Nonwhite	115	60	Columbia	791	283
Nonwhite	314	71	Prentiss	795	171	White	736	251
Jones	1,942	484	White	719	146	Nonwhite	55	32
White	1,438	319	Nonwhite	76	25	Balance of county	72	140
Nonwhite	504	175	Quitman	845	217	Buchanan	2,454	1,569
Laurel	1,681	366	White	311	58	St. Joseph	2,394	1,461
White	1,309	223	Nonwhite	534	159	Balance of county	60	108
Nonwhite	372	143	Rankin	606	576	Butler	1,541	437
Balance of county	261	128	White	182	245	Poplar Bluff	1,209	270
White	129	96	Nonwhite	424	333	Balance of county	332	167
Nonwhite	132	32	Scott	648	139	Caldwell	147	118
Kemper	436	130	White	296	65	Callaway	394	482
White	73	49	Nonwhite	362	73	White	342	422
Nonwhite	363	81	Sharkey	404	96	Nonwhite	42	60
Lafayette	684	208	White	92	11	Cass	120	65
White	597	107	Nonwhite	312	85	Cape Girardeau	1,720	492
Nonwhite	287	101	Simpson	710	165	Cape Girardeau	1,650	384
Lamar	265	56	White	423	93	Balance of county	70	108
White	186	40	Nonwhite	287	72	Carroll	310	192
Nonwhite	79	16	Smith	338	94	Carter	51	35
Lauderdale	2,136	797	White	235	64	Cass	285	196
White	1,330	466	Nonwhite	103	10	Cedar	141	124
Nonwhite	806	331	Stone	65	36	Chariton	150	146
Balance of county	1,817	650	White	28	21	Christian	119	99
White	1,274	398	Nonwhite	37	15			
Nonwhite	543	252						

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
MISSOURI—Continued			MISSOURI—Continued			MONTANA—Continued		
Clark	44	52	Reynolds	140	50	Richland	305	59
Clay	510	431	Ripley	264	98	Roosevelt	268	90
Clinton	96	131	St. Charles	775	316	White	194	53
Cole	991	337	St. Charles	705	205	Nonwhite	84	37
Jefferson City	950	266	Balance of county	70	111	Rosebud	150	86
Balance of county	61	71	St. Clair	148	104	White	121	62
Cooper	492	255	St. Francois	882	444	Nonwhite	29	24
White	472	221	St. Louis	5,800	2,950	Sanders	42	45
Nonwhite	20	34	University City	2	127	Sheridan	116	34
Crawford	169	86	Clayton	512	408	Silver Bow	1,135	615
Dade	116	111	Kirkwood	9	127	Butte	1,226	480
Dallas	154	82	Maplewood	1	89	Balance of county	9	155
Davies	141	133	Richmond Heights	2,823	334	Stillwater	70	52
De Kalb	70	67	Webster Groves	5	101	Sweet Grass	34	32
Dent	268	92	Balance of county	448	1,764	Teton	19	29
Douglas	239	91	St. Louis (city)	27,005	12,111	Toole	107	53
Dunklin	1,335	317	White	22,476	9,989	Treasure	7	3
Franklin	1,006	391	Nonwhite	4,529	2,123	Valley	350	84
Gasconade	119	100	Ste. Genevieve	159	70	Wheatland	18	19
Geny	112	109	Saline	518	353	Wibaux	1	4
Greene	3,472	1,412	Schuyler	47	49	Yellowstone	1,911	513
Springfield	3,005	1,094	Scotland	43	64	Billings	1,892	432
Balance of county	469	318	Scott	697	212	Balance of county	19	81
Grundy	329	187	Shannon	157	85	Yellowstone National Park (part)	-	-
Harrison	335	166	Shelby	80	121	NEBRASKA		
Henry	485	277	Stoddard	573	199		32,017	12,815
Hickory	84	44	Stone	162	90			
Holt	81	103	Sullivan	151	139			
Howard	159	115	Taney	124	68	White	31,398	12,507
White	137	89	Texas	507	151	Nonwhite	629	308
Nonwhite	22	24	Vernon	427	458	Adams	967	393
Howell	612	211	Warren	72	61	Bastings	956	209
Iron	557	131	Washington	315	107	Balance of county	9	184
Jackson	15,332	6,271	Wayne	141	66	Antelope	328	100
Kansas City	13,978	5,574	Webster	227	132	Arthur	2	1
White	12,949	4,788	Worth	47	78	Banner	-	-
Nonwhite	1,029	786	Wright	285	127	Blaine	9	7
Independence	1,187	264	MONTANA			Boon	205	97
Balance of county	167	433		14,780	5,695	Box Butte	416	144
Jasper	2,511	1,163	Beaverhead	120	68	Boyd	151	54
Joplin (part)	1,707	667	Big Horn	259	82	Brown	200	54
Joplin (total)	1,707	670	White	125	43	Buffalo	610	313
Carthage	549	194	Nonwhite	134	39	Burt	222	91
Balance of county	255	302	Blaine	129	57	Butler	190	93
Jefferson	342	270	Brookwater	133	45	Cass	33	115
Johnson	350	221	Carbon	51	65	Cedar	172	82
Knox	123	94	Carter	25	16	Chase	139	34
Laclede	536	224	Cascade	1,671	517	Cherry	215	71
Lafayette	332	255	Great Falls	1,670	490	Cheyenne	421	81
Lawrence	378	346	Balance of county	1	27	Clay	36	85
Levin	79	118	Chouteau	71	34	Colfax	9	54
Lincoln	83	102	Custer	520	151	Cuming	329	103
Linn	426	220	Daniels	103	31	Custer	404	166
Livingston	481	221	Dawson	336	88	Dakota	5	35
McDonald	184	92	Deer Lodge	330	346	Dawes	260	75
Macon	288	230	Anaconda	330	133	Dawson	598	154
Madison	169	85	Balance of county	-	213	Deuel	5	12
Marion	115	53	Yellow	108	33	Dixon	140	61
Marion	1,045	480	Fergus	432	141	Dodge	654	242
Mumbel	1,024	396	Flathead	832	302	Franklin	600	179
Balance of county	21	84	Gallatin	603	177	Grant	54	63
Mercer	137	85	Garfield	85	21	Douglas	7,820	3,184
Miller	272	120	Glacier	279	92	Omaha	7,814	3,084
Mississippi	521	182	Golden Valley	154	34	White	7,405	2,895
White	379	113	Hill	145	58	Nonwhite	409	189
Nonwhite	142	69	Holmes	3	7	Balance of county	6	100
Moniteau	257	143	Balance of county	6	109	Dundy	132	30
Monroe	57	122	Liberty	6	10	Fillmore	124	81
Montgomery	82	110	Lincoln	147	71	Franklin	52	54
Morgan	136	94	McCook	1	5	Frontier	66	42
New Madrid	886	254	Madison	57	49	Furnas	127	103
White	713	196	Meagher	4	8	Gage	758	326
Nonwhite	173	58	Mineral	22	11	Beatrice	657	190
Newton	581	276	Missoula	1,038	331	Balance of county	101	136
Joplin (part)	-	3	Balance of county	1,033	296	Garden	141	37
Balance of county	581	273	Musselshell	5	35	Garfield	116	53
Wodaway	834	325	Park	330	138	Goepfer	26	13
Oregon	176	84	Petroleum	-	-	Grant	11	8
Osage	78	79	Phillips	95	49	Greeley	101	31
Ozark	218	72	Pondera	201	55	Hall	1,023	399
Pemiscot	945	280	Powder River	1	5	Grand Island	983	355
White	698	182	Powell	148	68	Balance of county	40	44
Nonwhite	247	98	Prairie	45	24	Hamilton	128	82
Perry	165	79	Ravalli	277	111	Harlan	36	40
Pettis	774	449				Hayes	8	15
Sedalia	747	343				Hitchcock	68	35
Balance of county	27	106				Holt	321	125
Phelps	243	169				Hooker	19	7
Pike	339	230				Howard	143	45
White	317	206				Jefferson	394	139
Nonwhite	22	24				Johnson	129	72
Platte	21	103				Kearney	165	78
Polk	238	153				Koith	168	55
Pulaski	725	161				Keya Paha	2	4
Putnam	153	118				Kimball	120	34
Halls	51	59				Knox	118	90
Randolph	625	338				Lancaster	5,144	1,410
Moberly	550	236				Lincoln	3,136	1,146
Balance of county	75	102				Balance of county	8	264
Ray	141	174						

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths		
NEBRASKA—Continued			NEW HAMPSHIRE—Continued			NEW JERSEY—Continued				
Lincoln	745	229	Grafton	1,667	628	Hudson—Continued				
North Platte	629	168	Hillsborough	4,253	1,753	Bayonne	1,476	596		
Balance of county	116	61	Manchester	2,440	857	Hoboken	1,133	858		
Logan	7	9	Nashua	1,314	429	Kearny	635	319		
Loup	6	9	Balance of county	499	467	North Bergen (twp.) ²	15	192		
McPherson	1	-	Merrimack	1,463	1,017	Union City	35	308		
Madison	938	325	Concord	1,020	657	West New York	11	169		
Norfolk	926	194	Balance of county	443	360	Harrison	14	92		
Balance of county	12	151	Rockingham	1,545	755	Weshawken (twp.) ²	534	315		
Merrick	159	55	Portsmouth	735	212	Balance of county	7	420		
Morrill	65	40	Balance of county	810	543	Hunterdon	166	368		
Nance	142	62	Stratford	1,325	521	Mercer	6,158	2,770		
Nemaha	231	110	Dover	473	202	Trenton	5,493	1,967		
Nuckolls	330	104	Rochester	634	178	Balance of county	665	905		
Otoe	460	199	Balance of county	18	141	Middlesex	5,303	2,152		
Pawnee	150	75	Sullivan	524	256	New Brunswick	2,916	6,016		
Perkins	71	21	Claremont (town)	373	132	Parth Amboy	1,655	493		
Phelps	394	110	Balance of county	151	124	Woodbridge (twp.) ²	41	148		
Pierce	263	67	NEW JERSEY			103,195	47,521	Carters	38	56
Platte	752	190	Atlantic	2,809	1,942	South River	6	49		
Polk	174	92	White	95,153	43,973	Balance of county	647	800		
Red Willow	602	121	Nonwhite	8,042	3,548	Morris	4,521	2,564		
Richardson	417	186	Atlantic City	1,929	1,155	Asbury Park	13	114		
Rook	63	30	White	2,341	1,534	White	7	27		
Saline	152	128	Nonwhite	468	348	Nonwhite	2,089	524		
Sarge	104	48	Balance of county	1,504	896	Long Branch	1,351	412		
Sarpy	167	140	White	425	257	Neptune (twp.) ²	1,159	376		
Saunder	1,230	278	Nonwhite	84	113	White	195	56		
Scotts Bluff	1,185	209	Balance of county	83	63	Nonwhite	502	164		
Balance of county	47	69	Pleasantville	85	30	White	495	143		
Seward	200	95	White	796	300	Nonwhite	7	16		
Sheridan	286	98	Balance of county	6,126	3,522	Balance of county	566	1,350		
Sherman	218	64	Garfield	5	125	Morris	2,732	2,008		
Sioux	3	14	Hackensack	2,326	619	Dover	914	262		
Stanton	17	40	White	2,229	579	Morristown	1,722	372		
Thayer	182	91	Nonwhite	104	40	Balance of county	96	1,374		
Thomas	17	13	Teaneck (twp.) ²	1,830	317	Ocean	1,140	679		
Thurston	215	83	Bergenfield	5	58	Passaic	10,426	3,523		
White	121	49	Cliffside Park	1	75	Paterson	5,685	1,868		
Nonwhite	94	34	Englewood	1,614	369	Clifton	7	237		
Valley	140	69	White	1,711	348	Passaic	4,472	874		
Washington	162	96	Nonwhite	103	21	Hawthorne	6	73		
Wayne	237	58	Lodi	58	1	Balance of county	56	471		
Webster	121	70	Lynchhurst (twp.) ²	3	88	Salem	825	430		
Wheeler	1	7	Ridgefield Park	3	67	White	675	343		
York	392	134	Ridgewood	4	115	Nonwhite	150	87		
NEVADA			Rutherford	2	93	Somerset	1,622	913		
	4,190	1,675	Balance of county	132	1,540	North Plainfield	4	86		
White	3,925	1,559	Burlington	2,041	1,085	Balance of county	1,618	827		
Nonwhite	265	116	White	86	102	Sussex	1,070	362		
Churchill	102	68	Nonwhite	67	88	Union	9,032	3,216		
Clerk	1,256	378	Balance of county	18	14	Elizabeth	4,335	1,324		
Douglas	51	28	Camden	1,856	993	Plainfield	2,575	562		
White	49	18	White	8,785	3,050	White	2,367	502		
Nonwhite	3	12	Nonwhite	6,131	1,727	Nonwhite	209	60		
Elko	272	112	Collingswood	762	227	Cranford (twp.) ²	7	110		
White	229	102	Gloucester City	85	107	Hillside (twp.) ²	1	86		
Nonwhite	43	10	Parsippany (twp.) ²	34	81	Linden	30	83		
Emeralda	-	18	Balance of county	513	1,045	Rahway	833	203		
Eureka	2	15	Cape May	405	493	Roselle	11	73		
Humboldt	146	58	Cumberland	2,125	1,050	White	4	66		
Lander	6	21	Bridgeton	897	271	Nonwhite	7	7		
White	6	18	White	689	221	Summit	1,185	256		
Nonwhite	3	3	Nonwhite	209	50	Union (twp.) ²	1	136		
Lincoln	120	37	Millville	393	214	Westfield	9	109		
Lyon	61	45	Balance of county	835	545	Balance of county	37	274		
Mineral	240	57	Essex	22,202	9,312	Warren	928	574		
White	185	35	Newark	14,658	5,109	Phillipsburg	853	277		
Nonwhite	82	22	White	12,666	4,414	Balance of county	75	297		
Nye	42	33	Nonwhite	1,992	695	NEW MEXICO				
White	39	29	Bellefonte	17	183		20,536	5,623		
Nonwhite	3	4	Bloomfield	6	244	White	19,132	5,077		
Ormsby	9	23	East Orange	1,039	545	Nonwhite	1,404	546		
Parshing	54	46	Irvington	787	468	Bernalillo	3,888	1,142		
Stoney	1	7	Montclair	939	420	Albuquerque	2,955	690		
Washoe	1,484	631	White	901	379	Balance of county	935	462		
White	1,480	555	Nonwhite	38	41	Catron	35	16		
Balance of county	4	76	Orange	3,042	780	Chaves	1,328	262		
White Pine	344	102	White	2,792	702	Roswell	1,251	219		
Nonwhite	11	6	Nonwhite	250	76	Balance of county	77	44		
NEW HAMPSHIRE			West Orange	3	122	Colfax	591	214		
	13,658	6,225	Maplewood (twp.) ²	1	136	Curry	932	169		
White	13,647	6,217	Millburn (twp.) ²	1	58	Clovis	930	143		
Nonwhite	11	6	Nutley	6	108	Balance of county	2	26		
Belknap	888	300	South Orange	-	78	De Baca	97	42		
Lacoma	881	215	Balance of county	1,704	1,061	Dona Ana	1,231	245		
Balance of county	7	85	Gloucester	1,665	734	Eddy	1,324	295		
Carroll	416	213	Hudson	15,116	6,789	Grant	722	217		
Cheshire	791	380	Jersey City	11,256	3,733	Gundalup	183	55		
Keene	756	208	White	10,587	3,529	Harding	50	18		
Balance of county	35	182	Nonwhite	669	204	Hidalgo	130	52		
Coos	986	390				Lea	644	139		
Berlin	511	172				Hobbs	505	96		
Balance of county	475	218				Balance of county	139	43		

²Since 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

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
NEW MEXICO—Continued			NEW YORK—Continued			NEW YORK—Continued		
Lincoln	185	58	Madison	1,151	521	Westchester—Continued		
Luna	276	82	Oneida	903	205	Port Chester	1,325	311
McKinley	877	266	Balance of county	228	316	Scarsdale	-	46
White	425	117	Monroe	11,826	5,444	Balance of county	2,221	1,806
Nonwhite	454	149	Rochester	11,520	4,197	Wyoming		390
Mora	282	74	Irondequoit (town)	6	153	Yates		318
Otero	372	132	Balance of county	300	1,114		115,690	30,220
Quay	433	141	Montgomery	1,339	701	NORTH CAROLINA		
Rio Arriba	874	308	Amsterdam	1,314	515	White	80,405	20,149
Roosevelt	341	94	Balance of county	25	186	Nonwhite	33,285	10,071
Sandoval	534	139	Nassau	9,653	4,067	Alamance		1,843
White	426	98	Floral Park	363	121	White		1,402
Nonwhite	108	41	Freeport	651	177	Nonwhite		441
San Juan	448	162	Garden City	-	75	Burlington		981
White	285	70	Glens Cove	989	181	Balance of county		862
Nonwhite	163	92	Hempstead	2	568	White		502
San Miguel	1,124	406	Lynbrook	1	105	Nonwhite		360
Santa Fe	1,416	333	Mineola	1,624	265	Alexander		179
Santa Fe	1,169	270	Rockville Centre	2,656	249	Alleghany		116
Balance of county	247	63	Valley Stream	4	104	Anson		863
Sierra	138	76	Balance of county	3,383	2,422	White		409
Socorro	352	135	New York City ^a	170,356	80,817	Nonwhite		454
Teas	535	134	White	152,370	73,807	Ashe		683
Torrance	265	57	Nonwhite	17,986	7,010	Avery		558
Union	215	65	Niagara	4,815	1,698	Beaufort		1,401
Valencia	714	197	Niagara Falls	2,933	795	White		974
White	639	167	Lockport	965	336	Nonwhite		427
Nonwhite	75	30	North Tonawanda	896	184	Bertie		760
	324,248	157,525	Balance of county	21	373	White		222
			Oneida	5,358	3,014	Nonwhite		538
			Utica	3,770	1,548	Bladen		709
			Rome	1,372	635	White		316
			Balance of county	216	831	Nonwhite		393
			Onondaga	8,384	3,617	Brunswick		428
			Syracuse	8,220	2,786	White		200
			Balance of county	164	831	Nonwhite		228
			Ontario	1,607	781	Runcombe		3,401
			Geneva	696	229	White		3,078
			Balance of county	911	552	Nonwhite		323
			Orange	3,722	1,943	Asheville		3,132
			Newburgh	1,212	483	White		2,831
			Middletown	824	522	Nonwhite		301
			Balance of county	1,668	958	Balance of county		269
			Orleans	719	343	Burke		1,178
			Oswego	1,674	816	Cabarrus		1,954
			Fulton	639	159	White		1,647
			Oswego	843	300	Nonwhite		307
			Balance of county	192	357	Concord		32
			Otsego	1,186	688	White		6
			Oneonta	638	240	Nonwhite		26
			Balance of county	548	448	Balance of county		1,922
			Putnam	291	233	Caldwell		1,641
			Rensselaer	3,570	1,743	White		281
			Troy	3,408	1,274	Nonwhite		54
			Rensselaer	9	70	Caldwell		1,339
			Balance of county	153	399	Camden		81
			Rockland	1,812	1,163	White		26
			St. Lawrence	2,660	1,237	Nonwhite		55
			Massena	588	124	Carver		674
			Ogdensburg	590	407	White		567
			Balance of county	1,482	706	Nonwhite		107
			Saratoga	938	869	Caswell		350
			Saratoga Springs	573	280	White		96
			Balance of county	365	589	Nonwhite		254
			Schenectady	3,431	1,327	Catawba		1,953
			Schenectady	2,040	969	White		1,790
			Balance of county	1,391	358	Nonwhite		173
			Schoharie	340	205	Hickory		1,245
			Schuyler	282	151	White		1,181
			Seneca	488	553	Nonwhite		64
			Steben	2,696	1,296	Balance of county		718
			Corning	1,024	265	Chatham		542
			Hornell	623	225	White		291
			Balance of county	1,049	806	Nonwhite		251
			Suffolk	5,050	4,281	Cherokee		683
			Sullivan	882	604	Chowan		363
			Tioga	495	349	White		177
			Tompkins	1,535	504	Nonwhite		186
			Tioga	1,308	308	Clay		114
			Balance of county	27	196	Cleveland		2,091
			Ulster	1,571	1,128	White		1,594
			Kingston	1,194	619	Nonwhite		437
			Balance of county	377	509	Shelby		1,245
			Warren	1,774	583	White		1,051
			Glens Falls	1,707	402	Nonwhite		194
			Balance of county	67	181	Balance of county		846
			Washington	596	502	White		543
			Wayne	619	640	Nonwhite		303
			Westchester	12,966	5,881	Columbus		1,455
			Yonkers	3,630	1,381	White		879
			Mount Vernon	1,683	639	Nonwhite		576
			New Rochelle	1,531	679	Craven		1,309
			White	1,581	607	White		830
			Nonwhite	170	72	Nonwhite		148
			White Plains	1,554	532	New Bern		742
			Mamaroneck	1	76	White		488
			Ossining	427	205	Nonwhite		254
			White	399	181	Balance of county		567
			Nonwhite	28	24	White		342
			Peekskill	594	206	Nonwhite		225

^aComprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a whole.

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, 1947—Continued

(See headnote on p. 26)

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	2,812	754	Hoke	388	249	Fender	345	101
White	2,001	481	White	92	73	White	117	49
Nonwhite	811	253	Nonwhite	176	176	Nonwhite	228	52
Fayetteville	1,540	461	Hyde	92	40	Perquimans	184	79
White	1,100	315	White	14	25	White	50	34
Nonwhite	440	146	Nonwhite	78	15	Nonwhite	134	45
Balance of county	1,272	275	Iredell	2,159	487	Person	745	142
White	801	166	White	1,824	590	White	457	94
Nonwhite	371	107	Nonwhite	535	97	Nonwhite	286	48
Currituck	81	53	Stateville	1,184	251	Pitt	1,742	405
White	39	37	White	1,047	205	White	900	198
Nonwhite	42	16	Nonwhite	137	48	Nonwhite	942	207
Dare	63	30	Balance of county	975	256	Greenville	788	158
Davidson	1,472	362	White	777	187	White	501	87
White	1,349	303	Nonwhite	196	49	Nonwhite	287	71
Nonwhite	123	59	Jackson	497	140	Balance of county	954	247
Lexington	751	108	Johnston	1,451	306	White	289	111
White	690	87	White	1,025	216	Nonwhite	655	136
Nonwhite	61	21	Nonwhite	426	90	Polk	305	98
Thomasville	485	90	Jones	161	52	White	270	83
White	450	69	White	89	28	Nonwhite	33	10
Nonwhite	35	21	Nonwhite	122	24	Randolph	1,208	274
Balance of county	236	164	Lee	983	185	Richmond	1,037	318
Davis	194	92	White	722	151	White	636	214
White	152	81	Nonwhite	261	52	Nonwhite	342	104
Nonwhite	42	11	Lenoir	1,805	485	Robeson	2,904	598
Duplin	918	239	White	1,274	306	White	1,180	275
White	423	149	Nonwhite	631	189	Nonwhite	1,724	324
Nonwhite	495	90	Kinston	1,589	324	Rockingham	1,777	450
Durham	5,657	1,149	White	1,225	208	White	1,580	321
White	2,510	738	Nonwhite	314	114	Nonwhite	397	109
Nonwhite	1,147	420	Balance of county	366	173	Reidsville	781	148
Durham	3,583	1,000	White	49	98	White	592	83
White	2,498	629	Nonwhite	317	75	Nonwhite	189	66
Nonwhite	1,085	371	Lincoln	795	157	Balance of county	996	281
Balance of county	74	149	White	678	128	White	788	238
White	22	100	Nonwhite	110	29	Nonwhite	208	43
Nonwhite	52	49	McDowell	759	127	Rowan	1,589	533
Edgecombe	1,556	410	White	414	115	White	1,308	396
White	608	178	Nonwhite	354	136	Nonwhite	281	137
Nonwhite	947	232	Madison	846	162	Salisbury	1,285	297
Rocky Mount (part)	324	106	Martin	491	79	White	1,116	215
White	203	52	White	355	103	Nonwhite	169	62
Nonwhite	121	54	Mecklenburg	5,626	1,638	Balance of county	314	236
Balance of county	1,232	304	White	4,487	1,108	White	192	181
White	406	126	Nonwhite	1,539	526	Nonwhite	122	55
Nonwhite	826	178	Charlotte	5,643	1,509	Rutherford	1,236	285
Forsyth	4,318	1,335	White	4,435	887	White	1,064	241
White	3,123	838	Nonwhite	1,210	422	Nonwhite	172	44
Nonwhite	1,195	497	Balance of county	185	526	Sampson	1,419	325
Winston-Salem	3,917	1,031	White	54	222	White	820	201
White	2,850	601	Nonwhite	129	104	Nonwhite	598	124
Nonwhite	1,067	430	Mitchell	559	76	Scotland	884	212
Balance of county	401	304	Montgomery	423	98	White	358	89
White	273	237	White	313	68	Nonwhite	526	123
Nonwhite	128	67	Moore	110	29	Stanly	1,044	283
Franklin	622	172	White	897	256	White	940	235
White	240	94	Nonwhite	664	172	Nonwhite	104	30
Nonwhite	382	78	Wash	223	84	Stokes	340	121
Gaston	2,145	571	White	2,123	561	White	301	106
White	1,802	467	Nonwhite	1,183	284	Nonwhite	59	15
Nonwhite	343	104	Rocky Mount (part)	930	277	Surry	1,959	378
Gastonia	1,583	255	White	1,197	323	Swain	356	62
White	1,396	206	Nonwhite	962	189	White	236	42
Nonwhite	177	49	White	235	154	Nonwhite	120	20
Balance of county	582	316	Rocky Mount (total)	1,521	429	Transylvania	474	78
White	416	261	White	1,165	221	Tyrell	219	63
Nonwhite	166	55	Nonwhite	208	208	White	137	45
Gates	188	78	Balance of county	926	238	Nonwhite	82	18
White	35	30	White	231	115	Union	1,286	313
Nonwhite	153	48	New Hanover	695	123	White	962	239
Graham	178	23	White	2,258	789	Nonwhite	304	74
Granville	813	293	Nonwhite	1,553	460	Vance	964	340
White	351	144	Wilmington	705	329	White	528	156
Nonwhite	462	154	White	2,240	695	Nonwhite	436	184
Greene	426	67	Nonwhite	1,551	380	Wake	3,682	1,165
White	127	25	Balance of county	689	305	White	2,430	762
Nonwhite	299	42	White	18	94	Nonwhite	1,222	423
Guilford	5,149	1,293	Nonwhite	2	70	Raleigh	2,782	869
White	4,202	943	Northampton	16	24	White	2,117	576
Nonwhite	947	356	White	619	162	Nonwhite	665	291
Greensboro	3,124	641	Nonwhite	77	55	Balance of county	870	316
White	2,529	430	Onslow	542	107	White	313	184
Nonwhite	595	211	White	1,165	174	Nonwhite	557	132
High Point	1,727	328	Nonwhite	938	124	Warren	671	202
White	1,498	254	White	227	50	White	162	62
Nonwhite	229	74	Nonwhite	183	139	Nonwhite	509	140
Balance of county	298	330	Orange	67	82	Washington	276	107
White	175	259	White	116	57	White	136	56
Nonwhite	123	71	Nonwhite	241	61	Nonwhite	140	51
Halifax	1,943	454	Pamlico	126	38	Watauga	518	107
White	745	204	White	115	23	Wayne	1,819	622
Nonwhite	1,198	250	Pasquotank	799	219	White	1,081	240
Harnett	1,617	343	White	536	137	Nonwhite	738	582
White	1,194	252	Nonwhite	263	82	Goldsboro	965	249
Nonwhite	423	111	Elizabeth City	633	173	White	694	151
Haywood	1,094	210	White	501	115	Nonwhite	291	118
Henderson	836	277	Nonwhite	132	58	Balance of county	854	573
Hertford	412	124	Balance of county	166	46	White	387	109
White	71	59	White	35	22	Nonwhite	447	464
Nonwhite	341	65	Nonwhite	131	24	Wilkes	1,142	296

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
NORTH CAROLINA—Continued			OHIO—Continued			OHIO—Continued		
Wilson	1,982	571	Athens	812	535	Licking	1,360	694
White	1,185	297	Angola	67	260	Newark	1,500	452
Nonwhite	827	274	Belmont	2,079	970	Balance of county	60	242
Wilson	1,530	362	Bellefleur	552	198	Logan	737	373
White	962	183	Martins Ferry	1,053	384	Lorain	3,459	1,927
Nonwhite	368	179	Balance of county	474	488	Elyria	1,214	341
Balance of county	632	209	Brown	246	234	Lorain	1,708	525
White	173	114	Butler	4,497	1,355	Balance of county	537	465
Nonwhite	459	95	Hamilton	2,729	757	Lucas	10,840	4,528
Yadkin	87	88	Middletown	1,711	387	Toledo	10,745	4,193
Yancey	222	81	Balance of county	57	231	White	10,102	3,908
NORTH DAKOTA			Carroll	154	150	Nonwhite	643	285
	17,344	5,147	Champaign	584	274	Balance of county	95	335
White	16,974	5,011	Clark	2,861	1,260	Madison	243	184
Nonwhite	370	136	Springfield	2,796	1,035	Mahoning	6,573	2,519
Adams	125	22	White	2,597	923	Youngstown (part)	6,515	2,050
Barnes	569	179	Nonwhite	199	112	White	6,032	1,819
Bansau	152	70	Balance of county	65	225	Nonwhite	483	231
White	97	53	Clermont	325	309	Youngstown (total)	6,515	2,050
Nonwhite	55	17	Clinton	420	253	White	6,032	1,819
Billings	2	5	Columbiana	2,909	1,134	Nonwhite	483	231
Bottineau	327	97	East Liverpool	1,400	416	Campbell	6	52
Bowman	80	18	Salem	1,262	258	White	2	37
Burke	86	28	Balance of county	247	460	Nonwhite	4	15
Burleigh	1,589	349	Cochran	788	397	Struthers	7	51
Bismarck	1,585	339	Cochran	748	224	Balance of county	45	366
Balance of county	4	10	Balance of county	40	173	Marion	1,519	551
Cass	2,351	587	Crawford	1,377	436	Marion	1,492	416
Fargo	2,379	444	Cuyahoga	35,267	15,974	Balance of county	27	135
Balance of county	12	143	Cleveland	29,732	10,704	Medina	1,429	451
Cavalier	362	86	White	25,995	9,264	Meigs	318	230
Dickey	203	53	Nonwhite	3,737	1,440	Mercer	1,014	280
Divide	169	52	Cleveland Heights	37	340	Miami	1,865	696
Dunn	34	21	East Cleveland	3,096	548	Piqua	1,014	276
Eddy	193	37	Lakewood	1,210	608	Balance of county	851	420
Emmons	163	41	Euclid	4	183	Monroe	197	160
Foster	152	45	Garfield Heights	3	94	Montgomery	11,761	4,127
Golden Valley	130	39	Parma	4	92	Dayton	11,624	2,905
Grand Forks	1,550	439	Shaker Heights	2	139	White	10,739	2,580
Grand Forks	1,411	331	Balance of county	1,178	1,258	Nonwhite	885	325
Balance of county	139	107	Darke	850	448	Balance of county	137	1,222
Grant	236	53	Defiance	834	283	Morgan	99	159
Griggs	70	22	Delaware	490	333	Morrow	22	164
Hettinger	86	17	Erie	1,183	602	Muskingum	2,501	891
Kidder	14	13	Sandusky	1,173	405	Zanesville	2,465	669
La. Moore	177	50	Balance of county	10	197	Balance of county	36	222
Logan	63	27	Fairfield	1,245	531	Noble	126	100
McHenry	13	50	Lancaster	1,125	303	Ottawa	477	283
McIntosh	92	34	Balance of county	150	328	Paulding	229	114
McKenzie	24	29	Fayette	302	261	Perry	172	242
McLean	130	57	Franklin	13,996	5,528	Pickaway	574	306
Mercer	173	47	White	12,635	4,890	Pike	283	139
Morton	353	139	Nonwhite	1,361	638	Portage	1,221	528
Mountbail	120	40	Columbus	13,779	4,789	Preble	92	220
Newton	109	66	White	12,465	4,223	Putnam	124	195
Oliver	2	9	Nonwhite	2,314	566	Richland	2,349	868
Pembina	122	100	Balance of county	217	739	Mansfield	1,803	504
Pierce	385	92	Fulton	614	289	Balance of county	546	364
Ramsey	597	172	Gallia	911	485	Ross	1,287	598
Ransom	57	60	Geauga	332	185	Chillicothe	841	277
Renville	7	9	Greene	840	408	Balance of county	446	321
Richland	163	95	Kenia	222	143	Sandusky	1,327	511
Roletta	392	138	White	185	114	Freemont	114	115
White	228	89	Nonwhite	37	35	Balance of county	1,213	396
Nonwhite	166	49	Balance of county	618	257	Scioto	2,345	900
Sargent	9	39	Guernsey	766	684	Portsmouth	1,971	630
Sheridan	28	16	Cambridge	861	325	Balance of county	374	270
Sioux	69	39	Balance of county	105	359	Seneca	944	528
White	9	8	Hamilton	19,034	8,580	Fostoria (part)	43	79
Nonwhite	60	31	White	16,998	7,486	Fostoria (total)	554	153
Slope	1	6	Nonwhite	2,036	1,104	Tiffin	855	244
Stark	923	196	Balance of county	17,238	7,272	Balance of county	46	205
Steele	85	36	White	15,259	6,279	Shelby	687	259
Stutzman	831	552	Nonwhite	1,979	983	Stark	7,680	2,908
Towner	106	41	Norwood	12	205	Canton	5,159	1,354
Trull	183	77	Balance of county	1,784	1,113	Massillon	1,285	414
Walsh	609	196	Hancock	1,768	603	Alliance	1,094	338
Ward	1,717	422	Findlay	1,074	346	Balance of county	142	802
Minot	1,519	357	Fostoria (part)	511	74	Summit	11,822	3,441
Balance of county	198	65	Balance of county	183	183	Akron	10,548	2,539
Wells	361	77	Hardin	735	401	White	9,847	2,346
Williams	722	165	Harrison	81	191	Nonwhite	701	192
	197,275	81,867	Henry	410	203	Barberton	1,215	253
White	185,062	76,148	Highland	715	297	Cuyahoga Falls	5	123
Nonwhite	12,213	5,819	Hocking	590	217	Balance of county	54	527
Adams	402	205	Holmes	557	168	Trumbull	2,961	1,178
Allen	3,511	1,114	Huron	943	491	Youngstown (part)	-	-
Lima	3,119	794	Jackson	450	239	White	-	-
Balance of county	392	320	Jefferson	2,793	962	Nonwhite	-	-
Ashland	735	505	Stevensville	2,650	612	Warren	2,875	605
Ashland	727	179	Balance of county	143	350	Wilos	10	89
Balance of county	6	126	Knox	1,057	430	Balance of county	76	484
Ashtabula	1,715	893	Mount Vernon	1,059	256	Tuscarawas	1,705	796
Ashabula	961	516	Balance of county	19	17	New Philadelphia	12	117
Balance of county	752	367	Lake	1,158	512	Balance of county	1,681	679
			Painesville	1,138	219	Union	96	182
			Balance of county	20	293	Van Wert	574	286
			Lawrence	1,133	398	Vinton	267	99
			Ironton	1,016	244	Warren	367	302
			Balance of county	117	117	Washington	1,071	461

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
OHIO—Continued			OKLAHOMA—Continued			OKLAHOMA—Continued		
Washington—Continued			Kiowa	380	148	Tulsa	6,317	1,870
Marietta	909	268	Latimer	376	158	White	5,847	1,672
Balance of county	162	193	Le Flore	729	237	Nonwhite	470	198
Wayne	994	301	Lincoln	462	189	Tulsa	5,794	1,605
Woolster	841	177	Logan	505	255	White	5,364	1,427
Balance of county	153	324	White	495	202	Nonwhite	430	178
Williams	516	276	Guthrie	100	53	Balance of county	823	285
Wood	516	450	White	393	159	Wagoner	330	82
Wyandot	94	187	Nonwhite	334	136	White	224	54
OKLAHOMA	52,971	18,794	Nonwhite	49	23	Nonwhite	106	28
White	47,281	16,500	Balance of county	122	96	Washington	803	266
Nonwhite	5,690	2,294	White	71	66	Bartlesville	789	202
Adair	160	122	Nonwhite	51	30	Balance of county	34	64
White	123	78	Love	123	47	Washita	252	1.3
Nonwhite	37	44	McClain	292	84	Woodde	385	158
Alfalfa	186	96	McCurain	744	249	Woodward	456	500
Atoka	324	111	White	582	178	OREGON	36,389	13,660
Beaver	191	65	Nonwhite	162	71	White	35,790	13,418
Beckham	690	209	McIntosh	454	151	Nonwhite	579	242
Blaine	357	142	Major	144	55	Baker	380	175
White	329	114	Marshall	222	59	Benton	773	194
Nonwhite	28	28	Mayes	436	174	Clackamas	969	571
Bryan	738	250	Murray	327	137	Clatsop	892	313
Durant	503	162	Muskogee	1,629	850	Astoria	696	191
Balance of county	235	108	White	1,320	554	Balance of county	196	122
Caddo	885	247	Nonwhite	309	296	Columbia	234	116
White	807	216	Muskogee	1,327	581	Coos	1,175	337
Nonwhite	78	31	White	1,136	428	Crooks	214	37
Canadian	555	217	Nonwhite	191	153	Curry	47	34
El Reno	458	146	Balance of county	302	249	Deschutes	665	161
Balance of county	97	71	White	184	106	Bend	541	116
Carter	640	320	Nonwhite	118	143	Balance of county	124	45
White	735	284	Noble	160	75	Douglas	856	349
Nonwhite	105	36	Nowata	181	96	Gilliam	11	16
Ardmore	678	226	White	155	76	Grant	148	57
White	609	195	Nonwhite	28	20	Harney	125	53
Nonwhite	69	31	Okfuskee	415	156	Hood River	367	115
Balance of county	162	94	White	298	96	Jackson	1,341	549
Cherokee	718	156	Nonwhite	117	60	Medford	1,083	254
White	421	108	Oklahoma	8,282	2,749	Balance of county	258	295
Nonwhite	297	48	Oklahoma City	7,762	2,367	Jefferson	37	26
Chicotaw	518	176	White	7,006	2,086	White	4	12
White	384	129	Nonwhite	757	271	Nonwhite	33	14
Nonwhite	134	47	Balance of county	520	382	Josephine	572	228
Cimarron	53	17	Okmulgee	1,147	400	Klamath	1,372	310
Cleveland	683	371	White	917	289	Klamath Falls	1,358	221
Norman	630	170	Nonwhite	230	101	Balance of county	16	89
Balance of county	53	201	Okmulgee	605	191	Lake	220	54
Coal	89	54	White	498	132	Lane	2,902	854
Comanche	1,654	347	Nonwhite	107	59	Eugene	2,569	532
Lawton	1,096	243	Balance of county	412	209	Balance of county	333	302
Balance of county	556	104	White	149	167	Lincoln	340	148
Cotton	161	82	Nonwhite	123	42	Linn	1,207	403
Craig	412	324	Osage	689	222	Malheur	952	167
Creek	770	355	Ottawa	860	293	Marion	2,640	1,191
White	640	278	Pawnee	274	123	Salem	2,139	829
Nonwhite	130	57	Payne	1,340	319	Balance of county	451	362
Sapulpa	319	120	Stillwater	812	120	Norrow	30	33
White	257	102	Balance of county	528	199	Multnomah	13,768	5,329
Nonwhite	62	18	Pittsburg	1,019	381	Portland	13,131	4,581
Balance of county	451	215	White	825	338	Balance of county	637	778
Custer	610	271	Nonwhite	94	43	Polk	388	181
Delaware	124	92	McAlester	782	226	Sherman	—	7
White	95	82	White	722	206	Tillamook	402	145
Nonwhite	29	10	Nonwhite	60	20	Umatilla	665	369
Devey	63	76	Balance of county	237	155	Union	494	188
Ellis	226	90	White	203	132	Wallowa	129	46
Garfield	1,606	585	Nonwhite	34	23	Wasco	533	201
Enid	1,580	494	Pontotoc	928	305	Washington	784	346
Balance of county	16	91	Ada	843	246	Wheeler	1	6
Garvin	745	210	Balance of county	85	59	Yachill	626	343
Grady	877	328	Pottawatomie	1,036	363	PENNSYLVANIA	248,573	110,038
Chickasha	750	218	Shawnee	947	273	White	233,469	102,610
White	706	188	Balance of county	89	90	Nonwhite	15,105	7,428
Nonwhite	44	30	Pushmataha	194	56	Adams	902	362
Balance of county	127	108	Roger Mills	15	37	Allaughny	37,580	15,392
Grant	11	69	Regers	567	207	Pittsburgh	24,809	8,876
Greer	244	95	Seminole	835	262	White	1,946	867
Harmon	157	51	White	678	206	Nonwhite	3,276	723
Harper	34	47	Nonwhite	157	58	McKeesport	1,600	459
Haskell	249	84	Seminole	434	78	Wilkinsburg	688	266
Hughes	564	161	Wewoka	295	65	Bellevue	1,555	293
White	503	156	White	223	42	Braddock	1,436	259
Nonwhite	61	25	Nonwhite	72	23	White	119	34
Jackson	527	152	Balance of county	106	119	Nonwhite	56	92
Jefferson	236	70	Sequoyah	367	118	Carnegie	22	69
Johnston	156	67	White	333	106	Clairton	28	76
Kay	1,264	436	Nonwhite	34	12	White	5	9
Ponca City	770	197	Stephens	951	247	Nonwhite	28	16
Balance of county	494	239	Texas	218	61	Coraopolis	5	46
Kingfisher	151	82	Tillman	449	166	Dormont	1	89
White	131	69	White	381	139			
Nonwhite	20	13	Nonwhite	68	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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
PENNSYLVANIA—Continued			PENNSYLVANIA—Continued			PENNSYLVANIA—Continued		
Allegheny—Continued			Franklin	2,161	894	Susquehanna	425	260
Duquesne	36	111	Chambersburg	1,215	280	Tioga	840	433
Harrison (twp.) ²	1,742	314	Waynesboro	753	143	Union	795	252
Homestead	724	232	Balance of county	471	193	Venango	1,606	785
White	694	202	Fulton	150	81	Oil City	924	296
Nonwhite	30	30	Greene	1,235	407	Balance of county	682	469
McKees Rocks	18	94	Huntingdon	1,129	420	Warren	787	714
Mount Lebanon (twp.) ²	2	129	Indian	1,630	669	Warren	719	269
Munhall	3	65	Indiana	7	63	Balance of county	68	445
North Braddock	17	73	Balance of county	1,623	606	Washington	5,275	1,886
Shaler (twp.) ²	65	80	Jefferson	1,409	534	Washington	1,519	474
Stowe (twp.) ²	501	111	Junata	199	96	Cenonsburg	945	120
Swissvale	9	85	Lackawanna	6,198	3,207	Charleroi	1	63
Balance of county	2,450	3,885	Scranton	4,298	1,742	Donora	7	56
White	2,341	3,614	Carbondale	829	286	Balance of county	2,903	1,173
Nonwhite	109	271	Dickson City	6	50	Wayne	330	357
Armstrong	1,599	675	Dunmore	92	177	Westmoreland	6,780	2,579
Beaver	2,975	1,360	Old Forge	28	56	Arnold	3	36
Aliquippa	120	121	Balance of county	945	896	Greensburg	2,036	373
White	42	93	Lancaster	5,826	2,369	Jeannette	37	75
Nonwhite	78	28	Lancaster	3,639	1,008	Latrobe	1,236	246
Ambridge	14	63	Columbia	509	141	Monessen	40	97
Beaver Falls	977	204	Balance of county	1,678	1,220	New Kensington	1,736	290
Ellwood City (part)	-	-	Lawrence	2,896	1,039	Vandergrift	44	54
Balance of county	1,864	952	New Castle	2,129	672	Balance of county	1,649	1,408
Bedford	711	376	Ellwood City (part)	709	133	Wyoming	1,681	141
Berks	5,062	2,863	Ellwood City (total)	709	133	York	5,316	1,909
Reading	1,246	1,246	Balance of county	58	254	York	2,752	921
Balance of county	2,854	1,617	Lebanon	1,945	776	Hanover	1,247	210
Blair	4,030	1,650	Lebanon	1,691	478	Balance of county	1,537	678
Altoona	3,303	1,080	Balance of county	254	298	RHODE ISLAND		
Balance of county	727	560	Lehigh	6,439	2,519		18,501	8,324
Bradford	1,438	694	Allentown	4,206	1,595			
Bucks	2,211	1,071	Bethlehem (part)	4	42	White	18,108	8,144
Bristol	269	87	Balance of county	2,229	882	Nonwhite	393	180
Balance of county	1,942	984	Luzerne	9,109	4,220	Bristol	25	195
Butler	1,967	974	Hazleton	1,858	443	Bristol (town)	18	91
Butler	41	126	Wilkes-Barre	3,753	1,293	Balance of county	7	104
Balance of county	1,926	848	Hanover (twp.) ²	25	93	Kent	534	500
Cambria	5,521	1,975	Kingston	1,427	347	Warwick	33	281
Johnstown	3,702	946	Mantiocke	719	315	West Warwick (town)	294	118
Balance of county	1,819	1,029	Pittston	21	129	Balance of county	17	101
Cameron	7	54	Plains (twp.) ²	21	72	Newport	1,332	623
Carbon	793	526	Plymouth	22	114	Newport	1,519	495
Centre	1,931	640	Balance of county	1,263	1,414	Balance of county	15	130
Chester	3,074	1,538	Lycoming	2,643	1,170	Providence	15,704	6,592
Coatesville	109	89	Williamsport	2,145	729	Providence	11,198	3,273
White	29	62	Balance of county	698	441	Central Falls	451	159
Nonwhite	80	27	McKean	1,523	581	Cranston	263	962
Phoenixville	571	162	Bradford	650	242	East Providence (town)	12	232
West Chester	1,846	372	Balance of county	693	339	Pawtucket	1,939	860
White	1,079	308	Mercer	3,232	1,115	Woonsocket	1,790	509
Nonwhite	167	64	Sharon	1,770	411	Cumberland (town)	3	62
Balance of county	1,148	915	Farrell	13	47	Johnston (town)	3	59
Clarion	502	301	White	11	42	Lincoln (town)	7	76
Clearfield	1,998	792	Nonwhite	2	5	North Providence (town)	5	68
Du Bois	930	223	Balance of county	1,449	657	Balance of county	27	342
Balance of county	1,068	569	Mifflin	1,447	511	Washington	1,106	414
Clinton	1,124	404	Levittown	258	129	Westerly (town)	669	168
Lock Haven	894	231	Balance of county	1,189	382	Balance of county	437	245
Balance of county	230	173	Monroe	894	407	SOUTH CAROLINA		
Columbin	1,272	535	Montgomery	7,528	3,533		59,203	17,150
Berwick	556	166	Lower Merion (twp.) ²	1,696	533	White	33,819	8,847
Balance of county	716	370	Norristown	2,110	914	Nonwhite	25,384	8,303
Crawford	2,039	921	Abington (twp.) ²	1,748	422	Abbeville	371	162
Headville	1,405	398	Cheltenham (twp.) ²	2	163	White	181	92
Balance of county	636	523	Conshohocken	31	65	Nonwhite	180	70
Cumberland	1,925	769	Pottstown	1,445	350	Aiken	1,209	394
Carlisle	915	268	Balance of county	484	1,086	White	738	219
Balance of county	1,009	501	Montour	1,154	477	Nonwhite	471	175
Dauphin	5,365	2,401	Northampton	2,739	1,410	Allendale	325	102
Harrisburg	4,505	1,417	Bethlehem (part)	115	210	White	31	22
Steelton	30	84	Bethlehem (total)	119	252	Nonwhite	294	80
White	14	52	Easton	671	312	Anderson	2,525	680
Nonwhite	16	22	Balance of county	1,953	888	White	2,019	470
Balance of county	830	900	Northumberland	2,023	1,148	Nonwhite	506	210
Delaware	8,599	3,057	Mount Carmel	37	104	Anderson	1,600	391
Chester	2,111	746	Shamokin	44	126	White	1,431	285
White	1,624	553	Sumbury	750	261	Nonwhite	169	108
Nonwhite	487	193	Balance of county	1,192	657	Balance of county	925	289
Haverford (twp.) ²	2	176	Perry	193	211	White	588	187
Upper Merion (twp.) ²	543	482	Philadelphia, coextensive with	52,969	24,833	Nonwhite	337	102
Darby	2,261	273	Philadelphia (city)	45,759	20,671	Bamberg	349	131
White	2,185	253	White	9,210	4,162	White	81	45
Nonwhite	56	20	Nonwhite	19	95	Nonwhite	268	86
Lansdowne	5	78	Pike	296	176	Balance of county	430	135
Balance of county	1,697	1,502	Potter	4,670	2,422	Barwell	76	45
Elk	972	515	Schuylkill	49	110	White	354	90
Erle	5,805	2,138	Mahanoy City	2,076	512	Nonwhite	790	225
Balance of county	5,039	1,525	Pottsville	21	125	Beaufort	295	46
Balance of county	764	612	Shenandoah	27	68	White	493	179
Fayette	4,736	1,818	Tamaqua	159	196	Nonwhite	873	218
Connellsville	986	268	Balance of county	1,934	793	White	225	76
Uniontown	1,862	449	Snyder	36	60	Nonwhite	648	142
Balance of county	1,898	1,101	Somerset					
Forest	39	31	Sullivan					

²Since 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, 1947—Continued

(See headnote on p. 26)

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	369	130	Marion	1,401	268	Clark	67	47
White	24	27	White	779	118	Clay	257	73
Nonwhite	345	103	Nonwhite	622	150	Codington	892	230
Charleston	5,430	1,506	Marlboro	1,136	318	Watertown	890	211
White	2,961	696	White	597	140	Balance of county	2	19
Nonwhite	2,569	810	Nonwhite	539	178	Corson	22	19
Charleston	4,080	1,024	Newberry	963	232	White	15	10
White	2,512	512	White	554	136	Nonwhite	7	9
Nonwhite	1,568	512	Nonwhite	309	96	Custer	56	50
Balance of county	1,350	492	Oconee	1,009	268	Davison	986	380
White	549	184	White	903	214	Mitchell	995	368
Nonwhite	1,001	298	Nonwhite	106	54	Balance of county	1	12
Cherokee	897	221	Orangeburg	2,227	672	Day	276	121
White	660	183	White	771	243	Deuel	20	40
Nonwhite	237	58	Nonwhite	1,456	429	Dewey	87	34
Chester	740	236	Orangeburg	848	302	White	19	5
White	549	115	White	639	149	Nonwhite	68	28
Nonwhite	391	121	Nonwhite	209	153	Douglas	21	20
Chesterfield	906	199	Balance of county	1,379	370	Edmunds	140	38
White	365	89	White	132	94	Fall River	373	186
Nonwhite	441	110	Nonwhite	1,247	276	Faulk	75	31
Clarendon	829	216	Pickens	686	163	Grant	222	76
White	722	181	White	577	148	Gregory	298	89
Nonwhite	789	261	Nonwhite	109	35	Haskell	84	18
Colliton	367	129	Richland	4,335	2,097	Hamlin	54	51
White	422	132	White	3,025	1,042	Hard	153	51
Nonwhite	1,505	372	Nonwhite	1,310	1,055	Hanson	20	14
Darlington	755	173	Columbia	3,523	1,249	Harding	3	11
White	750	199	White	2,684	814	Hughes	447	133
Nonwhite	854	211	Nonwhite	859	435	Hutchinson	372	77
Dillon	590	81	Balance of county	812	848	Hyde	19	17
White	464	130	White	361	226	Jackson	70	19
Nonwhite	810	190	Nonwhite	451	620	Jervauld	45	19
Dorchester	280	81	Saluda	297	76	Jones	20	21
White	330	109	White	123	31	Kingsbury	70	25
Nonwhite	392	100	Nonwhite	174	47	Lake	416	160
Edgefield	93	42	Spartanburg	3,902	1,042	Lawrence	535	86
White	299	58	White	2,924	721	Lincoln	189	19
Nonwhite	657	147	Nonwhite	878	321	Lyman	46	54
Fairfield	209	54	Spartanburg	2,614	585	McCook	234	61
White	449	93	White	2,212	404	McPherson	404	74
Nonwhite	2,699	790	Nonwhite	402	181	Marshall	148	79
Florence	1,566	380	Balance of county	1,189	457	Meade	26	32
White	1,133	400	White	712	317	Mellette	2	15
Nonwhite	1,393	486	Nonwhite	476	140	White	24	17
Florence	1,067	258	Sumter	2,013	508	Nonwhite	92	37
White	326	228	White	927	169	Miner	2,306	680
Nonwhite	1,306	294	Nonwhite	1,086	339	Minnehaha	2,215	614
Balance of county	499	122	Balance of county	1,101	256	Balance of county	90	76
White	807	172	White	895	128	Moody	135	67
Nonwhite	729	184	Nonwhite	206	128	Pennington	914	279
Georgetown	204	62	Balance of county	912	252	Rapid City	871	227
White	524	122	White	32	41	Balance of county	43	52
Nonwhite	4,765	1,386	Nonwhite	880	211	Perkins	132	21
Greenville	3,905	1,000	Union	664	233	Petler	139	40
White	860	386	White	450	145	Roberts	224	121
Nonwhite	2,482	724	Nonwhite	214	88	Sanborn	1	17
Greenville	1,931	459	Williamsburg	1,727	362	Shannon	188	52
White	551	265	White	610	117	White	14	3
Nonwhite	2,283	662	Nonwhite	1,117	245	Nonwhite	174	49
Balance of county	1,974	541	York	1,969	440	Spink	184	126
White	309	121	White	1,220	255	Stanley	2	5
Nonwhite	1,080	325	Nonwhite	749	185	Sully	4	10
Greenwood	758	191	Rock Hill	619	114	Todd	126	42
White	322	154	White	487	74	White	15	4
Nonwhite	806	179	Nonwhite	132	40	Nonwhite	111	39
Greenwood	649	105	Balance of county	1,350	326	Tripp	216	67
White	157	74	White	733	161	Turner	108	79
Nonwhite	274	146	Nonwhite	617	145	Union	35	40
Hampton	109	86	SOUTH DAKOTA			Walworth	347	74
White	165	60	White	15,626	5,405	Washabaugh	14	5
Nonwhite	427	142	Nonwhite	651	302	White	1	3
Horry	54	58	Armstrong	-	-	Nonwhite	13	3
White	373	84	White	-	-	Washington	1	2
Nonwhite	1,846	384	Nonwhite	-	-	White	1	2
Jasper	1,320	261	Aurora	80	24	Nonwhite	640	348
White	526	123	Beadle	736	234	Ziebach	61	20
Nonwhite	345	93	Baron	732	207	White	44	6
White	148	31	Balance of county	4	27	Nonwhite	17	14
Nonwhite	197	62	Bennett	18	14	TENNESSEE		
Kershaw	905	268	White	10	5	White	88,921	29,478
White	439	112	Nonwhite	8	9	Nonwhite	75,127	22,666
Nonwhite	466	156	Bon Homme	199	48	Anderson	1,736	246
Lancaster	1,040	205	Brookings	538	134	Bedford	593	219
White	773	123	Brown	1,130	326	White	513	181
Nonwhite	267	82	Aberdeen	1,124	268	Nonwhite	70	39
Laurens	803	333	Balance of county	6	38	Benton	243	83
White	469	187	Brule	33	24	Bledsoe	286	76
Nonwhite	334	146	Buffalo	20	11	Blount	1,573	314
Lee	603	144	White	-	1	Bradley	1,047	275
White	66	56	Nonwhite	20	10	Cleveland	844	159
Nonwhite	537	88	Butte	224	76	White	801	136
Lexington	728	269	White	7	13	Nonwhite	43	22
White	450	173	Nonwhite	242	82	Balance of county	203	117
Nonwhite	298	96	Campbell	193	65			
McCormick	355	100	Charles Mix	49	17			
White	112	34	White	-	-			
Nonwhite	243	66	Nonwhite	-	-			

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	
TENNESSEE—Continued			TENNESSEE—Continued			TEXAS			
Campbell	1,236	285	McMinn	1,066	250		197,254	62,435	
Cannon	292	102	McNairy	535	141	White	173,901	51,841	
Carroll	574	212	Macon	235	117	Nonwhite	23,353	10,594	
	White	501	Madison	1,769	606	Anderson	714	357	
	Nonwhite	73		White	1,182	373	White	516	224
Carters	1,099	273		Nonwhite	577	227	Nonwhite	198	153
Cheatham	129	67	Jackson	1,351	436	Palestine	528	238	
Chester	214	51		White	1,086	288	White	459	153
	White	181		Nonwhite	265	148	Nonwhite	69	85
	Nonwhite	33	Balance of county	408	170	Balance of county	186	119	
Claiborne	540	121		White	91	71	White	57	71
Clay	211	48		Nonwhite	312	79	Nonwhite	129	48
Cocks	604	204	Marion	517	136	Andrews	83	19	
Coffee	579	196	Marshall	464	188	Angelina	1,061	294	
Crockett	319	129		White	437	165	White	911	280
	White	198		Nonwhite	47	23	Nonwhite	150	84
	Nonwhite	121	Maury	1,050	370	Arenas	36	34	
Cumberland	518	109		White	825	254	Archer	32	33
Davidson	8,606	3,737		Nonwhite	224	116	Armstrong	32	17
	White	7,041	Columbia	568	152	Atascosa	492	151	
	Nonwhite	1,565		White	597	108	Austin	316	157
DeKalb	7,650	2,638		Nonwhite	71	54	White	232	117
Dickson	8,205	1,790	Balance of county	392	206	Nonwhite	84	40	
Dyer	1,445	848		White	229	142	Bayley	123	32
	White	956		Nonwhite	153	62	Bandera	32	32
	Nonwhite	865	Meigs	90	27	Bastrop	454	205	
Decatur	120	234	Monroe	764	173		White	293	123
De Kalb	229	79	Montgomery	1,055	355		Nonwhite	161	82
Dickson	87	87		White	845	235	Baylor	178	62
Dyersburg	489	151		Nonwhite	212	114	Bee	576	173
	White	924	Clarksville	791	211	Bell	1,583	635	
	Nonwhite	804		White	697	141	White	1,420	559
Dyersburg	544	175		Nonwhite	94	70	Nonwhite	153	76
	White	475	Balance of county	264	142	Temple	956	363	
	Nonwhite	69		White	146	95	White	844	323
Balance of county	380	142		Nonwhite	118	44	Nonwhite	112	40
Fayette	854	196	Moore	31	35	Balance of county	627	272	
	White	171	Morgan	299	66	Bexar	14,817	4,474	
	Nonwhite	683	Obion	563	252	San Antonio	13,989	3,946	
Fentress	433	139		White	508	204	White	13,272	3,636
Franklin	600	245		Nonwhite	55	48	Nonwhite	717	310
	White	564	Overton	106	36	Balance of county	828	528	
	Nonwhite	36	Ferry	60	32	Blanco	89	49	
Gibson	1,364	445	Pickett	427	101	Borden	331	121	
	White	1,132	Polk	354	198	Bowie	1,142	470	
	Nonwhite	232	Putnam	878	105	White	618	259	
Giles	589	244	Rhea	1,300	285	Nonwhite	324	173	
	White	437	Roane	668	219	Texarkana ^c	646	271	
	Nonwhite	152	Robertson	546	179	White	540	191	
Grainger	198	72		White	123	40	Nonwhite	106	62
Greene	1,296	361	Rutherford	891	388	Balance of county	496	197	
Grundy	407	78		White	763	288	White	278	108
Hamblen	745	209		Nonwhite	128	90	Nonwhite	218	89
Hamilton	6,590	2,295	Scott	613	151	Brazoria	1,131	235	
	White	5,462	Sequatchie	144	34	White	1,013	177	
	Nonwhite	1,128	Seymour	699	174	Nonwhite	118	58	
Chattanooga	5,944	1,915	Shelby	15,159	5,154	Brazos	1,250	300	
	White	4,860		White	8,394	2,674	White	958	181
	Nonwhite	1,084	Memphis	4,745	2,280	Nonwhite	292	119	
Balance of county	646	300		White	12,140	4,202	Bryan	1,130	289
Hancock	214	48		Nonwhite	8,024	2,397	White	937	146
Hardeman	464	354	Balance of county	4,116	1,805	Nonwhite	183	81	
	White	215		White	999	477	Balance of county	120	71
	Nonwhite	249	Smith	370	475	White	21	35	
Hardin	351	132	Stewart	196	101	Nonwhite	89	38	
Hawkins	618	186	Sullivan	176	68	Brewster	250	65	
Haywood	961	286		2,641	551	Briscoe	5	7	
	White	444	Bristol ^b	183	100	Brooks	316	69	
	Nonwhite	537	Kingport	1,931	215	Brown	866	277	
Henderson	479	122	Balance of county	527	236	Brownwood	851	225	
Hopewell	589	242	Summer	683	298	Balance of county	15	52	
	White	483		White	604	244	Burleson	137	128
	Nonwhite	76		Nonwhite	79	44	White	81	64
Hickman	173	92	Tipton	726	167	Nonwhite	106	64	
Houston	121	67		White	399	83	Burnet	204	73
Humphreys	240	85		Nonwhite	337	84	Caldwell	609	213
Jackson	277	90	Trousdale	136	34	White	534	174	
Jefferson	496	166		White	105	25	Nonwhite	75	39
Johnson	334	75	Union	31	11	Calhoun	119	59	
Knox	6,231	2,198	Union	462	108	Callahan	143	61	
	White	5,719	Van Buren	127	41	Cameron	4,726	1,104	
	Nonwhite	512	Warren	67	23	Brownsville	1,269	344	
Knoxville	5,604	1,592	Washington	725	184	Harlingen	1,051	248	
	White	5,118	Johnson City	1,677	595	Balance of county	2,406	512	
	Nonwhite	486		White	1,376	409	White	262	56
Balance of county	627	606		Nonwhite	1,322	354	Nonwhite	94	34
Lake	344	102	Wayne	54	55	Carson	70	42	
	White	266	Weakley	370	99	Cass	764	212	
	Nonwhite	88	White	542	258	White	494	141	
Lauderdale	438	202	Williamson	488	142	Nonwhite	270	71	
	White	235		White	496	142	Castro	102	16
	Nonwhite	203	Wilson	567	217	Chambers	81	37	
Lawrence	939	210		White	455	165	White	44	24
Lewis	315	48		Nonwhite	105	52	Nonwhite	37	15
Lincoln	778	277		White	927	295	Cherokee	1,122	506
	White	659		White	827	242	White	897	322
	Nonwhite	119		Nonwhite	100	43	Nonwhite	225	184
London	685	132							

^bIncludes data for Bristol, Tenn., only.

^cIncludes 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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
TEXAS—Continued			TEXAS—Continued			TEXAS—Continued		
Childress	245	92	Gray—Continued			Jefferson—Continued		
Clay	40	45	Balance of county	11	23	Beaumont	2,823	763
Cochran	66	19	Grayson	1,727	739	White	2,168	510
Coke	21	10	Denison	665	286	Nonwhite	655	253
Coleman	357	156	White	591	202	Port Arthur	2,151	404
Collin	850	521	Nonwhite	74	64	White	1,809	302
Collingsworth	237	60	Sherman	882	310	Nonwhite	342	102
Colorado	141	61	White	930	275	Balance of county	545	248
White	210	51	Nonwhite	52	35	White	159	192
Nonwhite	115	50	Balance of county	180	163	Nonwhite	167	56
Comal	441	172	Gregg	1,739	503	Jim Hogg	141	35
Comanche	147	104	White	1,372	341	Jim Wells	899	176
Concho	61	27	Nonwhite	366	162	Johnson	697	298
Cooke	597	212	Longview	959	216	Cleburne	473	145
Correll	277	129	White	732	146	Balance of county	224	143
Cottle	186	58	Nonwhite	227	70	Jones	417	149
Crane	72	14	Balance of county	779	287	Karnes	506	126
Crockett	55	13	White	640	195	Kaufman	779	477
Crosby	25	44	Nonwhite	139	92	White	559	377
Culberson	171	16	White	455	165	Nonwhite	220	100
Dallam	16	39	Nonwhite	288	98	Terrell	444	537
Dallas	14,294	4,534	Guadalupe	178	77	White	355	274
White	12,372	3,642	White	619	236	Nonwhite	89	63
Nonwhite	1,912	892	Nonwhite	525	179	Balance of county	335	140
Dallas	13,898	3,809	Hale	94	57	White	204	105
White	12,053	3,066	Hall	643	143	Nonwhite	131	37
Nonwhite	1,845	753	Hamilton	322	87	Kendall	59	46
Highland Park	-	53	Hansford	226	93	Kenedy	3	2
White	-	47	Hardeman	19	17	Kent	32	6
Nonwhite	-	6	Hardeman	337	90	Kerr	365	277
University Park	-	64	Hardin	429	114	Kimble	77	29
Balance of county	396	608	White	349	92	King	1	1
White	319	476	Nonwhite	80	22	Kimney	39	17
Nonwhite	67	132	Harris	18,721	5,748	Kleberg	726	135
Dawson	692	156	White	15,336	4,265	Knox	503	61
Deaf Smith	227	55	Nonwhite	3,385	1,483	Lamar	1,418	514
Delta	135	64	Houston	16,789	5,062	White	1,202	421
Denton	761	317	White	13,585	3,690	Nonwhite	212	95
Denton	533	180	Nonwhite	3,204	1,372	Paris	986	359
White	511	161	Balance of county	1,932	686	White	866	296
Nonwhite	22	19	White	1,753	575	Nonwhite	120	63
Balance of county	225	137	Harrison	179	111	Balance of county	432	155
De Witt	534	260	White	1,209	461	White	340	125
White	473	201	Nonwhite	561	197	Nonwhite	92	30
Nonwhite	61	59	Marshall	645	264	Lamb	695	138
Dickens	142	49	White	774	263	Lampasas	298	118
Dimit	299	72	Nonwhite	535	140	La Salle	258	61
Donley	96	52	Balance of county	239	129	Lavaca	689	269
Duval	418	100	White	435	193	White	615	233
Eastland	918	289	Nonwhite	26	57	Nonwhite	74	38
Ector	823	140	Hartley	409	136	Lee	103	74
Edwards	37	10	Haskell	341	35	White	51	44
Ellis	938	407	Hays	285	63	Nonwhite	52	30
White	696	296	Hempill	365	156	Leon	182	86
Nonwhite	240	111	Henderson	82	35	White	62	42
El Paso	5,291	1,513	Hidalgo	513	153	Nonwhite	120	44
El Paso	4,825	1,244	White	404	118	Liberty	937	272
Balance of county	1,466	269	Nonwhite	109	35	White	759	197
Erath	432	148	McAllen	6,266	1,396	Nonwhite	179	75
Falls	731	303	Balance of county	1,159	211	Limestone	512	204
White	527	205	Kill	5,107	1,173	White	344	113
Nonwhite	204	100	White	528	266	Nonwhite	168	81
Fannin	664	305	Nonwhite	405	221	Lipscomb	61	47
White	605	270	Hockley	123	45	Live Oak	179	57
Nonwhite	59	35	Wood	369	93	Llano	89	59
Fayette	504	303	Hopkins	77	42	Loving	-	-
White	361	231	Houston	547	256	Lubbock	2,913	625
Nonwhite	143	72	White	478	232	Lubbock	2,526	514
Fisher	306	76	Nonwhite	69	24	Balance of county	387	111
Floyd	146	69	Howard	578	213	Lynn	160	64
Foard	75	44	White	368	114	Mculloch	432	124
Port Bend	563	225	Nonwhite	210	99	McLennan	2,998	1,178
White	444	154	Big Spring	732	198	White	2,402	888
Nonwhite	139	71	Balance of county	718	146	Nonwhite	596	290
Franklin	65	57	Badsworth	14	52	Waco	2,663	811
Freestone	370	175	Bunt	110	18	White	2,220	605
White	198	103	White	1,166	432	Nonwhite	443	206
Nonwhite	172	72	Nonwhite	1,002	388	Balance of county	336	367
Frio	424	120	Greenville	164	77	White	182	283
Geimes	261	60	White	623	235	Nonwhite	153	84
Galveston	2,884	1,558	Nonwhite	708	179	McMullen	9	6
White	2,285	1,224	Balance of county	115	54	Madison	189	50
Nonwhite	629	334	White	343	199	White	117	30
Galveston	2,350	1,029	Nonwhite	294	176	Nonwhite	72	20
White	1,785	757	Hutchinson	49	23	Marion	258	94
Nonwhite	615	272	White	870	145	White	91	39
Balance of county	534	329	Nonwhite	728	103	Nonwhite	147	56
White	520	467	Balance of county	142	40	Martin	106	26
Nonwhite	14	62	Irion	20	8	Mason	36	36
Garza	106	37	Jack	138	48	Matagorda	500	173
Gillespie	353	106	Jackson	204	69	White	457	129
Glasscock	-	3	White	161	50	Nonwhite	143	44
Goliad	110	57	Nonwhite	43	19	Maverick	447	109
White	99	48	Jasper	594	174	Medina	522	128
Nonwhite	12	9	White	452	123	Monard	76	30
Gonzales	511	212	Nonwhite	142	51	Midland	513	115
White	421	168	Jeff Davis	56	16	Milam	481	220
Nonwhite	90	44	Jefferson	5,319	1,415	White	354	153
Gray	746	176	White	4,135	1,004	Nonwhite	127	67
Pampa	735	153	Nonwhite	1,184	411	Mills	10	40

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, 1947—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	360	99	Smith—Continued				21,972	5,176
Montague	362	163	Balance of county	396	222	White	21,716	5,064
Montgomery	554	214	White	102	130	Nonwhite	256	122
White	422	132	Somervell	29	37	Beaver	114	34
Nonwhite	132	82	Starr	462	103	Box Elder	623	112
Moore	75	39	Stephens	193	79	Cache	1,204	228
Morris	118	57	Sterling	6	4	Logan	1,163	142
White	61	37	Stonewall	20	14	Balance of county	41	86
Nonwhite	57	20	Sutton	81	14	Carbon	685	194
Motley	161	28	Swisher	169	38	Daggett	-	-
Nacogdoches	832	269	Tarrant	8,707	2,682	Devis	24	107
White	600	185	White	7,832	2,269	Duchesne	256	47
Nonwhite	232	84	Nonwhite	875	413	Emery	29	31
Navarro	1,019	357	Fort Worth	8,424	2,374	Garfield	189	79
White	768	261	White	7,567	1,974	Grand	95	20
Nonwhite	251	96	Nonwhite	857	400	Iron	444	77
Corsicana	842	217	Balance of county	283	308	Juab	4	38
White	719	164	Taylor	1,671	505	Kane	92	22
Nonwhite	123	53	Abilene	1,533	360	Millard	274	57
Balance of county	177	140	Balance of county	139	145	Morgan	-	16
White	69	97	Terrell	58	-	Plute	6	13
Nonwhite	108	43	Terry	368	79	Rich	1	4
Newton	186	56	Throckmorton	5	18	Salt Lake	9,130	2,237
White	72	26	Titus	374	135	Salt Lake City	6,054	1,967
Nonwhite	114	30	White	297	110	Balance of county	1,096	270
Nolan	572	142	Nonwhite	77	25	San Juan	66	16
Sweetwater	432	110	Tom Green	1,778	576	White	65	12
Balance of county	140	32	San Angelo	1,467	450	Nonwhite	1	4
Nueces	5,393	1,063	Balance of county	311	126	San Pete	351	108
White	3,931	782	Travis	3,912	1,488	Sovier	521	116
Nonwhite	1,462	281	White	3,335	1,166	Summit	252	75
Corpus Christi	225	45	Nonwhite	577	322	Tooele	418	86
Balance of county	1,422	281	Austin	3,766	1,374	Utah	357	65
Ochiltree	4	5	White	3,225	1,077	White	351	56
Olham	4	5	Nonwhite	541	297	Nonwhite	6	9
Orange	1,193	219	Balance of county	146	114	2,670	598	
White	1,043	180	White	110	89	Provo	1,276	255
Nonwhite	150	39	Nonwhite	36	25	Balance of county	1,394	343
Palo Pinto	452	208	Trinity	139	84	Wasatch	228	45
White	202	121	White	85	50	Washington	320	77
Nonwhite	85	55	Nonwhite	54	34	Wayne	5	6
Parker	117	66	Tyler	213	74	Weber	3,414	688
Parkmer	409	168	White	157	49	Ogden	3,414	589
Pearmer	33	20	Nonwhite	56	25	Balance of county	-	79
Pecos	236	59	Upshur	559	171	VERMONT	9,320	4,354
Polk	470	145	White	420	121	White	9,316	4,348
White	327	95	Nonwhite	139	50	Nonwhite	4	6
Nonwhite	143	50	Upton	122	17	Addison	382	162
Potter	2,382	646	Uvalde	563	139	Bennington	560	289
Amarillo (part)	2,382	583	Val Verde	642	193	Caledonia	698	315
Amarillo (total)	2,382	583	Del Rio	637	185	Chittenden	2,030	639
Balance of county	-	-	Balance of county	5	8	Burlington	1,698	459
Presidio	240	59	Van Zandt	440	186	Balance of county	332	179
Reina	36	29	Victoria	945	289	Essex	69	64
Randall	163	48	White	865	238	Franklin	761	305
Amarillo (part)	-	-	Nonwhite	80	51	Grand Isle	15	39
Balance of county	163	48	Victoria	849	218	Lemoille	270	132
Reagan	26	3	White	781	182	Orange	242	199
Real	20	5	Nonwhite	68	36	Orleans	625	230
Red River	510	199	Balance of county	96	71	Rutland	1,082	592
White	376	147	Walker	474	170	Balance of county	837	309
Nonwhite	134	52	White	316	88	Rutland	245	283
Reeves	374	84	Nonwhite	158	82	Balance of county	1,070	559
Refugio	241	55	White	47	34	Washington	808	178
White	214	44	Nonwhite	107	52	Barre	462	381
Nonwhite	27	11	Washington	428	78	Balance of county	837	420
Roberts	-	8	White	556	243	Windham	837	420
Robertson	407	197	Nonwhite	365	162	Windsor	681	412
White	178	87	Webb	1,989	473	VIRGINIA	82,141	28,996
Nonwhite	229	110	Laredo	1,957	462	White	82,271	20,089
Rockwell	54	37	Balance of county	32	11	Nonwhite	19,870	8,907
White	24	32	Wharton	1,212	373	Accomack	407	348
Nonwhite	30	5	White	981	259	White	153	209
Runnels	427	131	Nonwhite	231	114	Nonwhite	254	139
Rusk	917	289	Wheeler	315	98	Albemarle	1,769	604
White	614	197	Wichita	2,336	788	White	1,293	448
Nonwhite	163	92	Wichita Falls	2,188	477	Nonwhite	476	156
Sabine	129	52	Balance of county	148	311	Alleghany	490	140
White	34	17	Wilbarger	614	136	Amelia	171	87
Nonwhite	34	17	Willacy	772	155	White	45	29
San Augustine	219	63	Williamson	1,035	334	Nonwhite	126	58
White	123	41	White	789	241	Amherst	163	193
Nonwhite	96	22	Nonwhite	246	93	White	65	147
San Jacinto	84	54	Wilson	404	142	Nonwhite	96	36
White	21	23	Winkler	247	51	Appomattox	81	68
Nonwhite	63	31	Wise	345	118	White	35	46
San Patricio	1,134	325	Wood	360	160	Nonwhite	46	22
San Saba	257	67	White	298	145	Arlington	1,337	448
Schleicher	37	15	Nonwhite	62	15	Augusta	724	343
Scurry	199	52	Toakum	-	-	Bath	138	57
Shackelford	21	33	Young	563	163	White	125	52
Shelby	680	192	Zapata	103	24	Nonwhite	13	5
White	502	142	Zavala	407	119			
Nonwhite	118	50						
Sherman	-	5						
Smith	1,874	580						
White	1,291	375						
Nonwhite	583	205						
Tyler	1,478	356						
White	1,189	245						
Nonwhite	289	113						

¹Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of this State.
²Classified 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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
VIRGINIA ⁷ —Continued			VIRGINIA ⁷ —Continued			VIRGINIA ⁷ —Continued		
Bedford-----	510	275	James City-----	62	32	Russell-----	763	175
White-----	365	222	White-----	4	16	Scott-----	302	180
Nonwhite--	145	53	Nonwhite--	58	16	Shenandoah-----	477	224
Bland-----	85	54	King and Queen-----	118	46	Smyth-----	981	517
Botetourt-----	172	102	White-----	29	13	Southampton-----	774	253
White-----	145	87	Nonwhite--	89	33	White-----	217	85
Nonwhite--	27	15	King George-----	68	35	Nonwhite--	557	168
Brunswick-----	405	152	White-----	22	21	Spotsylvania-----	31	79
White-----	67	55	Nonwhite--	46	14	White-----	97	46
Nonwhite--	538	97	King William-----	103	76	Nonwhite--	54	33
Buchanan-----	1,143	196	White-----	22	37	Stafford-----	61	72
Buckingham-----	229	93	Nonwhite--	81	39	White-----	27	57
White-----	68	40	Leicester-----	154	98	Nonwhite--	34	15
Nonwhite--	161	53	White-----	58	48	Surry-----	120	59
Campbell-----	371	144	Nonwhite--	96	40	White-----	10	25
White-----	230	98	Lee-----	1,035	251	Nonwhite--	110	34
Nonwhite--	151	46	Loudoun-----	462	205	Sussex-----	264	98
Caroline-----	243	128	White-----	356	163	White-----	14	31
White-----	57	59	Nonwhite--	106	42	Nonwhite--	250	67
Nonwhite--	186	69	Louisa-----	241	116	Tazewell-----	1,531	379
Carroll-----	476	143	White-----	121	71	Warren-----	469	105
Charles City-----	123	45	Nonwhite--	120	45	Warwick-----	201	102
White-----	14	4	Lunenburg-----	220	122	White-----	29	58
Nonwhite--	109	39	White-----	66	63	Nonwhite--	172	44
Charlotte-----	236	81	Nonwhite--	154	59	Washington-----	846	320
White-----	80	38	Madison-----	36	65	Westmoreland-----	196	92
Nonwhite--	156	43	White-----	19	45	White-----	75	53
Chesterfield-----	169	396	Nonwhite--	17	20	Nonwhite--	121	59
White-----	83	286	Mathews-----	43	65	Wise-----	1,842	456
Nonwhite--	146	110	White-----	10	60	Wythe-----	659	195
Clarke-----	67	56	Nonwhite--	33	25	York-----	61	57
White-----	48	37	Mecklenburg-----	696	244	White-----	7	25
Nonwhite--	19	19	White-----	203	123	Nonwhite--	54	34
Craig-----	52	22	Nonwhite--	493	121	Independent Cities ⁹		
Calpeper-----	169	96	Middlesex-----	58	64	Alexandria-----	2,130	407
White-----	76	71	White-----	2	30	White-----	1,906	318
Nonwhite--	93	25	Nonwhite--	56	34	Nonwhite--	224	89
Cumberland-----	125	78	Montgomery-----	639	228	Bristol ¹⁰ -----	1,228	232
White-----	16	51	White-----	422	168	White-----	1,191	215
Nonwhite--	109	47	Nonwhite--	45	53	Nonwhite--	57	17
Dickenson-----	687	156	White-----	377	135	Buena Vista-----	70	46
Dinwiddie-----	274	471	Nonwhite--	126	114	Charlottesville-----	515	177
White-----	44	42	Nelson-----	66	85	White-----	498	139
Nonwhite--	230	429	White-----	60	29	Nonwhite--	17	17
Elizabeth City-----	335	384	Nonwhite--	39	36	Danville-----	1,991	559
White-----	251	218	New Kent-----	35	14	White-----	1,644	358
Nonwhite--	84	166	White-----	22	22	Nonwhite--	61	19
Essex-----	110	63	Norfolk-----	2,749	542	Fredericksburg-----	616	174
White-----	27	32	White-----	2,123	353	White-----	691	128
Nonwhite--	83	51	Nonwhite--	626	189	Nonwhite--	125	46
Fairfax-----	405	295	Northampton-----	772	264	Hampton-----	542	182
White-----	330	240	White-----	454	150	White-----	239	82
Nonwhite--	75	55	Nonwhite--	338	154	Nonwhite--	1,232	254
Fauquier-----	547	198	Northumberland-----	153	79	Hopewell-----	335	82
White-----	397	148	White-----	64	42	White-----	310	65
Nonwhite--	150	52	Nonwhite--	69	36	Nonwhite--	25	19
Floyd-----	121	71	Nottoway-----	243	184	Lynchburg-----	2,412	622
Fluvanna-----	95	62	White-----	65	68	White-----	1,967	416
White-----	40	54	Nonwhite--	178	116	Nonwhite--	445	206
Nonwhite--	55	28	Orange-----	115	105	Martinsville-----	855	169
Franklin-----	489	146	White-----	71	71	White-----	640	111
White-----	391	121	Nonwhite--	44	34	Nonwhite--	215	58
Nonwhite--	98	25	Page-----	405	127	Newport News-----	3,050	599
Frederick-----	33	96	Patrick-----	480	106	White-----	2,368	328
Giles-----	549	150	Pittsylvania-----	851	354	Nonwhite--	682	271
Gloucester-----	96	83	White-----	284	179	Norfolk-----	6,683	1,995
White-----	26	39	Nonwhite--	547	175	White-----	5,050	1,210
Nonwhite--	70	44	Powhatan-----	70	47	Nonwhite--	1,633	785
Goochland-----	150	78	White-----	14	29	Petersburg-----	1,258	502
White-----	37	53	Nonwhite--	56	18	White-----	840	266
Nonwhite--	113	45	Prince Edward-----	747	213	Nonwhite--	416	238
Grayson-----	481	209	White-----	487	102	Portsmouth-----	1,576	577
Greene-----	34	45	Nonwhite--	260	111	White-----	916	297
White-----	28	39	Prince George-----	328	83	Nonwhite--	660	280
Nonwhite--	6	6	White-----	185	38	Radford-----	665	119
Greenville-----	393	108	Nonwhite--	141	47	Richmond-----	8,886	3,039
White-----	67	31	Prince William-----	463	126	White-----	6,709	1,969
Nonwhite--	326	77	White-----	430	104	Nonwhite--	2,147	1,070
Halifax-----	1,123	334	Nonwhite--	33	22	Roanoke-----	3,787	951
White-----	541	171	Princess Anne-----	276	368	White-----	3,303	787
Nonwhite--	582	163	White-----	69	178	Nonwhite--	484	194
Hanover-----	228	141	Nonwhite--	207	190	South Norfolk-----	72	52
White-----	82	96	Pulaski-----	742	199	White-----	25	36
Nonwhite--	146	45	White-----	70	48	Nonwhite--	47	16
Henrico-----	178	219	Nonwhite--	59	38	Staunton-----	687	485
White-----	87	167	White-----	11	10	White-----	662	456
Nonwhite--	68	52	Nonwhite--	133	37	Nonwhite--	25	29
Henry-----	472	139	Richmond-----	58	21			
White-----	262	83	White-----	75	16			
Nonwhite--	210	56	Nonwhite--	121	407			
Highland-----	74	34	Roanoke-----	627	206			
Isle of Wight-----	226	124	White-----	565	174			
White-----	39	51	Nonwhite--	62	32			
Nonwhite--	187	73	Rockbridge-----	219	203			
			Rockingham-----					

⁷See footnote on p. 49.⁹Those 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.¹⁰Includes data for Bristol, Va., only.

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, 1947—Continued

(See headnote on p. 26)

AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths	AREA AND RACE	Births	Deaths
VIRGINIA⁷—Continued			WEST VIRGINIA—Con.			WISCONSIN -----		
Independent Cities ⁸ —Con.						83,321 35,220		
Suffolk	841	252	Brooke	53	152	White	82,366	32,816
White	453	120	Cabell	3,685	1,285	Nonwhite	955	404
Nonwhite	198	132	Huntington (part)	3,353	1,158	Adams	104	52
Williamsburg	234	261	Huntington (total)	3,355	1,278	Ashland	735	264
White	159	251	Balance of county	332	137	Ashland	700	210
Nonwhite	75	10	Calhoun	227	54	Balance of county	55	54
Winchester	1,223	329	Clay	171	96	White	27	50
			Doddridge	171	71	Nonwhite	8	4
			Fayette	2,375	607	Barron	1,015	364
WASHINGTON	59,429	22,000	White	2,096	476	Bayfield	57	80
White	57,790	21,404	Nonwhite	279	131	Brown	279	96
Nonwhite	1,639	596	Gilmer	154	57	Green Bay	3,128	783
Adams	119	49	Grant	270	59	Balance of county	57	203
Asotin	87	81	Greenbrier	1,014	304	Buffalo	179	110
Benton	566	103	Hampshire	205	111	Burnett	175	120
White	1,372	364	Hancock	212	153	Calumet	33	110
Nonwhite	1,195	194	Hardy	148	61	Chippewa	1,373	382
Balance of county	177	170	Harrison	2,420	780	Chippewa Falls	307	179
Clallam	647	249	Clarksburg	1,921	468	Balance of county	466	203
Clark	2,294	738	Balance of county	572	499	Clark	382	242
White	2,169	552	Jackson	274	123	Columbia	916	429
Nonwhite	126	204	Jefferson	280	234	Crawford	459	157
Columbia	127	53	White	234	192	Dane	4,395	1,759
Cowlitz	1,606	395	Nonwhite	46	42	Madison	4,044	1,157
White	1,560	264	Kanawha	7,411	1,763	Balance of county	351	602
Nonwhite	46	131	Charleston	5,160	1,051	Dodge	1,105	499
Douglas	4	40	White	4,965	927	Beaver Dam	900	196
Ferry	41	23	Nonwhite	197	124	Watertown (part)	1	22
White	40	16	South Charleston	927	131	Balance of county	204	281
Nonwhite	1	7	Balance of county	1,324	581	Door	489	195
Franklin	595	102	Lewis	537	438	Douglas	1,197	570
Garfield	12	16	Lincoln	511	113	Superior	1,185	468
Grant	255	101	Logan	2,416	557	Balance of county	12	102
Grays Harbor	1,412	600	White	182	83	Dunn	482	219
White	1,263	377	Nonwhite	2,932	712	Eau Claire	1,843	590
Nonwhite	1	69	McDowell	2,323	486	Eau Claire	1,830	498
Balance of county	148	154	White	609	226	Balance of county	13	92
Island	279	102	Nonwhite	1,846	640	Florence	4	24
Jefferson	220	99	Marion	338	228	Fond du Lac	1,940	778
King	18,915	6,869	Fairmont	1,508	412	Fond du Lac	1,607	574
White	16,281	5,554	Balance of county	1,508	412	Balance of county	333	204
Nonwhite	15,530	5,330	Marshall	685	314	Forest	254	84
Balance of county	751	224	Mountsville	7	72	Grant	1,043	390
Kitasop	2,634	1,315	Balance of county	676	242	Green	749	318
White	2,335	586	Mason	518	231	Green Lake	338	162
Nonwhite	2,285	355	Mercer	2,561	720	Iowa	581	253
Balance of county	50	201	White	2,357	616	Iron	18	49
White	586	190	Nonwhite	204	104	Jackson	358	145
Nonwhite	198	87	Bluefield ¹¹	1,329	389	Jefferson	1,065	484
Balance of county	1,076	459	White	1,206	317	Watertown (part)	729	200
Lincoln	90	79	Nonwhite	123	72	Watertown (total)	750	222
Mason	349	111	Balance of county	1,232	331	Balance of county	336	284
Okanogan	915	209	Mineral	659	233	Janesville	347	205
Pacific	282	140	Mingo	1,652	343	Kenosha	1,689	626
Pend Oreille	215	71	Monongalia	1,729	512	Kenosha	1,679	528
Pierce	6,480	2,747	Morgantown	1,729	512	Balance of county	10	98
White	5,414	1,766	Balance of county	899	289	Kewaunee	406	130
Nonwhite	1,066	981	Monroe	223	109	La Crosse	2,396	812
San Juan	18	24	Morgan	162	74	La Crosse	2,378	686
Skagit	1,072	652	Nicholas	806	153	Balance of county	18	126
White	1	32	Ohio	3,120	1,127	Lafayette	41	101
Nonwhite	2,362	1,058	Wheeling	3,110	1,047	Langlade	649	251
Balance of county	1,855	534	Balance of county	10	80	Lincoln	694	237
White	507	524	Pendleton	166	64	Manitowoc	1,549	580
Nonwhite	5,966	2,627	Fleasants	73	51	Manitowoc	1,150	324
Balance of county	5,811	2,067	Pocahontas	249	118	Two Rivers	377	151
Stevens	401	188	Preston	488	263	Balance of county	22	151
White	992	342	Putnam	303	125	Marathon	1,877	584
Nonwhite	964	249	Raleigh	2,834	700	Waupun	1,724	386
Balance of county	28	93	White	2,527	591	Balance of county	153	198
Wahkiakum	21	21	Nonwhite	307	109	Marinette	710	393
Walla Walla	1,232	434	Beckley	1,138	333	Marinette	652	223
White	1,229	382	White	1,043	277	Balance of county	58	170
Nonwhite	3	52	Nonwhite	95	56	Marquette	26	77
Whatcom	1,741	705	Balance of county	1,696	367	Milwaukee	20,699	8,590
White	1,630	428	Randolph	1,484	314	Milwaukee	19,615	5,885
Nonwhite	51	277	Ritchie	212	53	Waunatona	217	155
Whitman	634	228	Roane	937	278	West Allis	16	124
White	3,023	1,059	Summers	202	103	Cudahy	7	44
Nonwhite	2,678	493	Taylor	469	201	Shorewood	—	69
Balance of county	1,245	566	Tucker	525	189	South Milwaukee	363	91
WEST VIRGINIA	55,468	17,361	Tyler	482	214	Balance of county	481	2,022
White	52,847	15,974	Upshur	237	116	Monroe	741	311
Nonwhite	2,621	1,387	Wayne	217	84	Oconto	524	224
Barbour	555	177	Huntington (part)	684	171	Oncida	572	169
Berkeley	986	424	Balance of county	649	313	Outagamie	2,565	701
White	968	273	Webster	2	120	Appleton	2,037	406
Nonwhite	18	151	Balance of county	647	193	Balance of county	528	295
Boone	893	184	Wetzel	514	78	Ozaukee	521	187
White	893	184	Wirt	655	187	Popin	180	65
Nonwhite	—	—	Wood	48	32	Pierce	479	195
Braxton	613	144	Parkersburg	2,555	809	Polk	808	273
			Balance of county	2,262	622	Portage	873	309
			Wyoaming	93	187	Stevens Point	830	205
				954	160			

⁷See footnote on p. 49.

⁸See footnote on p. 50.

¹¹Includes data for Bluefield, W. V., 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, 1947—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	97	Crook-----	33	54
Balance of county-----	43	104	Washington-----	766	337	Freemont-----	468	158
Price-----	429	149	Waukesha-----	1,591	772	White-----	580	128
Racine-----	2,752	1,061	Balance of county-----	1,137	292	Nonwhite-----	109	30
Balance of county-----	2,335	727	Waupaca-----	254	480	Goshen-----	289	85
Richland-----	417	534	Balance of county-----	642	402	Hot Springs-----	174	60
Rock-----	726	167	Waushara-----	141	115	Johnson-----	94	48
Balance of county-----	2,302	905	Winneshago-----	2,088	932	Laramie-----	1,167	315
Beloit-----	1,152	343	Oshkosh-----	1,314	479	Cheyenne-----	1,055	244
Balance of county-----	872	297	Neenah-----	2	62	Balance of county-----	112	71
Janesville-----	278	265	Balance of county-----	756	160	Lincoln-----	298	85
Balance of county-----	523	140	Neenah-----	16	231	Madison-----	788	259
Rusk-----	374	247	Wood-----	1,958	470	Casper-----	787	235
St. Croix-----	924	336	Marshfield-----	1,113	227	Balance of county-----	1	24
Balance of county-----	179	95	Wisconsin Rapids-----	786	135	Niobrara-----	145	46
Sauk-----	81	74	Balance of county-----	59	110	Park-----	449	116
White-----	89	21	WYOMING-----	7,161	2,378	Platte-----	169	77
Nonwhite-----	717	361	White-----	6,902	2,300	Sheridan-----	554	233
Shawano-----	2,066	847	Nonwhite-----	179	78	Balance of county-----	5	53
Sheboygan-----	1,825	574	Albany-----	531	123	Sublette-----	3	17
Balance of county-----	241	273	Balance of county-----	530	99	Sweetwater-----	624	185
Taylor-----	409	154	Laramie-----	1	24	Teton-----	112	22
Balance of county-----	464	249	Balance of county-----	316	102	Uinta-----	81	103
Trempealeau-----	84	68	Big Horn-----	145	36	Washakie-----	164	50
Vernon-----	591	225	Campbell-----	344	129	Weston-----	78	21
Balance of county-----	94	68	Carbon-----	122	59	Yellowstone National Park (part)-----	12	15
Vilas-----	75	64	Converse-----			Yellowstone National Park (total)-----	12	15
White-----	9	4						
Nonwhite-----	769	456						
Walworth-----								

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

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TABLE 2.—LIVE BIRTHS BY MONTH: UNITED STATES AND EACH STATE, 1947

(By place of occurrence)

AREA	Total births	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
UNITED STATES---	3,699,940	340,460	301,932	325,740	292,375	303,461	301,913	318,540	319,681	310,145	308,540	289,366	288,987
Alabama-----	86,981	8,307	7,125	7,804	6,497	6,659	6,804	7,584	7,579	7,443	7,242	7,104	7,033
Arizona-----	19,492	1,872	1,673	1,648	1,486	1,454	1,448	1,620	1,784	1,631	1,634	1,620	1,652
Arkansas-----	49,152	4,917	4,155	4,372	3,559	3,610	3,994	4,350	4,480	4,311	4,114	3,854	3,416
California-----	245,482	21,807	19,319	21,129	19,679	20,445	19,921	21,481	21,480	21,134	20,404	19,235	19,478
Colorado-----	33,256	2,984	2,626	2,842	2,652	2,898	2,763	2,924	2,879	2,767	2,732	2,610	2,559
Connecticut-----	44,724	4,089	3,606	4,188	3,664	3,960	3,746	3,793	3,763	3,665	3,623	3,313	3,324
Delaware-----	7,887	715	613	731	617	664	649	663	663	610	663	633	648
District of Columbia-----	28,480	2,726	2,284	2,461	2,328	2,296	2,221	2,416	2,447	2,395	2,373	2,254	2,271
Florida-----	61,563	5,720	4,906	5,043	4,437	4,334	4,446	5,058	5,577	5,507	5,504	5,382	5,649
Georgia-----	95,532	8,932	7,863	8,213	7,250	7,603	7,612	8,060	8,399	8,265	8,032	7,619	7,684
Idaho-----	18,843	1,367	1,294	1,412	1,366	1,364	1,315	1,371	1,326	1,217	1,285	1,250	1,256
Illinois-----	152,510	17,590	15,505	17,004	14,864	15,865	16,147	16,993	16,635	16,027	15,983	15,089	14,998
Indiana-----	96,726	9,043	7,892	8,396	7,423	7,835	7,896	8,409	8,446	8,176	7,961	7,557	7,532
Iowa-----	65,007	6,054	5,348	5,758	5,106	5,370	5,148	5,835	5,727	5,332	5,489	5,127	4,913
Kansas-----	43,151	4,169	3,610	3,593	3,187	3,252	3,491	3,860	3,757	3,619	3,714	3,473	3,426
Kentucky-----	79,809	7,661	6,745	7,265	6,229	6,391	6,603	6,640	6,846	6,770	6,544	6,132	5,961
Louisiana-----	74,415	7,255	6,181	6,041	5,013	4,593	5,467	6,526	6,841	6,612	6,772	6,468	6,626
Maine-----	25,558	2,133	1,928	2,153	1,995	2,068	1,968	2,044	2,025	1,840	1,849	1,834	1,729
Maryland-----	94,917	5,032	4,631	4,908	4,446	4,887	4,553	4,425	4,594	4,654	4,571	4,220	4,276
Massachusetts-----	108,494	9,685	8,941	9,848	8,310	9,582	9,285	9,428	8,935	8,697	8,643	8,220	7,940
Michigan-----	160,866	14,181	12,803	14,411	13,176	13,936	13,672	13,807	13,657	13,056	13,329	12,266	12,372
Minnesota-----	75,478	6,679	6,103	6,675	6,161	6,421	6,371	6,580	6,469	6,303	6,247	5,807	5,662
Mississippi-----	66,721	6,528	5,625	5,868	4,830	4,705	5,139	5,831	5,931	5,806	5,602	5,287	5,373
Missouri-----	92,324	8,726	7,826	7,803	6,666	7,107	7,572	8,321	8,233	7,704	7,858	7,081	7,327
Montana-----	14,780	1,279	1,228	1,326	1,248	1,276	1,210	1,306	1,197	1,218	1,225	1,114	1,153
Nebraska-----	32,017	2,922	2,675	2,767	2,539	2,521	2,527	2,776	2,780	2,720	2,746	2,500	2,544
Nevada-----	4,190	402	324	383	358	369	333	344	335	333	349	316	324
New Hampshire-----	15,658	1,178	1,067	1,184	1,166	1,184	1,191	1,274	1,137	1,099	1,099	1,031	1,008
New Jersey-----	103,195	9,452	8,480	9,328	8,667	8,875	8,609	8,788	8,553	8,378	8,302	7,972	7,694
New Mexico-----	20,536	1,847	1,703	1,834	1,631	1,727	1,650	1,675	1,746	1,713	1,695	1,613	1,732
New York-----	324,248	29,393	26,459	29,573	27,571	28,551	27,196	27,268	26,716	26,026	26,091	24,638	24,775
North Carolina-----	113,690	10,579	9,246	9,941	9,202	9,441	9,195	9,326	9,913	9,658	9,584	8,857	8,942
North Dakota-----	17,544	1,469	1,300	1,506	1,360	1,495	1,462	1,605	1,495	1,431	1,509	1,375	1,347
Ohio-----	197,276	17,829	15,962	17,494	15,616	16,840	16,473	16,929	16,922	16,220	16,511	15,060	15,230
Oklahoma-----	52,971	5,171	4,528	4,526	3,697	3,809	4,143	4,697	4,738	4,616	4,501	4,325	4,220
Oregon-----	36,569	3,262	2,929	3,185	2,942	3,185	3,033	3,195	3,098	3,075	2,978	2,668	2,799
Pennsylvania-----	248,573	22,653	20,330	22,471	20,399	21,644	20,916	21,014	20,985	20,364	20,311	18,694	18,782
Rhode Island-----	18,501	1,807	1,466	1,724	1,587	1,539	1,499	1,602	1,509	1,558	1,435	1,361	1,415
South Carolina-----	59,203	5,619	5,028	5,066	4,630	4,750	4,663	4,940	5,200	5,125	5,089	4,418	4,155
South Dakota-----	16,277	1,405	1,258	1,396	1,246	1,391	1,294	1,504	1,415	1,342	1,420	1,308	1,298
Tennessee-----	88,921	8,582	7,311	7,853	6,834	7,121	7,153	7,823	7,598	7,378	7,310	7,038	6,920
Texas-----	197,254	18,544	15,988	15,905	13,450	13,436	14,636	17,073	18,387	17,998	18,029	16,974	16,854
Utah-----	21,972	1,874	1,803	1,920	1,802	1,919	1,838	1,985	1,866	1,808	1,786	1,654	1,614
Vermont-----	9,320	818	764	858	776	815	758	802	857	772	739	724	676
Virginia-----	82,141	7,413	6,797	7,521	6,576	6,879	6,698	6,954	7,106	6,823	6,786	6,352	6,236
Washington-----	59,429	5,272	4,854	5,375	5,010	5,127	4,931	5,235	5,158	4,775	4,827	4,253	4,632
West Virginia-----	55,468	5,365	4,530	5,027	4,492	4,772	4,534	4,726	4,677	4,613	4,499	4,170	4,063
Wisconsin-----	83,321	7,208	6,771	7,630	6,892	7,080	7,153	7,325	6,997	6,955	6,823	6,207	6,269
Wyoming-----	7,161	633	548	584	583	616	589	663	643	589	628	549	536

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Resident	Nonresident	Federal	State	County, city, or city-county	Non-profit	Proprietary
UNITED STATES—	5,699,940	5,156,980	375,407	176,197	1,445,370	763,799	681,571	80,446	582,565	25,282	64,474	161,005	277,627	134,613
ALABAMA—	86,981	46,679	21,392	10,733	26,034	19,216	7,816	699	8,915	489	1,453	1,436	1,890	2,344
Autauga—	476	152	53	288	173	145	28	8	19	-	-	-	-	27
Baldwin—	985	317	368	276	300	250	50	-	43	-	-	-	-	43
Berbour—	933	248	228	455	282	218	64	-	64	-	-	-	1	63
Bibb—	347	2	175	167	114	114	-	-	-	-	-	-	-	-
Blount—	672	165	468	15	165	165	-	-	-	-	-	-	-	-
Bullock—	461	-	46	414	161	161	-	-	-	-	-	-	-	-
Butler—	1,000	469	160	346	292	220	72	-	72	-	-	-	-	72
Calhoun—	2,280	1,330	769	181	507	352	155	-	154	4	-	148	2	-
Anniston—	1,574	1,290	187	97	320	169	151	-	150	-	-	148	2	-
Balance of county—	706	40	582	84	187	183	4	-	4	4	-	-	-	-
Chambers—	803	404	131	265	314	260	54	-	54	-	-	15	22	17
Cherokee—	347	84	190	70	106	98	8	-	-	-	-	-	-	-
Chilton—	680	297	277	104	191	177	14	-	13	-	-	-	13	-
Choctaw—	611	227	52	332	144	116	28	-	28	-	-	-	-	28
Clarke—	762	229	184	348	209	177	32	-	31	-	-	-	-	31
Clay—	310	-	262	47	113	113	-	-	-	-	-	-	-	-
Cleburne—	251	-	240	11	78	78	-	-	-	-	-	-	-	-
Coffee—	909	275	589	41	173	125	48	-	49	-	-	-	49	-
Colbert—	1,290	863	249	176	338	226	112	-	112	-	-	112	-	-
Conecuh—	639	97	169	367	193	182	11	-	11	-	-	-	-	11
Cook—	186	-	84	100	67	67	-	-	-	-	-	-	-	-
Covington—	1,182	654	382	145	310	191	119	-	119	-	-	-	-	119
Crenshaw—	361	10	240	111	148	140	8	-	8	-	-	-	-	8
Cullman—	1,523	1,182	299	35	291	209	72	-	72	-	-	72	-	-
Dale—	505	111	267	124	150	129	1	-	1	1	-	-	-	-
Dallas—	1,966	827	112	1,022	826	499	327	-	326	1	-	-	169	156
Seale—	1,114	827	99	187	511	187	324	-	323	-	-	-	168	155
Balance of county—	652	-	13	835	315	312	3	-	3	1	-	-	1	1
De Kalb—	1,160	475	651	30	250	15	235	-	235	-	-	-	-	-
Elmore—	637	301	81	254	229	197	32	2	30	-	2	-	-	30
Escambia—	1,143	613	280	249	288	246	42	1	34	-	1	-	-	34
Etowah—	2,853	1,735	998	117	711	466	245	12	231	-	1	-	230	12
Gadsden—	2,177	1,733	405	37	484	250	234	2	230	-	1	-	229	2
Balance of county—	676	2	593	80	227	216	11	10	1	-	-	-	1	10
Fayette—	719	301	350	68	154	123	31	-	31	-	-	-	-	31
Franklin—	891	503	357	20	175	139	36	-	31	-	-	-	-	31
Geneva—	639	186	360	92	147	141	6	-	6	-	-	-	-	6
Greene—	444	-	72	371	184	184	-	-	-	-	-	-	-	-
Hale—	700	66	66	565	222	220	2	-	2	-	-	-	-	2
Henry—	475	43	122	310	129	126	3	-	-	-	-	-	-	-
Houston—	1,639	1,051	287	296	466	296	170	-	169	-	-	-	-	169
Dothan—	1,222	1,048	94	79	319	151	168	-	168	-	-	-	-	168
Balance of county—	417	3	193	217	147	145	2	-	1	-	-	-	-	1
Jackson—	1,216	161	867	142	243	232	11	-	11	-	-	-	-	11
Jefferson—	15,242	12,057	3,119	50	5,143	2,939	2,204	52	2,064	-	927	130	458	601
Birmingham—	10,754	9,603	1,137	9	3,353	1,652	1,701	2	1,624	-	924	11	457	234
Bessemer—	951	677	271	2	294	194	100	-	87	-	-	-	-	87
Fairfield—	1,497	1,422	71	2	317	59	258	-	258	-	-	-	-	258
Balance of county—	2,040	355	1,640	57	1,179	1,034	145	50	95	-	3	119	1	22
Lamar—	533	-	289	40	89	89	-	-	-	-	-	-	-	-
Lauderdale—	1,552	1,128	281	141	442	296	146	-	141	-	-	140	1	-
Florence—	1,193	1,127	28	38	283	138	145	-	141	-	-	140	1	-
Balance of county—	359	1	253	103	159	159	1	-	-	-	-	-	-	-
Lawrence—	780	387	244	147	143	129	14	-	14	-	-	-	-	14
Lee—	1,034	531	118	384	283	249	34	-	34	-	6	28	-	34
Limestone—	1,161	687	332	172	262	229	33	-	33	-	-	-	-	33
Lowndes—	539	2	7	529	174	174	-	-	-	-	-	-	-	-
Macon—	896	505	63	318	541	171	370	21	349	278	-	-	-	92
Madison—	2,228	1,156	626	439	637	473	164	-	163	-	-	-	-	163
Rantaville—	1,363	1,148	122	93	321	158	163	-	162	-	-	-	-	162
Balance of county—	865	8	504	346	316	315	1	-	-	-	-	-	-	1
Marion—	771	48	97	624	323	312	11	-	9	-	-	-	-	9
Marion—	549	216	315	118	135	125	10	-	-	-	-	-	-	-
Marshall—	1,698	1,134	513	50	327	240	87	-	86	-	-	32	-	54
Mobile—	7,326	5,682	281	1,368	2,247	1,136	1,111	240	942	57	222	470	317	16
Mobile—	6,128	5,500	50	574	1,513	885	628	17	786	13	-	457	317	16
Balance of county—	1,198	182	231	784	734	451	283	223	56	44	222	13	-	-
Monroe—	702	1	271	428	183	183	-	-	-	-	-	-	-	-
Montgomery—	4,015	2,584	1,011	1,326	1,413	898	515	19	490	79	19	-	292	127
Montgomery—	3,050	2,183	38	825	1,121	680	441	9	422	3	9	-	292	127
Balance of county—	966	401	63	501	292	206	86	10	76	76	10	-	-	-
Morgan—	1,429	993	327	108	433	292	141	-	139	-	-	115	-	24
Decatur—	902	804	59	39	242	128	116	-	116	-	-	92	-	24
Balance of county—	527	189	266	69	191	166	25	-	23	-	-	23	-	-
Perry—	549	1	84	462	185	185	-	-	-	-	-	-	-	-
Pickens—	655	19	267	365	182	182	-	-	-	-	-	-	-	-
Pike—	1,039	547	173	319	317	241	76	-	76	-	-	-	-	76
Randolph—	667	328	166	150	200	170	30	-	30	-	-	-	-	30
Russell—	776	108	42	625	259	252	7	-	7	-	-	7	-	-
Phoenix City—	301	108	15	178	131	124	7	-	7	-	-	7	-	-
Balance of county—	475	1	27	447	128	128	-	-	-	-	-	-	-	-
St. Clair—	626	243	312	70	166	154	32	-	32	-	-	-	-	32
Shelby—	562	27	442	92	195	194	1	-	-	-	-	-	-	-
Sumter—	698	105	65	517	245	222	23	-	23	-	-	-	-	23
Talladega—	2,154	1,307	383	463	501	329	172	-	172	-	-	85	87	-
Tallapoosa—	1,228	859	254	115	272	200	72	-	71	-	-	-	-	71

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Type of institution		Type of control				
							Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary	
ALABAMA—Continued														
Tuscaloosa	2,260	1,578	270	411	1,016	448	568	344	224	69	275	-	224	-
Tuscaloosa	1,798	1,577	56	164	673	180	495	269	224	-	269	-	224	-
Balance of county	462	1	214	247	343	268	75	75	-	69	6	-	-	-
Walker	1,811	787	995	51	452	305	147	-	147	-	-	84	-	63
Washington	426	36	169	219	92	92	-	-	-	-	-	-	-	1
Wilcox	762	6	87	869	276	275	1	-	1	-	-	-	-	40
Winston	446	270	154	21	108	67	41	-	40	-	-	-	-	-
ARIZONA	19,492	17,265	1,163	568	6,514	2,936	3,578	228	3,241	743	177	756	1,514	479
Apache	654	452	94	2	315	75	240	-	229	217	-	-	-	3
Cochise	984	825	68	66	356	163	193	-	162	-	-	78	64	40
Cocconino	563	472	55	2	208	77	131	-	131	76	-	-	47	8
Gila	708	654	52	2	190	95	95	55	40	14	-	55	-	26
Graham	415	316	74	6	85	48	37	-	37	-	-	-	33	4
Greenlee	401	389	9	1	62	28	34	-	34	-	-	-	34	-
Maricopa	8,467	7,974	187	244	2,711	1,269	1,442	123	1,254	113	127	155	690	92
Phoenix	6,294	6,071	84	123	1,587	786	801	2	752	10	-	2	735	7
Balance of county	2,173	1,903	103	121	1,124	483	641	121	502	103	127	155	155	85
Mohave	257	240	6	1	74	30	44	-	42	-	-	-	-	-
Navajo	770	607	51	13	229	104	125	-	125	76	-	12	-	37
Pima	3,411	2,877	388	48	1,287	596	691	-	686	135	-	190	174	187
Tucson	471	2	368	43	520	492	28	-	25	-	-	-	22	3
Balance of county	2,940	2,875	20	5	767	104	663	-	661	135	-	190	152	184
Pinal	1,163	957	82	81	343	186	157	1	155	40	1	60	10	45
Santa Cruz	303	198	61	33	78	49	29	-	28	-	-	-	2	26
Yavapai	643	615	24	3	362	113	249	49	189	69	49	63	52	5
Yuma	793	709	12	63	214	103	111	-	109	3	-	101	5	-
ARKANSAS	49,132	28,235	13,098	7,531	14,945	9,899	5,046	736	4,112	268	1,119	610	1,842	989
Arkansas	638	370	133	130	119	113	6	-	1	-	-	-	-	1
Ashley	618	187	227	174	177	161	16	-	16	-	-	-	16	-
Baxter	317	195	115	3	81	61	20	-	14	-	-	-	-	14
Benton	883	708	167	5	321	241	80	2	77	-	-	31	32	16
Boone	620	515	95	10	105	82	23	-	13	-	-	-	-	13
Bradley	491	317	122	47	114	92	22	-	22	-	-	-	-	22
Calhoun	137	1	99	34	46	46	-	-	-	-	-	-	-	-
Carroll	292	174	109	9	157	135	2	-	2	-	-	-	-	2
Chicot	727	403	62	261	212	156	56	-	56	-	-	-	34	22
Clark	482	220	159	100	147	142	5	-	4	-	-	-	-	4
Clay	579	134	426	13	151	135	16	-	16	-	-	-	-	16
Cleburne	325	249	63	10	87	61	26	-	25	-	-	-	-	25
Cleveland	123	1	93	29	50	50	-	-	-	-	-	-	-	-
Columbia	670	411	129	121	163	113	50	-	50	-	-	40	-	10
Conway	558	350	133	76	184	124	60	-	60	-	-	-	60	-
Craighead	1,646	1,040	548	55	382	226	156	-	155	-	-	1	184	-
Jonesboro	1,083	1,020	20	43	239	84	155	-	155	-	-	1	154	-
Balance of county	563	20	528	12	143	142	1	-	-	-	-	-	-	-
Crawford	359	165	180	13	107	100	7	2	-	-	-	2	-	-
Crittenden	1,071	-	294	768	348	347	1	-	-	-	-	-	-	-
Cross	783	338	236	207	128	121	7	-	7	-	-	-	-	7
Dallas	290	77	166	48	79	79	-	-	-	-	-	-	-	-
Desha	556	161	86	303	123	114	9	-	8	-	-	-	-	8
Drum	510	307	60	141	133	103	30	-	30	-	-	-	-	30
Faulkner	658	498	103	56	161	104	57	-	57	-	-	-	54	3
Franklin	298	238	59	-	67	56	11	-	11	-	-	-	-	11
Fulton	167	17	149	-	40	39	1	-	1	-	-	-	-	1
Garland	1,327	1,143	113	69	672	323	349	1	341	81	-	1	238	22
Hot Springs	1,244	1,139	72	33	610	261	349	1	341	81	-	1	258	22
Balance of county	83	4	41	36	62	62	-	-	-	-	-	-	-	-
Grant	129	-	124	5	39	39	-	-	-	-	-	-	-	-
Greene	796	485	306	3	180	150	30	2	37	-	-	2	-	37
Hempstead	655	341	148	163	253	172	61	-	55	-	-	-	30	25
Hot Spring	451	306	107	37	117	91	26	-	26	-	-	26	-	-
Howard	391	202	140	47	95	71	24	-	23	-	-	-	-	23
Independence	863	730	114	13	203	122	81	-	81	-	-	-	-	81
Izard	129	-	127	2	58	58	-	-	-	-	-	-	-	-
Jackson	885	649	201	33	222	134	88	1	69	-	-	1	-	69
Jefferson	1,920	979	232	696	642	469	173	10	157	-	6	161	-	-
Pine Bluff	1,168	979	64	123	407	241	166	4	157	-	-	161	-	-
Balance of county	754	-	168	575	235	228	7	6	-	-	6	-	-	-
Johnson	374	304	58	11	105	86	19	-	19	-	-	19	-	-
Lafayette	238	-	106	132	81	81	-	-	-	-	-	-	-	-
Lawrence	536	296	231	7	114	100	14	1	12	-	-	1	-	12
Lee	537	-	169	364	145	145	-	-	-	-	-	-	-	-
Lincoln	254	34	51	167	104	96	8	2	-	-	2	-	-	-
Little River	306	103	89	111	74	65	9	-	-	-	-	-	-	-
Logan	520	409	108	2	266	110	156	-	156	-	130	-	-	26
Lonsdale	564	29	341	184	147	147	-	-	-	-	-	-	-	-
Madison	185	28	107	41	62	61	1	-	-	-	-	-	-	-
Marion	105	-	99	4	48	47	1	-	-	-	-	-	-	-
Miller	1,290	1,000	122	164	348	194	154	-	154	-	-	-	157	17
Perkins	1,079	1,000	27	52	282	128	154	-	154	-	-	-	137	17
Balance of county	211	-	95	112	66	66	-	-	-	-	-	-	-	-
Mississippi	2,610	1,139	1,085	378	476	389	87	-	79	-	-	27	-	52
Slythesville	792	616	105	71	175	104	71	-	71	-	-	27	-	44
Balance of county	1,818	523	980	307	301	285	16	-	8	-	-	-	-	8
Murree	358	26	161	163	125	125	-	-	-	-	-	-	-	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary	
ARKANSAS—Continued													
Montgomery	83	-	86	7	40	40	-	-	-	-	-	-	
Novada	330	141	113	72	124	107	17	-	17	-	-	17	
Newton	102	-	91	8	22	22	-	-	-	-	-	-	
Quachita	905	476	187	237	224	154	70	-	69	-	-	69	
Perry	101	-	101	-	20	20	-	-	-	-	-	-	
Phillips	1,286	377	177	699	429	351	78	1	77	1	-	77	
Pike	82	1	69	11	34	34	-	-	-	-	-	-	
Poinsett	992	150	609	33	158	152	6	-	4	-	-	4	
Folk	422	266	155	-	105	82	23	-	23	-	-	23	
Pope	652	444	183	24	142	103	39	-	39	-	-	39	
Prairie	176	-	138	37	64	64	-	-	-	-	-	-	
Pulaski	5,659	5,052	416	201	2,652	912	1,740	634	1,084	123	783	115	616
Little Rock	5,151	5,009	106	34	2,140	536	1,604	501	1,083	-	773	115	616
North Little Rock	85	1	50	34	172	170	2	-	-	-	-	-	
Balance of county	423	22	260	133	340	306	134	133	1	123	10	-	
Randolph	329	84	235	4	100	89	1	-	-	-	-	-	
St. Francis	899	292	205	390	243	186	57	-	42	-	-	42	
Saline	346	38	294	13	293	88	205	67	137	-	106	1	
Scott	167	106	57	2	45	20	25	-	-	-	-	-	
Searcy	272	204	30	33	49	43	6	-	6	-	-	6	
Sebastian	2,090	1,916	164	9	595	239	356	9	346	-	12	10	
Fort Smith	1,978	1,915	51	8	527	183	344	9	334	-	10	297	
Balance of county	115	1	113	1	66	56	12	-	12	-	12	-	
Sevier	429	326	83	19	104	62	42	-	42	-	-	42	
Sharp	92	-	86	4	29	29	-	-	-	-	-	-	
Stamps	90	1	77	10	41	41	-	-	-	-	-	-	
Union	1,149	811	108	221	284	208	76	-	66	-	-	65	
El Dorado	871	767	35	69	157	82	75	-	66	-	-	65	
Balance of county	278	44	73	152	127	126	1	-	-	-	-	-	
Van Buren	144	5	135	-	46	46	-	-	-	-	-	-	
Washington	1,407	1,288	84	21	449	215	234	1	227	63	-	93	
White	1,043	730	305	5	291	186	105	3	97	-	-	97	
Woodruff	408	122	220	62	90	89	1	-	-	-	-	-	
Yell	268	136	129	3	52	49	3	-	2	-	-	2	
CALIFORNIA													
	245,482	239,902	4,470	436	96,977	41,997	54,980	4,953	48,021	3,280	2,894	20,958	14,106
Alameda	22,273	22,067	194	1	7,258	3,135	4,101	221	5,733	646	1	1,334	1,323
Oakland	14,620	14,516	99	1	4,561	1,852	2,709	139	2,506	560	-	875	837
Alameda	1,324	1,309	15	-	370	223	147	13	131	-	-	131	13
Berkeley	4,018	3,995	23	-	866	469	397	1	360	-	1	3	202
Albany	814	811	3	-	75	49	26	-	26	-	-	-	26
San Leandro	9	9	-	-	97	90	7	-	7	-	-	-	7
Balance of county	1,468	1,436	46	-	1,267	452	815	66	708	86	-	456	53
Alpine	-	-	-	-	4	4	-	-	-	-	-	-	-
Amador	103	86	16	-	85	50	35	35	-	-	-	35	-
Butte	1,597	1,581	16	-	680	316	364	6	336	-	-	173	169
Calaveras	56	40	16	-	79	42	37	21	16	-	-	32	5
Colusa	229	221	8	-	117	45	74	-	74	-	-	73	1
Contra Costa	4,476	4,191	285	-	1,258	706	552	4	529	10	-	271	16
Richmond	2,192	2,000	180	-	362	218	144	-	127	-	-	18	236
Balance of county	2,284	2,191	85	-	896	468	408	4	402	10	-	271	16
Del Norte	172	167	3	-	85	32	53	1	52	-	-	53	125
El Dorado	232	210	22	-	129	75	54	14	40	-	-	14	40
Fresno	7,065	6,804	221	5	2,298	940	1,549	15	1,292	-	-	690	394
Fresno	4,862	4,840	19	1	1,493	406	1,087	9	1,056	-	-	661	348
Balance of county	2,193	1,964	202	4	795	534	261	6	236	-	-	29	56
Glenn	183	161	22	-	100	65	35	-	33	-	-	32	167
Humboldt	1,452	1,443	7	1	665	265	400	34	366	2	-	141	215
Eureka	876	876	-	-	405	90	315	31	284	-	-	143	42
Balance of county	578	567	7	1	280	176	88	3	82	2	-	141	31
Imperial	1,903	1,496	291	56	459	277	182	-	181	9	-	98	72
Imperial	661	471	147	35	85	57	28	-	26	-	-	26	28
El Centro	500	460	32	4	79	45	34	-	34	-	-	34	34
Balance of county	742	565	112	17	295	175	120	-	119	9	-	99	12
Inyo	229	225	2	1	85	43	42	7	30	-	-	25	12
Kern	6,439	6,220	194	-	1,556	627	929	-	913	18	-	597	87
Bakersfield	2,332	2,324	7	-	310	115	195	-	194	-	-	87	221
Balance of county	4,107	3,896	187	-	1,246	512	734	-	719	18	-	86	108
Kings	1,414	1,330	73	2	350	137	213	-	213	-	-	147	31
Lake	233	230	2	-	152	96	56	-	54	-	-	29	25
Lassen	534	526	8	-	119	49	70	18	52	11	-	18	25
Los Angeles	90,260	88,474	1,209	301	39,519	17,518	21,001	1,235	18,664	1,597	350	7,170	5,156
Long Beach	8,365	8,344	16	-	2,202	978	1,227	-	1,197	-	-	3	908
Los Angeles	39,051	38,039	703	199	21,378	9,374	12,004	224	11,370	300	1	6,255	1,961
Alhambra	1,252	1,249	1	1	347	274	73	2	69	-	-	3	2
Belvedere (twp.) ⁵	308	184	44	71	126	102	24	-	24	-	-	24	66
Beverly Hills	3	2	1	-	182	180	2	-	2	-	-	2	2
Burbank	2,492	2,476	14	2	444	225	219	-	216	-	-	208	10
Glendale	4,868	4,859	6	-	1,300	479	722	3	671	-	-	1	505
Huntington Park	777	776	1	-	149	105	44	-	40	-	-	1	39
Inglewood	2,052	2,046	5	-	471	184	287	-	277	-	-	1	277
Pasadena	3,561	3,541	19	-	1,457	731	726	8	636	81	-	491	72
Santa Monica	4,180	4,140	11	-	909	459	450	6	425	-	-	391	49
South Gate	1,029	1,023	5	-	181	135	46	-	46	-	-	46	46
Bell	543	542	1	-	82	41	41	-	41	-	-	41	41
Compton	1,086	1,081	5	-	203	111	92	7	74	-	-	74	81
Lynwood	2,209	2,206	2	-	252	61	191	-	191	1	-	172	18
Maywood	1,229	1,227	1	-	181	74	107	-	107	-	-	107	107

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary
CALIFORNIA—Continued														
Los Angeles—Continued														
Monrovia	288	271	15	-	183	125	58	-	55	-	-	7	48	
Pomona	1,258	1,253	4	-	369	190	179	12	165	-	-	139	38	
Redondo Beach	12	-	8	-	106	96	10	8	-	-	-	-	8	
San Gabriel	424	417	6	1	120	71	49	14	32	-	-	-	46	
South Pasadena	3	-	3	-	132	102	30	19	11	-	-	-	30	
Whittier	1,411	1,409	2	-	250	95	155	1	154	-	-	108	47	
Balance of county	13,883	13,391	334	37	7,598	3,330	4,268	929	3,061	1,215	349	796	392	1,248
Modern	1,004	1,000	3	-	345	155	192	-	191	-	-	104	87	
Marin	1,727	1,715	12	-	585	319	266	71	119	8	35	29	9	110
Mariposa	55	33	2	-	50	37	13	-	13	-	-	-	-	13
Merced	749	730	14	2	518	195	323	134	180	-	133	41	1	147
Merced	1,975	1,950	14	1	497	191	298	-	296	-	-	167	-	129
Merced	1,315	1,310	1	1	256	36	220	-	220	-	-	165	-	55
Balance of county	860	840	15	-	231	155	76	-	76	-	-	2	-	74
Modoc	266	204	3	-	91	47	44	-	44	-	-	44	-	-
Mono	14	13	1	-	20	15	5	-	5	-	-	5	-	-
Monterey	2,936	2,835	90	1	829	402	427	9	409	9	-	174	44	191
Monterey	447	446	1	-	105	46	59	-	53	-	-	1	-	52
Salinas	1,130	1,126	4	-	150	52	98	-	98	-	-	-	-	98
Balance of county	1,359	1,263	85	1	574	304	270	9	259	9	-	173	44	41
Napa	455	410	45	-	839	151	688	513	160	-	497	26	131	29
Nevada	319	308	11	-	237	94	143	-	143	-	-	80	20	83
Orange	4,539	4,377	155	1	1,890	1,009	881	5	861	1	-	292	348	225
Santa Ana	1,099	1,077	21	1	375	239	136	4	121	-	-	-	117	8
Anaheim	117	107	10	-	99	70	29	-	29	-	-	-	-	29
Fullerton	1,046	1,041	5	-	186	48	108	1	105	-	-	-	69	37
Balance of county	2,277	2,152	119	-	1,280	652	608	1	606	1	-	292	162	151
Placer	430	398	28	4	513	197	316	38	276	-	36	239	-	39
Placer	295	293	1	-	142	74	68	-	68	-	-	-	-	25
Riverside	3,812	3,611	185	2	1,519	698	821	17	769	86	-	373	209	118
Riverside	2,101	2,086	15	2	730	221	505	17	492	1	-	285	209	4
Balance of county	1,711	1,525	170	-	789	477	312	-	277	85	-	78	-	114
Sacramento	7,111	7,018	75	-	2,488	1,019	1,465	9	1,404	6	8	799	494	116
Sacramento	7,111	7,018	75	-	2,488	1,019	1,465	9	1,404	6	8	799	494	116
Balance of county	6,660	6,553	18	-	2,079	676	1,403	1	1,384	1	-	799	494	82
San Benito	339	311	21	2	409	343	66	8	40	6	8	15	-	34
San Bernardino	6,634	6,341	276	2	2,898	1,138	1,759	459	1,282	-	448	516	592	165
San Bernardino	3,156	3,051	82	-	1,073	284	789	2	770	-	-	515	254	3
Ontario	5	5	4	-	111	88	23	10	7	-	-	1	-	16
Redlands	560	519	40	-	205	104	101	-	100	-	-	-	-	100
Balance of county	2,933	2,771	150	2	1,509	663	845	447	385	-	448	-	339	46
San Diego	14,009	13,832	136	6	4,283	1,793	2,440	83	2,249	320	-	835	683	494
San Diego	9,947	9,838	84	-	2,946	1,146	1,800	1	1,737	283	-	726	496	233
National City	943	935	6	-	241	58	183	-	185	-	-	-	144	22
Balance of county	3,119	3,059	46	6	1,046	589	457	82	348	37	-	109	43	239
San Francisco, coextensive with San Francisco (city)	19,627	19,496	87	15	9,582	3,555	6,027	558	5,334	393	211	2,301	2,716	211
San Joaquin	5,164	5,071	72	8	2,334	775	1,559	414	1,138	409	691	185	185	267
Stockton	2,864	2,842	2	8	614	285	329	5	318	-	-	16	-	122
Lodi	752	750	2	-	181	85	106	-	106	-	-	-	-	106
Balance of county	1,548	1,479	60	-	1,529	405	1,124	408	714	-	409	675	-	39
San Luis Obispo	1,106	1,090	24	-	462	204	258	9	222	-	-	146	-	85
San Mateo	2,336	2,324	6	2	1,243	530	653	99	540	57	-	217	221	144
Burlingame	-	-	-	-	73	72	1	-	-	-	-	-	-	-
Redwood City	3	-	2	1	67	65	2	1	-	-	-	-	-	1
San Mateo	2,157	2,154	4	-	498	114	385	-	394	-	-	165	219	-
Balance of county	176	170	4	1	604	338	265	98	156	57	-	52	2	143
Santa Barbara	2,391	2,352	35	1	927	383	544	-	525	2	-	177	176	170
Santa Barbara	1,438	1,404	12	1	462	187	275	-	257	-	-	-	87	170
Balance of county	973	948	23	-	465	196	269	-	269	2	-	177	89	-
Santa Clara	7,728	7,657	49	8	2,916	1,038	1,878	497	1,237	1	419	693	504	116
San Jose	2,756	2,733	19	3	786	385	401	-	284	-	-	-	-	7
Palo Alto	2,239	2,238	1	-	355	108	245	-	246	-	-	246	-	-
Balance of county	2,733	2,686	29	5	1,775	547	1,228	497	707	1	419	447	228	109
Santa Cruz	1,527	1,513	10	1	903	456	457	27	420	1	-	186	47	213
Santa Cruz	813	812	1	-	336	170	166	11	152	-	-	-	-	116
Balance of county	714	701	9	1	567	286	301	16	269	1	-	166	-	97
Shasta	709	677	32	-	298	128	170	4	166	-	-	63	56	52
Sierra	1	-	-	-	19	18	1	-	-	-	-	1	-	-
Siskiyou	685	638	42	1	275	135	140	-	139	-	-	109	2	28
Solano	3,015	2,941	70	-	754	312	442	-	440	100	-	231	-	109
Vallejo	1,959	1,849	10	-	296	90	206	-	204	100	-	1	-	103
Balance of county	1,156	1,092	60	-	458	222	236	-	236	-	-	230	-	6
Sonoma	2,069	2,078	11	-	1,093	443	650	117	521	-	110	251	26	211
Santa Rosa	536	533	3	-	196	67	109	6	92	-	-	2	-	96
Balance of county	1,593	1,545	8	-	897	356	541	111	429	-	110	239	26	115
Stanislaus	3,577	3,516	59	1	1,012	447	565	-	553	-	2	296	103	157
Modesto	2,294	2,291	3	-	500	95	405	-	405	-	-	294	23	88
Balance of county	1,283	1,225	56	1	512	352	160	5	149	-	2	2	80	69
Sutter	386	383	3	-	180	81	99	-	95	-	-	-	-	35
Tehama	519	517	1	1	237	108	129	-	129	-	-	49	79	1
Trinity	43	40	3	-	46	24	22	-	22	-	-	22	-	-
Tulare	3,945	3,732	184	6	1,104	570	534	17	505	-	-	289	42	191
Tuolumne	294	291	1	-	158	72	86	-	86	-	-	36	-	50
Ventura	2,736	2,570	156	2	987	375	612	245	366	1	245	230	122	13
San Buenaventura	716	713	3	-	126	70	56	-	56	-	-	-	-	11
Balance of county	2,020	1,857	153	2	861	305	556	245	319	1	245	230	68	104
Yolo	791	766	18	-	420	205	215	2	213	-	-	111	-	-
Yuba	834	819	9	2	261	93	168	-	166	2	-	66	-	78

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non- profit	Propri- etary		
COLORADO-----	33,236	30,102	2,870	167	12,627	5,608	7,219	692	6,292	304	775	1,632	3,447	825
Adams-----	789	714	64	6	300	104	186	-	196	191	-	-	-	5
Alamosa-----	584	575	4	3	104	33	71	-	71	-	-	-	71	-
Archuleta-----	27	1	22	3	270	167	103	6	97	71	-	1	24	7
Aspen-----	48	-	48	-	19	18	1	-	-	-	-	-	-	-
Baca-----	97	2	95	-	37	36	1	-	-	-	-	-	-	-
Bent-----	186	132	3	-	61	30	51	19	32	25	-	25	1	-
Boulder-----	1,190	1,100	78	-	452	177	275	-	274	-	-	53	124	97
Boulder-----	438	437	1	-	174	72	102	-	102	-	-	2	81	19
Balance of county-----	742	663	77	-	278	105	173	-	172	-	-	51	43	78
Chaffee-----	177	169	6	3	123	43	80	3	71	-	-	-	-	3
Cheyenne-----	30	22	8	-	19	17	2	-	-	-	-	-	-	-
Clear Creek-----	8	-	8	-	32	32	-	-	-	-	-	-	-	-
Conejos-----	26	-	20	-	36	36	-	-	-	-	-	-	-	-
Costilla-----	115	1	81	28	19	18	1	-	-	-	-	-	-	-
Crowley-----	60	-	59	-	39	39	-	-	-	-	-	-	-	-
Custer-----	4	-	4	-	10	10	-	-	-	-	-	-	-	-
Delta-----	417	289	125	1	144	114	30	2	23	-	-	-	18	7
Denver, coextensive with Denver (city)-----	15,806	15,384	361	33	4,007	1,711	3,096	52	2,962	2	334	874	1,590	214
Dolores-----	2	1	1	-	6	-	-	-	-	-	-	-	-	-
Douglas-----	4	-	4	-	23	23	-	-	-	-	-	-	-	-
Earl-----	56	54	2	-	28	19	9	-	9	-	-	-	-	9
Elbert-----	13	12	1	-	18	18	-	-	-	-	-	-	-	-
El Paso-----	1,923	1,869	51	2	829	337	492	118	371	12	3	120	307	47
Colorado Springs-----	1,825	1,825	37	-	639	292	347	7	337	-	2	110	227	5
Balance of county-----	60	44	14	2	190	45	145	111	34	12	1	10	80	42
Fremont-----	383	365	17	1	245	99	146	10	133	-	10	-	82	51
Garfield-----	300	289	42	-	114	45	69	-	60	-	-	31	-	29
Gilpin-----	2	-	2	-	7	7	-	-	-	-	-	-	-	-
Grand-----	47	16	31	-	31	28	3	-	-	-	-	-	-	-
Gunnison-----	110	93	17	-	45	26	17	-	17	-	-	1	-	16
Hinsdale-----	-	-	-	-	3	3	-	-	-	-	-	-	-	-
Huerfano-----	262	103	137	27	117	91	26	-	26	-	-	-	-	26
Jackson-----	6	2	3	-	10	10	-	-	-	-	-	-	-	-
Jefferson-----	35	6	29	-	278	190	88	15	44	7	-	-	34	17
Kiowa-----	57	57	-	-	19	4	15	-	14	-	-	14	-	-
Kit Carson-----	236	218	18	-	98	29	29	-	28	-	-	20	-	8
Lake-----	189	189	-	-	82	36	44	-	44	-	-	-	42	2
La Plata-----	630	578	50	1	166	62	104	-	104	3	-	36	65	-
Larimer-----	928	928	51	1	340	180	160	1	144	-	-	143	-	2
Fort Collins-----	13	1	10	-	81	73	8	1	1	-	-	1	-	1
Balance of county-----	969	925	41	1	259	107	152	-	143	-	-	142	-	1
Las Animas-----	692	497	193	-	278	164	114	-	112	-	-	1	111	-
Trinidad-----	129	1	128	-	98	97	1	-	1	-	-	-	-	-
Balance of county-----	563	496	65	-	180	67	113	-	111	-	-	-	111	-
Lincoln-----	60	41	19	-	28	28	-	-	-	-	-	-	-	-
Logan-----	524	509	14	-	177	92	85	-	95	-	-	-	36	59
Mesa-----	1,037	951	79	-	367	173	194	23	123	-	16	1	102	27
Grand Junction-----	859	827	28	-	227	73	154	7	103	-	2	1	102	5
Balance of county-----	178	124	51	-	140	100	40	16	20	-	14	-	-	22
Mineral-----	-	-	-	-	3	3	-	-	-	-	-	-	-	-
Moffat-----	69	47	22	-	19	14	5	-	5	-	-	-	-	5
Montezuma-----	192	170	19	1	75	49	26	-	26	-	-	26	-	-
Montrose-----	318	296	21	-	143	71	72	4	67	-	-	-	-	71
Morgan-----	486	439	46	1	153	75	78	7	71	-	-	-	52	26
Otero-----	966	845	101	10	303	149	154	-	154	-	-	-	132	22
Ourray-----	39	38	1	-	25	11	14	-	8	-	-	-	6	2
Park-----	20	15	5	-	23	19	4	-	4	-	-	-	-	4
Phillips-----	114	101	13	-	41	28	13	-	12	-	-	-	-	12
Pitkin-----	11	9	2	-	25	18	7	-	6	-	-	6	-	-
Prowers-----	595	571	24	-	132	76	56	-	54	-	-	-	54	-
Pueblo-----	2,316	1,991	292	34	1,120	312	608	414	393	-	405	10	383	9
Pueblo-----	1,310	1,061	232	11	738	265	473	245	227	-	245	1	225	1
Balance of county-----	1,006	920	60	23	382	47	335	189	166	-	160	9	158	8
Rio Blanco-----	48	29	19	-	24	22	2	-	-	-	-	-	-	-
Rio Grande-----	535	435	98	-	165	65	100	-	96	-	-	39	57	-
Roubt-----	340	320	20	-	91	51	40	-	40	-	-	-	22	18
Saguache-----	21	-	14	5	22	21	1	1	-	-	-	-	-	1
San Juan-----	42	38	4	-	21	9	12	-	12	-	-	-	12	-
San Miguel-----	43	34	9	-	13	10	3	-	3	-	-	-	3	-
Sedgwick-----	162	153	9	-	35	19	16	-	16	-	-	-	11	5
Summit-----	3	2	1	-	10	8	2	2	-	-	-	2	-	-
Teller-----	47	45	2	-	24	13	11	1	10	-	-	1	10	-
Washington-----	106	105	1	-	36	19	17	-	17	-	-	17	-	-
Weld-----	1,481	1,097	370	6	475	248	227	14	211	-	-	211	2	12
Greeley-----	1,145	1,097	46	2	314	87	227	14	211	-	-	211	2	12
Balance of county-----	336	-	324	4	161	161	-	-	-	-	-	-	-	-
Yuma-----	205	198	7	-	90	51	39	-	37	-	-	-	25	12
CONNECTICUT-----	44,724	44,407	314	1	18,978	8,806	10,172	1,349	8,509	181	1,090	444	6,264	1,977
Fairfield-----	10,932	10,879	53	-	4,688	2,128	2,560	395	2,114	-	298	151	1,937	122
Bridgeport-----	5,760	5,739	21	-	1,747	699	1,048	117	931	-	-	130	917	-
Norwalk-----	1,448	1,439	9	-	515	212	303	3	290	-	-	1	272	20
Stamford-----	1,935	1,931	4	-	707	297	410	-	400	-	-	-	331	89
Danbury-----	1,128	-	-	-	438	149	290	7	282	-	-	-	287	2
Shelton-----	5	2	3	-	94	54	40	3	34	-	34	-	3	-
Straford (town)-----	2	-	2	-	132	123	9	-	5	-	-	-	-	5
Balance of county-----	654	640	14	-	1,055	595	460	265	172	-	264	20	127	26

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary		
CONNECTICUT—Continued														
Hartford	12,775	12,728	47	-	4,631	2,080	2,541	70	2,562	181	92	246	1,557	374
Hartford	8,782	8,778	4	-	2,192	705	1,487	18	1,449	1	-	245	1,192	29
Bristol	994	994	-	-	269	106	163	-	155	-	-	-	-	185
New Britain	2,111	2,109	2	-	618	282	336	6	319	-	-	3	315	7
West Hartford (town)	66	66	-	-	214	148	66	10	34	-	-	-	10	34
East Hartford (town)	8	1	7	-	136	124	12	-	10	-	-	-	-	10
Balance of county	814	790	34	-	1,202	725	477	36	415	180	92	-	40	139
Litchfield	1,711	1,700	11	-	914	548	366	15	337	-	1	1	256	94
Torrington	835	832	3	-	258	100	158	-	157	-	1	-	149	7
Balance of county	876	868	8	-	656	440	208	15	180	-	-	1	107	87
Middlesex	1,295	1,290	5	-	894	326	568	282	279	-	277	-	4	280
Middletown	1,292	1,290	2	-	655	105	550	277	272	-	277	-	4	288
Balance of county	3	-	3	-	239	82	18	5	7	-	-	-	-	12
New Haven	12,894	12,796	97	1	5,285	2,463	2,822	229	2,518	-	43	37	2,137	529
New Haven	6,324	6,288	35	1	2,204	762	1,442	109	1,300	-	-	32	1,284	92
Meriden	1,348	1,347	1	-	460	193	267	1	262	-	36	-	235	12
Waterbury	3,676	3,661	15	-	1,196	418	778	60	710	-	-	4	395	371
West Haven (town)	12	1	11	-	168	167	21	3	17	-	-	-	3	17
Ansonia	4	-	4	-	108	106	2	-	-	-	-	-	-	-
Derby	1,055	1,055	-	-	171	47	124	1	123	-	-	-	123	1
Newtown	-	-	-	-	88	85	3	1	2	-	-	1	-	2
Wallingford	2	1	1	-	111	66	45	42	2	-	-	-	44	-
Balance of county	473	445	30	-	739	619	120	12	82	-	7	-	53	34
New London	3,314	3,284	29	-	1,625	712	913	519	543	-	363	6	284	209
New London	1,931	1,928	2	-	418	135	283	4	277	-	-	3	267	11
Norwich	1,512	1,506	6	-	471	205	266	9	256	-	62	3	5	195
Balance of county	71	80	21	-	736	372	364	306	10	-	301	-	12	3
Tolland	488	488	3	-	305	161	144	14	127	-	14	-	-	127
Windham	1,334	1,264	69	-	636	378	258	25	209	-	2	1	89	142
Willimantic	570	567	3	-	194	90	104	2	89	-	-	1	89	1
Balance of county	764	697	66	-	442	288	154	23	120	-	2	-	-	141
DELAWARE	7,987	7,115	347	388	3,371	1,778	1,593	285	1,274	30	313	5	878	333
Kent	715	498	93	115	501	289	213	139	74	-	136	1	1	75
New Castle	5,645	5,507	65	62	2,242	1,084	1,358	137	998	50	168	4	877	46
Wilmington	5,554	5,496	28	29	1,598	663	935	30	893	-	-	1	871	41
Balance of county	31	11	37	35	644	421	223	107	105	30	168	3	6	5
Sussex	1,527	1,110	169	211	628	406	222	9	212	-	9	-	-	212
DISTRICT OF COLUMBIA	28,480	27,605	672	-	8,467	3,182	5,285	682	4,578	1,318	...	1,402	1,575	967
FLORIDA														
Alachua	1,475	1,020	162	289	491	314	177	22	149	-	20	149	3	-
Gainesville	1,133	1,017	28	88	268	107	161	8	148	-	6	147	5	-
Balance of county	342	3	134	201	223	207	16	14	1	-	14	1	-	-
Baker	133	10	31	92	39	39	-	-	-	-	-	-	-	-
Bay	1,174	971	70	133	263	195	68	3	64	4	-	1	20	42
Panama City	919	765	55	99	179	120	59	5	59	-	-	1	17	41
Balance of county	265	206	15	34	84	75	9	-	5	4	-	-	3	1
Brevard	370	227	23	113	108	68	41	-	-	-	-	-	-	-
Brevard	515	330	40	144	240	177	63	6	52	2	-	29	27	45
Broward	1,622	1,094	185	344	684	361	303	2	298	-	-	185	71	45
Fort Lauderdale	1,080	931	75	74	440	185	255	-	253	-	-	183	70	45
Balance of county	542	163	108	270	224	178	46	2	46	-	-	2	1	45
Calhoun	188	4	149	33	51	47	4	-	4	-	-	-	-	4
Charlotte	34	13	13	8	55	53	2	-	-	-	-	-	-	-
Citrus	71	-	23	48	46	46	-	-	-	-	-	-	-	-
Clay	89	1	27	71	93	67	26	24	2	-	-	-	21	5
Collier	26	1	3	21	33	33	-	-	-	-	-	-	-	-
Columbia	784	568	69	137	512	107	205	-	205	111	-	94	-	-
Dade	8,498	7,763	196	534	4,029	1,872	2,157	2	1,882	131	-	1,254	233	286
Miami	5,989	5,473	128	354	2,458	1,116	1,342	1	1,214	-	-	947	29	239
Miami Beach	723	722	-	1	562	247	315	-	264	63	-	2	198	1
Balance of county	1,806	1,568	68	159	1,009	509	500	1	404	68	-	306	6	26
De Soto	287	284	3	-	98	45	51	-	50	-	-	-	-	50
Dixie	90	-	74	16	30	30	-	-	-	-	-	-	-	-
Duval	8,259	7,514	220	465	2,614	1,574	1,240	12	1,189	29	-	432	644	96
Jacksonville	7,232	6,700	138	354	2,254	1,097	1,157	11	1,127	-	-	431	617	90
Balance of county	1,027	814	82	129	360	277	85	1	62	29	-	1	27	6
Escambia	3,585	3,049	306	224	907	498	409	3	391	44	-	5	281	64
Pensacola	2,393	2,111	162	108	581	283	298	1	282	-	-	3	280	-
Balance of county	1,202	938	144	116	326	215	111	2	109	44	-	-	1	64
Flagler	42	5	1	36	17	17	-	-	-	-	-	-	-	-
Franklin	81	1	27	53	31	31	-	-	-	-	-	-	-	-
Gadsden	892	292	117	492	698	229	469	432	37	-	432	-	36	-
Gilchrist	33	-	31	2	29	29	-	-	-	-	-	-	-	-
Glades	29	-	19	5	14	14	-	-	-	-	-	-	-	-
Gulf	284	230	12	42	67	34	33	-	32	-	-	32	-	-
Hamilton	210	-	137	73	59	59	-	-	-	-	-	-	-	-
Hardee	164	113	51	-	88	64	24	1	23	-	-	1	-	23
Hendry	150	121	6	23	49	31	18	-	11	-	-	-	-	11
Hernando	226	170	46	10	67	41	26	-	26	-	-	26	-	-
Highlands	386	337	11	37	123	71	52	-	52	-	-	-	-	52
Hillsborough	6,036	5,468	145	419	2,484	1,119	1,365	9	1,315	10	136	809	46	323
Tampa	4,352	3,985	32	334	1,675	708	967	9	953	-	-	641	3	298
Balance of county	1,684	1,483	113	85	809	411	398	-	382	10	136	168	43	25
Holmes	422	228	154	40	98	95	3	-	3	-	-	-	-	3

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
FLORIDA—Continued													
Indian River	293	223	41	29	99	63	35	-	33	-	-	33	
Jackson	1,015	554	308	353	342	206	136	-	127	-	39	88	
Jefferson	290	39	73	186	107	107	-	-	-	-	-	-	
Lafayette	85	-	80	4	18	18	-	-	-	-	-	-	
Lake	377	676	56	159	379	222	156	-	131	-	-	131	
Lee	571	474	15	83	244	139	105	6	96	-	6	96	
Fort Myers	551	474	7	70	202	97	105	6	96	-	-	96	
Balance of county	20	-	7	13	42	42	-	-	-	-	-	-	
Leon	1,119	695	98	325	318	191	127	-	96	-	49	38	
Tallahassee	238	64	34	140	117	92	25	-	18	-	-	10	
Balance of county	881	631	64	185	201	99	102	-	78	-	49	28	
Levy	159	1	75	83	82	82	-	-	-	-	-	-	
Liberty	25	-	9	16	23	23	-	-	-	-	-	-	
Madison	450	174	32	244	140	114	26	-	26	-	2	24	
Manatee	683	512	19	137	328	193	135	5	122	-	71	56	
Marion	980	578	83	319	405	252	153	-	139	-	-	-	
Martin	137	110	8	19	76	47	29	-	27	-	-	27	
Morocco	680	546	28	104	191	111	80	1	78	20	54	5	
Key West	878	548	27	103	183	103	80	1	78	20	54	5	
Balance of county	2	-	1	1	8	8	-	-	-	-	-	2	
Nassau	318	183	29	106	100	60	20	2	18	-	18	9	
Okaloosa	723	574	108	39	145	113	32	-	32	23	-	-	
Okeechobee	29	-	5	24	18	18	-	-	-	-	-	-	
Orange	2,484	1,898	332	253	1,111	495	616	30	578	5	63	332	
Orlando	2,100	1,784	205	111	819	291	528	14	508	5	5	11	
Balance of county	384	114	127	142	292	204	88	16	70	5	58	15	
Osceola	256	203	16	25	198	132	66	-	45	-	-	45	
Palm Beach	2,521	2,047	109	364	1,106	611	495	23	468	51	52	376	
West Palm Beach	1,598	1,493	6	97	664	261	405	18	333	-	19	376	
Balance of county	923	554	101	267	442	350	92	5	83	46	33	1	
Pasco	319	195	95	27	195	155	40	-	31	-	30	9	
Pinellas	2,445	2,162	77	196	2,190	996	1,194	25	1,081	233	359	439	
St. Petersburg	1,729	1,566	15	147	1,429	723	706	5	684	-	346	125	
Clearwater	486	448	5	33	205	74	131	-	127	-	13	51	
Balance of county	230	148	57	16	556	199	357	20	300	233	307	109	
Polk	2,718	1,762	599	338	1,006	531	475	40	410	-	174	2	
Lakeland	925	820	10	92	364	169	205	2	180	-	307	109	
Balance of county	1,792	942	598	246	642	372	270	38	230	-	133	107	
Putnam	579	318	134	127	225	165	60	3	50	-	3	-	
St. Johns	670	567	7	96	281	143	138	-	124	-	-	124	
St. Augustine	585	567	4	15	244	106	138	-	124	-	-	124	
Balance of county	84	-	3	61	37	37	-	-	-	-	-	-	
St. Lucie	571	413	8	150	169	96	73	1	71	-	1	71	
Santa Rosa	315	5	267	42	110	109	1	-	1	1	-	5	
Sarasota	463	434	12	17	271	137	134	-	129	1	-	129	
Balance of county	446	426	5	15	229	96	133	-	128	1	124	3	
Seminole	827	401	27	199	247	143	104	9	93	-	9	93	
Sanford	222	120	2	99	89	60	28	-	28	-	-	-	
Balance of county	405	281	25	99	159	63	76	9	65	-	9	65	
Sumter	160	36	44	78	78	70	8	-	-	-	-	-	
Suwannee	346	2	209	135	137	135	2	-	-	-	-	-	
Taylor	250	-	162	68	82	82	-	-	-	-	-	-	
Union	69	5	26	37	67	36	31	-	31	-	-	-	
Volusia	1,418	1,132	63	223	856	501	355	3	322	-	192	4	
Daytona Beach	849	790	17	42	455	216	239	-	235	-	192	-	
Balance of county	569	342	46	181	401	285	116	3	87	-	4	71	
Walton	76	-	13	63	24	24	-	-	-	-	-	-	
Washington	458	309	61	87	113	104	9	-	9	-	-	9	
Balance of county	258	87	76	93	96	96	-	-	-	-	-	-	
GEORGIA													
Appling	280	27	166	87	61	60	1	-	-	-	-	-	
Atkinson	95	-	59	36	23	23	-	-	-	-	-	-	
Bacon	350	254	64	32	53	44	9	-	9	-	-	9	
Baker	125	-	2	123	32	32	-	-	-	-	-	-	
Baldwin	601	354	24	223	1,071	142	929	869	57	-	869	57	
Banks	103	2	93	8	27	27	-	-	-	-	-	-	
Barrow	133	1	90	42	77	77	-	-	-	-	-	-	
Bartow	752	569	140	43	170	151	19	-	19	-	-	19	
Ben Hill	486	340	4	142	116	86	30	-	22	-	-	22	
Berrien	299	123	128	48	84	64	20	-	20	-	-	20	
Bibb	3,390	3,060	24	286	1,132	530	622	15	608	-	398	92	
Macon	3,298	3,060	18	192	1,063	455	606	-	606	-	386	92	
Balance of county	102	-	8	94	89	75	14	-	13	-	13	-	
Bleckley	173	1	82	90	67	67	-	-	-	-	-	-	
Brantley	147	1	116	30	32	32	-	-	-	-	-	-	
Brooks	662	328	27	307	186	127	59	-	58	-	54	4	
Bryan	124	-	59	65	36	36	-	-	-	-	-	-	
Bulloch	768	451	74	243	183	107	76	-	76	1	75	-	
Burke	610	-	88	522	161	159	2	-	-	-	-	-	
Butts	186	15	124	47	65	65	-	-	3	-	-	3	
Calhoun	268	54	17	197	64	59	5	-	-	-	-	-	
Camden	141	15	9	117	33	33	-	-	-	-	-	22	
Candler	270	140	72	58	72	49	23	-	22	-	-	58	
Carroll	1,136	788	247	101	282	203	79	1	69	-	1	11	
Catoosa	261	236	23	2	46	43	3	-	3	-	-	3	
Charlton	190	113	16	61	35	30	5	-	5	-	-	4	

See footnotes on p. 109

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary	
GEORGIA—Continued													
Chatham	4,091	3,248	595	248	1,626	824	802	17	784	46	53	643	74
Savannah	3,899	3,244	477	178	1,381	608	772	17	754	46	3	648	74
Balance of county	192	4	118	70	245	215	30	-	30	-	30	-	-
Chattahoochee	890	865	4	21	67	22	45	-	45	45	-	-	-
Chattooga	625	514	70	39	123	72	51	-	51	-	-	-	51
Cherokee	476	246	202	28	162	100	62	-	62	-	-	-	62
Clarke	1,400	1,186	67	147	369	143	226	-	226	1	127	98	-
Athens	1,328	1,186	45	97	535	109	226	-	226	1	127	98	-
Balance of county	72	-	22	50	34	34	-	-	-	-	-	-	-
Clay	142	3	5	154	52	51	1	-	-	-	-	-	-
Clayton	107	-	53	54	55	55	-	-	-	-	-	-	-
Clint	222	114	27	81	41	32	9	-	4	-	-	-	4
Cobb	1,370	1,119	206	43	373	250	123	2	113	-	2	-	113
Coffee	867	467	203	177	206	150	56	-	56	-	56	-	-
Colquitt	1,129	822	87	220	243	166	77	-	77	-	-	77	-
Moultrie	937	822	4	111	167	90	77	-	77	-	-	77	-
Balance of county	192	-	83	109	76	76	-	-	-	-	-	-	-
Columbia	162	1	17	144	59	58	1	-	-	-	-	-	-
Cook	230	-	167	63	68	68	-	-	-	-	-	-	-
Coweta	893	523	160	210	233	154	79	-	79	-	-	79	-
Crawford	144	-	17	127	48	48	-	-	-	-	-	-	-
Crisp	435	137	31	267	142	105	37	-	35	-	-	23	12
Dade	133	1	113	19	37	37	-	-	-	-	-	-	-
Dawson	59	26	20	12	20	20	-	-	-	-	-	-	-
Decatur	737	424	61	252	214	169	45	1	43	-	1	5	38
De Kalb	2,333	1,978	154	201	1,005	496	509	3	501	260	6	234	4
Atlanta (part)	20	-	9	11	155	153	2	-	-	-	-	-	-
Decatur	49	-	8	41	99	99	-	-	-	-	-	-	-
Balance of county	2,284	1,978	137	149	751	244	507	3	501	260	6	234	4
Dodge	502	164	137	201	98	78	20	-	19	-	-	-	19
Dooly	408	99	104	205	117	101	16	8	8	-	-	-	8
Dougherty	1,161	821	113	227	373	243	130	-	129	-	129	-	-
Albany	1,061	821	91	149	321	192	129	-	129	-	129	-	-
Balance of county	100	-	22	78	52	51	1	-	-	-	-	-	-
Douglas	130	-	78	52	59	58	1	-	-	-	-	-	-
Early	595	222	21	352	151	141	10	-	6	-	-	-	6
Evans	42	-	7	35	13	13	-	-	-	-	-	-	-
Effingham	218	78	26	114	70	62	8	-	8	-	-	-	8
Elbert	471	263	58	150	164	124	40	-	38	-	34	-	1
Emanuel	472	201	57	214	146	105	41	-	16	-	-	-	16
Evans	159	20	64	75	39	38	-	-	-	-	-	-	-
Fannin	350	148	161	21	95	84	11	-	10	-	-	-	10
Fayette	112	-	27	85	55	55	-	-	-	-	-	-	-
Floyd	2,097	1,906	87	104	685	259	426	6	420	173	118	-	135
Rome	1,994	1,906	23	65	395	148	247	-	247	-	112	-	135
Balance of county	103	-	64	39	290	111	179	-	173	-	6	-	6
Forsyth	377	283	78	16	82	75	7	-	6	-	-	-	6
Franklin	559	355	162	42	93	82	11	-	11	-	-	-	11
Fulton	14,611	14,210	474	127	4,651	2,325	2,326	230	2,036	26	1,153	928	158
Atlanta (part)	14,222	13,891	270	61	3,933	1,720	2,213	180	1,998	1	1,099	921	157
Atlanta (total)	14,242	13,891	279	72	4,088	1,873	2,215	180	1,998	1	1,099	921	157
District Hill, Center Hill	-	-	-	-	-	-	-	-	-	-	-	-	-
East Point	19	-	16	3	62	62	-	-	-	-	-	-	-
Balance of county	570	319	188	63	656	543	113	50	38	26	54	7	1
Gilmer	290	235	15	40	57	54	3	-	3	-	-	-	3
Glascock	64	-	31	33	21	21	-	-	-	-	-	-	-
Glynn	855	578	67	210	273	169	104	-	102	-	102	-	-
Brunswick	789	575	51	163	216	112	104	-	102	-	102	-	-
Balance of county	66	3	16	47	57	57	-	-	-	-	-	-	-
Gordon	488	387	98	13	103	74	29	4	25	-	-	4	25
Grady	506	204	210	92	153	128	25	-	19	-	16	-	3
Greene	259	-	115	143	162	162	-	-	-	-	-	-	-
Gwinnett	666	294	338	34	182	177	5	-	5	-	5	-	-
Habersham	453	289	144	20	102	95	7	-	2	-	1	-	-
Hall	1,073	762	222	69	518	203	115	-	114	-	48	-	66
Gainesville	735	606	90	39	153	86	67	-	66	-	-	-	66
Balance of county	339	156	132	50	165	117	48	-	48	-	48	-	-
Hancock	274	-	17	257	105	105	-	-	-	-	-	-	-
Harrison	290	149	117	25	63	70	15	-	15	-	-	-	15
Harris	242	21	47	174	90	78	2	-	1	-	1	-	-
Hart	214	32	125	57	54	54	-	-	-	-	-	-	-
Heard	104	-	54	50	47	47	-	-	-	-	-	-	-
Henry	374	41	75	258	131	130	1	1	-	-	1	-	-
Houston	395	140	120	125	119	115	4	-	3	3	-	-	-
Irwin	478	308	7	164	111	73	38	-	38	-	-	-	38
Jackson	623	318	283	22	124	102	22	-	18	-	-	-	19
Jasper	154	-	89	65	75	75	-	-	-	-	-	-	-
Jeff Davis	324	118	140	66	66	66	-	-	4	-	-	-	4
Jefferson	504	139	76	289	130	99	31	-	16	-	-	-	16
Jenkins	417	264	6	147	133	71	62	-	61	-	-	-	61
Johnson	229	-	107	122	46	46	-	-	-	-	-	-	-
Jones	171	-	89	132	71	71	-	-	-	-	-	-	-
Lamar	197	-	71	126	63	63	-	-	-	-	-	-	-
Lanier	47	-	28	19	8	8	-	-	-	-	-	-	-
Laurens	1,112	676	103	333	422	217	205	-	203	30	-	-	173
Lee	166	-	19	167	51	51	-	-	-	-	-	-	-
Liberty	256	35	88	133	81	73	8	-	8	-	-	-	8
Lincoln	110	-	73	37	28	28	-	-	-	-	-	-	-
Long	88	-	68	20	25	25	-	-	-	-	-	-	-

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- pri- etary		
IDAHO—Continued														
Adams	151	150	1	-	47	20	27	-	4	-	-	4		
Bannock	1,580	1,577	3	-	312	108	203	3	198	-	99	103		
Pocatello	1,357	1,355	2	-	270	70	200	-	199	-	96	103		
Balance of county	23	22	1	-	42	39	3	3	-	-	3	-		
Bear Lake	185	191	5	-	47	39	8	-	8	-	-	8		
Benevol	123	92	29	-	69	45	26	3	15	-	-	18		
Bingham	458	449	4	-	156	70	86	60	24	-	60	24		
Blaine	143	141	1	-	44	30	14	-	14	3	-	11		
Boise	-	-	-	-	12	12	-	-	-	-	-	-		
Bonner	290	274	15	-	145	94	51	-	51	-	-	48		
Bonoville	1,097	1,093	2	2	232	84	148	-	147	-	-	147		
Idaho Falls	1,097	1,093	2	2	205	55	148	-	147	-	-	147		
Balance of county	-	-	-	-	4	29	-	-	-	-	-	-		
Boundary	151	149	1	-	58	39	19	-	14	-	14	-		
Butte	20	20	-	-	7	6	1	-	1	-	-	1		
Camas	1	1	6	-	4	4	-	-	-	-	-	-		
Canyon	1,510	1,491	10	2	474	178	296	61	217	-	43	178		
Nampa	981	977	3	-	271	78	193	17	174	1	-	172		
Balance of county	529	514	7	2	205	100	103	44	43	42	-	6		
Caribou	194	193	-	-	25	11	14	-	14	-	14	-		
Cassia	424	402	22	-	94	55	39	-	37	-	-	57		
Clark	-	-	-	-	5	5	-	-	-	-	-	-		
Clearwater	174	167	7	-	105	47	58	29	29	-	29	29		
Custer	22	11	10	-	20	19	1	-	1	-	-	1		
Elmore	45	30	15	-	35	34	1	-	1	-	-	1		
Franklin	316	245	71	-	50	37	13	-	11	-	-	11		
Fremont	195	192	1	-	67	48	19	1	18	1	18	-		
Gem	255	254	1	-	68	32	36	-	35	-	35	-		
Gooding	730	724	20	-	110	35	75	-	71	-	20	51		
Idaho	326	304	26	1	102	55	47	-	45	-	22	24		
Jefferson	292	291	1	-	48	42	6	-	-	-	-	-		
Jerome	2	-	2	-	42	42	-	-	-	-	-	-		
Kootenai	544	532	8	-	225	114	111	4	63	-	-	7		
Coeur d'Alene	469	468	1	-	148	56	92	4	63	-	-	7		
Balance of county	75	64	7	-	77	58	19	-	-	-	-	80		
Latah	561	546	14	-	140	65	75	1	72	-	2	71		
Lemhi	152	154	18	-	66	37	29	10	1	-	-	4		
Levi	5	-	5	-	25	21	4	-	4	-	-	-		
Lincoln	6	4	1	-	19	17	2	-	-	-	-	15		
Madison	362	346	16	-	32	37	15	-	15	-	-	27		
Minidoka	343	338	5	-	86	55	31	-	27	-	-	19		
Nez Perce	752	739	10	2	261	102	159	7	152	-	9	150		
Leviston	743	739	4	-	205	51	152	7	152	-	2	150		
Balance of county	9	-	6	2	58	51	7	7	-	-	7	-		
Oneida	156	154	2	-	35	17	16	-	14	-	-	14		
Owyhee	8	7	1	-	21	21	20	-	14	-	-	-		
Payette	92	81	11	-	65	65	2	5	14	-	-	-		
Power	179	174	2	-	29	12	17	-	17	-	17	-		
Shoshone	577	572	5	-	196	69	127	37	90	-	38	38		
Teton	99	99	-	-	24	13	11	-	7	-	7	-		
Twin Falls	1,320	1,312	8	-	317	160	137	6	130	-	128	8		
Balance of county	415	413	2	-	127	76	51	-	51	-	45	6		
Valley	905	899	6	-	190	104	86	6	78	-	83	2		
Washington	62	47	11	-	31	25	6	-	4	-	4	-		
Yellowstone National Park (part)	213	205	5	1	79	37	42	-	42	-	-	42		
ILLINOIS	192,310	181,516	10,299	124	92,393	44,257	48,136	6,451	40,979	1,483	4,305	10,867	24,650	6,125
Adams	1,727	1,698	27	-	931	360	571	82	471	-	46	3	481	13
Quincy	1,699	1,697	2	-	749	227	522	36	468	-	-	-	481	13
Balance of county	28	1	25	-	182	133	49	46	3	-	46	3	-	-
Alexander	656	687	141	-	357	165	192	-	192	-	-	24	168	-
Cairo	774	687	68	-	285	93	192	-	192	-	-	24	168	-
Balance of county	82	-	75	-	72	72	-	-	-	-	-	-	-	-
Bond	35	-	28	-	95	95	-	-	-	-	-	-	-	-
Boone	436	452	4	-	232	89	143	1	127	-	-	-	56	72
Brown	35	-	30	-	75	75	2	-	-	-	-	-	-	-
Bureau	924	911	15	-	442	208	234	4	221	-	-	95	130	-
Calhoun	90	-	90	-	53	53	-	-	-	-	-	-	-	-
Carroll	362	356	26	-	181	133	48	4	44	-	-	46	2	-
Cass	379	348	28	-	157	70	87	7	72	-	-	67	-	12
Champaign	2,486	2,458	28	-	786	357	429	2	418	6	6	236	87	85
Champaign	935	951	4	-	297	124	173	-	167	-	-	151	-	16
Urbana	1,480	1,477	5	-	230	66	164	-	161	-	6	-	87	68
Balance of county	71	50	21	-	259	167	92	2	90	6	-	85	-	1
Christian	926	899	21	-	351	153	198	-	189	-	-	-	168	-
Clark	93	-	96	-	145	141	4	-	-	-	-	-	-	-
Clay	152	1	143	-	107	107	-	-	-	-	-	-	-	-
Clinton	392	355	35	-	195	116	79	7	72	-	-	77	2	-
Centralia (part)	2	-	2	-	2	2	-	-	-	-	-	-	-	-
Balance of county	390	355	33	-	193	114	79	7	72	-	-	77	2	-
Coles	1,150	1,054	94	-	441	246	195	20	161	-	-	1	151	29
Mattoon	779	749	28	-	188	93	95	20	74	-	-	-	94	-
Balance of county	571	505	66	-	253	153	100	-	87	-	-	1	57	29
Cook	100,549	97,003	3,392	89	47,898	22,177	25,721	2,192	23,340	1,115	897	8,573	11,447	3,500
Chicago	82,690	79,340	3,214	82	39,154	18,803	20,351	679	19,572	38	189	7,782	8,983	3,259
Berwyn	1,920	1,915	5	-	511	244	267	-	267	-	-	-	267	-
Cicero	13	-	11	1	341	339	2	-	2	-	-	-	-	2

See footnotes on p. 108.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
ILLINOIS—Continued													
Cook—Continued													
Elgin (part).....	-	-	-	2	2	-	-	-	-	-	-	-	
Evanston.....	3,927	3,924	3	993	276	717	26	680	-	-	629	77	
Maywood.....	8	-	8	141	117	24	24	-	-	-	24	-	
Oak Park.....	4,756	4,752	3	1,001	401	600	-	600	-	-	600	-	
Blue Island.....	973	972	1	246	87	159	-	159	-	-	159	-	
Brookfield.....	5	-	5	75	59	15	15	-	-	-	-	15	
Calumet City.....	2	-	1	69	69	-	-	-	-	-	-	-	
Chicago Heights.....	1,173	1,142	31	246	83	163	-	163	-	-	152	11	
Elmhurst Park.....	9	6	3	48	48	-	-	-	-	-	-	-	
Forest Park.....	-	-	-	125	84	41	41	-	-	-	41	-	
Harvey.....	993	991	2	191	70	121	-	121	-	-	121	-	
La Grange.....	5	1	5	48	48	-	-	-	-	-	-	-	
Melrose Park.....	712	708	4	142	56	86	-	86	-	-	86	-	
Park Ridge.....	5	-	5	84	73	11	-	11	-	-	-	11	
Wilmette.....	1	-	1	93	73	20	-	14	-	-	4	10	
Winnetka.....	1	-	1	55	52	3	-	3	-	-	-	3	
Balance of county.....	3,359	3,252	93	4,335	1,194	3,141	1,407	1,662	1,077	708	791	391	112
Crawford.....	480	386	92	223	140	83	1	81	-	-	-	82	
Cumberland.....	66	-	66	81	81	-	-	-	-	-	-	-	
De Kalb.....	1,075	1,068	6	449	224	225	6	214	-	86	132	-	
De Witt.....	248	228	19	177	96	79	3	76	-	79	-	-	
Douglas.....	430	400	30	178	92	86	-	85	-	83	-	-	
Du Page.....	1,911	1,899	22	1,007	590	417	17	395	-	7	356	37	
Elmhurst.....	1,371	1,369	2	289	61	228	-	228	-	-	228	-	
Balance of county.....	540	520	20	718	529	189	17	157	-	7	130	37	
Edgar.....	496	472	23	277	184	93	-	92	-	-	92	-	
Edwards.....	72	-	72	67	67	-	-	-	-	-	-	-	
Effingham.....	946	884	61	289	128	161	-	161	-	-	161	-	
Fayette.....	590	482	102	286	204	82	15	55	14	1	-	55	
Ford.....	262	244	18	144	100	44	-	37	-	-	37	-	
Franklin.....	497	451	342	428	363	65	-	53	-	-	42	21	
West Frankfort.....	43	19	24	135	95	40	-	40	-	-	40	-	
Balance of county.....	454	432	318	293	268	25	-	23	-	-	2	21	
Fulton.....	933	882	49	444	250	194	1	183	-	1	-	183	
Canton.....	887	882	5	237	54	183	-	183	-	-	-	183	
Balance of county.....	46	-	44	207	196	11	1	-	-	1	-	-	
Gallatin.....	154	75	74	84	70	14	-	13	-	-	-	13	
Greene.....	549	484	65	183	146	37	-	37	-	-	37	-	
Grundy.....	398	381	15	171	121	50	2	48	-	-	33	17	
Hamilton.....	247	195	52	125	91	34	1	16	-	-	1	16	
Hancock.....	223	179	42	232	204	28	4	21	-	3	21	1	
Hardin.....	165	79	79	71	55	16	-	16	-	-	-	16	
Henderson.....	22	-	22	35	35	-	-	-	-	-	-	-	
Henry.....	1,110	1,100	10	488	230	258	15	239	-	59	194	2	
Kewanee.....	792	785	7	283	69	194	-	194	-	-	194	-	
Balance of county.....	318	315	3	225	161	64	15	45	-	59	-	2	
Iroquois.....	592	550	42	284	231	53	2	51	-	7	46	-	
Jackson.....	1,136	1,046	86	393	259	134	-	125	-	-	125	-	
Jasper.....	58	-	58	94	94	-	-	-	-	-	-	-	
Jefferson.....	1,086	792	290	338	264	74	-	70	-	-	4	66	
Mount Vernon.....	906	792	112	191	119	72	-	70	-	-	4	66	
Balance of county.....	180	-	178	147	145	2	-	-	-	-	-	-	
Jersey.....	124	28	95	99	97	2	-	1	-	-	-	1	
Jo Daviess.....	100	-	100	163	151	12	-	9	-	-	-	9	
Johnson.....	137	1	136	112	112	-	-	-	-	-	-	-	
Kane.....	4,896	4,884	12	2,161	622	1,539	464	1,077	425	42	817	237	
Aurora.....	2,430	2,426	4	751	250	481	3	478	-	-	286	193	
Elgin (part).....	1,741	1,740	1	963	147	816	428	391	421	-	367	31	
Elgin (total).....	1,741	1,740	1	965	149	816	428	391	421	-	367	31	
Balance of county.....	725	718	7	447	225	222	33	188	4	42	162	13	
Kankakee.....	1,596	1,489	102	1,475	306	1,169	960	194	956	2	1,169	-	
Kankakee.....	1,524	1,482	41	352	142	210	2	194	-	2	194	-	
Balance of county.....	72	7	61	1,123	164	959	958	-	956	-	-	-	
Kendall.....	3	-	3	59	59	-	-	-	-	-	-	-	
Knock.....	1,362	1,350	12	597	269	328	15	309	1	12	308	3	
Galesburg.....	1,353	1,350	3	469	154	315	3	306	1	-	308	2	
Balance of county.....	9	-	9	128	115	13	-	1	-	12	-	1	
Lake.....	3,744	3,674	31	1,356	515	821	138	656	96	-	142	446	
Waukegan.....	952	846	5	246	104	142	-	142	-	37	104	1	
Highland Park.....	400	400	-	144	63	81	8	70	-	-	78	-	
Balance of county.....	2,392	2,328	26	946	348	598	130	444	96	105	254	109	
La Salle.....	2,535	2,508	25	1,140	538	602	25	570	-	152	371	72	
La Salle.....	855	853	2	172	39	133	-	133	-	-	133	-	
Ottawa.....	729	728	1	224	96	128	8	120	-	119	8	1	
Streator.....	915	908	7	255	80	165	-	160	-	-	160	-	
Balance of county.....	436	419	15	489	313	176	17	157	-	33	70	1	
Lawrence.....	175	2	168	175	167	8	-	3	-	-	2	-	
Lee.....	752	734	17	461	187	274	169	125	-	162	7	125	
Dixon.....	628	628	-	177	73	104	-	104	-	-	104	-	
Balance of county.....	128	108	17	304	114	190	169	21	162	7	21	-	
Livingston.....	755	738	17	438	216	222	21	200	73	2	203	1	
Logan.....	652	632	19	469	128	341	131	207	-	131	207	-	
Lincoln.....	631	631	-	385	58	297	89	207	-	89	207	-	
Balance of county.....	21	1	19	114	70	44	42	-	42	-	-	-	
McDonough.....	694	647	47	369	195	174	1	171	-	8	164	-	
McHenry.....	789	773	15	435	316	119	7	109	-	11	59	46	
McLean.....	2,097	2,066	29	871	326	545	2	542	-	3	541	-	
Bloomington.....	1,780	1,775	5	588	149	439	-	438	-	-	438	-	
Balance of county.....	317	291	24	283	177	106	2	104	-	3	103	-	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
ILLINOIS—Continued														
Macon	2,784	2,753	31	-	1,030	406	624	22	600	-	-	25	359	238
Decatur	2,766	2,753	13	-	807	286	801	-	600	-	-	17	346	237
Balance of county	18	-	18	-	143	120	23	22	-	-	-	8	13	1
Macoupin	545	276	67	-	353	276	77	12	56	-	-	2	3	63
Madison	4,251	3,930	309	2	1,837	759	1,078	324	742	295	39	39	710	22
Alton	2,194	2,199	79	-	562	158	404	1	402	-	-	-	388	15
Granite City	1,116	1,111	4	1	320	104	216	-	215	-	-	-	215	-
Balance of county	651	620	226	1	955	497	458	323	125	295	39	39	107	7
Marion	1,227	1,163	61	-	455	264	191	-	170	-	-	-	170	-
Centralia (part)	766	748	18	-	213	85	130	-	118	-	-	-	118	-
Centralia (total)	768	748	20	-	215	85	130	-	118	-	-	-	118	-
Balance of county	461	415	45	-	242	181	61	-	52	-	-	-	52	-
Marshall	23	-	23	-	99	88	11	-	11	-	-	-	-	11
Mason	55	1	50	-	108	108	-	-	-	-	-	-	-	-
Massac	270	129	124	1	133	143	50	-	49	-	-	-	1	48
Menard	38	-	38	-	68	62	6	-	-	-	-	-	-	-
Mercer	19	1	18	-	92	88	4	2	1	-	-	2	1	-
Monroe	14	-	14	-	83	79	4	4	-	-	-	-	-	-
Montgomery	979	951	46	-	504	226	278	-	273	-	-	-	273	-
Morgan	845	786	54	-	822	184	638	380	254	378	8	8	130	118
Jacksonville	787	785	2	-	720	101	619	379	237	378	-	-	130	108
Balance of county	58	1	52	-	102	83	19	1	17	-	-	8	-	10
Moultrie	45	-	45	-	75	54	21	21	-	-	-	-	21	-
Ogle	358	307	48	-	269	187	82	3	76	-	-	37	2	40
Peoria	5,209	5,124	80	-	2,169	754	1,415	432	947	339	60	60	934	46
Peoria	5,114	5,085	28	-	1,503	528	975	27	924	-	-	-	933	18
Balance of county	95	39	52	-	666	226	440	405	23	339	60	1	28	3
Perry	642	562	72	4	280	188	92	1	84	-	-	2	80	3
Piatt	182	173	8	-	113	77	36	-	36	-	-	-	-	36
Pike	393	345	47	-	242	153	89	-	85	-	-	-	85	-
Pope	70	-	66	-	69	69	-	-	-	-	-	-	-	-
Pulaski	164	1	124	9	125	123	-	-	-	-	-	-	-	-
Putnam	4	-	3	-	32	31	1	1	-	-	-	-	1	-
Randolph	697	586	104	-	348	210	139	39	77	35	2	41	38	-
Richland	689	621	38	-	270	105	165	-	160	-	-	1	-	159
Rock Island	3,317	3,296	20	-	1,547	531	1,016	282	728	271	267	267	438	12
Moline	2,373	2,367	6	-	615	166	449	-	449	-	-	269	180	-
Rock Island	-	-	5	-	485	218	267	2	265	-	-	9	258	-
East Moline	-	-	-	-	315	44	271	271	-	271	-	-	-	-
Balance of county	62	53	9	-	132	103	29	9	12	-	-	9	-	12
St. Clair	4,434	4,157	266	8	1,962	1,052	910	12	893	16	-	93	629	167
Bellefonte	1,388	1,384	3	-	458	177	281	12	269	-	-	-	280	1
East St. Louis	2,640	2,480	174	5	1,002	482	520	-	515	-	-	-	349	166
Balance of county	406	313	89	3	502	393	109	-	109	18	-	93	-	-
Saline	1,038	913	123	-	424	300	124	-	124	-	-	-	-	124
Harrisburg	476	456	20	-	152	103	49	-	49	-	-	-	-	49
Balance of county	562	457	103	-	272	197	75	-	75	-	-	-	-	75
Bangamon	3,439	3,359	70	3	1,613	473	1,140	15	1,097	1	1	1	1,095	25
Springfield	3,371	3,359	9	2	1,394	293	1,101	8	1,065	1	1	1	1,051	20
Balance of county	67	61	61	-	180	39	7	7	32	-	-	-	34	5
Schuyler	129	109	20	-	113	85	28	-	27	-	-	-	-	27
Scott	26	-	25	-	54	54	-	-	-	-	-	-	-	-
Shelby	420	306	113	-	208	153	55	5	45	-	-	5	25	20
Stark	9	-	9	-	50	47	3	-	3	-	-	-	3	-
Stephenson	1,320	1,302	18	-	529	210	318	8	310	-	-	2	315	1
Fresport	1,288	1,283	5	-	434	126	308	8	302	-	-	-	308	-
Balance of county	32	19	13	-	94	94	10	2	8	-	-	2	7	1
Tazewell	1,019	983	34	-	435	279	156	-	153	-	-	4	127	22
Tekin	752	749	3	-	213	96	127	-	127	-	-	-	127	-
Balance of county	266	234	31	-	222	193	29	-	26	-	-	4	-	22
Union	480	403	71	-	478	122	356	317	39	317	39	39	-	-
Vermilion	2,205	2,116	88	-	1,188	516	672	154	518	88	-	70	502	-
Danville	2,147	2,113	34	-	755	247	508	-	508	-	-	12	496	-
Balance of county	58	3	52	-	433	269	164	154	8	98	-	58	6	-
Wabash	186	78	107	-	107	91	16	-	1	-	-	-	-	1
Warren	648	636	12	-	261	113	148	2	146	-	-	126	22	-
Washington	53	-	53	-	220	220	-	-	-	-	-	-	-	-
Wayne	261	1	252	-	161	160	1	1	-	-	-	1	-	-
White	240	2	233	-	184	174	10	1	-	-	-	1	-	-
Whiteside	1,100	990	108	-	490	282	198	17	189	-	-	136	17	23
Sterling	636	670	15	-	211	75	136	2	118	-	-	87	17	16
Balance of county	414	320	93	-	269	207	62	15	41	-	-	49	-	7
Will	2,314	2,881	52	-	1,279	617	662	46	616	-	27	29	604	2
Joliet	2,868	2,850	8	-	896	260	596	2	594	-	-	-	594	2
Balance of county	46	1	44	-	423	357	66	44	22	-	27	29	10	-
Williamson	1,248	935	307	1	591	359	232	-	231	78	-	-	-	153
Winnebago	3,769	3,703	60	1	1,361	581	780	27	746	1	-	115	639	18
Rockford	3,708	3,690	15	1	1,062	403	659	1	651	1	-	26	624	1
Balance of county	61	13	45	-	299	178	121	26	95	-	-	89	15	17
Woodford	37	-	37	-	143	138	5	1	4	-	-	-	4	4
INDIANA	86,726	87,166	8,897	52	40,410	23,811	16,599	2,137	13,969	367	1,558	4,699	7,897	1,582
Adams	754	631	102	-	220	135	85	3	80	-	-	82	-	1
Allen	5,059	4,909	142	1	1,821	794	1,027	116	906	-	39	118	834	31
Fort Wayne	4,958	4,907	29	-	1,519	611	908	55	850	-	39	1	834	31
Balance of county	121	1	113	1	302	183	119	61	56	-	-	117	-	-
Bartholomew	943	902	37	-	352	210	142	4	122	-	-	124	-	2
Columbus	906	902	4	-	201	77	124	1	122	-	-	121	-	2
Balance of county	57	-	33	-	151	133	18	3	-	-	-	3	-	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non- profit	Pro- prietary	
INDIANA—Continued													
Benton	45	-	44	-	67	65	2	-	-	-	-	-	
Blackford	353	333	20	-	146	97	49	1	48	-	-	1	
Boone	710	684	25	-	261	185	76	3	72	-	-	5	
Brown	46	-	22	3	38	38	-	-	-	-	-	-	
Carroll	50	15	32	-	121	104	17	2	4	-	-	4	
Cass	1,132	1,110	22	-	643	230	413	178	222	-	168	13	
Logansport	1,113	1,109	4	-	385	121	244	9	222	-	-	12	
Balance of county	19	1	18	-	278	109	169	169	-	168	-	1	
Clark	957	767	181	1	342	235	107	2	101	-	-	-	
Jeffersonville	783	767	16	-	192	85	107	2	101	-	-	-	
Balance of county	174	-	165	1	150	150	-	-	-	-	-	-	
CLAY	483	447	34	-	266	200	66	5	61	-	-	-	
Climton	647	632	15	-	313	213	100	24	64	-	-	18	
Frankfort	633	632	1	-	200	117	83	17	64	-	-	6	
Balance of county	14	-	14	-	113	96	17	7	64	-	-	17	
Crawford	189	2	180	-	88	86	-	-	-	-	-	1	
Darless	864	761	84	1	345	206	139	1	137	-	-	137	
Dearborn	82	-	82	-	193	190	3	3	-	-	-	-	
Decatur	475	428	46	-	236	138	98	34	63	-	-	33	
De Kalb	809	789	20	-	308	188	110	7	77	-	-	24	
Delaware	2,427	2,377	48	-	805	418	387	30	355	-	-	355	
Muncie	2,404	2,377	26	-	638	277	359	2	355	-	-	356	
Balance of county	23	-	22	-	170	141	29	28	-	-	-	356	
Dubois	690	483	203	-	212	166	46	5	40	-	-	40	
Eldhart	2,301	2,215	86	-	765	511	254	17	231	-	-	5	
Eldhart	1,422	1,417	5	-	380	222	158	-	-	-	-	5	
Gosham	801	798	3	-	162	82	80	3	75	-	-	3	
Balance of county	78	-	78	-	223	207	16	14	14	-	-	2	
Fayette	592	576	16	-	212	132	80	1	79	-	-	79	
Connersville	581	576	5	-	170	90	80	1	79	-	-	79	
Balance of county	11	-	11	-	42	42	-	-	-	-	-	79	
Floyd	1,368	1,236	130	-	537	310	227	13	213	-	31	180	
New Albany	1,318	1,235	81	-	419	236	183	-	182	-	-	180	
Balance of county	51	1	49	-	118	74	44	13	31	-	31	1	
Fountain	97	67	29	-	133	130	3	2	-	-	-	3	
Franklin	80	-	77	-	131	93	38	13	1	-	-	1	
Fulton	390	364	25	-	191	121	70	5	63	-	-	7	
Gibson	891	745	135	-	327	223	104	19	76	-	-	10	
Grant	1,457	1,457	99	-	708	429	280	105	171	91	-	99	
Marion	1,513	1,456	54	-	407	230	177	3	171	-	-	172	
Balance of county	46	1	45	-	302	199	103	102	-	91	-	11	
Greene	709	642	67	-	278	226	50	-	48	-	-	48	
Hamilton	491	470	19	-	255	188	67	3	61	-	-	64	
Hancock	77	1	76	-	162	152	10	5	-	-	-	5	
Harrison	293	1	285	4	163	163	-	-	-	-	-	-	
Hendricks	39	1	37	-	197	195	2	3	-	-	-	3	
Henry	1,442	1,392	49	-	490	255	235	41	190	-	36	182	
New Castle	71	56	15	-	116	99	17	-	15	-	-	15	
Balance of county	1,371	1,336	34	-	374	156	218	41	175	-	36	180	
Howard	1,557	1,473	82	-	538	370	168	6	155	-	-	155	
Kokomo	1,528	1,473	53	-	429	267	162	-	155	-	-	155	
Balance of county	29	-	29	-	108	105	6	6	-	-	-	6	
Huntington	779	727	51	-	345	250	95	23	60	-	-	60	
Huntington	749	727	22	-	176	112	66	-	60	-	-	60	
Balance of county	30	-	29	-	167	138	29	23	-	-	-	21	
Jackson	953	808	144	-	288	210	78	3	74	-	-	77	
Jasper	551	500	50	-	159	90	69	-	67	-	-	67	
Jay	556	523	31	-	252	183	69	4	65	-	-	69	
Jefferson	625	516	105	-	376	172	204	165	38	-	161	3	
Jennings	129	1	127	-	139	122	17	17	-	-	17	-	
Johnson	367	206	155	2	248	164	84	62	15	-	-	22	
Knox	1,158	1,080	75	-	470	281	189	3	186	-	-	189	
Vincennes	1,089	1,080	7	-	284	112	172	-	172	-	-	172	
Balance of county	69	-	68	-	186	169	17	3	14	-	-	17	
Kosciusko	637	614	22	-	335	224	111	17	91	-	-	91	
Lagrange	109	1	104	-	141	113	28	-	26	-	-	26	
Lake	9,631	9,187	348	30	3,029	1,394	1,635	95	1,531	-	-	129	
Gary	4,671	4,428	206	4	1,232	506	786	-	781	-	-	1,465	
East Chicago	1,985	1,871	74	22	535	225	330	-	329	-	-	328	
Hammond	2,921	2,883	27	4	723	338	391	39	352	-	-	351	
Whiting	6	-	4	-	50	49	1	-	1	-	-	1	
Balance of county	48	3	37	-	403	276	127	56	68	-	100	24	
La Porte	2,179	2,120	56	-	622	379	443	33	410	-	26	6	
Michigan City	913	892	21	-	334	129	205	26	179	-	-	340	
La Porte	1,239	1,228	10	-	332	101	231	1	230	-	-	108	
Balance of county	27	-	25	-	156	149	7	6	1	-	-	231	
Lawrence	1,086	866	192	1	346	246	100	1	96	-	-	95	
Bedford	889	888	23	-	202	105	97	-	96	-	-	94	
Balance of county	177	-	169	1	144	141	3	1	-	-	-	1	
Madison	2,984	2,898	63	1	969	575	394	16	374	-	4	346	
Anderson	2,208	2,169	39	-	565	262	303	-	300	-	-	275	
Elwood	698	694	4	-	160	88	72	-	71	-	-	71	
Balance of county	58	35	20	1	244	225	19	16	3	-	-	14	
Marion	15,100	13,698	1,074	1	8,576	3,323	3,253	301	2,856	258	665	1,068	
Indianapolis	12,928	11,697	923	1	5,610	2,797	2,813	187	2,583	166	665	909	
Balance of county	2,172	2,011	151	-	966	440	526	114	303	92	-	159	
Marshall	683	666	14	-	313	210	103	2	74	-	-	55	
Martin	113	-	110	-	64	64	-	-	-	-	-	18	
Miami	719	665	49	-	301	154	147	9	128	-	-	121	
Peru	676	665	10	-	185	56	129	-	127	-	-	116	
Balance of county	43	-	39	-	116	98	18	9	1	-	-	5	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
INDIANA—Continued														
Monroe	1,138	991	136	5	322	222	100	13	84	-	-	4	84	9
Bloomington	1,032	991	40	-	204	105	99	12	84	-	-	3	84	9
Balance of county	106	-	96	5	118	117	1	1	-	-	-	1	-	-
Montgomery	822	783	38	-	364	219	145	5	125	-	-	129	-	1
Crawfordsville	807	783	24	-	217	87	130	-	125	-	-	124	-	1
Balance of county	15	-	14	-	147	132	15	5	-	-	-	5	-	-
Morgan	446	377	69	-	215	163	52	2	50	-	-	51	-	1
Newton	30	-	29	-	78	76	2	2	-	-	-	2	-	-
Noble	794	754	40	-	284	187	97	20	76	-	-	60	19	17
Ohio	29	-	29	-	35	35	-	-	-	-	-	-	-	-
Orange	332	133	199	-	169	150	18	5	11	-	-	5	-	11
Owen	82	1	81	-	117	114	3	3	-	-	-	3	-	-
Perks	81	-	79	-	169	151	39	4	34	-	34	4	-	-
Perry	325	141	182	2	157	145	12	1	10	-	-	1	-	10
Pike	74	-	73	-	139	120	19	6	10	-	-	3	-	13
Porter	782	760	20	-	313	203	110	8	99	-	-	107	-	-
Posey	219	-	217	-	167	160	7	3	1	-	-	4	-	-
Pulaski	263	181	82	-	101	84	17	1	15	-	-	1	-	15
Putnam	501	479	21	-	218	151	67	8	55	-	6	57	-	0
Randolph	840	622	16	-	309	216	93	12	81	-	-	69	-	24
Ripley	1,089	994	63	-	270	150	120	2	118	-	-	2	72	46
Rush	447	427	19	-	223	177	46	4	30	-	1	17	-	16
St. Joseph	4,971	4,913	55	-	1,624	883	741	35	690	-	-	52	659	14
South Bend	3,888	3,888	30	-	1,063	534	529	-	519	-	-	-	505	14
Mishawaka	1,056	1,054	2	-	285	144	141	1	138	-	-	2	137	-
Balance of county	27	1	23	-	276	205	71	34	33	-	-	50	17	-
Scott	469	366	103	-	88	83	5	2	3	-	-	2	-	3
Shelby	734	703	28	-	392	292	100	1	91	-	-	92	-	-
Shelbyville	715	703	10	-	202	111	91	-	91	-	-	91	-	-
Balance of county	19	-	18	-	190	181	9	1	-	-	-	1	-	-
Spencer	195	2	190	-	155	144	11	1	-	-	-	1	-	-
Starke	136	-	136	-	116	113	3	3	-	-	-	3	-	-
Steuben	249	223	22	-	173	132	41	11	29	-	-	11	28	-
Sullivan	550	497	52	-	309	235	74	3	71	-	-	74	-	-
Switzerland	61	-	61	-	84	85	1	1	-	-	-	-	-	1
Tippecanoe	2,545	2,517	25	-	899	301	588	84	500	-	28	25	408	123
Lafayette	2,525	2,516	7	-	690	180	510	45	461	-	-	12	371	123
Balance of county	20	1	18	-	199	121	78	39	39	-	28	13	37	-
Tipton	118	80	38	-	114	104	10	6	4	-	-	6	-	4
Union	18	-	18	-	59	56	3	2	-	-	-	-	-	2
Vanderburgh	4,817	4,288	553	-	1,995	858	1,137	200	906	16	144	73	842	30
Evansville	4,663	4,257	410	-	1,591	683	908	37	846	16	-	2	836	28
Balance of county	148	1	143	-	404	175	229	163	60	-	144	71	6	2
Vermillion	558	503	55	-	199	108	91	-	91	-	-	90	1	-
Vigo	2,800	2,505	279	-	1,368	799	569	40	524	2	-	31	527	4
Terre Haute	2,648	2,502	139	-	1,072	539	533	4	524	-	-	2	522	4
Balance of county	152	5	140	-	296	260	36	36	-	2	-	29	5	-
Wabash	594	578	17	-	259	172	87	12	69	-	-	71	10	-
Warren	168	151	16	-	75	58	15	2	13	-	-	2	13	-
Warrick	168	-	158	-	160	156	4	1	-	-	-	-	1	-
Washington	291	53	234	-	155	150	5	5	-	-	-	5	-	-
Wayne	1,764	1,711	51	-	963	447	516	211	301	-	198	22	286	6
Richmond	83	60	22	-	279	271	8	4	4	-	-	2	5	1
Balance of county	1,681	1,651	29	-	684	176	508	207	297	-	198	20	281	5
Wells	499	479	17	-	257	122	135	3	129	-	-	61	-	71
White	77	-	77	-	144	138	6	5	-	-	-	5	-	-
Whitley	20	1	18	-	151	116	35	8	16	-	-	8	-	16
TOTAL	65,007	61,350	3,586	14	26,625	13,770	12,855	1,508	10,781	251	1,257	2,277	6,049	2,456
Adair	132	61	70	-	97	86	11	5	2	-	-	2	-	5
Adams	30	-	30	-	64	61	3	-	2	-	-	-	-	2
Allamore	397	368	28	-	189	109	29	4	24	-	-	27	-	1
Appanoose	460	454	26	-	307	173	184	11	121	-	-	2	121	9
Arthur	117	87	50	-	58	57	1	1	-	-	-	1	-	-
Benton	485	442	43	-	198	136	62	7	49	-	-	49	-	7
Black Hawk	3,112	3,078	33	1	908	420	488	50	434	-	-	91	137	256
Waterloo	1,619	1,609	9	1	478	284	214	-	210	-	-	14	125	71
Balance of county	1,493	1,469	24	-	430	185	274	50	224	-	-	77	12	185
Boone	563	549	14	-	353	182	201	96	105	-	59	112	28	3
Boone	550	549	1	-	208	78	150	25	105	-	-	105	22	3
Balance of county	15	-	15	-	145	74	71	71	-	-	59	7	6	-
Bremer	454	403	51	-	176	100	76	4	70	-	-	4	70	-
Buchanan	384	346	28	3	311	130	181	128	50	-	121	4	50	3
Buena Vista	588	586	11	-	155	102	53	-	53	-	-	-	-	53
Butler	103	61	42	-	113	110	3	2	-	-	-	2	-	-
Calhoun	269	255	14	-	129	92	37	2	31	-	-	2	-	31
Carroll	1,073	1,048	25	-	247	115	132	1	116	-	-	1	114	2
Cass	535	486	49	-	176	91	85	5	80	-	-	4	78	3
Cedar	59	12	26	-	116	108	8	4	-	-	-	4	-	-
Cerro Gordo	1,491	1,470	21	-	524	194	330	18	290	-	-	4	207	97
Mason City	1,440	1,429	11	-	423	112	311	15	283	-	-	1	207	90
Balance of county	51	41	10	-	101	82	19	3	7	-	-	3	-	7
Cherokee	452	442	10	-	328	110	216	156	52	-	153	-	52	3
Chickasaw	328	319	9	-	129	77	52	-	50	-	-	4	46	-
Clarke	298	289	9	-	107	51	56	-	55	-	-	-	-	55
Clay	485	476	9	-	149	76	73	1	71	-	-	65	-	7
Clayton	358	249	108	-	207	181	26	10	10	-	2	6	2	10
Clinton	1,355	1,331	22	-	551	307	244	11	229	-	-	10	230	-
Clinton	1,336	1,330	5	-	407	177	230	1	229	-	-	-	230	-
Balance of county	19	1	17	-	144	130	14	10	-	-	-	10	-	-

See footnotes on p. 108.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Type of institution		Type of control				
							Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
IOWA—Continued														
Crawford	380	334	45	-	134	103	31	1	29	-	-	1	1	28
Dallas	419	375	45	-	232	147	85	13	70	-	-	14	35	34
Davis	51	1	49	1	75	69	6	2	3	-	-	2	-	3
Decatur	313	304	9	-	127	87	60	6	54	-	-	57	1	2
Delaware	328	290	36	-	128	67	39	4	34	-	-	3	-	35
Des Moines	1,172	1,164	8	-	572	163	408	14	391	-	-	14	280	171
Burlington	1,165	1,164	1	-	513	117	396	1	391	-	-	1	220	171
Balance of county	7	-	7	-	59	46	13	13	-	-	-	13	-	-
Dickinson	237	209	27	-	106	71	35	3	28	-	-	3	-	28
Dubuque	2,059	1,975	64	-	882	348	534	49	482	-	-	19	485	19
Dubuque	1,857	1,845	12	-	746	271	475	45	430	-	-	15	441	19
Balance of county	182	130	52	-	136	77	59	4	52	-	-	4	52	4
Emmet	532	524	7	-	126	62	64	-	62	-	-	-	-	4
Fayette	698	658	40	-	284	173	111	24	84	-	-	37	67	4
Floyd	567	552	14	-	208	115	93	5	88	-	-	89	-	-
Franklin	425	418	4	-	120	64	56	-	50	-	-	-	50	-
Fremont	279	266	13	-	129	83	66	4	59	-	-	4	-	59
Greene	487	496	9	-	148	92	56	-	53	-	-	49	-	4
Grundy	44	28	16	-	93	93	-	-	-	-	-	-	-	-
Guthrie	131	67	63	-	122	104	18	5	4	-	-	4	-	5
Hamilton	430	417	13	-	149	93	56	-	51	-	-	51	-	-
Hancock	178	134	42	-	73	69	4	-	-	-	-	-	-	-
Hardin	602	587	15	-	224	148	76	2	74	-	-	76	-	-
Harrison	300	163	136	-	166	155	11	-	8	-	-	-	-	8
Henry	349	334	15	-	342	106	236	143	70	106	138	71	-	6
Howard	348	329	19	-	122	73	49	3	44	-	-	3	44	-
Humboldt	29	3	26	-	76	72	4	2	2	-	-	2	2	2
Ia	255	235	20	-	102	69	33	-	33	-	-	17	-	16
Iowa	225	164	61	-	146	120	26	7	19	-	-	7	-	19
Jackson	174	145	29	-	170	119	51	2	30	-	-	12	-	20
Jasper	502	455	47	-	250	120	130	6	120	-	-	123	-	3
Newton	425	420	5	-	155	34	121	-	117	-	-	117	-	-
Balance of county	77	35	42	-	95	86	9	6	3	-	-	6	-	3
Jefferson	465	455	8	-	169	110	59	3	55	-	-	58	-	-
Johnson	1,889	1,862	27	-	887	198	689	13	672	557	-	11	2	115
Iowa City	1,863	1,862	1	-	717	109	608	3	604	489	-	1	2	115
Balance of county	26	-	26	-	170	89	81	10	68	68	-	10	-	-
Jones	628	616	12	-	169	98	71	13	54	4	-	10	-	53
Keokuk	204	127	76	-	140	115	25	1	22	-	-	1	-	22
Kossuth	595	522	72	-	163	121	42	1	35	-	-	1	-	35
Lee	1,577	1,560	17	-	616	219	397	18	379	7	-	11	579	-
Fort Madison	605	594	11	-	202	82	120	7	113	7	-	-	113	-
Keokuk	967	966	1	-	344	78	266	-	266	-	-	-	266	-
Balance of county	5	-	5	-	70	59	11	11	-	-	-	11	-	-
Linn	2,794	2,749	42	-	1,054	477	577	47	504	-	-	35	500	16
Cedar Rapids	2,758	2,749	8	-	818	289	529	12	498	-	-	-	500	10
Balance of county	36	-	34	-	236	198	49	35	6	-	-	35	-	6
Louis	30	-	29	-	83	79	4	3	-	-	-	3	-	-
Lucas	269	242	26	-	175	114	61	5	55	-	-	5	-	55
Lyon	197	154	43	-	75	53	22	-	22	-	-	-	-	22
Madison	99	52	47	-	111	100	11	3	3	-	-	3	-	3
Mahaska	908	889	19	-	313	168	145	12	125	-	-	93	-	44
Oskaloosa	872	868	4	-	220	87	133	-	125	-	-	82	-	43
Balance of county	36	21	15	-	93	61	12	12	-	-	-	11	-	1
Marion	320	280	39	-	281	143	138	68	64	63	-	-	-	68
Marshall	1,199	1,182	16	-	435	162	273	44	228	-	35	8	287	2
Marshalltown	1,142	1,139	4	-	314	87	227	-	226	-	-	-	226	-
Balance of county	56	44	12	-	121	75	46	44	2	-	35	8	1	2
Mills	72	27	45	-	127	71	56	51	1	51	-	-	-	1
Mitchell	358	345	12	-	102	89	13	1	7	-	-	6	-	2
Monona	350	253	95	2	67	68	19	-	19	-	-	-	-	19
Monroe	227	158	68	-	157	116	41	9	14	-	-	3	-	20
Montgomery	409	405	4	-	145	94	51	3	46	-	-	47	-	2
Muscataine	833	821	10	1	399	219	180	9	170	-	-	3	159	17
Muscataine	822	820	-	1	321	144	177	6	170	-	-	2	157	17
Balance of county	11	1	10	-	78	75	3	3	-	-	-	1	2	5
O'Brien	484	436	58	-	145	97	48	1	36	-	-	10	22	-
Osceola	281	14	1	1	89	54	35	-	35	-	-	-	-	35
Page	685	681	13	-	368	129	239	154	103	-	131	60	-	46
Palo Alto	347	303	43	-	122	91	31	-	25	-	-	-	-	25
Plymouth	836	811	25	-	204	113	91	11	80	-	-	11	70	10
Pocahontas	147	98	49	-	93	77	6	1	-	-	-	1	-	-
Polk	6,310	6,169	139	-	2,463	685	1,578	42	1,430	187	-	419	708	158
Des Moines	6,259	6,167	89	-	2,249	728	1,521	14	1,429	187	-	390	708	158
Balance of county	51	2	49	-	214	157	57	28	1	-	-	29	-	-
Pottawattomai	2,048	1,997	51	-	773	316	457	2	436	-	-	4	414	20
Council Bluffs	2,025	1,997	28	-	634	179	455	-	436	-	-	2	414	20
Balance of county	23	-	23	-	139	137	2	2	-	-	-	2	-	-
Poweshiek	472	447	25	-	209	109	101	12	83	-	-	12	43	40
Ringgold	47	15	30	-	75	75	-	-	-	-	-	-	-	-
Sac	209	182	16	-	100	86	12	-	10	-	-	-	3	7
Scott	2,805	2,888	17	-	1,075	482	593	40	539	-	-	33	513	33
Davenport	2,894	2,888	6	-	928	370	558	19	528	-	-	17	497	33
Balance of county	11	-	11	-	147	112	35	21	11	-	-	16	16	-
Shelby	279	165	114	-	106	90	16	6	9	-	-	-	6	9
Sioux	585	513	71	-	150	115	43	-	26	-	-	-	15	11
Story	1,136	1,136	16	-	283	151	132	17	115	2	-	125	5	-
Assess	1,115	1,115	-	-	157	45	112	-	112	2	-	109	1	-
Balance of county	39	20	18	-	126	106	20	17	3	-	-	16	4	-
Tama	141	101	34	5	158	139	19	10	-	-	-	10	-	-

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution ¹	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
IOWA—Continued														
Taylor	59	2	57	-	115	95	20	19	-	-	4	-	15	
Union	657	640	17	-	197	105	92	2	87	-	88	-	3	
Van Buren	60	1	59	-	81	78	3	3	-	-	3	-	-	
Wapello	1,475	1,410	61	-	553	287	266	18	223	1	18	214	6	
Wapello	1,436	1,409	26	-	441	197	244	-	220	-	-	214	6	
Balance of county	37	1	35	-	112	90	22	16	3	1	19	-	-	
Warren	221	151	70	-	135	113	22	-	20	-	-	-	20	
Washington	548	510	38	-	182	120	62	10	52	-	62	-	8	
Wayne	133	89	44	-	102	93	9	-	8	-	-	-	8	
Webster	1,780	1,742	36	-	514	195	319	17	302	-	11	143	165	
Fort Dodge	1,747	1,740	6	-	423	115	308	6	302	-	-	143	165	
Balance of county	33	2	30	-	91	80	11	11	-	-	11	-	-	
Winnebago	409	389	20	-	109	74	35	5	30	-	27	-	8	
Winnebago	435	419	16	-	222	130	92	16	76	-	11	6	75	
Woodbury	3,434	3,325	104	-	1,267	494	773	22	722	-	12	516	216	
Sioux City	3,327	3,292	33	-	1,135	370	765	15	722	-	5	516	216	
Balance of county	107	33	71	-	132	124	8	7	-	-	7	-	-	
Worth	24	-	24	-	69	60	9	7	-	-	7	-	-	
Wright	384	364	19	-	137	99	38	3	28	-	-	-	31	
KANSAS	43,151	39,909	3,115	6	18,784	9,648	9,136	1,078	7,858	460	1,025	1,351	4,261	1,839
Allen	475	440	35	-	280	191	69	2	57	-	2	-	57	
Anderson	188	175	13	-	112	71	41	24	4	-	-	-	28	
Atchison	412	398	12	-	259	147	112	11	100	-	5	89	17	
Atchison	403	398	3	-	182	91	91	3	87	-	-	89	1	
Balance of county	9	-	9	-	77	56	21	8	15	-	5	-	16	
Barber	253	226	25	-	86	37	49	-	48	-	-	-	48	
Barton	1,084	1,085	8	-	279	107	172	3	168	1	3	18	149	
Bourbon	562	531	29	-	270	116	154	11	142	2	2	141	10	
Fort Scott	537	531	6	-	221	68	153	10	142	-	1	141	10	
Balance of county	25	-	23	-	49	48	1	1	-	-	1	-	-	
Brown	261	238	22	-	162	117	45	10	35	-	10	-	35	
Butler	525	504	20	-	262	139	123	-	123	-	-	-	123	
El Dorado	505	504	1	-	173	50	123	-	123	-	-	-	123	
Balance of county	20	-	19	-	89	89	-	-	-	-	-	-	-	
Chase	64	54	9	-	32	32	-	-	-	-	-	-	-	
Chautauqua	117	75	44	-	48	32	16	2	7	-	-	-	9	
Cherokee	398	249	133	1	240	188	52	12	39	-	51	-	19	
Cheyenne	139	136	3	-	42	23	19	-	19	-	-	-	9	
Clark	127	122	4	-	29	20	9	-	9	-	-	-	9	
Clay	300	293	7	-	169	121	48	-	47	-	47	-	14	
Cloud	598	573	24	-	248	115	133	13	118	-	2	129	-	
Coffey	100	4	96	-	86	85	1	-	-	-	-	-	-	
Comanche	9	1	8	-	19	19	-	-	-	-	-	-	-	
Cowley	924	903	21	-	446	199	247	59	188	-	38	91	65	
Arkansas City	372	365	7	-	146	63	63	-	63	-	-	65	55	
Balance of county	552	538	14	-	300	116	184	59	125	-	38	91	65	
Crawford	931	808	114	-	516	294	222	9	211	-	54	-	166	
Pittsburg	40	1	34	-	166	145	21	-	20	-	-	-	20	
Balance of county	891	807	80	-	350	149	201	9	191	-	54	-	148	
Decatur	101	101	-	-	49	35	14	-	14	-	-	-	14	
Dickinson	451	408	21	-	253	154	99	15	84	-	67	32	1	
Doniphan	136	22	112	-	73	72	1	-	1	-	-	-	1	
Douglas	913	891	21	1	300	171	129	-	122	3	118	-	1	
Lawrence	885	891	4	-	232	105	127	-	120	3	118	-	1	
Balance of county	18	-	17	1	68	66	2	-	2	-	2	-	-	
Edwards	11	-	11	-	39	39	-	-	-	-	-	-	-	
Ellis	13	-	13	-	40	39	2	2	-	-	2	-	-	
Ellis	986	988	8	-	179	48	131	-	131	-	-	131	-	
Ellsworth	210	198	12	-	103	55	48	6	42	-	6	-	42	
Finney	775	766	7	-	126	43	83	-	82	-	-	82	-	
Ford	825	815	10	-	300	82	218	35	182	-	3	120	94	
Franklin	497	468	29	-	239	128	111	7	98	-	103	-	3	
Ottawa	481	468	13	-	178	71	107	4	99	-	100	-	3	
Balance of county	16	-	16	-	61	57	4	3	-	-	3	-	-	
Geary	564	564	-	-	140	54	86	-	84	10	74	-	-	
Gove	135	127	8	-	31	15	16	-	16	-	-	16	-	
Graham	28	-	28	-	24	24	-	-	-	-	-	-	-	
Grant	1	-	1	-	14	14	-	-	-	-	-	-	-	
Gray	16	-	16	-	15	15	-	-	-	-	-	-	-	
Greeley	25	19	6	-	10	9	1	-	-	-	-	-	37	
Greenwood	252	228	23	-	125	84	41	1	37	-	1	-	37	
Hamilton	130	129	1	-	38	15	23	-	22	-	22	-	-	
Harper	270	266	2	-	105	43	62	-	62	-	-	1	61	
Harvey	709	702	5	-	300	65	235	2	232	-	-	149	85	
Newton	629	628	1	-	179	35	144	2	141	-	-	58	85	
Balance of county	80	74	4	-	121	30	91	-	91	-	-	91	-	
Haskell	3	-	3	-	10	10	-	-	-	-	-	-	-	
Hodgeman	1	-	1	-	9	9	-	-	-	-	-	-	-	
Jackson	212	207	5	-	135	102	33	2	25	-	2	24	1	
Jefferson	60	-	58	1	105	104	1	-	-	-	-	-	-	
Jewell	20	-	20	-	79	78	1	1	-	-	1	-	-	
Johnson	216	157	57	-	265	231	34	7	19	1	7	-	18	
Kearny	41	41	-	-	23	17	6	-	6	-	6	-	-	
Kingman	228	218	8	-	75	46	29	-	29	-	27	-	2	
Kiowa	27	10	17	-	16	16	-	-	-	-	-	-	-	
Labette	748	613	131	-	392	188	204	50	152	-	45	25	132	
Parsons	31	8	23	-	153	83	70	46	22	-	45	1	22	
Balance of county	717	605	108	-	239	105	134	4	130	-	24	110	-	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS								
	Total ¹	Attended by—					Total	Total	Type of institution		Type of control				
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary
KANSAS—Continued															
Lane	6	-	5	-	5	5	-	-	-	-	-	-	-	-	
Leavenworth	899	875	19	2	659	163	486	26	468	284	17	17	89	87	
Leavenworth	691	688	2	1	302	107	185	6	187	-	-	117	89	87	
Balance of county	208	187	17	1	357	56	301	20	281	284	17	-	-	-	
Lincoln	30	1	29	-	45	43	2	2	-	-	-	2	-	-	
Lincoln	106	1	104	-	101	96	5	5	-	-	-	-	-	5	
Logan	10	-	10	-	14	14	-	-	-	-	-	-	-	-	
Lyons	856	843	12	-	320	121	199	1	197	-	-	117	81	-	
Lyons	945	843	2	-	274	78	198	1	197	-	-	116	81	-	
Balance of county	11	-	10	-	46	45	1	1	-	-	-	1	-	-	
McPherson	475	470	5	-	182	99	83	4	73	-	-	51	26	2	
Marion	545	519	26	-	153	89	64	5	59	-	-	1	61	2	
Marshall	408	374	30	-	105	137	48	3	40	-	-	3	-	40	
Meade	81	63	18	-	31	26	5	-	4	-	-	-	3	1	
Mitchell	300	253	87	-	303	108	195	152	36	-	148	6	1	35	
Mitchell	415	408	7	-	161	89	72	2	69	-	-	2	69	-	
Montgomery	1,278	1,155	141	-	532	336	198	4	179	-	-	4	115	64	
Montgomery	626	658	66	-	164	109	55	-	55	-	-	-	-	55	
Coffeyville	540	531	9	-	192	72	120	-	114	-	-	-	114	-	
Independence	112	46	66	-	176	155	21	4	10	-	-	4	1	9	
Balance of county	108	87	21	-	87	82	25	-	16	-	-	-	-	16	
Morris	70	65	5	-	11	4	7	-	7	-	-	-	-	7	
Morton	386	353	32	-	144	69	75	-	74	-	-	7	67	-	
Nemaha	416	316	100	-	215	151	64	2	59	-	-	2	-	59	
Neosho	346	316	30	-	136	78	62	-	59	-	-	-	-	59	
Chanute	133	-	70	-	77	75	2	2	-	-	-	2	-	-	
Balance of county	70	3	-	-	39	33	6	-	6	-	-	6	-	-	
Ness	289	280	9	-	175	45	130	-	130	-	105	25	-	-	
Norton	70	3	65	-	118	110	8	6	-	-	-	6	-	-	
Osage	99	60	39	-	67	65	2	-	1	-	-	-	-	1	
Osborne	34	-	33	-	65	62	3	1	-	-	-	1	-	-	
Ottawa	111	110	1	-	184	28	156	125	31	-	125	-	19	12	
Pawnee	121	32	88	-	69	66	3	3	-	-	-	-	-	3	
Phillips	265	255	10	-	136	89	47	1	46	-	-	23	1	23	
Pottawatomie	294	290	4	-	109	66	43	-	43	-	-	-	-	43	
Pratt	15	12	3	-	26	27	1	-	-	-	-	-	-	-	
Ravenna	1,274	1,248	25	-	454	209	245	2	231	-	1	1	231	-	
Reno	1,253	1,248	5	-	352	119	233	1	231	-	1	-	231	-	
Hutchinson	21	-	20	-	102	90	12	1	-	-	-	1	-	-	
Balance of county	216	197	20	-	104	75	29	-	29	-	-	-	-	29	
Republic	541	330	11	-	116	66	50	2	45	-	-	14	36	-	
Rice	722	722	-	-	167	71	96	8	86	-	-	-	92	2	
Riley	722	722	-	-	134	48	88	2	86	-	-	-	86	2	
Manhattan	82	-	33	-	25	8	6	-	-	-	-	-	6	-	
Balance of county	94	80	14	-	55	26	29	-	29	-	-	-	-	29	
Rooks	269	261	8	-	77	47	30	-	29	-	-	29	-	-	
Rush	1,222	1,203	19	-	352	149	203	-	203	5	-	-	87	111	
Russell	1,061	1,049	12	-	311	113	198	-	198	-	-	-	87	111	
Salina	161	154	7	-	41	36	5	-	5	5	-	-	-	-	
Balance of county	32	3	29	-	15	14	1	-	1	-	-	-	1	-	
Scott	5,993	5,835	140	-	1,762	636	1,126	48	1,046	74	-	129	859	32	
Sedgewick	5,822	5,729	85	-	1,484	489	995	44	922	74	-	5	859	28	
Wichita	171	106	59	-	278	147	131	4	124	-	-	124	-	4	
Balance of county	442	438	4	-	102	33	69	-	69	-	-	-	69	-	
Seward	2,671	2,514	144	1	1,351	539	812	309	498	86	190	21	510	-	
Shawnee	2,629	2,514	104	1	922	433	489	25	459	-	1	2	461	-	
Topeka	42	-	40	-	429	108	323	284	39	86	109	19	29	-	
Balance of county	20	16	4	-	21	19	2	-	2	-	-	-	-	-	
Emeridon	526	324	2	-	59	21	38	-	38	-	-	-	38	-	
Ehrman	185	161	22	-	97	85	12	-	9	-	-	-	-	9	
Smith	170	170	-	-	73	29	44	-	44	-	-	44	-	-	
Stafford	1	-	1	-	8	8	-	-	-	-	-	-	-	-	
Stanton	13	-	13	-	8	8	-	-	-	-	-	-	-	-	
Stevens	440	419	20	-	235	137	98	5	92	-	-	5	80	12	
Summer	371	367	4	-	73	25	48	-	48	-	-	-	48	-	
Thomas	6	-	6	-	25	25	-	-	-	-	-	-	-	-	
Trego	35	-	32	-	54	54	-	-	-	-	-	-	-	-	
Wabunsee	4	-	4	-	8	8	-	-	-	-	-	-	-	-	
Wallace	35	4	29	-	81	77	4	2	2	-	-	-	-	4	
Washington	10	2	7	-	8	8	-	-	-	-	-	-	-	-	
Wichita	289	215	72	-	170	121	49	7	42	-	-	49	-	-	
Wilson	64	19	42	-	58	58	-	-	-	-	-	-	-	-	
Woodson	4,142	3,868	261	-	1,898	803	1,095	69	1,020	-	345	66	678	-	
Wyandotte	4,121	3,667	249	-	1,726	696	1,030	4	1,020	-	345	1	678	-	
Kansas City	21	1	12	-	172	107	65	65	-	-	-	65	-	-	
Balance of county	79,009	44,208	29,839	5,407	28,003	19,394	8,609	861	7,594	406	738	2,005	3,220	2,085	
KENTUCKY															
Adair	381	2	351	21	135	135	-	-	-	-	-	-	-	14	
Allen	328	125	198	4	147	133	14	-	14	-	-	-	-	-	
Anderson	116	-	113	-	73	73	-	-	-	-	-	-	-	-	
Ballard	72	-	72	-	80	80	-	-	-	-	-	-	-	-	
Barren	1,020	756	244	20	369	226	163	-	163	-	-	-	163	-	
Bath	150	-	144	6	99	99	-	-	-	-	-	-	-	-	
Bell	1,672	942	592	132	456	287	169	-	169	-	-	1	6	162	
Middlesborough	691	614	73	4	183	81	102	-	102	-	-	1	6	101	
Balance of county	981	328	519	128	273	206	67	-	67	-	-	-	6	61	
Boone	106	-	107	1	111	111	-	-	-	-	-	-	-	-	
Bourbon	433	297	135	-	214	153	61	-	61	-	-	61	-	-	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary	
KENTUCKY—Continued													
Boyd	1,504	1,363	117	20	386	228	158	-	158	-	-	168	
Ashland	1,436	1,361	74	1	308	150	158	-	158	-	-	158	
Balance of county	68	2	43	19	78	78	-	-	-	-	-	-	
Boyle	653	560	93	-	266	144	122	55	67	55	-	67	
Bracken	87	1	66	-	83	82	1	1	-	-	1	-	
Breathitt	503	-	187	313	84	84	-	-	-	-	-	-	
Breckinridge	384	-	376	7	152	152	-	-	-	-	-	-	
Bullitt	167	1	161	5	75	75	-	-	-	-	-	-	
Butler	251	-	174	77	104	104	-	-	-	-	-	-	
Caldwell	321	165	153	3	144	137	7	-	7	-	7	-	
Calloway	546	403	143	-	182	126	56	-	56	-	-	16	
Campbell	960	765	105	-	720	525	195	3	191	6	188	-	
Newport	52	1	51	-	246	244	2	-	1	-	1	-	
Fort Thomas	6	-	6	-	80	74	6	-	6	6	-	-	
Balance of county	810	764	46	-	394	207	187	3	184	-	187	-	
Carlisle	71	-	71	-	40	40	-	-	-	-	-	-	
Carroll	137	2	135	-	73	73	-	-	-	-	-	-	
Carters	737	180	391	161	150	124	26	-	26	-	-	25	
Cass	458	1	381	63	129	129	-	-	-	-	-	-	
Christian	396	548	286	61	760	374	386	196	183	71	198	73	
Hopkinsville	539	486	102	11	306	187	119	-	112	-	-	73	
Balance of county	297	62	184	50	454	187	267	196	71	71	196	-	
Clark	481	308	181	2	235	154	81	-	81	-	72	9	
Clay	1,086	708	91	255	114	100	14	-	10	-	10	-	
Clinton	422	204	189	29	65	50	15	-	15	-	-	15	
Crittenden	296	166	130	-	115	85	30	-	29	-	-	29	
Cumberland	174	-	109	57	72	72	-	-	-	-	-	-	
Daviess	1,930	1,396	524	9	656	383	273	-	248	-	237	11	
Owensboro	1,623	1,396	226	-	513	240	273	-	248	-	237	11	
Balance of county	307	-	298	9	143	143	-	-	-	-	-	-	
Edmonson	206	1	170	34	70	70	-	-	-	-	-	-	
Elliot	169	-	123	45	30	30	-	-	-	-	-	-	
Estill	357	16	240	97	104	96	8	-	-	-	-	-	
Fayette	2,856	2,587	268	-	1,403	561	842	263	569	70	193	26	
Lexington	2,787	2,587	199	-	1,163	396	767	193	564	1	192	26	
Balance of county	69	-	69	-	240	165	75	70	5	69	1	2	
Fleming	222	-	212	10	134	134	-	-	-	-	-	-	
Floyd	1,692	470	935	285	331	243	88	-	87	-	-	86	
Franklin	723	676	47	-	270	160	110	7	98	7	1	87	
Frankfort	704	676	28	-	197	87	110	7	98	7	1	87	
Balance of county	19	-	19	-	73	73	-	-	-	-	-	-	
Fulton	531	360	138	33	202	103	99	-	99	-	-	99	
Gallatin	65	-	64	-	45	45	-	-	-	-	-	-	
Garrard	96	-	91	5	77	77	-	-	-	-	-	-	
Grant	164	-	164	-	91	91	-	-	-	-	-	-	
Graves	712	541	169	2	289	232	57	-	54	-	-	54	
Grayson	353	-	303	49	149	149	-	-	-	-	-	-	
Green	240	-	230	8	91	91	-	-	-	-	-	-	
Greene	395	-	334	55	140	140	-	-	-	-	-	-	
Hancock	93	-	93	-	44	44	-	-	-	-	-	-	
Hardin	1,037	518	512	5	266	218	48	-	48	48	-	-	
Harlan	2,404	800	1,547	47	502	373	129	-	129	-	-	9	
Harrison	323	285	58	-	153	106	47	4	43	-	-	43	
Hart	344	-	341	3	110	110	-	-	-	-	-	-	
Henderson	733	516	215	-	342	242	100	-	100	-	-	100	
Henderson	598	516	82	-	234	134	100	-	100	-	-	100	
Balance of county	135	-	134	-	108	108	-	-	-	-	-	-	
Henry	117	1	115	1	113	113	-	-	-	-	-	-	
Hickman	127	33	94	-	72	62	10	-	6	-	-	6	
Hopkins	926	510	405	10	398	331	67	-	63	-	-	63	
Jackson	266	1	171	91	66	66	-	-	-	-	-	-	
Jefferson	13,602	12,365	1,233	2	5,712	2,872	2,840	303	2,510	211	263	848	
Louisville	13,513	12,365	945	1	4,594	2,395	2,199	7	2,165	1	1	686	
Balance of county	289	-	288	1	1,118	477	641	296	345	210	262	162	
Jesse	115	1	113	1	94	94	-	-	-	-	-	-	
Johnson	958	727	138	90	215	136	79	-	79	-	-	79	
Kenton	3,743	3,597	145	1	1,243	624	619	9	609	-	9	154	
Covington	3,664	3,596	67	1	1,025	406	619	9	609	-	9	154	
Balance of county	79	1	78	-	218	218	-	-	-	-	-	-	
Knott	654	99	342	212	76	65	11	-	11	-	-	11	
Knox	679	109	594	170	234	212	22	-	21	-	-	21	
Larus	240	56	178	5	98	96	-	-	-	-	-	-	
Lamar	739	204	431	101	183	158	27	-	15	-	-	15	
Lawrence	472	262	128	75	140	106	34	-	34	-	-	34	
Lee	147	1	71	74	54	54	-	-	-	-	-	-	
Leslie	498	168	42	180	69	55	14	-	14	-	-	14	
Letcher	1,505	236	1,083	181	269	210	59	-	59	-	-	59	
Lewis	377	-	287	90	121	121	-	-	-	-	-	-	
Lincoln	545	155	349	40	183	169	14	-	13	-	-	13	
Livingston	92	-	87	5	77	77	-	-	-	-	-	-	
Logan	506	185	317	2	253	219	34	-	12	-	12	-	
Lyon	98	-	94	4	80	74	6	-	6	-	6	-	
McCracken	1,492	1,184	305	3	627	394	243	-	240	-	-	169	
Paducah	1,375	1,184	189	2	529	285	243	-	240	-	-	169	
Balance of county	117	-	116	1	98	98	-	-	-	-	-	-	
McCreary	435	-	294	141	64	64	-	-	-	-	-	-	
McLean	162	-	149	7	84	84	-	-	-	-	-	-	
Madison	1,083	925	141	16	325	182	143	-	143	-	-	100	
Magoffin	394	-	301	88	58	58	-	-	-	-	-	43	
Marion	955	678	283	14	175	128	47	-	47	-	-	47	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non- profit	Pro- prietary		
KENTUCKY—Continued														
Marshall	148	-	148	-	92	92	-	-	-	-	-	-		
Martin	308	-	192	115	59	59	-	-	-	-	-	-		
Mason	880	709	149	2	288	168	120	-	-	120	-	-		
Meade	189	26	163	-	55	55	-	-	-	-	-	-		
Menifee	206	117	82	27	52	34	18	-	-	-	18	-		
Mercer	343	299	44	-	158	131	27	-	-	27	-	-		
Metcalfe	194	-	186	6	88	88	-	-	-	-	-	-		
Momroe	361	-	337	23	94	94	-	-	-	-	-	-		
Montgomery	500	323	166	11	143	109	34	-	-	34	-	34		
Morgan	367	37	243	67	94	89	5	-	-	-	-	-		
Muhlenberg	981	521	429	30	316	221	95	-	-	95	-	95		
Nelson	468	5	463	-	156	150	6	6	-	-	-	6		
Nicholas	115	62	53	-	98	82	16	-	-	15	-	-		
Ohio	476	112	348	15	175	174	1	-	-	1	-	1		
Oldham	297	261	36	-	116	60	56	7	-	49	-	49		
Owen	97	1	96	-	88	88	-	-	-	-	-	-		
Owsley	159	-	36	117	29	29	-	-	-	-	-	-		
Pendleton	126	1	125	-	92	92	-	-	-	-	-	-		
Perry	1,743	395	1,051	262	353	203	150	-	-	147	-	53		
Pike	2,540	984	1,003	545	515	385	130	1	-	129	-	129		
Powell	185	-	157	25	50	50	-	-	-	-	-	-		
Pulaski	1,344	643	578	122	350	274	76	-	-	76	-	-		
Robertson	51	-	51	-	23	23	-	-	-	-	-	-		
Rockcastle	329	-	200	125	70	70	-	-	-	-	-	-		
Rovap	309	-	236	72	72	72	-	-	-	-	-	-		
Russell	197	-	184	11	86	86	-	-	-	-	-	-		
Scott	316	249	66	1	161	119	42	-	-	42	-	-		
Shelby	506	418	87	1	159	120	39	-	-	-	-	4		
Simpson	309	224	78	6	119	88	31	-	-	30	-	30		
Spencer	135	-	135	-	35	35	-	-	-	-	-	-		
Taylor	253	-	245	4	106	106	-	-	-	-	-	-		
Todd	186	-	174	12	122	122	-	-	-	-	-	-		
Trigg	230	123	92	14	92	88	4	-	-	2	-	2		
Trimble	83	-	62	1	30	30	-	-	-	-	-	-		
Union	381	159	223	-	137	117	20	-	-	20	-	16		
Warren	1,159	816	326	17	412	314	98	-	-	97	-	92		
Bowling Green	923	612	110	1	241	152	89	-	-	88	-	88		
Balance of county	236	4	216	16	171	162	9	-	-	6	-	6		
Washington	163	-	157	5	82	82	-	-	-	-	-	-		
Wayne	482	1	399	80	83	83	-	-	-	-	-	-		
Webster	280	66	213	1	149	143	6	-	-	6	-	6		
Whitley	875	252	553	67	211	183	28	-	-	26	-	28		
Wolfe	227	22	126	77	63	62	1	-	-	1	-	1		
Woodford	247	223	24	-	97	58	38	-	-	38	-	38		
LOUISIANA	74,415	55,675	6,735	11,964	25,712	15,529	10,183	783	9,056	534	4,655	149	2,424	2,077
Acadia	1,527	1,106	147	271	358	275	83	-	-	82	-	-	82	
Allen	600	492	64	43	169	119	50	-	-	46	-	-	46	
Ascension	634	332	172	129	160	150	10	-	-	10	-	-	10	
Assumption	446	162	142	142	126	120	6	-	-	6	-	-	6	
Avoyelles	980	560	135	285	222	189	33	-	-	28	-	-	28	
Beauregard	526	353	135	38	122	86	36	-	-	35	-	-	35	
Bienville	335	72	110	153	141	136	5	-	-	5	-	-	5	
Bossier	509	280	27	202	140	129	11	-	-	11	-	-	11	
Caddo	6,066	5,689	53	321	1,965	743	1,222	1	-	1,171	-	-	139	
Shreveport	5,602	5,475	37	87	1,688	508	1,180	1	-	1,141	-	-	138	
Balance of parish	464	214	168	278	277	235	42	-	-	30	-	-	30	
Calcasieu	2,339	1,873	168	278	586	377	209	-	-	158	-	-	157	
Lake Charles	1,777	1,570	42	165	382	217	165	-	-	142	-	-	141	
Balance of parish	562	303	146	113	204	160	44	-	-	16	-	-	16	
Caldwell	244	135	51	58	77	65	14	-	-	14	-	-	14	
Cameron	64	-	62	2	35	35	-	-	-	-	-	-	-	
Catahoula	215	69	33	113	67	65	4	-	-	-	-	-	-	
Claiborne	443	126	32	285	164	150	14	-	-	14	-	-	14	
Concordia	387	174	6	206	119	98	21	-	-	21	-	-	21	
De Soto	603	199	35	367	178	162	16	-	-	5	-	-	4	
East Baton Rouge	3,964	3,160	85	700	976	594	382	1	-	391	41	-	341	
Baton Rouge	1,062	897	14	151	309	212	97	-	-	97	-	-	97	
Balance of parish	2,902	2,263	69	549	667	382	285	1	-	284	41	-	244	
East Carroll	445	37	146	262	120	116	4	-	-	4	-	-	3	
East Feliciana	390	126	32	232	503	104	399	369	-	30	369	-	30	
Evangeline	656	392	88	176	218	142	76	-	-	63	-	-	63	
Franklin	910	466	141	303	171	128	43	-	-	33	-	-	33	
Grant	70	-	37	33	61	61	-	-	-	-	-	-	-	
Iberia	1,086	631	288	166	328	275	53	-	-	53	-	-	53	
New Iberia	664	570	72	42	177	124	53	-	-	53	-	-	53	
Balance of parish	402	61	216	124	151	151	-	-	-	-	-	-	-	
Iberville	749	400	62	287	260	210	50	-	-	50	14	-	36	
Jackson	487	376	25	96	109	85	24	-	-	24	-	-	9	
Jefferson	249	54	143	52	452	328	124	-	-	85	-	-	85	
Gretna	20	-	15	5	59	59	-	-	-	-	-	-	-	
Balance of parish	229	54	128	47	393	269	124	-	-	65	-	-	65	
Jefferson Davis	802	481	185	136	177	129	48	-	-	24	-	-	24	
Lafayette	2,215	1,764	234	217	588	263	325	-	-	325	-	-	325	
Lafayette	1,927	1,722	107	98	490	159	321	-	-	321	-	-	321	
Balance of parish	288	42	127	119	108	104	4	-	-	4	-	-	4	
Lafourche	1,150	752	141	256	219	173	46	-	-	36	-	-	36	
La Salle	343	281	43	19	69	54	15	-	-	5	-	-	5	
Lincoln	660	422	66	171	167	109	58	-	-	50	-	-	50	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary		
LOUISIANA—Continued														
Livingston	322	49	217	56	97	94	3	1	-	-	-	1	-	-
Madison	460	137	25	298	155	125	8	-	8	-	-	-	-	8
Morehouse	854	465	164	225	251	176	55	-	55	-	-	-	39	17
Natchitoches	1,085	484	124	477	285	227	58	-	58	-	-	-	-	58
Orleans, coextensive with New Orleans	20,999	20,559	254	194	7,419	2,989	4,430	210	4,199	278	2,347	82	1,422	270
Ouachita	2,582	2,284	125	172	902	350	552	7	542	-	321	11	169	48
Monroe	1,497	1,555	60	82	471	197	274	6	265	-	55	1	167	48
Balance of parish	1,085	929	65	90	451	153	278	1	277	-	266	10	2	-
Flaguamines	165	165	54	64	94	86	8	-	7	-	-	-	7	-
Poite Coupee	636	245	151	260	198	158	30	-	20	-	-	-	20	-
Rapides	3,154	2,944	71	236	1,367	397	980	177	802	230	532	-	177	40
Alexandria	1,524	1,441	27	55	359	154	205	-	205	1	2	-	177	25
Balance of parish	1,403	1,403	44	181	1,008	233	775	177	597	229	530	-	-	15
Red River	213	56	49	108	92	80	12	-	11	-	-	1	-	10
Richland	709	316	251	162	172	161	11	-	7	-	-	-	-	7
Sabine	589	416	67	105	121	85	36	-	36	-	-	-	-	36
St. Bernard	3	-	1	1	40	39	1	-	-	-	-	-	-	-
St. Charles	49	-	5	43	75	75	-	-	-	-	-	-	-	-
St. Helena	90	-	15	75	45	45	-	-	-	-	-	-	-	-
St. James	396	44	204	148	117	117	-	-	-	-	-	-	-	-
St. John the Baptist	179	2	93	84	98	98	-	-	-	-	-	-	-	-
St. Landry	2,031	810	309	912	492	417	65	1	65	-	-	-	1	63
St. Martin	703	406	107	189	189	163	26	-	-	-	-	-	26	26
St. Mary	1,053	455	286	511	264	225	41	-	41	-	-	2	-	39
St. Tammany	259	32	95	132	162	157	5	1	2	-	-	-	1	2
Tangipahoa	1,280	819	220	241	402	303	99	-	92	-	65	-	-	29
Tensas	244	39	16	189	107	106	1	-	1	-	-	1	-	-
Terrebonne	1,115	861	87	166	242	196	46	-	45	-	-	-	-	45
Union	326	117	98	121	96	94	2	-	-	-	-	-	-	-
Vermilion	924	745	78	101	218	159	57	-	57	-	-	-	-	57
Vernon	470	324	61	85	153	105	48	-	44	-	-	16	-	28
Washington	1,214	872	164	178	281	161	120	-	110	-	40	1	-	89
Bogalusa	905	796	55	54	191	77	114	-	110	-	40	1	-	69
Balance of parish	309	76	109	124	90	84	6	-	-	-	-	-	-	-
Webster	1,016	771	62	182	248	181	67	-	61	-	-	-	-	61
West Baton Rouge	130	-	30	98	93	93	-	-	-	-	-	-	-	-
West Carroll	406	103	193	110	85	72	13	-	-	-	-	-	-	-
West Feliciana	172	-	28	144	84	69	15	15	-	-	15	-	-	-
Winn	366	271	15	80	95	82	13	-	10	-	-	-	-	10
MAINE	23,556	21,019	2,464	5	9,966	5,909	4,057	425	3,331	148	332	183	1,902	1,189
Androscoggin	2,529	2,359	170	-	908	425	478	57	392	-	-	3	365	81
Lewiston	2,289	2,211	58	-	577	162	415	37	374	-	-	2	360	49
Auburn	13	-	13	-	143	86	57	19	18	-	-	-	5	32
Balance of county	247	148	99	-	165	177	6	1	-	-	-	1	-	-
Aroostook	2,785	1,804	874	2	765	495	270	-	270	-	7	46	112	105
Cumberland	4,613	4,521	89	-	1,859	931	927	37	823	12	20	81	635	112
Portland	3,640	3,622	17	-	1,142	395	747	12	711	12	-	80	611	20
South Portland	-	-	-	-	113	92	21	3	-	-	-	-	-	3
Westbrook	239	239	3	-	102	75	27	-	24	-	-	-	24	-
Balance of county	734	665	69	-	501	369	132	22	88	-	20	1	-	88
Franklin	485	419	74	1	188	141	47	1	34	-	1	-	34	-
Hancock	889	616	79	-	378	294	84	-	75	-	-	-	41	34
Kennebec	2,456	2,379	73	-	1,178	513	665	158	471	108	132	-	112	278
Augusta	812	807	3	-	316	101	215	131	83	-	131	-	-	83
Waterville	1,142	1,131	11	-	244	101	143	1	141	-	-	-	-	141
Balance of county	502	441	59	-	618	311	307	26	247	109	1	-	112	163
Knox	726	647	79	-	363	266	97	20	73	-	-	3	-	97
Lincoln	359	314	41	-	218	151	67	1	60	-	-	-	1	60
Oxford	869	809	56	-	390	290	100	1	84	-	18	-	49	18
Penobscot	3,194	2,875	310	-	1,533	726	607	145	440	-	117	22	343	100
Bangor	2,020	1,986	34	-	736	197	539	141	386	-	117	20	343	46
Balance of county	1,174	889	276	-	597	529	68	2	54	-	-	2	-	54
Piscataquis	535	486	49	-	184	135	49	-	54	-	-	24	-	54
Sagadahoc	490	448	31	-	222	145	77	1	65	-	-	-	9	65
Bath	430	416	14	-	148	74	74	1	63	-	-	-	-	63
Balance of county	50	32	17	-	74	71	3	-	2	-	-	-	-	2
Somerset	774	672	97	2	440	315	127	1	125	-	37	1	12	76
Waldo	348	209	134	-	289	201	58	1	54	-	-	-	34	20
Washington	679	427	241	-	364	272	92	1	82	-	-	1	-	82
York	2,005	1,934	71	-	923	611	312	4	249	27	-	-	116	109
Biddeford	929	811	18	-	206	100	106	1	105	-	-	-	9	97
Balance of county	1,076	1,023	53	-	717	511	206	3	144	27	-	1	107	12
MARYLAND	54,917	44,593	7,897	2,386	22,993	13,106	9,877	998	8,556	717	1,594	1,623	4,095	1,525
Allgey	3,114	2,918	189	3	1,045	532	515	26	485	-	84	282	141	4
Cumberland	2,424	2,376	48	-	854	243	421	25	399	-	1	279	141	-
Balance of county	690	542	141	3	381	289	92	3	67	-	83	3	-	4
Anne Arundel	1,841	1,232	394	212	758	496	262	150	111	25	146	3	-	-
Annapolis	1,057	979	32	44	220	121	99	1	97	12	-	-	87	-
Balance of county	784	253	362	188	538	375	163	149	14	13	146	3	1	-
Baltimore	1,170	10	1,145	14	1,671	1,132	539	231	300	180	200	8	47	86
District 12 ⁵	294	1	247	5	89	88	1	-	1	-	-	-	-	1
District 13 ⁵	35	-	35	-	76	69	8	1	7	-	-	-	-	8
Balance of county	895	9	863	9	1,506	976	530	230	292	190	200	8	47	77
Baltimore (city)	51,235	27,413	3,173	649	11,501	5,948	5,553	213	5,184	154	597	842	2,961	923
Calvert	343	203	57	83	127	105	24	-	24	-	-	-	-	24

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
MARYLAND—Continued													
Caroline	155	-	79	76	181	176	5	-	-	-	-	-	
Carroll	273	2	266	2	717	336	381	185	189	-	375	1	
Cecil	638	510	126	1	392	250	142	57	82	62	-	-	
Charles	550	216	35	297	146	110	36	-	36	2	-	-	
Dorchester	575	418	55	102	391	265	106	46	60	-	46	60	
Cambridge	509	418	20	71	201	124	77	17	60	-	17	60	
Balance of county	66	-	35	31	190	161	29	29	-	-	28	-	
Frederick	1,691	1,319	363	5	756	393	363	16	265	-	95	70	
Frederick	1,110	1,082	28	-	311	112	199	8	112	-	6	9	
Balance of county	581	237	335	5	445	281	164	8	153	-	89	61	
Garrett	306	1	200	102	177	167	10	10	-	-	-	10	
Harford	1,450	1,218	228	1	403	283	120	10	104	11	-	5	
Howard	168	-	164	3	133	129	4	-	4	-	-	4	
Kent	372	259	82	31	164	134	30	2	27	-	-	27	
Montgomery	3,547	3,294	206	40	1,122	524	598	2	582	263	-	111	
Prince Georges	1,665	1,354	159	141	964	530	434	11	418	-	1	306	
Queen Annes	122	-	93	28	139	129	10	6	-	-	-	3	
St. Marys	901	660	106	134	163	118	45	-	45	10	-	35	
Somerset	353	189	55	108	220	194	28	-	26	-	26	-	
Talbot	707	553	48	106	276	166	110	1	107	-	-	107	
Washington	1,974	1,545	421	8	775	455	320	27	274	-	15	15	
Hagerstown	1,624	1,554	90	-	521	229	292	12	259	-	15	271	
Balance of county	350	11	331	8	254	226	28	15	5	-	15	5	
Wicomico	1,477	1,279	116	81	552	306	246	5	233	-	11	227	
Salisbury	1,343	1,279	33	30	364	122	242	5	230	-	9	226	
Balance of county	134	-	83	51	188	184	4	-	3	-	2	1	
Worcester	290	-	129	159	210	210	-	-	-	-	-	-	
MASSACHUSETTS													
	108,494	106,166	2,299	-	51,824	25,188	26,636	4,113	21,472	668	3,067	6,623	
Barnstable	691	645	44	-	476	532	144	6	128	-	-	29	
Berkshire	3,410	3,346	64	-	1,418	868	550	8	500	-	-	27	
Pittsfield	2,051	2,059	12	-	858	282	376	2	362	-	-	1	
Adams (town)	398	383	5	-	151	108	43	2	26	-	-	26	
North Adams	616	595	21	-	266	189	77	2	71	-	-	54	
Balance of county	355	329	26	-	343	229	54	2	41	-	-	43	
Bristol	9,002	8,503	498	-	4,474	2,482	1,992	557	1,398	-	247	283	
Fall River	3,724	3,497	227	-	1,555	731	824	221	601	-	-	402	
New Bedford	2,251	2,095	156	-	1,266	774	492	67	422	-	-	48	
Taunton	889	869	19	-	603	227	376	250	116	-	247	1	
Attleboro	1,100	1,087	13	-	347	148	199	3	195	-	-	21	
Fairhaven (town)	12	-	12	-	94	83	11	2	-	-	-	2	
North Attleborough (town)	74	68	6	-	90	87	3	1	1	-	-	2	
Balance of county	952	887	65	-	519	432	87	13	63	-	-	48	
Dukes	119	118	1	-	101	55	46	-	44	4	-	40	
Essex	11,658	11,423	235	-	5,981	5,105	2,776	453	2,168	-	278	697	
Beverly	1,068	1,066	2	-	342	167	175	9	149	-	-	5	
Beverly Hills	1,189	1,148	41	-	651	256	395	51	339	-	-	300	
Lawrence	2,471	2,436	35	-	928	500	428	25	401	-	-	166	
Lynn	2,770	2,723	47	-	1,073	594	479	5	425	-	-	6	
Salem	1,448	1,425	23	-	575	281	294	3	287	-	1	4	
Amesbury (town)	317	313	4	-	123	64	59	14	45	-	-	42	
Andover (town)	5	1	4	-	72	61	11	1	10	-	-	11	
Danvers (town)	80	75	5	-	362	70	292	277	8	-	275	8	
Gloucester	649	629	20	-	284	155	129	10	108	-	-	5	
Marblehead (town)	96	96	-	-	95	65	30	-	30	-	-	50	
Methuen (town)	507	498	9	-	197	145	52	19	25	-	-	2	
Newburyport	452	443	9	-	235	75	160	3	151	-	-	1	
Peabody	387	385	2	-	208	106	102	1	92	-	-	86	
Saugus (town)	2	-	2	-	124	99	25	-	16	-	-	16	
Swampscott (town)	1	-	1	-	90	89	1	-	-	-	-	-	
Balance of county	216	187	29	-	522	378	144	35	83	-	-	43	
Franklin	1,136	1,096	40	-	556	330	228	2	207	-	-	3	
Greenfield (town)	840	838	2	-	219	83	136	-	135	-	-	3	
Balance of county	296	258	38	-	339	247	92	2	72	-	-	74	
Hampden	9,209	9,108	99	-	3,721	1,876	1,845	190	1,608	2	112	142	
Springfield	5,615	5,575	38	-	1,958	881	1,077	73	970	-	-	93	
Chicopee	22	-	22	-	234	199	35	32	2	2	-	28	
Holyoke	2,204	2,193	11	-	721	278	443	33	407	-	-	18	
Westfield	672	667	5	-	286	130	156	5	150	-	66	3	
West Springfield (town)	11	-	11	-	83	83	-	-	-	-	-	3	
Balance of county	665	673	12	-	439	305	134	47	77	-	-	46	
Hampshire	1,742	1,703	39	-	1,013	387	626	307	304	36	265	25	
Northampton (town)	3	-	3	-	64	64	-	-	-	-	-	-	
Northampton	1,256	1,246	10	-	660	117	543	299	243	36	258	25	
Balance of county	483	457	26	-	289	206	83	8	61	-	7	51	
Middlesex	22,568	22,125	437	-	10,281	5,373	4,908	671	3,977	249	566	589	
Cambridge	4,010	3,973	37	-	1,567	638	929	167	730	-	-	409	
Lowell	3,196	3,120	75	-	1,292	531	761	52	686	-	-	45	
Somerville	1,766	1,724	42	-	840	517	323	62	250	-	-	8	
Arlington (town)	395	289	106	-	350	254	96	-	91	-	-	1	
Belmont (town)	3	-	3	-	138	129	9	6	2	-	-	8	
Everett	1,068	1,058	10	-	321	212	109	2	103	-	-	101	
Malden	1,366	1,361	5	-	586	306	280	12	236	-	-	11	
Methuen	1,158	1,151	7	-	478	334	144	1	135	-	-	2	
Melrose	1,100	1,094	14	-	278	153	125	1	113	-	-	1	
Newton	1,529	1,520	7	-	669	398	271	5	251	-	-	1	
Waltham	1,542	1,530	12	-	503	199	304	35	265	17	20	78	
Watertown (town)	2	-	2	-	164	151	13	9	2	-	-	11	
Framingham (town)	1,233	1,225	8	-	480	142	338	8	312	161	2	58	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Type of institution		Type of control				
							Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
MASSACHUSETTS—Continued														
Middlesex—Continued														
Lexington (town).....	3	-	3	-	294	74	220	206	2	-	203	-	-	5
Marlborough.....	488	477	11	-	184	95	91	-	99	-	-	-	89	
Natick (town).....	487	487	-	-	163	95	70	1	44	-	-	32	13	
Reading (town).....	4	-	4	-	94	80	14	-	-	-	-	-	-	
Stoneham (town).....	581	572	9	-	206	73	133	3	112	-	2	109	4	
Wakefield (town).....	13	-	13	-	108	99	9	4	-	-	1	3	-	
Winchester (town).....	1,086	1,083	-	-	147	80	67	-	67	-	-	-	67	
Woburn.....	501	474	27	-	178	130	48	1	45	-	1	45	-	
Balance of county.....	1,029	987	42	-	1,241	687	554	76	442	71	343	1	71	
Nantucket.....	71	70	1	-	48	24	24	1	23	-	-	-	24	
Norfolk.....	5,393	5,287	106	-	3,500	1,950	1,540	402	1,003	2	366	384	66	
Brookline (town).....	914	909	5	-	552	342	210	30	157	-	-	1	37	
Quincy.....	1,812	1,778	34	-	732	346	386	17	337	1	-	329	16	
Braintree (town).....	8	1	7	-	158	115	43	-	35	-	-	16	19	
Dedham (town).....	9	4	5	-	102	98	4	3	1	-	-	3	1	
Milton.....	63	62	1	-	147	132	15	1	11	-	-	11	1	
Needham (town).....	212	211	1	-	112	77	35	-	33	-	-	33	-	
Norwood (town).....	898	-	-	-	255	65	190	2	188	-	-	-	190	
Wellesley (town).....	2	-	2	-	77	67	10	-	10	-	-	-	10	
Weymouth (town).....	1,348	1,336	12	-	357	176	181	1	152	-	-	-	153	
Balance of county.....	127	88	39	-	1,010	544	466	348	79	1	366	2	2	
Plymouth.....	4,252	4,113	139	-	2,074	1,348	726	78	558	-	65	16	108	
Brockton.....	2,867	2,852	35	-	858	437	421	8	346	-	-	-	353	
Plymouth (town).....	481	469	12	-	194	118	76	-	71	-	-	-	70	
Balance of county.....	904	812	92	-	1,022	793	229	70	141	-	65	15	107	
Suffolk.....	26,707	26,337	364	-	12,284	4,271	7,993	657	7,183	288	482	3,413	1,823	
Boston.....	23,872	23,588	278	-	11,348	3,808	7,540	560	6,891	197	366	3,413	1,714	
Chelsea.....	1,811	1,435	76	-	494	195	299	96	200	91	96	-	109	
Revere.....	423	415	8	-	271	174	97	-	40	-	-	-	40	
Wintthrop (town).....	901	899	2	-	151	94	57	1	52	-	-	-	53	
Worcester.....	12,836	12,292	232	-	6,015	2,777	3,238	781	2,373	87	706	1,015	152	
Worcester.....	6,356	6,301	43	-	2,668	932	1,736	324	1,392	-	254	771	51	
Fitchburg.....	1,688	1,674	14	-	453	215	238	1	224	-	-	208	17	
Athol (town).....	18	-	15	-	71	65	6	1	1	-	-	4	1	
Clinton (town).....	437	435	2	-	164	103	61	1	59	-	-	-	60	
Gardner.....	826	809	17	-	313	95	220	92	125	-	92	-	125	
Leominster.....	633	632	1	-	203	130	73	3	63	-	-	-	68	
Milford (town).....	671	666	5	-	181	75	106	3	91	-	-	-	94	
Northbridge (town).....	303	301	2	-	85	55	28	3	25	-	3	-	26	
Southbridge (town).....	547	542	5	-	143	95	50	-	50	-	-	-	50	
Webster (town).....	469	464	5	-	98	72	26	1	25	-	1	-	25	
Balance of county.....	591	468	123	-	1,638	944	694	347	318	87	360	28	101	
MICHIGAN.....	160,866	155,264	7,295	109	56,847	28,009	28,838	4,446	23,575	459	2,207	9,567	11,743	3,962
Alcona.....	121	74	47	-	34	32	2	-	-	-	-	-	-	
Alger.....	213	185	22	4	60	42	18	-	12	-	-	-	12	
Allegan.....	984	893	70	-	439	321	118	12	98	-	-	42	-	
Alpena.....	891	870	19	-	268	121	147	4	143	-	1	146	68	
Alpena.....	876	870	6	-	223	77	146	5	143	-	-	146	-	
Balance of county.....	15	-	13	-	45	44	1	1	1	-	1	-	-	
Antrim.....	114	2	107	1	85	81	4	2	-	-	-	-	-	
Arenac.....	303	263	39	1	111	74	37	-	37	-	-	-	37	
Baraga.....	97	1	85	1	90	79	11	-	11	-	-	-	9	
Barry.....	555	538	15	-	246	169	77	5	70	-	-	1	70	
Bay.....	2,584	2,394	188	-	871	455	416	48	364	-	-	169	85	
Bay City.....	2,433	2,394	39	-	691	290	401	32	363	-	-	155	84	
Balance of county.....	151	-	149	-	180	165	15	14	1	-	-	14	1	
Benzie.....	255	219	35	-	95	62	33	4	22	-	-	4	22	
Berrien.....	3,064	2,848	210	-	1,087	578	509	25	465	-	-	101	341	
Benton Harbor.....	1,421	1,408	12	-	269	103	166	1	165	-	-	-	166	
Niles.....	743	736	6	-	172	53	119	-	119	-	-	-	119	
Balance of county.....	800	704	192	-	645	422	224	24	181	-	-	101	56	
Branch.....	634	602	32	-	334	201	133	38	93	-	24	106	56	
Calhoun.....	3,444	3,408	35	-	1,378	553	815	144	641	-	-	140	500	
Battle Creek.....	2,837	2,826	11	-	742	282	460	4	448	107	32	140	390	
Balance of county.....	807	782	24	-	636	301	335	140	195	75	-	140	110	
Cass.....	457	415	43	1	286	201	85	2	81	-	-	27	56	
Charlevoix.....	282	231	48	2	148	111	37	1	36	-	-	1	36	
Cheboygan.....	459	373	86	-	149	97	52	3	44	-	-	-	44	
Chippewa.....	895	859	21	5	265	119	146	5	141	-	5	140	1	
Sault Ste. Marie.....	682	658	3	1	207	64	143	2	141	-	2	140	1	
Balance of county.....	31	-	18	4	59	55	3	3	-	-	3	-	-	
Clare.....	132	80	51	-	81	65	28	-	28	-	-	-	28	
Clinton.....	642	575	65	1	293	192	101	4	84	-	-	4	75	
Crawford.....	321	316	5	-	103	25	80	-	80	-	-	-	80	
Delta.....	936	885	40	2	375	212	163	10	151	-	-	10	151	
Escanaba.....	870	856	11	-	248	97	151	-	151	-	-	-	151	
Balance of county.....	66	29	29	2	127	115	12	10	-	-	-	10	-	
Dickinson.....	737	709	25	2	249	152	97	-	78	-	-	1	51	
Iron Mountain.....	531	511	20	2	185	83	62	-	57	-	-	1	51	
Balance of county.....	206	196	5	2	124	89	35	-	21	-	-	-	21	
Eaton.....	463	434	26	1	318	253	65	9	44	-	-	36	17	
Emmet.....	711	697	12	1	239	87	152	-	136	-	-	-	136	
Genesee.....	7,651	7,404	197	19	2,085	985	1,070	-	1,045	-	-	680	306	
Flint.....	7,243	7,156	68	18	1,572	616	956	-	931	-	-	611	261	
Balance of county.....	378	248	129	1	485	369	114	-	114	-	-	69	45	
Gladwin.....	296	224	67	1	84	74	10	-	10	-	-	-	10	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
MICHIGAN—Continued														
Gogebic	823	793	23	1	294	121	173	-	173	-	-	128	-	47
Ironwood	286	290	6	-	85	53	30	-	30	-	-	-	-	30
Balance of county	537	513	17	1	211	68	143	-	143	-	-	128	-	17
Grand Traverse	1,051	1,013	37	1	592	142	450	274	172	1	367	30	16	32
Traverse City	973	965	8	-	222	74	148	2	143	1	101	1	16	26
Balance of county	78	48	29	1	370	68	302	272	29	-	266	29	-	6
Gratiot	918	816	99	1	382	288	124	25	97	-	-	8	96	28
Hillsdale	610	579	28	-	347	209	138	3	135	-	-	134	-	2
Houghton	1,116	1,049	60	4	555	281	274	35	239	-	-	43	86	139
Huron	928	821	102	-	310	214	96	4	89	-	-	4	14	75
Ingham	5,226	5,276	47	-	1,430	651	779	-	709	-	-	51	607	51
Lansing	4,972	4,963	9	-	1,069	376	693	-	650	-	-	-	607	43
Balance of county	354	313	38	-	361	275	86	-	59	-	-	51	-	8
Ionia	673	563	108	-	375	258	117	52	58	-	26	84	-	-
Iosco	120	20	94	2	70	68	2	-	-	-	-	-	-	-
Iron	488	479	8	-	198	114	82	22	60	-	-	44	36	-
Isabella	857	760	74	-	234	172	62	9	53	-	2	7	52	1
Jackson	2,915	2,874	39	-	1,145	542	603	71	531	-	37	272	278	14
Jackson	2,842	2,829	11	-	844	311	533	2	531	-	-	264	265	3
Balance of county	73	45	28	-	301	231	70	69	-	-	37	8	13	11
Kalamazoo	3,126	3,084	36	2	1,424	580	874	339	506	2	342	47	2	452
Kalamazoo	2,997	2,983	10	2	1,079	284	795	327	450	-	325	10	2	440
Balance of county	129	101	26	-	345	266	79	12	56	2	17	37	-	12
Kalkaska	58	-	-	-	22	22	-	-	-	-	-	-	-	-
Kant	7,949	7,654	294	-	2,903	1,513	1,390	309	1,018	-	121	126	686	392
Grand Rapids	6,226	6,133	93	-	1,877	959	918	99	769	-	-	17	470	361
Balance of county	1,723	1,521	201	-	1,026	554	472	210	249	-	121	109	218	11
Keweenaw	-	-	-	-	28	28	-	-	-	-	-	-	-	-
Lake	26	-	26	-	49	49	-	-	-	-	-	-	-	-
Lapeer	534	371	163	-	318	209	109	68	39	-	67	2	-	36
Leelanau	16	-	15	-	47	44	3	3	-	-	-	3	-	-
Leaves	1,867	1,746	120	-	639	430	209	20	162	-	-	151	26	5
Adrian	945	916	28	-	181	99	82	5	76	-	-	76	-	5
Balance of county	922	830	92	-	458	331	127	15	86	-	-	75	26	-
Livingston	432	399	34	-	305	208	97	7	84	-	47	35	9	-
Lucas	252	248	1	1	189	54	155	116	39	-	116	-	-	39
Mackinac	61	-	57	1	73	73	-	-	-	-	-	-	-	-
Mackinac	2,528	2,305	221	1	981	588	393	68	275	2	-	67	61	211
Mount Clemens	2,240	2,207	33	-	374	101	273	-	267	-	-	1	59	207
St. Clair Shores	16	-	15	-	51	51	-	-	-	-	-	-	-	-
Balance of county	272	99	173	1	556	436	120	66	8	2	-	66	2	4
Manistee	369	331	38	-	205	127	78	-	77	-	-	35	42	-
Marquette	1,304	1,273	27	-	522	241	281	11	269	-	2	16	179	83
Marquette	785	781	4	-	251	71	180	1	179	-	-	1	179	-
Balance of county	519	492	23	-	271	170	101	10	90	-	2	15	-	83
Mason	494	470	21	1	230	151	79	-	79	-	-	-	79	-
Mecosta	389	358	28	-	228	138	90	12	62	-	-	54	-	10
Menominee	752	739	10	2	244	107	137	1	127	-	-	22	2	104
Menominee	586	585	1	-	167	54	113	-	106	-	-	-	2	104
Balance of county	166	153	9	2	77	53	24	1	21	-	-	22	-	-
Midland	1,060	973	80	1	183	132	51	2	49	-	-	2	49	-
Midland	991	972	19	-	89	40	49	-	49	-	-	-	49	-
Balance of county	69	1	61	1	94	92	2	2	-	-	-	2	-	-
Missaukee	75	4	68	1	40	40	-	-	-	-	-	-	-	-
Monroe	1,566	1,490	76	-	593	377	216	29	187	-	-	13	197	6
Monroe	1,506	1,490	16	-	293	96	197	10	187	-	-	-	191	6
Balance of county	60	-	59	-	300	281	19	19	-	-	-	13	6	-
Montcalm	1,040	962	76	-	571	247	124	6	116	-	-	5	73	44
Montcalm	33	-	33	-	22	22	-	-	-	-	-	-	-	-
Montcalm	3,669	3,563	101	-	1,091	571	520	15	504	-	-	23	475	19
Montcalm	3,584	3,562	21	-	777	285	492	5	484	-	-	-	474	15
Muskegon	14	-	13	-	81	81	-	-	-	-	-	-	-	-
Muskegon Heights	71	1	67	-	235	205	28	8	20	-	-	23	1	4
Balance of county	548	437	110	1	216	160	56	1	53	-	-	36	-	18
Newaygo	5,830	5,492	330	1	2,182	1,116	1,066	214	819	-	213	459	301	60
Oakland	4,524	4,466	54	-	1,033	252	781	212	568	-	212	253	301	14
Royal Oak	404	395	9	-	156	109	47	-	47	-	-	30	-	17
Birmingham	-	-	-	-	39	39	-	-	-	-	-	-	-	-
Ferndale	334	324	10	-	85	70	13	-	13	-	-	-	-	13
Balance of county	568	307	257	1	871	646	225	2	191	-	1	176	-	16
Ocean	443	410	33	-	170	85	85	10	75	-	-	43	-	42
Ogemaw	351	327	23	-	101	69	32	3	29	-	-	32	-	-
Oshtemo	217	164	50	1	122	72	50	-	50	-	-	50	-	-
Oscoda	451	404	47	-	166	113	53	4	46	-	-	46	4	-
Oscoda	22	-	22	-	13	13	-	-	-	-	-	-	-	-
Otsego	33	1	30	2	67	42	25	-	25	-	25	-	-	-
Ottawa	1,902	1,797	104	-	545	359	186	7	166	-	-	151	17	5
Holland	890	885	4	-	187	93	104	-	95	-	-	95	-	-
Balance of county	1,012	912	100	-	358	276	82	7	71	-	-	56	17	5
Presque Isle	138	62	76	-	63	60	3	1	-	-	-	1	-	-
Roscommon	26	-	25	1	41	41	-	-	-	-	-	-	-	-
Saginaw	4,338	4,152	173	3	1,527	777	750	10	731	-	-	119	500	122
Saginaw	4,199	4,150	42	3	1,172	472	700	4	689	-	-	71	500	122
Balance of county	159	2	151	-	355	305	50	6	42	-	-	48	-	-
St. Clair	2,118	1,964	152	-	930	641	289	21	256	-	-	269	-	8
Fort Huron	1,457	1,412	44	-	538	299	239	-	230	-	-	230	-	-
Balance of county	661	552	109	-	392	342	50	21	26	-	-	39	-	8
St. Joseph	1,130	1,105	25	-	418	247	171	14	152	-	-	150	-	16
Sanilac	669	557	112	-	302	243	59	1	45	-	-	12	-	34
Schoolcraft	243	231	12	-	97	83	14	-	12	-	-	-	-	12

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary		
MICHIGAN—Continued														
Shiawassee	1,324	1,285	38	-	460	232	168	23	135	-	-	24	129	5
Grosse Pointe	1,026	1,008	18	-	217	108	109	-	105	-	-	-	104	1
Balance of county	298	277	20	-	243	184	59	23	30	-	-	24	25	4
Tuscola	640	530	108	1	416	240	176	71	83	-	42	43	-	69
Van Buren	778	738	39	-	472	302	170	2	161	-	-	163	-	-
Washtenaw	4,331	4,252	72	2	1,829	498	1,331	336	967	-	849	187	256	21
Ann Arbor	2,469	2,462	7	-	992	178	816	-	815	-	581	2	232	-
Ypsilanti	1,684	1,668	12	1	216	77	139	-	139	-	-	139	-	-
Balance of county	178	122	53	1	621	245	376	336	33	-	268	58	24	21
Wayne	84,063	82,211	1,775	34	20,098	8,147	11,951	1,314	9,640	347	1	4,758	5,501	1,167
Detroit	50,328	49,075	1,224	3	14,855	6,473	8,382	183	8,043	93	1	2,102	5,049	961
Dearborn	1,513	1,491	21	1	338	266	72	-	70	-	-	-	52	18
Reartrac	1,216	1,161	55	-	359	156	203	-	203	-	-	187	15	1
Highland Park	4,903	4,888	15	-	752	194	558	5	552	-	-	325	232	-
Wyandotte	2,183	2,149	13	-	413	144	269	-	267	-	-	265	2	-
Ecorse	74	-	73	-	54	54	-	-	-	-	-	-	-	-
Grosse Pointe Park	3	-	3	-	56	56	-	-	-	-	-	-	-	-
Lincoln Park	12	-	11	-	47	47	-	-	-	-	-	-	-	-
River Rouge	283	201	60	-	91	56	35	-	35	-	-	-	35	-
Balance of county	3,588	3,245	300	30	3,133	701	2,432	1,726	670	254	-	1,659	116	167
Wexford	709	658	49	2	222	131	91	3	88	-	-	3	88	-
MINNESOTA	75,478	72,846	2,499	77	29,367	12,488	15,879	1,864	13,720	401	1,643	3,190	7,042	3,307
Aitkin	221	198	20	-	78	74	4	-	4	-	-	-	-	4
Anoka	206	178	24	3	233	116	117	105	12	-	102	-	3	12
Becker	627	592	26	4	232	99	133	-	132	3	-	-	-	129
Beltrami	826	743	68	9	197	88	109	3	101	11	-	13	-	80
Benton	23	1	18	4	55	49	7	1	-	-	-	-	-	1
St. Cloud (part)	4	-	4	-	11	11	-	-	-	-	-	-	-	-
Balance of county	19	-	14	4	44	37	7	1	-	-	-	-	-	1
Big Stone	456	441	15	-	86	42	44	-	42	-	-	16	23	3
Blue Earth	1,137	1,115	22	-	399	203	196	1	193	-	-	-	1	193
Mankato	1,122	1,113	9	-	292	96	196	1	193	-	-	-	1	193
Balance of county	15	2	13	-	107	107	-	-	-	-	-	-	-	-
Brown	1,187	1,152	35	-	316	99	217	-	215	-	-	26	106	83
Carlton	654	654	17	3	327	135	192	114	78	12	114	-	36	30
Carver	393	383	10	-	112	69	43	-	43	-	-	-	-	43
Cass	306	239	62	2	208	108	100	-	100	23	50	-	-	27
Chippewa	413	407	5	-	158	71	87	-	87	-	-	-	77	1
Chisago	324	317	7	-	138	88	50	13	37	1	-	4	4	-
Clay	425	383	40	-	184	111	73	-	71	-	-	-	71	-
Clearwater	241	234	6	1	85	42	43	-	41	-	-	-	-	41
Cook	6	-	5	-	18	18	-	-	-	-	-	-	-	-
Cottonwood	489	476	13	-	132	66	66	-	65	-	-	27	38	-
Crow Wing	1,006	981	42	2	363	169	194	18	173	-	-	5	14	172
Brainerd	777	763	14	-	234	60	174	18	155	-	-	-	1	172
Balance of county	229	198	20	2	129	109	20	-	18	-	-	5	13	-
Dakota	317	301	15	1	258	150	108	49	58	-	49	-	27	31
South St. Paul	4	1	2	1	45	45	-	-	-	-	-	-	-	-
Balance of county	313	300	13	-	213	105	108	49	58	-	49	-	27	31
Dodge	140	103	37	-	82	78	4	3	-	-	-	3	-	-
Douglas	554	534	19	1	208	107	101	7	89	-	-	-	88	8
Faribault	383	320	55	-	160	131	29	-	29	-	-	-	-	29
Fillmore	443	393	49	-	211	185	26	5	17	-	-	-	-	22
Freeborn	1,149	1,094	54	-	242	125	117	7	108	-	-	-	106	7
Albert Lea	1,113	1,094	19	-	171	57	114	7	106	-	-	-	106	7
Balance of county	36	-	35	-	71	68	3	-	-	-	-	-	-	-
Goodhue	893	863	30	-	371	167	204	1	202	-	-	65	5	133
Grant	19	-	19	-	52	52	-	-	-	-	-	-	-	-
Mnneepin	17,781	17,640	123	16	6,781	2,520	4,261	190	4,024	319	406	1,038	1,881	570
Minneapolis	17,501	17,394	93	13	5,824	2,101	3,723	162	3,522	-	406	923	1,847	508
Balance of county	280	246	30	3	957	419	538	28	502	319	-	115	34	62
Houston	217	208	9	-	105	70	35	-	35	-	-	-	15	20
Hubbard	312	298	11	1	104	55	49	3	28	-	-	3	23	5
Isanti	58	34	24	-	122	83	39	37	2	-	23	-	-	16
Itasca	915	890	24	1	294	125	169	12	157	-	-	141	-	28
Jackson	288	250	16	-	92	59	33	-	29	-	-	10	-	19
Kanabec	342	331	11	-	103	46	57	-	56	-	-	56	-	-
Kandiyohi	924	910	13	1	326	112	214	65	149	-	61	149	4	-
Kittson	211	197	12	-	87	46	41	-	41	-	-	-	-	36
Koochiching	415	389	24	-	177	84	93	-	87	-	-	5	43	44
Lac qui Parle	267	264	3	-	126	62	64	-	55	-	-	-	58	-
Lake	127	124	3	-	105	58	47	-	44	-	-	-	-	44
Lake of the Woods	78	54	21	2	19	19	-	-	-	-	-	-	-	-
Le Sueur	279	256	23	-	154	139	15	-	15	-	-	-	-	15
Lincoln	452	445	7	-	104	45	59	-	59	-	-	23	-	36
Lyon	735	716	19	-	163	94	69	1	67	-	-	-	16	52
McLeod	817	801	16	-	223	108	115	-	99	-	-	55	-	44
Mahnomen	171	162	8	-	47	18	29	-	29	-	-	-	29	-
Marshall	244	216	28	-	108	64	44	-	44	-	-	-	44	-
Martin	638	621	17	-	168	115	53	-	53	-	-	-	42	11
Meeker	355	336	19	-	161	101	60	-	60	-	-	-	60	-
Millie Lac	462	446	14	-	148	70	78	1	53	-	-	1	51	1
Morrison	778	764	12	1	216	106	110	9	101	-	-	-	110	-
Mower	1,082	991	90	-	289	152	137	11	125	-	-	-	125	11
Austin	394	374	19	-	197	60	137	11	125	-	-	-	125	11
Balance of county	88	17	71	-	82	92	-	-	-	-	-	-	-	-
Murray	328	304	23	-	85	55	30	-	30	-	-	-	30	-
Nicollet	390	388	2	-	406	61	345	290	46	-	289	47	-	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non- profit	Pro- prietary		
MINNESOTA—Continued														
Nobles	604	597	7	-	204	100	104	-	102	-	8	27	67	
Norman	203	202	1	-	105	72	33	-	33	-	33	-	-	
Olusted	1,513	1,458	74	-	1,179	177	1,002	230	753	230	-	466	287	
Rochester	1,442	1,432	10	-	1,094	109	985	230	753	230	-	466	287	
Balance of county	71	6	64	-	85	68	17	-	-	-	-	-	-	
Otter Tail	1,215	1,188	45	2	660	255	405	197	199	193	5	184	14	
Fergus Falls	787	785	2	-	416	66	350	197	144	193	-	148	-	
Balance of county	428	383	43	2	244	189	55	-	55	-	5	26	14	
Pennington	544	532	10	1	165	60	105	-	105	-	9	83	33	
Pine	173	115	57	1	141	103	38	1	37	-	-	-	38	
Pipestone	435	431	4	-	108	48	60	-	58	2	-	-	58	
Polk	876	851	21	-	338	152	186	5	176	-	6	154	23	
Pope	321	317	4	-	112	65	47	-	47	-	-	36	11	
Ramsey	10,694	10,561	109	21	3,505	1,194	2,311	195	2,088	5	696	1,271	311	
St. Paul	10,669	10,560	88	18	3,382	1,091	2,291	175	2,088	5	676	1,271	311	
Balance of county	25	1	21	3	123	103	20	20	-	-	20	-	-	
Red Lake	7	-	7	-	21	21	-	-	-	-	-	-	-	
Redwood	350	304	46	-	142	103	39	12	27	-	39	-	-	
Renville	71	-	71	-	142	138	4	-	-	-	-	-	-	
Rice	972	930	42	-	399	149	250	112	134	102	41	98	5	
Faribault	611	586	15	-	262	70	192	102	89	-	84	5	5	
Balance of county	361	354	27	-	137	79	58	10	45	-	41	14	-	
Rock	291	282	9	-	76	57	19	-	19	-	19	-	-	
Roseau	419	375	44	-	128	70	58	-	58	-	12	-	46	
St. Louis	5,329	5,245	81	-	2,098	770	1,328	65	1,255	241	970	109	109	
Duluth	3,363	3,347	15	-	1,277	363	914	64	843	50	849	8	8	
Hibbing	701	700	1	-	165	45	120	-	120	-	120	-	-	
Virginia	655	652	3	-	167	38	129	-	129	-	128	1	-	
Balance of county	610	546	62	-	489	324	165	1	163	-	63	-	101	
Scott	288	265	23	-	115	87	28	7	21	-	-	28	-	
Sherburne	80	71	9	-	51	43	8	7	1	-	1	-	7	
St. Cloud (part)	1	-	1	-	7	1	6	6	-	1	-	5	-	
Balance of county	79	71	8	-	44	42	2	1	1	-	-	2	-	
Sibley	174	147	27	-	108	99	9	-	9	-	-	9	-	
Stearns	2,704	2,557	145	-	625	253	372	36	336	30	-	302	40	
St. Cloud (part)	2,009	2,000	9	-	376	71	305	9	296	4	-	301	-	
St. Cloud (total)	2,014	2,000	14	-	394	83	311	15	296	4	1	301	5	
Balance of county	695	557	136	-	249	182	67	27	40	26	-	1	40	
Steele	582	573	9	-	176	104	72	-	71	-	71	-	-	
Stevens	335	314	20	-	115	62	53	-	47	-	1	-	46	
Swift	414	398	16	-	122	83	39	-	39	-	-	-	39	
Todd	682	608	74	-	181	126	55	-	55	-	23	32	-	
Traverse	117	111	5	-	40	27	13	-	13	13	-	-	-	
Wabasha	466	431	35	-	179	87	92	3	89	-	41	-	51	
Wadena	534	488	46	-	146	75	71	-	71	-	2	-	89	
Waseon	344	339	5	-	121	79	42	-	42	-	42	-	-	
Washington	378	355	23	-	248	141	107	7	97	5	95	-	4	
Watsonwan	293	287	6	-	106	58	48	37	11	-	11	37	-	
Wilkin	877	666	11	-	153	31	122	-	121	-	1	120	-	
Winona	1,003	965	38	-	368	228	140	-	132	-	1	131	-	
Balance of county	885	965	20	-	277	137	140	-	132	-	1	131	-	
Wright	18	-	18	-	91	91	-	-	-	-	-	-	-	
Yellow Medicine	356	290	66	-	228	174	54	4	32	-	-	-	36	
	552	528	24	-	148	89	59	-	57	-	20	21	16	
MISSISSIPPI	66,721	28,022	12,989	25,710	19,850	14,364	5,486	536	4,762	199	992	687	1,940	1,481
Adams	1,045	740	14	291	391	208	183	-	179	-	115	64	-	
Natchez	558	403	8	147	213	146	67	-	63	-	63	-	-	
Balance of county	487	337	6	144	178	62	116	-	116	115	1	-	-	
Alcorn	909	519	243	147	270	197	73	4	69	-	-	4	21	
Amite	499	44	97	358	118	112	6	-	6	-	-	-	6	
Attala	935	451	218	269	257	180	77	2	71	-	-	-	-	
Benton	192	-	47	145	58	58	-	-	-	-	-	-	-	
Bolivar	2,123	552	353	1,218	714	544	170	1	161	-	26	80	56	
Calhoun	541	217	242	82	133	108	25	-	12	-	-	-	12	
Carroll	391	1	102	288	122	122	-	-	-	-	-	-	-	
Chickasaw	626	216	221	189	208	143	65	-	65	-	-	65	-	
Choctaw	239	-	139	101	78	78	-	-	-	-	-	-	-	
Claiborne	280	6	33	241	114	114	-	-	-	-	-	-	-	
Clarke	550	164	120	265	150	128	22	-	22	-	22	-	42	
Clay	589	205	73	320	206	163	43	-	42	-	-	-	-	
Coahoma	1,391	325	319	747	432	388	44	1	37	-	-	37	1	
Clarksdale	502	324	100	78	143	104	39	-	57	-	-	-	-	
Balance of county	889	1	219	669	289	284	5	1	-	-	-	-	1	
Copiah	797	15	414	368	232	231	1	1	-	-	1	-	-	
Covington	308	-	130	178	94	94	-	-	-	-	-	-	-	
De Soto	673	125	114	434	187	185	2	-	-	-	-	-	-	
Forrest	1,821	1,331	261	229	397	235	164	-	164	-	-	104	60	
Hattiesburg	1,664	1,329	172	163	310	146	164	-	164	-	-	104	60	
Balance of county	157	2	89	66	87	87	-	-	-	-	-	-	-	
Franklin	167	7	27	133	78	76	2	-	-	-	-	-	-	
George	300	115	148	37	52	50	2	-	-	-	-	-	-	
Greene	252	-	141	91	45	45	-	-	57	-	-	-	57	
Grenada	688	319	82	307	203	145	58	-	10	-	-	10	-	
Hancock	303	197	18	88	104	94	10	-	-	112	3	213	-	
Harrison	2,273	1,908	98	267	679	350	329	45	283	-	-	102	-	
Hiloxi	1,210	1,118	18	74	207	92	115	1	113	12	-	109	-	
Gulfport	882	789	9	84	258	108	150	41	109	-	-	-	-	
Balance of county	181	1	71	109	214	150	64	3	61	59	3	2	-	

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
MISSISSIPPI—Continued														
Hinds	4,251	2,606	328	1,297	1,353	707	646	12	621	75	100	17	413	28
Jackson	3,240	2,584	180	466	971	422	548	8	551	—	100	1	413	25
Balance of county	991	22	138	831	382	285	97	4	90	75	—	16	—	3
Holmes	1,086	168	144	774	568	335	35	—	35	—	—	35	—	—
Humphreys	699	5	127	567	176	175	1	1	—	—	—	1	—	—
Issaquena	106	3	2	101	41	41	—	—	—	—	—	—	—	—
Itawamba	325	—	281	44	86	86	—	—	—	—	—	—	—	—
Jackson	1,035	822	47	166	212	144	68	—	66	—	—	66	—	—
Jasper	539	158	173	208	110	107	3	—	—	—	—	—	—	—
Jefferson	268	—	24	244	113	113	—	—	—	—	—	—	—	—
Jefferson Davis	439	—	213	222	114	114	—	—	—	—	—	—	—	—
Jones	1,942	1,596	97	249	494	256	238	3	221	—	112	—	—	112
Laurel	1,681	1,534	18	129	366	134	232	—	220	—	109	—	—	111
Balance of county	261	62	79	120	128	122	6	3	1	—	3	—	—	1
Kemper	436	—	167	269	150	130	—	—	—	—	—	—	—	—
Lafayette	684	334	82	268	208	134	74	1	73	—	—	1	—	73
Lamar	265	24	164	77	58	55	1	—	1	—	—	—	—	1
Lauderdale	2,136	1,572	108	456	797	356	441	54	378	—	160	2	83	187
Moridian	1,817	1,569	32	216	650	233	417	52	362	—	160	—	67	187
Balance of county	319	3	76	240	147	123	24	2	16	—	—	2	16	—
Lawrence	296	54	92	150	79	78	1	—	1	—	—	—	—	1
Leake	548	2	299	247	134	134	—	—	—	—	—	—	—	—
Lea	1,256	783	406	67	332	226	106	—	106	—	—	—	106	—
Leflore	1,898	597	178	1,113	808	396	112	—	111	1	—	59	—	51
Greenwood	794	595	17	182	234	123	111	—	110	—	—	59	—	51
Balance of county	1,094	2	161	931	274	273	1	—	1	1	—	—	—	—
Lincoln	961	683	103	175	307	190	117	—	117	—	—	—	117	—
Lowndes	1,146	475	195	476	572	262	110	—	110	—	—	—	—	110
Columbus	712	474	82	156	218	109	109	—	109	—	—	—	—	109
Balance of county	434	1	113	320	154	153	1	—	—	—	—	—	—	1
Madison	1,139	250	122	767	360	290	70	—	64	—	—	—	64	—
Marion	757	366	120	271	174	150	44	—	43	—	—	—	23	20
Marshall	885	152	142	591	221	170	51	1	51	—	—	32	—	—
Monroe	1,097	478	285	334	351	258	93	—	63	—	—	24	—	39
Montgomery	454	190	51	213	145	120	25	1	24	—	—	1	24	—
Weshoba	793	448	191	153	162	118	44	—	44	10	—	—	11	23
Newton	783	558	106	119	214	148	66	—	63	—	—	—	63	—
Nonotuck	720	128	50	542	220	184	36	1	34	—	—	1	34	—
Oktibbeha	715	226	188	301	170	155	15	—	12	—	—	—	—	12
Panola	829	215	205	409	256	248	8	—	4	—	—	—	—	4
Pearl River	713	437	243	33	136	93	43	—	43	—	—	—	16	27
Perry	230	10	100	120	55	55	—	—	—	—	—	—	—	—
Pike	1,239	702	245	292	346	235	111	1	110	—	—	1	110	—
Pontotoc	499	218	177	104	181	155	26	—	25	—	—	—	—	25
Prentiss	795	557	178	60	171	116	55	—	50	—	—	—	9	41
Quitman	846	201	258	386	217	195	22	—	22	—	—	—	—	22
Rankin	606	179	81	348	578	148	430	392	36	—	392	—	—	36
Scott	648	202	180	266	138	127	11	—	11	—	—	—	—	11
Sharkey	404	77	44	285	86	81	5	—	5	—	—	—	—	5
Simpson	710	440	128	142	165	101	64	—	61	—	43	—	—	18
Smith	338	71	189	68	94	94	—	—	—	—	—	—	—	—
Stone	65	—	45	20	36	36	—	—	—	—	—	—	—	—
Sunflower	1,761	205	659	897	417	356	61	6	54	—	6	—	54	—
Tallahatchie	956	138	314	504	246	197	49	1	46	—	—	1	—	46
Tate	492	—	190	302	134	134	—	—	—	—	—	—	—	—
Tippah	592	346	187	59	125	104	21	—	17	—	—	—	—	17
Tishomingo	365	—	350	15	74	74	—	—	—	—	—	—	—	—
Tunica	651	—	97	554	223	222	1	—	—	—	—	—	—	—
Union	633	485	54	94	196	106	90	—	89	—	—	—	13	76
Walthall	766	583	31	152	140	78	62	—	60	—	—	—	60	—
Warren	1,417	1,017	27	377	627	303	324	1	322	—	61	1	217	44
Vicksburg	1,274	1,007	22	245	547	224	323	—	322	—	61	—	217	44
Balance of county	143	6	5	132	80	79	1	—	—	—	—	1	—	—
Washington	1,985	588	244	1,153	795	567	228	6	216	—	—	6	98	118
Greenville	937	586	83	268	445	226	219	1	215	—	—	1	97	118
Balance of county	1,048	2	161	885	350	341	9	5	1	—	—	5	1	—
Wayne	545	277	77	191	118	112	6	—	1	—	—	—	—	1
Webster	233	8	159	66	96	96	—	—	—	—	—	—	—	—
Wilkinson	591	182	66	343	164	122	42	—	42	—	—	—	—	42
Winston	741	334	123	284	193	150	43	—	43	—	—	35	—	8
Yalobusha	404	81	88	235	144	134	10	—	10	—	—	—	—	10
Yazoo	1,162	337	125	700	360	259	101	1	99	—	—	1	61	18
MISSOURI														
Adair	664	785	107	—	354	127	227	—	217	—	—	—	98	119
Kirksville	613	755	58	—	302	77	225	—	216	—	—	—	97	119
Balance of county	51	—	49	—	52	50	2	—	1	—	—	—	1	—
Andrew	44	2	41	—	97	89	8	—	8	—	—	—	—	8
Atchison	35	—	35	—	71	70	1	1	—	—	—	1	—	—
Audrain	741	664	77	—	250	143	107	2	103	—	—	90	1	14
Barry	709	558	145	4	226	162	64	—	59	—	—	—	30	29
Barton	243	214	28	—	107	104	3	2	—	—	—	2	—	—
Bates	380	300	80	—	215	165	50	—	50	—	—	50	—	—
Benton	152	110	39	2	94	91	3	—	2	—	—	—	—	2
Bollinger	122	1	110	—	90	87	3	—	—	—	—	—	—	—
Boone	863	731	131	—	423	265	168	5	149	—	54	72	—	28
Columbia	791	731	59	—	283	124	159	—	148	—	54	66	—	28
Balance of county	72	—	72	—	140	131	9	5	1	—	—	6	—	—

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
MISSOURI—Continued														
Buchanan	2,454	2,228	225	1	1,589	632	937	290	618	-	268	6	597	35
St. Joseph	2,394	2,227	166	1	1,461	525	936	289	619	-	268	7	597	35
Balance of county	60	1	59	-	108	107	1	1	-	-	-	1	-	-
Butler	1,541	1,109	343	57	437	247	190	5	184	-	1	6	-	182
Poplar Bluff	1,209	1,108	84	15	270	86	184	-	184	-	1	1	-	182
Balance of county	332	1	259	42	167	181	6	5	-	-	-	5	-	-
Caldwell	147	80	67	-	116	114	2	2	-	-	-	2	-	-
Callaway	384	290	92	2	482	147	335	273	61	-	270	64	-	-
Camden	120	-	117	-	65	64	1	-	-	-	-	-	-	-
Cape Girardeau	1,720	1,626	91	3	492	228	264	2	256	-	-	3	255	-
Cape Girardeau	1,650	1,624	23	3	384	128	256	-	256	-	-	1	255	-
Balance of county	70	2	68	-	108	100	8	2	-	-	-	2	-	-
Carroll	310	251	57	1	192	147	45	-	33	-	-	-	-	33
Carter	51	-	40	6	35	35	-	-	-	-	-	-	-	-
Cass	255	143	111	-	196	153	43	4	39	-	-	4	-	39
Cedar	141	40	101	-	124	107	17	-	11	-	-	-	-	11
Chariton	150	8	140	2	146	144	2	2	-	-	-	2	-	-
Christian	119	12	106	1	99	95	4	1	-	-	-	1	-	-
Clark	44	-	44	-	52	49	3	3	-	-	-	3	-	-
Clay	510	423	87	-	431	255	176	22	154	65	-	6	54	71
Clinton	96	3	93	-	131	123	8	1	1	-	-	2	-	-
Cole	991	867	103	-	337	188	149	25	124	-	25	-	124	-
Jefferson City	930	867	42	-	266	117	149	25	124	-	25	-	124	-
Balance of county	61	-	61	-	71	71	-	-	-	-	-	-	-	-
Cooper	492	447	45	-	255	136	119	4	115	-	2	2	77	39
Crawford	169	-	161	-	86	86	-	-	-	-	-	-	-	-
Dade	118	71	47	-	111	92	19	1	-	-	-	-	-	1
Dallas	154	1	153	-	82	82	-	-	-	-	-	-	-	-
Davless	141	13	126	-	133	124	9	4	-	-	-	4	-	-
De Kalb	70	1	69	-	67	67	-	-	-	-	-	-	-	-
Dent	268	151	68	33	92	92	-	-	-	-	-	-	-	-
Douglas	239	2	196	8	91	91	-	-	-	-	-	-	-	-
Dunklin	1,235	449	755	19	317	252	65	6	59	-	-	6	-	59
Franklin	1,006	832	170	2	391	235	156	2	147	-	-	2	124	23
Gasconade	119	39	80	-	100	88	12	-	10	-	-	-	-	10
Gentry	112	5	107	-	109	105	4	4	-	-	-	4	-	-
Greene	3,472	3,336	132	-	1,412	663	749	39	696	70	-	87	336	232
Springfield	3,003	2,966	37	-	1,094	452	642	18	604	56	-	66	338	162
Balance of county	469	370	95	-	318	211	107	21	84	14	-	21	-	70
Grundy	329	310	19	-	187	153	34	2	32	-	-	2	20	12
Harrison	335	229	106	-	166	123	43	4	36	-	-	4	-	36
Henry	486	438	44	1	277	176	101	2	88	-	-	2	-	88
Hickory	84	52	49	1	44	43	1	-	1	-	-	1	-	-
Holt	81	-	80	1	103	95	8	7	-	-	-	1	-	6
Howard	189	109	50	-	113	68	45	2	41	-	-	2	-	41
Howell	612	271	301	14	211	131	30	6	24	-	-	1	-	29
Iron	557	440	81	21	151	76	55	12	42	-	-	-	54	-
Jackson	15,332	14,863	454	-	6,271	2,688	3,583	201	3,294	-	1	1,402	1,485	607
Kansas City	13,978	13,606	359	-	5,574	2,291	3,283	133	3,076	-	1	1,291	1,318	599
Independence	1,187	1,180	7	-	264	88	176	5	166	-	-	-	166	5
Balance of county	167	77	86	-	433	309	124	63	52	-	-	111	1	3
Jasper	2,511	2,400	111	-	1,163	609	554	7	520	-	-	104	387	56
Joplin (part)	1,707	1,685	22	-	667	272	395	1	383	-	-	-	351	55
Joplin (total)	1,707	1,685	22	-	670	275	395	1	383	-	-	-	351	55
Carthage	549	545	4	-	194	94	100	3	85	-	-	75	10	3
Balance of county	255	170	85	-	302	245	59	3	52	-	-	29	24	-
Jefferson	342	7	331	3	270	228	42	-	24	-	-	-	24	-
Johnson	350	287	61	-	221	167	54	10	45	-	-	10	-	43
Knox	123	80	42	-	94	68	26	-	-	-	-	-	-	-
Laclede	536	445	85	1	224	140	84	-	82	-	-	-	-	82
Lafayette	332	186	146	-	255	240	15	5	9	-	-	1	5	8
Lawrence	378	248	139	-	346	179	167	5	162	-	181	3	2	31
Levin	79	-	79	-	118	113	5	5	-	-	-	5	-	-
Lincoln	93	-	92	1	102	101	1	1	-	-	-	1	-	-
Linn	426	311	115	-	220	153	67	4	49	-	-	4	24	25
Livingston	461	411	69	-	221	161	60	4	54	-	-	59	-	-
McDonald	184	64	117	1	92	91	1	-	-	-	-	-	-	-
Macon	268	177	110	1	230	168	62	1	61	-	-	24	-	38
Madison	169	3	161	-	95	95	-	-	-	-	-	-	-	-
Marion	115	-	115	-	53	53	-	-	-	-	-	-	-	-
Marion	1,045	1,011	34	-	480	205	277	14	256	-	-	157	115	-
Hannibal	1,024	1,011	13	-	396	134	262	-	258	-	-	143	115	-
Balance of county	21	-	21	-	84	69	15	14	-	-	-	14	-	-
Mercer	137	106	31	-	95	73	22	-	15	-	-	-	-	15
Miller	272	34	218	-	120	115	5	4	1	-	-	4	-	1
Mississippi	521	2	413	101	162	180	2	-	1	-	-	1	-	-
Moniteau	257	167	90	-	143	109	34	-	34	-	-	-	-	34
Monroe	57	1	56	-	122	116	6	6	-	-	-	6	-	-
Montgomery	82	-	82	-	110	107	3	-	-	-	-	-	-	-
Morgan	136	-	129	3	94	93	1	-	-	-	-	-	-	-
New Madrid	896	171	962	133	254	248	6	-	-	-	-	-	-	-
Newton	561	449	130	2	276	180	96	-	91	-	-	-	-	91
Joplin (part)	-	-	-	-	3	3	-	-	-	-	-	-	-	-
Balance of county	561	449	130	2	273	177	96	-	91	-	-	-	-	91
Nodaway	854	766	66	-	325	159	166	6	159	-	-	1	157	7
Oregon	176	-	152	10	84	84	-	-	-	-	-	-	-	-
Osage	78	-	74	-	79	78	1	1	-	-	-	1	-	-
Ozark	218	153	42	8	72	72	-	-	-	-	-	-	-	-
Pemiscot	945	42	641	137	280	275	5	3	-	-	-	3	-	-
Perry	185	-	181	4	79	79	-	-	-	-	-	-	-	-

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
MISSOURI—Continued														
Pettis	774	689	85	-	449	294	155	1	146	-	-	147	-	-
Sedalia	747	689	58	-	343	189	154	-	145	-	-	146	-	-
Balance of county	27	-	27	-	106	105	1	-	-	-	-	1	-	-
Phelps	243	35	201	2	169	135	34	34	-	-	27	-	-	7
Pike	339	264	67	8	230	141	89	1	87	-	-	75	2	11
Platte	21	-	21	-	103	103	-	-	-	-	-	-	-	-
Polk	255	96	140	-	153	138	-	-	15	-	-	-	-	15
Pulaski	725	582	143	-	161	77	84	-	62	-	58	-	-	4
Putnam	155	116	39	-	118	93	25	2	22	-	-	2	-	22
Ralls	31	-	30	-	59	57	2	2	2	-	-	2	-	-
Rendolph	625	491	133	1	338	211	127	1	121	-	-	1	-	101
Moberly	550	491	59	-	236	110	126	1	121	-	-	1	20	101
Balance of county	75	-	74	1	102	101	1	1	-	-	-	-	-	-
Ray	141	-	141	-	174	169	5	-	-	-	-	4	-	-
Reynolds	140	1	112	14	50	50	-	-	-	-	-	-	-	20
Ripley	284	124	122	9	98	78	20	-	20	-	-	-	-	-
St. Charles	775	686	88	1	316	171	145	19	126	-	-	8	137	-
St. Charles	705	686	18	1	205	75	130	4	126	-	-	1	128	-
Balance of county	70	-	70	-	111	96	15	2	-	-	-	7	-	8
St. Clair	148	86	62	-	104	86	18	-	15	-	-	2	-	15
St. Francois	892	563	289	25	444	262	182	126	55	126	-	-	-	55
St. Louis	3,800	3,471	259	58	2,950	1,282	1,668	163	1,428	356	-	514	435	307
University City	2	-	2	-	127	119	8	7	-	-	-	-	7	1
Clayton	512	507	4	-	408	67	341	-	341	-	-	356	5	-
Kirkwood	9	-	9	-	127	89	38	12	26	21	-	1	12	4
Maplewood	1	-	-	1	89	69	20	-	20	-	-	-	-	20
Richmond Heights	2,823	2,816	7	-	354	36	298	-	296	-	-	-	296	-
Webster Groves	5	-	5	-	101	94	7	1	5	-	-	2	-	4
Balance of county	448	148	232	57	1,764	808	956	145	739	315	-	175	115	278
St. Louis (city)	27,005	26,360	495	145	12,111	4,369	7,722	649	7,024	2	-	3,330	3,689	452
St. Genevieve	169	-	167	-	70	68	2	-	-	-	-	-	-	-
Saline	518	396	121	-	353	234	119	46	71	-	36	7	65	11
Schuyler	47	2	45	-	49	45	4	-	4	-	-	-	-	4
Scotland	48	-	40	-	64	64	-	-	-	-	-	-	-	-
Scott	697	452	186	56	212	178	34	2	32	-	-	34	-	-
Shannon	157	-	129	14	85	84	1	4	-	-	-	-	-	-
Shelby	80	20	60	-	121	101	20	4	-	-	-	-	-	-
Stoddard	573	2	547	20	199	196	3	3	-	-	-	3	-	-
Stone	162	-	152	6	90	90	-	-	-	-	-	-	-	-
Sullivan	151	52	99	-	139	127	12	1	7	-	-	1	-	7
Taney	124	-	107	1	68	67	1	-	-	-	-	-	-	-
Texas	1,307	-	273	14	151	148	3	2	-	-	-	2	-	-
Vernon	427	396	38	-	498	203	295	186	82	-	184	62	1	-
Warren	72	37	35	-	61	57	4	3	-	-	-	2	-	-
Washington	315	-	267	27	107	107	-	-	-	-	-	-	-	-
Wayne	141	-	124	2	88	86	-	-	-	-	-	-	-	11
Webster	227	97	123	1	132	118	14	2	11	-	-	2	-	11
Worth	47	-	47	-	76	76	-	-	-	-	-	-	-	7
Wright	285	10	262	4	127	119	8	7	-	-	-	-	-	-
MONTANA	14,780	14,409	279	44	5,695	2,267	3,428	212	3,180	144	215	803	1,455	1,245
Beaverhead	120	114	6	-	68	34	34	4	30	-	-	4	30	-
Big Horn	259	229	11	10	82	39	43	-	43	26	-	-	-	17
Blaine	129	113	10	-	57	32	25	-	25	24	-	-	-	1
Broadwater	133	132	1	-	45	15	32	-	32	-	-	-	-	32
Carbon	51	33	18	-	65	50	15	-	15	-	-	-	-	15
Carter	25	25	-	-	16	12	4	-	4	-	-	4	-	-
Cascade	1,671	1,665	4	2	517	131	386	-	386	-	-	-	141	245
Great Falls	1,670	1,665	3	2	490	104	386	-	386	-	-	-	141	245
Balance of county	1	-	1	-	27	27	-	-	-	-	-	-	-	-
Chouteau	71	70	1	-	34	15	19	-	19	-	-	-	19	-
Custer	520	515	5	-	151	36	115	11	104	-	-	11	-	104
Daniels	103	102	1	-	31	14	17	-	17	-	-	-	11	6
DeWan	336	332	3	1	88	27	61	-	61	-	-	15	48	-
Deer Lodge	330	330	-	-	346	51	295	139	156	-	208	-	87	-
Anaconda	330	330	-	-	133	46	87	-	87	-	-	-	87	-
Balance of county	-	-	-	-	213	6	208	139	69	-	208	-	-	-
Fallon	108	107	1	-	33	12	21	-	21	-	-	-	-	21
Fergus	432	429	3	-	141	47	94	-	94	-	-	-	94	-
Flathead	832	835	16	-	202	149	153	1	134	-	1	28	81	24
Gallatin	605	594	9	-	177	77	100	-	100	-	-	-	88	12
Garfield	83	83	-	-	21	5	16	-	16	-	-	16	-	-
Glauber	279	261	13	4	92	49	43	-	43	30	-	-	-	13
Golden Valley	3	-	3	-	7	7	-	-	-	-	-	-	-	-
Granite	19	14	4	1	16	15	1	-	-	-	-	-	-	-
Hill	626	616	5	3	177	43	134	-	133	-	-	-	133	-
Jefferson	71	67	4	-	49	39	10	3	7	-	3	-	-	7
Judith Basin	-	-	-	-	7	7	-	-	-	-	-	-	-	-
Lake	327	323	3	1	132	72	60	-	59	-	-	-	-	59
Lewis and Clark	647	637	10	-	333	83	250	6	242	48	-	37	107	56
Melena	641	637	4	-	224	65	159	-	157	-	-	-	101	56
Balance of county	6	6	6	-	109	18	91	6	85	48	-	37	6	-
Liberty	6	6	-	-	10	9	1	-	1	-	-	-	-	1
Lincoln	147	136	11	-	71	40	31	-	31	-	1	-	-	30
McCone	1	-	-	1	5	5	-	-	-	-	-	-	-	-
Madison	57	48	9	-	49	40	9	-	-	-	-	-	-	-
Meagher	4	-	4	-	8	7	1	1	-	-	-	-	-	-
Mineral	22	22	-	-	11	6	5	-	5	-	-	-	-	-

See footnotes on page p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
MONTANA—Continued														
Missoula	1,058	1,029	8	-	331	96	235	-	230	-	18	175	37	
Missoula	1,033	1,029	4	-	296	61	235	-	230	-	18	175	37	
Balance of county	5	-	4	-	35	35	-	-	-	-	-	-	-	
Musselshell	77	71	6	-	55	27	28	14	14	1	-	-	27	
Park	330	329	1	-	138	55	83	1	82	-	-	-	83	
Petroleum	95	69	4	-	49	24	25	-	24	-	-	-	24	
Phillips	201	197	1	2	55	21	34	-	34	-	-	34	-	
Powder River	1	-	1	-	5	5	-	-	-	-	-	-	-	
Powell	148	148	-	-	88	31	37	3	34	1	-	34	2	
Prairie	45	45	-	-	24	12	12	-	12	-	-	-	12	
Revalli	277	275	1	-	111	59	52	-	50	-	-	-	50	
Richland	305	302	2	1	59	32	27	-	21	-	-	20	1	
Roosevelt	268	258	2	3	90	45	45	-	36	16	-	-	18	
Rosebud	150	119	5	12	86	47	39	-	39	-	-	-	39	
Sanders	42	35	4	-	45	39	6	-	3	-	-	-	3	
Sheridan	116	116	-	-	54	16	18	-	18	-	-	-	18	
Silver Bow	1,135	1,124	11	-	615	235	380	-	379	-	-	87	164	
Butte	1,126	1,117	9	-	460	167	293	-	292	-	-	184	108	
Balance of county	9	7	2	-	155	68	87	-	87	-	-	87	-	
Stillwater	70	62	8	-	52	23	29	-	29	-	-	29	-	
Sweet Grass	34	22	12	-	32	27	5	-	5	-	-	-	5	
Teton	19	12	7	-	29	23	6	-	6	-	-	-	6	
Toole	107	104	2	1	53	28	25	-	25	-	-	25	-	
Treasure	7	-	7	-	3	3	-	-	-	-	-	-	-	
Valley	350	344	4	1	84	37	47	-	45	-	-	-	45	
Wheatland	18	3	14	1	19	19	-	-	-	-	-	-	-	
Wibaux	1	-	1	-	4	4	-	-	-	-	-	-	-	
Yellowstone	1,911	1,897	24	-	513	193	320	29	286	-	22	102	191	
Billings	1,892	1,867	5	-	432	137	295	9	283	-	1	102	189	
Balance of county	19	-	19	-	81	56	25	20	3	-	21	5	2	
Yellowstone National Park (part)	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEBRASKA														
	32,017	29,905	2,106	-	12,815	6,668	6,147	525	5,379	152	617	713	3,073	1,449
Adams	967	952	14	-	393	146	247	141	106	-	139	1	106	
Bastings	958	951	7	-	209	102	107	1	106	-	-	1	106	
Balance of county	9	1	7	-	184	44	140	140	-	139	1	-	-	
Antelope	328	281	47	-	100	79	21	-	21	-	-	-	21	
Arthur	2	-	2	-	1	1	-	-	-	-	-	-	-	
Banner	-	-	-	-	-	-	-	-	-	-	-	-	-	
Blaine	9	-	9	-	7	6	1	-	-	-	-	-	-	
Boone	203	175	28	-	97	79	18	7	4	-	-	-	11	
Box Butte	418	411	6	-	144	41	103	-	101	-	-	101	-	
Boyd	151	128	23	-	54	29	25	-	25	-	1	24	-	
Brown	200	199	1	-	54	20	34	-	31	-	-	-	31	
Buffalo	610	594	26	-	313	149	164	3	156	1	57	90	11	
Burt	222	196	26	-	91	74	17	-	16	-	-	-	16	
Butler	190	165	5	-	93	54	39	2	36	-	-	38	-	
Cass	53	2	31	-	113	93	20	14	1	-	-	14	1	
Cedar	172	86	86	-	92	70	12	-	-	-	-	-	-	
Chase	139	131	8	-	34	24	10	-	10	-	-	-	10	
Cherry	215	205	10	-	71	35	36	-	36	-	1	-	35	
Cheyenne	421	414	7	-	81	20	61	-	60	1	2	-	57	
Clay	36	18	18	-	85	69	16	2	-	-	-	-	2	
Colfax	9	-	9	-	54	52	2	-	-	-	-	-	-	
Cuming	329	312	17	-	103	53	50	2	48	-	-	50	-	
Custer	404	289	115	-	166	114	52	6	39	-	-	-	45	
Dakota	5	-	5	-	53	52	1	-	1	-	-	-	1	
Dawes	260	249	11	-	73	34	39	-	29	-	-	27	2	
Dawson	598	570	28	-	154	85	69	-	64	-	-	-	64	
Deuel	5	-	5	-	12	11	1	-	-	-	-	-	1	
Dixon	140	54	86	-	61	53	8	-	-	-	-	-	-	
Dodge	654	642	12	-	242	128	114	12	102	-	-	102	12	
Fremont	600	600	-	-	179	65	114	12	102	-	-	-	102	
Balance of county	54	42	12	-	63	63	-	-	-	-	-	-	-	
Douglas	7,680	7,681	139	-	3,184	1,239	1,946	90	1,813	-	120	372	1,375	44
Omaha	7,814	7,681	133	-	3,084	1,176	1,908	61	1,812	-	120	354	1,375	44
Balance of county	6	-	6	-	100	62	38	37	1	-	-	38	-	
Dundy	132	128	4	-	30	11	19	-	19	-	-	-	19	
Fillmore	124	111	13	-	81	59	22	-	20	-	-	-	20	
Franklin	52	2	50	-	54	54	-	-	-	-	-	-	-	
Frontier	66	15	51	-	42	42	-	-	-	-	-	-	-	
Furnas	127	119	8	-	103	69	34	2	30	-	-	-	32	
Gage	758	741	17	-	326	145	181	37	144	-	31	1	130	
Beatrice	657	656	1	-	190	53	137	6	131	-	1	1	130	
Balance of county	101	85	16	-	136	92	44	31	13	-	31	-	13	
Garden	141	141	-	-	37	9	28	-	28	-	-	-	28	
Garfield	116	104	12	-	33	28	5	-	2	-	2	-	-	
Comper	26	24	2	-	13	12	1	-	-	-	-	-	1	
Grant	11	-	11	-	8	8	-	-	-	-	-	-	-	
Greeley	101	70	31	-	31	27	4	-	4	-	-	-	4	
Hall	1,023	947	76	-	398	159	249	20	223	-	20	-	171	
Grand Island	963	947	36	-	355	106	249	20	223	-	20	-	171	
Balance of county	40	-	40	-	44	44	-	-	-	-	-	-	-	
Hamilton	129	122	6	-	82	57	25	-	23	-	-	-	23	
Harlan	36	23	13	-	40	35	5	1	-	-	-	-	1	
Hayes	8	-	8	-	15	15	-	-	-	-	-	-	-	
Hitchcock	69	51	17	-	35	23	12	-	12	-	-	-	12	
Holt	321	194	127	-	125	94	31	-	29	-	-	-	29	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total ³	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
NEBRASKA—Continued														
Hooker	19	11	8	-	7	-	-	-	-	-	-	-		
Howard	143	137	6	-	45	29	14	-	14	-	14	-		
Jefferson	394	378	16	-	139	83	56	1	53	-	1	53		
Jonson	129	114	15	-	72	55	17	-	17	-	-	3		
Kearney	185	164	1	-	76	45	31	12	19	-	-	24		
Keith	189	133	35	-	55	33	22	-	22	-	-	22		
Keya Paha	2	-	2	-	4	4	-	-	-	-	-	-		
Kimball	120	102	18	-	34	19	16	-	16	-	-	16		
Knox	116	7	111	-	90	88	2	-	1	-	-	1		
Lancaster	3,144	3,109	35	-	1,410	541	869	75	781	130	79	173		
Lincoln	3,136	3,108	28	-	1,446	475	671	7	681	-	12	173		
Balance of county	6	1	7	-	264	66	198	69	130	130	67	6		
Lincoln	745	679	65	-	229	107	122	-	119	-	-	84		
North Platte	629	581	47	-	168	65	103	-	101	-	-	66		
Balance of county	116	98	18	-	61	42	19	-	18	-	-	18		
Logan	7	-	7	-	9	9	-	-	-	-	-	-		
Loup	6	-	6	-	9	9	-	-	-	-	-	-		
McPherson	1	-	1	-	-	-	-	-	-	-	-	-		
Madison	938	925	13	-	325	128	199	70	129	-	69	126		
Norfolk	926	923	3	-	194	65	129	-	129	-	-	126		
Balance of county	12	2	10	-	131	61	70	70	-	69	-	1		
Merrick	158	139	20	-	55	45	10	-	3	-	-	3		
Morrill	65	11	53	-	40	40	-	-	-	-	-	-		
Nance	142	130	12	-	62	48	14	-	13	-	-	13		
Nemaha	231	222	9	-	110	71	39	1	38	-	1	36		
Nuckolls	330	324	6	-	104	60	44	-	44	-	-	29		
Otoe	460	448	12	-	199	115	84	3	79	-	-	74		
Pawnee	150	148	2	-	73	47	26	-	25	-	-	25		
Perkins	71	67	4	-	21	17	4	-	4	-	-	4		
Phelps	394	368	6	-	110	61	49	-	47	-	-	47		
Pierce	288	259	29	-	67	43	24	-	19	-	-	11		
Platte	752	693	59	-	180	71	109	-	108	-	-	29		
Folk	174	172	2	-	92	57	35	-	33	-	-	12		
Red Willow	602	585	17	-	121	71	50	-	50	-	-	50		
Richardson	417	390	27	-	166	99	68	-	80	-	-	57		
Rock	63	61	2	-	30	18	12	-	9	-	-	9		
Saline	152	127	25	-	128	101	27	5	21	-	26	-		
Sarpy	104	96	8	-	48	45	3	-	3	3	-	-		
Saunders	187	156	11	-	140	99	41	1	40	-	1	40		
Scotts Bluff	1,230	1,179	51	-	278	121	157	-	157	-	-	157		
Scottsbluff	1,183	1,174	9	-	209	52	157	-	157	-	-	157		
Balance of county	47	5	42	-	69	69	-	-	-	-	-	-		
Seward	200	184	16	-	95	99	6	-	5	-	2	3		
Sheridan	286	280	6	-	96	45	41	-	24	-	-	24		
Sherman	216	210	6	-	64	34	30	-	12	-	-	12		
Sioux	3	-	3	-	14	14	-	-	-	-	-	-		
Stanton	17	-	17	-	40	39	1	-	-	-	-	-		
Thayer	182	137	45	-	81	74	7	-	1	-	-	1		
Thomas	17	5	12	-	13	13	-	-	-	-	-	-		
Thurston	215	192	22	-	83	52	31	-	31	17	-	14		
Valley	140	117	23	-	69	44	25	-	25	-	-	25		
Washington	162	162	-	-	86	65	21	4	16	-	-	4		
Wayne	257	228	9	-	59	36	22	-	22	-	-	22		
Webster	121	91	30	-	70	64	6	-	2	-	2	-		
Wheeler	1	-	1	-	7	7	-	-	-	-	-	-		
York	392	369	3	-	134	63	71	6	64	-	-	70		
NEVADA	4,190	4,092	90	1	1,675	744	931	43	889	76	29	598	115	84
Churchill	102	101	1	-	68	30	38	-	35	-	-	-	35	
Clark	1,256	1,229	26	-	376	154	222	-	215	30	-	146	4	35
Douglas	51	46	2	-	28	28	-	-	-	-	-	-	-	
Elko	272	261	8	1	112	61	51	8	43	3	-	48	-	
Esmeralda	-	-	-	-	16	11	5	5	-	-	-	5	-	
Eureka	2	-	2	-	15	12	3	-	3	-	-	3	-	
Humboldt	146	140	6	-	58	28	30	-	30	-	-	30	-	
Lander	6	6	-	-	21	10	11	-	11	-	-	11	-	
Lincoln	120	115	5	-	37	22	15	-	15	-	-	15	-	
Lyon	61	54	7	-	45	29	16	-	15	-	-	15	-	
Mineral	240	240	-	-	57	14	43	-	43	22	-	21	-	
Nye	42	37	3	-	33	22	11	-	11	-	-	11	-	
Ormsby	9	2	7	-	23	15	8	-	1	3	-	1	-	
Perkins	54	53	1	-	46	26	20	4	20	1	3	20	-	
Storey	1	-	1	-	7	6	1	-	1	-	-	1	-	
Washoe	1,484	1,475	7	-	651	225	406	26	365	26	26	241	104	
Reno	1,480	1,475	5	-	555	164	391	11	365	20	11	241	104	
Balance of county	4	-	2	-	76	61	15	15	-	-	15	-	-	
White Pine	344	333	11	-	102	51	51	-	51	-	-	34	7	
NEW HAMPSHIRE	13,858	13,366	271	-	6,223	3,096	3,127	542	2,430	1	318	423	1,411	618
Bellamy	668	679	9	-	303	155	145	17	119	-	11	3	122	
Laconia	681	679	2	-	215	73	142	17	119	-	11	3	122	
Balance of county	7	-	7	-	85	62	3	-	-	-	-	-	-	
Carroll	415	411	5	-	233	127	86	2	78	-	-	2	48	
Chester	731	754	37	-	390	227	163	15	119	-	-	5	118	
Keene	756	753	3	-	208	85	123	1	117	-	-	1	117	
Balance of county	35	1	34	-	182	142	40	14	2	-	-	5	1	
Cook	986	952	34	-	390	195	195	1	183	-	-	47	81	
Berlin	511	510	1	-	172	86	106	-	99	-	-	1	106	
Balance of county	475	442	33	-	218	129	89	1	84	-	-	47	15	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in Institution	DEATHS								
	Total ¹	Attended by—					Total	Total	In institution		Type of control				
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary
NEW HAMPSHIRE—Continued															
Grafton	1,667	1,613	49	-	628	290	336	-	328	-	11	18	273	26	
Hillsborough	4,253	4,201	51	-	1,753	649	904	89	766	1	-	190	445	219	
Manchester	2,440	2,403	31	-	857	457	400	13	371	-	-	5	279	100	
Nashua	1,314	1,307	6	-	429	182	247	14	219	-	-	-	120	113	
Balance of county	489	485	14	-	467	210	257	62	176	1	-	185	46	6	
Merrimack	1,465	1,442	21	-	1,017	343	669	327	320	-	296	4	313	54	
Concord	1,020	1,016	4	-	657	140	517	320	193	-	296	-	217	-	
Balance of county	445	426	17	-	360	203	157	7	127	-	-	4	96	34	
Rockingham	1,545	1,512	33	-	755	440	315	61	247	-	-	49	1	258	
Portsmouth	735	723	6	-	212	91	121	12	109	-	-	49	-	121	
Balance of county	810	785	25	-	543	349	194	49	138	-	-	49	1	137	
Strafford	1,325	1,300	25	-	521	323	198	12	174	-	-	87	-	99	
Dover	473	472	1	-	202	93	103	10	84	-	-	85	-	9	
Rochester	854	827	7	-	178	85	95	2	90	-	-	18	-	90	
Balance of county	18	17	1	-	141	139	2	-	-	-	-	2	-	-	
Sullivan	524	517	7	-	256	141	115	18	96	-	-	18	-	96	
Claremont (town)	373	371	2	-	132	71	61	-	61	-	-	-	-	61	
Balance of county	151	146	5	-	124	70	54	18	35	-	-	18	-	35	
NEW JERSEY	103,185	99,182	3,479	492	47,521	24,454	23,067	3,094	19,671	284	1,365	5,612	11,517	3,996	
Atlantic	2,909	2,581	211	16	1,942	1,117	825	89	727	-	-	118	112	586	
Atlantic City	1,929	1,882	37	9	1,155	579	576	1	573	-	-	-	1	573	
Pleasantville	84	57	11	1	113	113	-	-	-	-	-	-	-	-	
Balance of county	796	662	128	6	674	425	249	88	154	-	-	118	111	13	
Bergen	6,128	6,029	85	11	3,522	2,257	1,265	131	1,103	-	-	113	495	626	
Garfield	5	1	1	3	123	123	-	-	-	-	-	-	-	-	
Hackensack	2,326	2,319	7	-	619	134	485	2	483	-	-	-	2	483	
Teaneck (twp.) ⁵	1,830	1,826	3	-	317	128	189	16	173	-	-	-	173	16	
Bergenfield	5	5	-	-	58	58	-	-	-	-	-	-	-	-	
Cliffside Park	1	1	-	-	75	75	-	-	-	-	-	-	-	-	
Englewood	1,814	1,814	-	-	369	90	279	-	270	-	-	-	270	-	
Lodi	1	-	-	-	58	57	1	1	-	-	-	-	-	1	
Lynnhurst (twp.) ⁵	3	-	-	-	88	88	-	-	-	-	-	-	-	-	
Ridgefield Park	3	-	-	-	67	67	-	-	-	-	-	-	-	-	
Ridgewood	4	-	-	-	115	106	9	8	-	-	-	-	-	8	
Rutherford	2	-	-	-	93	93	-	-	-	-	-	-	-	-	
Balance of county	132	69	56	7	1,540	1,239	302	104	177	-	-	113	50	118	
Burlington	2,041	1,763	276	1	1,065	647	438	107	313	94	8	86	214	18	
Burlington	85	47	38	-	102	73	29	-	21	-	-	-	10	11	
Balance of county	1,956	1,716	238	1	983	574	409	107	292	94	8	86	204	7	
Camden	6,785	6,167	527	78	3,050	1,672	1,378	84	1,275	-	-	365	544	450	
Camden	6,131	5,788	267	69	1,727	776	951	1	950	-	-	14	517	420	
Collingswood	85	61	2	-	107	101	6	4	-	-	-	-	4	-	
Gloucester City	34	-	33	-	81	61	-	-	-	-	-	-	-	-	
Pennsauken (twp.) ⁵	24	-	23	-	90	90	-	-	-	-	-	-	-	-	
Balance of county	513	288	202	9	1,045	624	421	79	325	-	-	351	23	30	
Cape May	405	332	70	-	498	413	85	50	17	-	31	19	-	17	
Cumberland	2,125	1,925	199	-	1,030	560	470	100	359	-	52	50	236	149	
Bridgeton	897	843	54	-	271	134	137	-	137	-	-	-	118	19	
Millville	393	391	2	-	214	122	92	-	92	-	-	-	92	-	
Balance of county	835	691	143	-	545	304	241	109	130	-	52	50	6	130	
Essex	22,202	21,794	321	61	9,312	4,219	5,094	506	4,522	1	-	2,032	2,682	303	
Newark	14,658	14,340	252	65	5,109	1,983	3,121	149	2,922	1	-	1,284	1,686	87	
Belleville	17	3	8	6	183	157	26	4	22	-	-	25	-	1	
Bloomfield	6	4	2	-	244	18	2	12	22	-	-	-	-	14	
East Orange	1,038	1,026	7	4	545	409	136	-	135	-	-	-	135	-	
Irvington	767	765	1	1	468	267	201	7	194	-	-	194	7	-	
Montclair	939	927	12	-	420	260	140	5	133	-	-	-	109	29	
Orange	3,042	3,016	22	1	780	199	581	6	575	-	-	-	424	155	
West Orange	3	-	3	-	122	121	1	-	-	-	-	-	-	-	
Maplewood (twp.) ⁵	1	-	1	-	136	123	13	13	-	-	-	-	-	13	
Millburn (twp.) ⁵	1	-	1	-	59	59	-	-	-	-	-	-	-	-	
Rutley	6	-	4	2	109	108	-	-	-	-	-	-	-	-	
South Orange	-	-	-	-	78	78	-	-	-	-	-	-	-	-	
Balance of county	1,704	1,697	6	-	1,061	204	857	321	531	-	-	529	319	4	
Gloucester	1,665	1,411	253	-	734	597	137	24	103	-	-	23	86	18	
Rudson	15,116	14,691	184	39	6,789	3,029	3,760	289	3,470	-	-	2,164	1,531	43	
Jersey City	11,266	11,147	102	6	3,733	1,321	2,412	21	2,391	-	-	1,840	536	33	
Bayonne	1,476	1,446	21	9	596	333	263	-	263	-	-	-	259	4	
Hoboken	1,133	1,119	10	4	658	238	420	-	420	-	-	-	420	-	
Keasbey	635	631	3	1	319	216	103	-	103	-	-	-	103	-	
North Bergen (twp.) ⁵	15	-	9	6	192	190	2	2	-	-	-	-	1	1	
Union City	35	20	13	2	309	303	5	-	5	-	-	-	-	5	
West New York	11	-	5	6	169	169	-	-	-	-	-	-	-	-	
Harrison	14	-	11	3	82	82	-	-	-	-	-	-	-	-	
Weehawken (twp.) ⁵	534	528	5	-	313	103	210	-	210	-	-	-	210	-	
Balance of county	7	-	5	2	420	75	345	266	78	-	-	344	-	-	
Rutherford	166	54	111	1	368	318	50	3	26	-	21	-	-	8	
Mercer	6,158	5,983	169	4	2,770	1,089	1,681	357	1,314	-	327	157	1,009	178	
Trenton	5,493	5,381	109	3	1,967	640	1,327	291	1,035	-	290	2	990	44	
Balance of county	665	602	61	1	803	449	354	66	279	-	37	155	19	154	
Middlesex	5,303	5,086	143	99	2,152	1,161	991	9	981	20	6	73	443	448	
New Brunswick	2,916	2,895	17	1	1,606	1,74	432	-	432	-	-	-	431	-	
Parth Amboy	1,655	1,605	31	19	493	193	300	-	300	-	-	-	-	300	
Woodbridge (twp.) ⁵	41	-	16	25	149	135	13	3	10	-	3	-	-	10	
Carteret	38	-	12	26	56	56	-	-	-	-	-	-	-	-	
South River	6	-	3	3	49	49	-	-	-	-	-	-	-	-	
Balance of county	647	586	64	15	800	554	246	6	238	20	3	72	12	138	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS								
	Total ¹	Attended by—					Total	Total	In institution				County, city, county	Non-profit	Proprietary
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State				Type of control
NEW JERSEY—Continued															
Morristown	4,521	4,413	103	-	2,564	1,298	1,266	357	885	18	285	100	485	356	
Asbury Park	13	-	13	-	114	114	-	-	-	-	-	-	-	-	
Long Branch	2,067	2,067	2	-	524	111	413	-	413	-	-	-	413	-	
Neptune (twp.) ⁵	1,335	1,335	16	-	412	117	295	16	279	-	-	-	-	279	
Red Bank	502	499	4	-	164	89	75	-	86	-	-	-	-	86	
Balance of county	566	499	68	-	1,350	867	483	341	157	18	285	100	-	77	
Morris	2,732	2,625	107	4	2,008	959	1,149	625	513	1	585	32	346	171	
Dover	924	896	17	1	263	65	199	-	199	-	-	-	-	199	
Morris town	1,722	1,719	3	-	372	113	259	-	259	-	-	-	-	113	
Balance of county	95	10	83	3	1,374	683	691	625	52	1	585	32	29	30	
Ocean	1,140	1,065	74	-	679	409	271	1	241	9	-	-	-	241	
Passaic	10,426	10,261	165	10	3,523	1,692	1,631	126	1,694	-	2	142	1,419	257	
Peterston	5,865	5,813	70	4	1,868	755	1,103	36	1,067	-	-	-	1	1,066	
Clifton	7	-	6	1	237	237	-	-	-	-	-	-	-	-	
Passaic	4,472	4,450	16	5	874	302	572	3	568	-	-	-	-	351	
Emworth	6	-	6	-	75	75	-	-	-	-	-	-	-	75	
Balance of county	56	1	53	-	471	318	156	87	59	-	2	141	2	1	
Salem	825	749	76	-	430	316	114	15	98	-	-	14	86	1	
Warren	1,622	1,542	58	22	913	425	488	194	292	141	50	-	273	22	
North Plainfield	4	-	4	-	86	74	12	-	12	-	-	-	-	12	
Balance of county	1,618	1,542	54	22	827	351	476	194	280	141	50	-	273	10	
Sussex	1,070	1,002	68	-	362	243	119	2	115	-	-	-	2	115	
Union	9,032	8,696	197	136	3,216	1,744	1,472	1	1,464	-	-	-	90	1,042	
Elizabeth	4,335	4,145	71	117	1,324	612	712	-	721	-	-	-	11	424	
Plainfield	2,575	2,552	23	-	562	192	370	-	370	-	-	-	-	370	
Cranford (twp.) ⁵	9	-	7	2	110	81	29	-	27	-	-	-	-	27	
Hillside (twp.) ⁵	7	-	6	1	86	86	-	-	-	-	-	-	-	-	
Linden	30	1	20	9	83	83	-	-	-	-	-	-	-	-	
Rahway	835	814	16	2	203	99	114	-	114	-	-	-	-	114	
Roselle	11	-	10	1	73	72	1	1	-	-	-	-	-	1	
Summit	1,165	1,164	1	-	256	101	155	-	155	-	-	-	-	155	
Union (twp.) ⁵	1	-	1	-	136	136	-	-	-	-	-	-	-	-	
Westfield	9	-	9	-	109	109	-	-	-	-	-	-	-	-	
Balance of county	37	-	33	4	274	184	90	-	87	-	-	-	79	6	
Warren	328	327	100	-	574	391	183	16	162	-	-	-	12	166	
Phillipsburg	853	826	27	-	277	115	162	-	162	-	-	-	-	162	
Balance of county	75	1	73	-	297	276	21	16	-	-	-	-	12	4	
NEW MEXICO															
Bernalillo	20,536	15,140	4,020	2,551	5,623	3,261	2,362	74	2,075	328	189	181	1,026	425	
Albuquerque	3,838	3,005	611	197	1,142	550	592	-	527	145	-	1	369	14	
Balance of county	2,555	2,770	140	35	690	224	466	-	404	21	-	1	369	13	
Catron	833	235	471	162	482	326	126	-	126	122	-	-	-	1	
Chaves	35	1	16	6	16	16	-	-	-	-	-	-	-	-	
Roswell	1,328	1,198	71	61	262	123	139	-	139	2	-	-	-	137	
Balance of county	1,251	1,188	14	44	318	82	136	-	136	-	-	-	-	136	
Colfax	77	-	57	17	44	41	3	-	3	2	-	-	-	24	
Curry	591	516	34	26	214	110	104	-	104	-	80	-	-	1	
Clovis	932	893	5	34	169	80	89	-	82	-	-	72	6	4	
Balance of county	930	893	5	32	143	54	89	-	82	-	-	72	6	4	
De Baca	2	-	-	2	26	26	-	-	-	-	-	-	-	-	
Dona Ana	97	82	3	9	42	27	15	-	15	-	-	-	-	15	
Eddy	1,231	352	742	89	245	190	55	-	55	-	-	-	-	53	
Grant	1,324	1,066	186	46	295	144	151	-	148	-	-	47	101	2	
Gundalup	722	590	90	29	217	106	111	-	111	36	-	-	75	-	
Harding	163	-	107	60	55	54	1	-	1	-	-	-	-	1	
Hidalgo	50	-	37	12	18	18	-	-	-	-	-	-	-	-	
Lea	130	89	25	14	52	40	12	-	11	-	-	-	-	11	
Hobbs	644	628	15	-	139	81	58	-	48	-	-	-	-	48	
Balance of county	505	502	3	-	96	46	50	-	48	-	-	-	-	48	
Lincoln	139	126	12	-	43	35	8	-	-	-	-	-	-	-	
Luna	185	59	74	47	59	40	16	-	16	11	-	-	-	7	
McKinley	276	193	80	3	62	55	27	-	20	-	-	1	19	-	
Mora	877	611	41	91	266	116	150	-	138	53	-	-	-	85	
Otero	282	-	129	114	74	64	10	-	10	1	-	-	9	-	
Quay	372	149	179	20	132	105	27	-	26	9	-	2	-	15	
Rio Arriba	433	370	16	45	141	68	73	-	68	-	-	58	-	10	
Reconect	874	300	312	193	208	161	47	-	36	2	-	-	33	1	
Sandoval	341	323	18	-	94	78	16	-	-	-	-	-	-	-	
Santa Fe	534	181	125	140	139	112	27	-	-	-	-	-	-	-	
San Juan	448	373	49	3	162	65	97	-	83	40	-	-	34	6	
San Miguel	1,124	490	75	510	406	175	231	74	150	-	74	-	156	-	
Santa Fe	1,416	863	192	328	333	185	148	-	131	18	-	-	113	-	
Balance of county	1,169	799	112	247	277	126	144	-	131	15	-	-	113	-	
Sierra	247	84	80	81	63	59	4	-	-	-	-	-	-	-	
Scotts	138	91	36	8	75	53	23	-	23	-	1	-	-	22	
Scotts	352	93	213	35	135	87	46	-	44	-	34	-	-	10	
Taos	535	260	59	200	134	92	42	-	41	4	-	-	-	37	
Torrance	265	49	137	62	57	47	10	-	10	-	-	-	-	10	
Union	215	109	77	22	65	44	21	-	21	-	-	-	-	21	
Valencia	714	206	266	154	197	175	22	-	3	-	-	-	-	3	
NEW YORK															
Albany	324,246	316,056	7,549	385	157,525	70,839	86,636	12,662	72,286	1,879	7,641	28,253	33,482	13,659	
Albany	5,329	5,157	150	21	2,920	1,483	1,437	195	1,192	-	-	122	1,152	113	
Albany	4,888	4,784	85	17	1,970	813	1,157	63	1,072	-	-	-	1,071	64	
Cohoes	386	371	14	1	243	163	80	1	79	-	-	1	79	-	
Watervliet	14	-	14	-	124	124	-	-	-	-	-	-	-	-	
Balance of county	41	2	36	3	583	383	200	131	41	-	-	121	2	49	
Allegany	940	912	28	-	420	261	159	14	144	-	-	90	48	20	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, or county	Non-profit	Proprietary		
NEW YORK—Continued														
Broome	5,490	5,420	68	-	2,055	743	1,312	306	986	-	271	634	344	43
Binghamton	2,701	2,689	12	-	1,244	368	876	279	586	-	271	496	72	26
Endicott	896	895	1	-	166	69	97	-	96	-	-	96	-	-
Johnson City	1,654	1,652	2	-	329	55	274	1	272	-	-	1	272	-
Balance of county	237	184	53	-	316	251	65	26	32	-	-	-	-	17
Cattaraugus	2,219	2,147	67	2	694	452	442	14	418	-	-	133	268	31
Olean	1,300	1,296	4	-	337	89	248	-	248	-	-	-	220	28
Balance of county	919	651	63	2	557	363	194	14	170	-	-	133	48	3
Cayuga	1,684	1,655	27	-	1,32	366	466	25	410	-	-	5	17	364
Auburn	1,633	1,627	6	-	585	155	430	5	408	-	-	5	1	364
Balance of county	51	28	21	-	247	211	56	20	2	-	-	16	-	6
Chautauque	3,263	3,197	62	-	1,518	836	682	39	634	-	-	268	199	206
Jamestown	1,923	1,914	9	-	644	255	389	1	386	-	-	230	156	1
Dunkirk	728	724	4	-	260	108	152	1	150	-	-	-	1	180
Balance of county	612	559	49	-	614	473	141	37	98	-	-	38	42	55
Chemung	2,485	2,474	11	-	925	415	510	24	483	-	4	27	459	17
Elmira	2,475	2,474	1	-	742	263	479	8	470	-	4	1	459	14
Balance of county	13	-	10	-	183	152	31	16	13	-	-	26	-	3
Chemango	995	953	40	-	466	262	204	36	156	-	-	23	13	84
Clinton	1,485	1,308	173	2	603	318	285	43	227	-	-	34	8	227
Plattsburgh	1,317	1,308	9	-	325	84	241	1	227	-	-	-	-	1
Balance of county	168	-	164	2	278	234	44	42	-	-	34	8	-	-
Columbia	734	704	30	-	550	319	231	28	185	-	-	25	152	36
Hudson	642	634	8	-	235	66	169	18	151	-	-	-	152	17
Balance of county	92	70	22	-	315	253	62	10	34	-	-	25	-	19
Cortland	1,194	1,159	29	5	482	250	232	6	212	-	-	3	199	16
Cortland	1,165	1,159	4	2	348	120	228	2	212	-	-	1	197	16
Balance of county	29	-	25	3	134	130	4	4	-	-	-	2	-	-
Delaware	1,211	1,075	133	-	503	300	203	31	159	-	-	64	95	31
Dutchess	2,368	2,295	60	11	2,283	754	1,529	906	609	94	872	50	169	340
Poughkeepsie	1,217	1,190	20	7	586	278	308	14	286	-	-	8	8	284
Beacon	322	317	5	-	202	87	115	57	58	-	-	57	-	5
Balance of county	829	768	35	4	1,495	389	1,106	835	265	94	815	42	108	51
Erie	20,384	19,712	615	43	9,552	4,510	5,042	796	4,171	30	576	1,310	2,506	545
Buffalo	18,105	17,771	290	56	7,462	3,179	4,303	317	3,922	30	337	1,136	2,215	521
Kemora	4	-	-	-	105	95	10	-	-	-	-	-	10	-
Lackawanna	1,750	1,683	42	5	337	108	229	3	225	-	-	-	215	13
Tonawanda	7	-	-	-	85	84	1	-	-	-	-	-	-	-
Balance of county	538	258	274	2	1,543	1,044	499	466	24	-	239	174	66	11
Essex	1,211	904	106	-	485	296	189	12	165	-	35	28	65	49
Franklin	1,090	748	340	-	598	328	271	8	253	80	-	4	174	3
Pulton	1,070	1,049	21	-	514	350	264	12	219	-	-	3	190	38
Gloversville	1,056	1,048	8	-	399	171	228	8	209	-	-	1	188	28
Johnstown	5	-	-	-	124	97	27	2	8	-	-	-	2	8
Balance of county	9	1	6	-	91	82	9	2	2	-	-	2	-	2
Genesee	1,341	1,316	24	-	608	249	359	23	333	118	-	23	208	7
Batavia	1,320	1,316	4	-	431	96	335	-	333	118	-	-	208	7
Balance of county	21	-	20	-	177	153	24	23	-	-	-	23	-	-
Greene	547	528	19	-	368	253	116	12	101	-	1	111	1	-
Hamilton	11	-	-	-	48	48	-	-	-	-	-	-	-	-
Herkimer	1,508	1,468	37	-	674	378	296	11	274	-	-	16	100	169
Little Falls	591	589	2	-	159	49	110	-	108	-	-	-	97	11
Balance of county	917	879	35	-	515	329	186	11	166	-	-	16	3	158
Jefferson	2,313	2,157	156	-	1,073	576	497	13	463	1	-	98	160	227
Watertown	1,709	1,687	22	-	610	221	389	3	377	-	-	65	159	156
Balance of county	604	470	134	-	463	355	108	10	86	1	-	23	1	71
Lewis	495	407	83	1	239	167	72	9	58	-	-	66	-	1
Livingston	372	343	27	-	468	264	204	107	78	-	130	2	43	9
Madison	1,131	1,074	56	-	521	344	177	19	145	-	-	136	-	28
Oneida	903	895	8	-	205	70	135	3	131	-	-	117	-	17
Balance of county	228	179	46	-	316	274	42	16	14	-	-	19	-	11
Monroe	11,826	11,700	106	-	5,444	2,269	3,175	774	2,270	-	328	496	1,763	457
Rochester	11,520	11,438	67	-	4,197	1,589	2,608	363	2,138	-	328	3	1,749	421
Irondequoit (town)	6	-	-	-	133	131	2	-	-	-	-	-	-	-
Balance of county	300	262	35	-	1,114	549	565	411	132	-	-	493	14	36
Montgomery	1,339	1,312	25	2	701	392	309	6	289	-	-	4	290	1
Amsterdam	1,314	1,311	3	1	515	213	302	3	289	-	-	1	290	1
Balance of county	25	1	23	1	186	179	7	3	-	-	-	3	-	-
Nassau	9,653	9,459	190	-	4,067	2,524	1,543	59	1,429	4	-	701	443	339
Floral Park	363	-	-	-	121	102	19	-	19	-	-	-	-	19
Freeport	631	623	8	-	177	165	12	-	10	-	-	-	-	10
Garden City	-	-	-	-	75	75	-	-	-	-	-	-	-	-
Glen Cove	989	973	16	-	181	58	123	-	123	-	-	1	122	6
Hempstead	2	-	-	-	368	361	7	6	-	-	-	-	-	-
Lynbrook	1	-	-	-	105	105	-	-	-	-	-	-	-	-
Mineola	1,624	1,623	1	-	285	43	222	1	221	-	-	1	221	-
Rockville Centre	2,656	2,653	3	-	249	134	115	11	95	-	-	-	95	11
Valley Stream	4	-	-	-	104	94	10	1	9	-	-	-	-	10
Balance of county	3,393	3,228	151	-	2,422	1,387	1,035	40	952	4	-	699	5	283
New York City ³	170,356	167,390	2,968	269	80,817	33,697	47,120	4,329	42,454	1,237	1,973	21,322	15,638	6,613
Niagara	4,815	4,763	51	-	1,688	768	920	105	790	-	-	346	531	18
Niagara Falls	2,933	2,910	22	-	795	275	520	-	515	-	-	3	510	3
Lockport	965	962	3	-	336	160	176	23	140	-	-	136	21	4
North Tonawanda	896	890	6	-	184	94	90	-	89	-	-	89	-	-
Balance of county	21	1	20	-	373	239	134	82	45	-	-	116	-	11
Oneida	5,358	5,175	180	1	3,014	1,171	1,843	659	1,140	-	-	532	576	139
Utica	3,770	3,730	37	1	1,540	537	1,018	293	710	-	-	169	86	114
Rome	1,372	1,355	17	-	635	154	481	81	384	-	-	75	383	-
Balance of county	216	80	126	-	831	487	344	285	48	-	268	31	8	24

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Type of institution		Type of control				
							Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary	
NEW YORK—Continued														
Onondaga	8,394	8,246	125	2	3,617	1,899	1,718	202	1,439	-	11	224	1,193	213
Syracuse	8,220	8,169	45	-	2,786	1,288	1,497	55	1,372	-	11	25	1,190	199
Balance of county	164	77	80	2	851	610	221	147	67	-	-	199	1	14
Ontario	1,607	1,593	24	-	781	373	408	53	346	44	-	10	215	150
Geneva	696	668	6	-	229	111	118	3	115	-	-	-	1	117
Balance of county	911	895	16	-	552	262	290	50	251	44	-	10	214	113
Orange	3,722	3,528	193	-	1,843	917	1,026	324	687	14	240	104	457	196
Newburgh	1,212	1,170	42	-	463	186	277	30	246	-	-	45	250	1
Middletown	824	814	10	-	522	120	402	241	155	-	240	-	109	47
Balance of county	1,686	1,544	141	-	958	611	347	53	286	14	-	59	118	148
Orleans	719	698	21	-	343	215	128	1	116	-	1	20	95	3
Oswego	1,674	1,465	207	1	816	598	220	20	180	-	-	88	110	2
Fulton	639	630	9	-	159	96	63	-	61	-	-	61	-	-
Oswego	843	834	9	-	300	188	112	-	110	-	-	-	110	-
Balance of county	192	1	189	1	357	312	45	20	9	-	-	27	-	25
Otsego	1,186	1,124	61	-	688	348	340	33	286	-	47	24	225	23
Oneonta	638	537	1	-	240	89	151	-	143	-	-	-	133	10
Balance of county	548	467	60	-	448	259	189	33	143	-	47	24	92	13
Putnam	291	274	17	-	233	155	78	1	54	-	-	1	4	50
Rensselaer	3,570	3,473	89	8	1,743	882	861	120	683	-	-	32	356	375
Troy	3,408	3,367	16	5	1,274	478	796	119	651	-	-	69	335	366
Rensselaer	9	-	7	2	70	70	-	-	-	-	-	-	-	-
Balance of county	153	86	66	1	399	334	65	1	32	-	-	23	1	9
Rockland	1,812	1,762	28	-	1,163	399	764	431	321	2	381	16	291	60
St. Lawrence	2,660	2,458	199	1	1,237	620	617	187	402	-	147	79	229	134
Massena	588	577	11	-	124	64	60	-	60	-	-	60	-	-
Ogdensburg	590	589	1	-	407	63	344	156	183	-	147	-	185	9
Balance of county	1,462	1,292	187	1	706	493	213	31	159	-	-	19	46	125
Saratoga	938	868	68	-	869	568	301	25	225	7	3	37	13	190
Saratoga Springs	573	569	4	-	280	148	132	-	131	6	-	-	-	126
Balance of county	365	299	64	-	589	420	169	25	94	1	3	37	13	65
Schenectady	3,431	3,390	36	4	1,327	653	674	116	515	-	1	130	10	490
Schenectady	2,040	2,014	23	3	969	463	506	18	448	-	1	9	10	446
Balance of county	1,391	1,376	15	1	358	190	168	98	67	-	-	121	-	44
Schoharie	340	211	126	-	205	156	49	1	23	-	-	2	-	22
Schuyler	262	271	10	-	151	92	59	-	58	-	-	-	58	-
Seneca	468	474	14	-	553	169	364	246	128	13	241	47	58	15
Stauben	2,696	2,572	118	-	1,296	575	721	14	677	175	-	7	254	255
Cornwall	1,024	1,021	3	-	265	99	166	-	166	-	-	-	166	-
Kornell	623	621	2	-	225	80	145	-	145	-	-	-	-	145
Balance of county	1,049	930	113	-	806	396	410	14	366	175	-	7	88	110
Suffolk	5,050	4,892	153	4	4,281	1,490	2,791	1,812	909	70	1,654	103	315	579
Sullivan	862	800	80	1	604	384	220	11	205	-	4	9	144	59
Tioga	445	443	48	-	349	206	143	9	129	-	-	8	111	19
Tompkins	1,335	1,304	29	-	504	250	254	21	228	-	25	4	16	204
Ithaca	1,308	1,302	5	-	308	105	203	2	201	-	-	2	200	-
Balance of county	27	2	24	-	196	145	51	19	27	-	24	4	14	4
Ulster	1,571	1,524	44	1	1,128	608	520	12	499	-	4	19	320	168
Kingston	1,194	1,167	6	-	619	202	417	4	409	-	-	16	310	78
Balance of county	377	337	38	1	509	406	103	8	90	-	4	3	1	90
Warren	1,774	1,699	75	-	583	303	280	5	265	-	-	10	227	33
Glen Falls	1,707	1,698	9	-	402	134	268	3	256	-	-	-	227	32
Balance of county	87	1	86	-	181	169	12	2	9	-	-	10	-	1
Washington	598	486	109	1	502	339	163	22	124	-	4	17	1	124
Wayne	819	771	48	-	640	384	256	57	188	-	56	46	-	143
Westchester	12,986	12,857	100	4	5,891	2,575	3,316	299	2,927	-	28	420	2,301	477
Yonkers	3,630	3,601	28	-	1,391	595	796	25	785	-	-	17	623	140
Mount Vernon	1,683	1,683	17	2	639	272	367	12	341	-	-	300	53	-
New Rochelle	1,531	1,519	11	-	679	271	408	11	385	-	-	-	368	28
White Plains	1,554	1,550	3	-	532	215	317	-	309	-	-	1	307	1
Mamaroneck	1	-	1	-	76	76	-	-	-	-	-	-	-	-
Ossining	427	426	1	-	205	71	134	34	88	-	28	-	93	1
Peekskill	594	586	8	-	208	106	100	-	97	-	-	-	96	1
Port Chester	1,325	1,321	4	-	311	84	227	-	227	-	-	-	226	1
Scarsdale	-	-	-	-	46	46	-	-	-	-	-	-	-	-
Balance of county	2,221	2,191	27	2	1,806	639	967	217	725	-	-	402	288	252
Wyoming	628	603	23	-	390	229	161	14	146	-	10	147	-	3
Yates	318	299	9	-	256	161	95	5	79	-	-	1	1	62
NORTH CAROLINA														
Alamance	1,843	1,386	443	14	367	310	57	6	45	-	-	13	-	38
Burlington	981	873	108	-	147	106	41	-	39	-	-	4	-	35
Balance of county	862	513	335	14	220	204	16	6	6	-	-	9	-	3
Alexander	179	-	176	3	86	86	-	-	-	-	-	-	-	-
Alleghany	116	-	115	1	51	51	-	-	-	-	-	-	-	-
Anson	863	312	215	336	238	191	47	4	42	-	-	4	42	-
Ash	683	451	160	69	151	103	28	1	27	-	-	1	27	-
Avery	558	512	4	41	95	50	45	-	44	-	-	-	44	-
Beaufort	1,401	1,040	130	230	362	257	105	-	105	-	-	-	95	10
Bertie	760	354	135	291	184	171	13	-	12	-	-	1	-	12
Bladen	709	1	464	244	157	156	1	-	-	-	-	-	-	-
Brunswick	428	179	9	240	100	78	22	3	19	-	-	22	-	-
Buncombe	3,401	2,974	291	134	1,296	587	709	12	676	199	44	9	404	32
Asheville	3,132	2,972	53	106	752	309	443	3	425	-	-	-	398	30
Balance of county	269	2	238	28	544	278	266	9	251	199	44	9	6	2
Burke	1,178	1,046	42	42	339	112	227	110	111	-	107	3	106	2
Cabarrus	1,954	1,753	145	55	335	190	145	-	129	-	-	-	129	-
Concord	32	4	20	8	51	51	-	-	-	-	-	-	-	-
Balance of county	1,922	1,749	125	47	284	139	145	-	129	-	-	129	-	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in Institution	DEATHS							
	Total ¹	Attended by—					Total	In institution						
		Physician in hospital	Physician not in hospital	Midwife				Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary
NORTH CAROLINA—Continued														
Caldwell	1,339	1,008	299	32	260	190	70	-	64	-	-	-	53	11
Camden	81	-	38	43	26	26	-	-	-	-	-	-	-	-
Carteret	674	538	65	71	161	116	45	-	45	-	-	-	45	-
Caswell	350	-	235	114	127	123	4	3	-	-	-	-	3	-
Catawba	1,983	1,824	40	98	394	248	146	1	145	-	1	1	48	96
Hickory	1,245	1,223	6	16	169	72	97	-	97	-	1	-	-	96
Balance of county	718	601	34	82	225	176	49	1	48	-	-	1	48	-
Chatham	542	197	260	85	146	133	13	1	10	-	1	-	10	-
Cherokee	683	488	40	146	108	48	60	4	47	-	-	-	29	18
Chowan	363	90	214	59	93	93	10	-	7	-	-	-	7	-
Clay	114	-	82	30	25	25	-	-	-	-	-	-	-	-
Cleveland	2,091	1,487	396	206	400	252	148	3	145	-	-	146	1	1
Shelby	1,245	1,218	12	15	211	68	143	-	143	-	-	142	1	-
Balance of county	846	269	384	191	189	184	5	3	2	-	-	4	-	1
Columbus	1,455	755	227	470	373	281	92	5	87	-	-	84	1	7
Craven	1,309	906	67	336	338	241	97	7	90	8	-	7	82	-
New Bern	742	605	7	130	198	116	82	-	82	-	-	-	-	-
Balance of county	567	301	60	206	140	125	15	7	8	8	-	7	-	-
Cumberland	2,812	1,996	306	508	734	351	383	4	373	110	4	13	250	1
Fayetteville	1,540	1,280	58	202	461	128	333	4	324	72	-	3	249	-
Balance of county	1,272	716	248	306	273	223	50	-	49	38	-	10	1	-
Currituck	81	1	41	39	53	53	-	-	-	-	-	-	-	-
Dare	63	-	56	6	30	30	-	-	-	-	-	-	-	-
Davidson	1,472	1,245	216	11	362	268	94	4	94	-	1	52	2	35
Lexington	751	725	26	-	108	58	50	-	50	-	-	48	1	1
Thomasville	485	470	7	8	90	55	35	1	34	-	1	1	1	32
Balance of county	236	50	183	3	164	155	9	3	-	-	-	3	-	-
Davis	194	-	188	5	92	92	-	-	-	-	-	-	-	-
Duplin	918	4	813	101	239	239	-	-	-	-	-	-	-	-
Durham	3,687	3,519	61	77	1,149	393	756	23	728	2	1	42	333	373
Durham	3,553	3,519	15	49	1,000	288	712	-	707	-	-	-	333	373
Balance of county	74	-	46	28	149	105	44	23	21	2	-	42	-	-
Edgecombe	1,556	651	523	382	410	300	110	6	94	-	-	21	52	27
Rocky Mount (part)	524	235	85	3	106	60	26	-	25	-	-	-	-	25
Balance of county	1,232	416	437	379	304	220	84	6	69	-	-	21	52	2
Forsyth	4,318	4,016	288	12	1,335	585	750	83	660	-	1	478	220	44
Winston-Salem	3,817	3,745	161	8	1,031	376	658	13	635	-	-	417	220	11
Balance of county	401	270	127	4	304	209	95	70	25	-	1	61	-	33
Franklin	622	228	207	187	172	165	7	5	5	-	-	5	-	-
Gaston	2,145	1,533	516	95	571	398	173	3	167	-	11	28	73	58
Gastonia	1,563	1,524	23	16	255	99	156	-	156	-	-	25	73	58
Balance of county	582	9	493	79	316	299	17	3	11	-	11	3	-	-
Gates	168	27	94	79	79	79	-	-	-	-	-	-	-	-
Graham	178	12	129	33	23	23	-	-	-	-	-	-	-	-
Granville	813	426	340	46	298	215	83	10	59	-	-	43	-	26
Greene	426	-	375	50	67	67	-	-	-	-	-	-	-	-
Gulford	5,149	4,715	369	42	1,299	720	578	24	550	-	-	50	522	2
Greensboro	3,124	3,093	28	3	641	256	385	4	376	-	-	1	377	2
High Point	1,727	1,621	94	12	328	183	145	-	145	-	-	-	145	-
Balance of county	298	1	267	27	330	261	49	20	29	-	-	49	-	-
Halifax	1,943	809	804	854	454	314	140	1	139	-	-	9	131	-
Harnett	1,517	1,100	365	152	343	242	101	5	93	-	-	77	21	-
Haywood	1,094	1,010	73	11	210	152	58	1	57	-	-	58	-	-
Henderson	836	752	76	7	277	185	112	-	112	-	-	1	111	-
Hertford	539	55	297	62	124	123	1	-	-	-	-	-	-	-
Hoke	339	2	199	188	249	114	135	-	135	-	135	-	-	-
Hydre	92	-	32	77	40	40	-	-	-	-	-	-	-	-
Iredell	2,159	1,822	248	88	487	240	247	4	240	-	-	4	240	-
Statesville	1,184	1,067	51	46	251	80	171	-	171	-	-	-	171	-
Balance of county	975	735	197	42	236	160	76	4	69	-	-	4	69	-
Jackson	497	219	195	77	140	115	25	1	23	-	-	1	23	-
Johnston	1,451	470	793	188	306	282	24	2	21	-	1	6	-	16
Jones	161	1	63	96	52	52	-	-	-	-	-	-	-	-
Lee	983	846	44	62	183	92	91	-	91	-	-	91	-	-
Lenoir	1,905	1,364	226	314	495	278	217	25	190	-	23	3	169	-
Kinston	1,539	1,364	48	127	322	130	192	-	190	-	-	1	169	-
Balance of county	366	-	178	167	173	148	25	25	-	-	23	2	-	-
Lincoln	785	609	121	52	157	99	58	1	57	-	-	1	24	33
McDowell	739	559	159	18	127	86	41	-	41	-	-	-	41	-
Macon	414	133	218	60	115	83	32	-	32	-	-	1	22	9
Madison	354	56	194	93	136	135	1	-	-	-	-	-	-	-
Martin	846	100	522	224	182	154	28	-	25	-	-	-	-	25
Mecklenburg	5,826	5,534	180	109	1,635	758	877	11	859	-	4	59	781	26
Charlotte	5,643	5,533	53	54	1,309	497	812	-	810	-	-	3	781	26
Balance of county	183	1	127	55	326	261	65	11	49	-	4	56	-	-
Mitchell	539	311	171	51	76	76	-	-	-	-	-	-	-	-
Montgomery	423	239	116	65	98	89	9	-	-	-	-	-	-	-
Moore	687	698	121	67	256	155	101	5	95	-	-	1	95	4
Nash	2,123	1,069	733	300	561	301	260	8	251	-	-	22	237	-
Rocky Mount (part)	1,197	1,068	95	14	323	86	237	-	237	-	-	-	237	-
Rocky Mount (total)	1,521	1,323	181	17	429	166	263	-	262	-	-	-	237	25
Balance of county	926	1	638	288	238	215	23	8	14	-	-	22	-	-
New Hanover	2,258	2,126	23	109	789	314	475	7	468	-	-	163	295	17
Wilmington	2,240	2,126	21	93	685	248	447	1	446	-	-	157	273	17
Balance of county	18	-	2	16	94	66	28	6	22	-	-	6	22	-
Northampton	619	2	277	338	162	162	-	-	-	-	-	-	-	-
Onslow	1,185	811	147	104	174	115	59	1	56	15	-	1	41	-
Orange	183	-	134	48	159	138	1	1	-	-	-	1	-	-
Paslico	241	2	174	65	61	61	-	-	-	-	-	-	-	-

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
NORTH CAROLINA—Continued														
Panquotank	799	533	93	173	219	124	95	-	95	-	-	32	13	-
Elizabeth City	633	533	19	81	173	78	95	-	95	-	-	32	13	-
Balance of county	166	-	74	82	46	46	-	-	-	-	-	-	-	-
Pender	345	-	123	222	101	101	-	-	-	-	-	-	-	-
Perquimans	184	-	74	110	79	78	1	-	-	-	-	-	-	-
Person	743	344	341	56	142	119	23	-	23	-	-	23	-	-
Pitt	1,742	751	695	295	405	325	80	1	71	-	-	1	71	-
Greenville	789	687	37	64	158	79	79	-	71	-	-	-	71	-
Balance of county	954	64	658	231	247	246	1	1	-	-	-	1	-	-
Polk	303	184	105	13	93	72	21	-	21	-	-	-	21	-
Randolph	1,209	1,012	159	39	274	183	81	4	77	-	-	4	65	12
Richmond	1,037	517	306	212	318	258	60	4	54	-	-	4	54	-
Robeson	2,904	1,109	1,202	593	599	444	155	10	143	-	-	10	141	2
Rockingham	1,777	1,294	427	55	430	294	136	2	134	-	-	2	80	54
Reidsville	781	723	47	6	149	69	80	-	80	-	-	-	80	-
Balance of county	996	566	380	49	281	225	56	2	54	-	-	2	-	54
Roman	1,599	1,237	299	63	533	336	197	12	184	-	-	12	168	16
Salisbury	1,285	1,234	40	11	297	113	184	-	184	-	-	-	168	16
Balance of county	314	3	258	52	256	223	13	12	-	-	-	12	-	-
Rutherford	1,236	526	640	70	285	213	72	1	70	-	-	1	1	69
Sampson	1,419	339	750	328	325	317	8	2	5	-	-	2	5	5
Scotland	884	353	170	358	212	165	47	-	43	-	-	43	-	-
Stanly	1,044	901	135	6	263	173	90	3	87	-	-	3	66	23
Stokes	340	20	302	18	121	119	2	-	-	-	-	-	-	-
Surry	1,959	1,412	496	44	376	254	122	2	118	-	-	2	118	-
Swain	356	112	186	53	62	51	11	-	11	11	-	-	-	-
Transylvania	474	260	205	5	76	64	12	-	12	-	-	-	-	12
Tyrrell	219	160	15	44	63	39	24	-	24	-	-	-	1	23
Union	1,266	841	324	101	513	231	82	11	65	-	-	11	76	-
Vance	964	634	105	217	340	185	155	5	149	-	-	5	147	-
Wake	3,652	2,723	673	256	1,185	531	654	158	490	-	149	26	436	37
Raleigh	2,782	2,170	21	51	869	220	649	157	490	-	148	28	456	37
Balance of county	870	13	652	205	316	311	5	1	-	-	1	-	-	-
Warren	574	123	74	474	202	201	1	-	1	-	-	-	-	1
Washington	276	51	95	130	107	104	3	-	-	-	-	-	-	-
Watauga	518	447	37	33	107	74	33	-	32	-	-	-	2	30
Wayne	1,849	803	843	173	822	324	498	365	131	-	362	7	126	1
Goldshoro	995	797	149	50	249	122	127	1	125	-	-	-	125	1
Balance of county	854	16	695	122	573	202	371	364	6	-	362	7	1	1
Wilkes	1,142	653	322	162	296	254	42	2	40	-	-	2	40	-
Wilson	1,962	1,083	616	262	571	332	239	6	230	-	31	71	134	-
Wilson	1,330	1,085	102	144	362	142	220	1	216	-	22	61	134	-
Balance of county	632	-	514	116	209	130	19	5	14	-	9	10	-	-
Yadkin	87	-	76	11	88	68	-	-	-	-	-	-	-	-
Yancey	222	4	93	124	61	61	-	-	-	-	-	-	-	-
NORTH DAKOTA														
Adams	123	113	10	-	22	19	3	-	3	-	-	-	-	3
Barnes	559	557	10	-	179	69	110	4	106	-	-	-	-	110
Benson	152	143	5	-	70	59	11	-	11	8	-	-	-	3
Billings	2	-	-	-	5	5	-	-	-	-	-	-	-	-
Bottineau	327	292	44	-	97	45	52	-	52	-	-	-	52	-
Bowman	80	70	8	1	18	18	-	-	-	-	-	-	-	-
Burke	96	80	5	-	28	21	7	-	7	-	-	-	-	-
Burlingame	1,539	1,530	7	-	349	39	310	6	304	-	2	-	308	-
Bismarck	1,535	1,530	4	-	339	30	309	5	304	-	1	-	308	-
Balance of county	4	-	3	-	10	9	1	1	-	-	1	-	-	-
Cass	2,391	2,370	21	-	587	187	400	5	386	44	-	44	295	8
Fargo	2,379	2,364	15	-	444	125	319	1	309	10	-	10	295	5
Balance of county	12	6	6	-	143	62	81	4	77	34	-	44	3	3
Cavalier	362	344	13	-	86	50	36	-	35	-	-	-	33	3
Dickey	203	172	31	-	53	45	8	-	8	-	-	-	-	-
Divide	189	107	2	-	52	18	34	17	16	-	-	-	16	17
Dunn	34	1	25	1	21	21	-	-	-	-	-	-	-	-
Eddy	193	189	4	-	37	14	23	-	23	-	-	-	23	-
Emmons	183	-	181	1	41	41	-	-	-	-	-	-	-	-
Foster	152	142	10	-	45	21	24	-	24	-	-	-	24	-
Golden Valley	130	126	4	-	38	15	23	-	23	-	-	-	-	23
Grand Forks	1,550	1,532	15	-	438	134	304	24	280	-	-	12	292	-
Grand Forks	1,411	1,402	9	-	331	76	255	-	255	-	-	1	254	-
Balance of county	139	130	6	-	107	58	49	24	25	-	-	11	38	-
Grant	236	222	10	-	53	31	22	-	22	-	-	-	-	22
Griggs	70	61	9	-	22	22	-	-	-	-	-	-	-	-
Hettinger	86	18	68	-	17	17	-	-	-	-	-	-	-	-
Kidder	14	-	10	2	13	13	-	-	-	-	-	-	-	-
La Moure	177	126	50	-	50	47	3	2	-	-	-	-	2	-
Logan	63	6	33	11	27	27	-	-	-	-	-	-	-	-
McHenry	13	2	7	2	50	50	-	-	-	-	-	-	-	-
McIntosh	92	4	84	1	34	34	-	-	-	-	-	-	-	-
McKenzie	24	13	9	1	29	29	-	-	-	-	-	-	-	-
McLean	130	98	34	-	57	47	10	-	10	10	-	-	-	-
Mercer	173	162	1	3	47	34	13	-	13	-	-	-	13	-
Norton	353	281	68	2	139	84	55	-	50	-	-	-	35	15
Nountrail	120	82	37	-	40	35	5	-	3	-	-	-	3	3
Nelson	109	107	2	-	66	35	31	3	28	-	-	-	3	28
Oliver	2	-	-	-	9	9	-	-	-	-	-	-	-	-
Pembina	122	80	36	2	100	87	13	-	13	-	-	-	-	13
Pierce	385	376	4	-	92	22	70	-	68	-	-	-	68	-
Ramsey	597	585	12	-	172	63	109	1	105	-	-	-	1	105

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
NORTH DAKOTA—Continued														
Ransom	57	27	30	-	60	58	2	1	-	-	1	-		
Renville	7	-	6	1	9	9	-	-	-	-	-	-		
Richland	163	154	9	-	95	66	29	-	29	-	-	3		
Rollette	392	361	5	-	138	39	99	23	34	12	30	-		
Sargent	9	2	7	-	39	39	-	-	-	-	-	-		
Sheridan	26	-	29	-	16	16	-	-	-	-	-	-		
Sioux	69	57	3	5	39	16	23	23	23	-	-	-		
Slope	1	-	-	-	6	6	-	-	-	-	-	-		
Stark	923	903	17	-	196	55	141	-	132	-	130	2		
Steele	85	82	2	-	36	18	18	-	18	16	-	-		
Stutsman	631	796	30	-	352	63	289	146	143	145	81	63		
Towner	106	92	14	-	41	39	3	-	3	-	-	3		
Truitt	163	173	10	-	77	53	24	-	21	-	21	-		
Walsh	609	595	14	-	196	97	99	25	64	25	64	-		
Ward	1,717	1,706	9	-	422	105	317	-	316	-	165	151		
Winst.	1,519	1,513	6	-	357	73	284	-	283	-	132	151		
Balance of county	196	196	3	-	65	32	33	-	-	-	35	-		
Wells	361	346	14	-	77	44	33	-	33	-	44	33		
Williams	722	710	12	-	165	58	107	1	106	-	40	67		
OTTO	197,275	183,219	13,583	41	61,967	44,760	37,207	4,533	31,390	996	2,492	7,577	17,552	7,272
Adams	402	5	399	-	203	203	-	-	-	-	-	-		
Allen	3,511	3,397	105	-	1,114	490	634	48	570	36	35	547		
Lima	3,119	3,070	43	-	794	269	525	-	519	-	-	519		
Balance of county	392	327	62	-	320	211	109	48	51	36	35	28		
Ashland	733	726	7	-	305	201	104	5	95	-	5	64		
Ashland	727	726	1	-	179	81	98	-	85	-	84	1		
Balance of county	6	-	6	-	126	120	6	5	-	-	5	-		
Ashtabula	1,713	1,644	69	-	893	556	327	57	265	-	56	256		
Ashtabula	961	941	20	-	316	155	161	2	159	-	1	160		
Balance of county	752	703	49	-	567	401	166	55	106	-	55	96		
Athens	612	501	309	-	535	353	182	106	75	89	7	85		
Anguize	67	1	66	-	260	230	30	6	-	-	5	1		
Belmont	2,079	1,871	203	-	970	593	372	21	307	-	25	111		
Belairs	332	347	4	-	193	104	89	-	89	-	-	89		
Merrins Ferry	1,053	1,049	4	-	284	79	205	-	184	-	-	184		
Balance of county	474	275	195	-	488	415	73	21	34	-	25	22		
Brown	246	3	236	-	234	226	8	-	-	-	-	-		
Butler	4,487	4,372	121	-	1,355	664	691	17	666	-	17	664		
Hamilton	2,729	2,673	52	-	737	293	454	2	450	-	2	450		
Middletown	1,711	1,699	13	-	397	170	217	-	216	-	-	216		
Balance of county	57	1	56	-	231	211	20	15	-	-	15	-		
Carroll	134	2	132	-	150	135	15	15	-	-	15	-		
Champaign	564	500	63	-	274	209	65	1	63	-	63	1		
Clark	2,861	2,653	205	-	1,260	669	591	103	465	-	463	89		
Springfield	2,796	2,653	140	-	1,035	522	513	49	441	-	433	41		
Balance of county	65	-	65	-	225	147	78	54	24	-	30	48		
Clermont	323	1	315	-	309	304	5	4	-	-	4	-		
Clinton	420	179	240	-	255	232	23	7	15	-	-	15		
Columbiana	2,909	2,582	318	-	1,134	694	450	21	360	-	33	349		
East Liverpool	1,400	1,322	75	-	416	191	225	-	207	-	19	189		
Salem	1,282	1,257	4	-	258	87	171	1	170	-	-	161		
Balance of county	247	3	239	-	460	406	54	20	3	-	14	9		
Coshocton	788	739	49	-	397	272	125	16	98	-	109	5		
Coshocton	748	738	10	-	224	111	113	5	98	-	98	-		
Balance of county	40	1	39	-	173	161	12	11	-	-	11	-		
Crawford	1,377	1,331	44	1	436	242	194	2	180	-	144	38		
Cuyahoga	35,267	34,291	958	4	13,974	8,892	7,082	492	6,421	370	253	1,643		
Cleveland	29,732	28,811	906	3	10,704	4,873	5,831	384	5,336	59	253	1,352		
Cleveland Heights	37	33	4	-	348	309	39	7	21	-	-	22		
East Cleveland	3,096	3,089	7	-	546	210	338	3	335	-	1	332		
Lakewood	1,210	1,200	10	-	608	411	197	9	186	-	179	2		
Euclid	4	-	4	-	183	138	45	1	6	-	-	1		
Garfield Heights	3	-	3	-	94	86	8	2	6	-	-	6		
Parma	4	-	4	-	92	80	12	11	1	1	-	11		
Shaker Heights	2	-	2	-	139	139	-	-	-	-	-	-		
Balance of county	1,179	1,158	18	1	1,258	646	612	75	530	310	151	13		
Darke	630	737	90	-	448	335	113	18	95	-	11	1		
Defiance	634	604	30	-	263	169	94	10	81	-	10	-		
Delaware	490	423	66	-	333	215	118	18	97	-	10	8		
Eric	1,183	1,169	14	-	602	268	334	70	262	-	47	23		
Sandusky	1,173	1,169	4	-	405	141	264	1	262	-	1	262		
Balance of county	10	-	10	-	197	127	70	69	-	-	47	22		
Fairfield	1,245	1,062	179	-	531	366	165	24	140	-	3	161		
Lancaster	1,125	1,062	60	-	303	163	140	-	140	-	-	140		
Balance of county	120	-	119	-	228	203	25	24	-	-	3	21		
Fayette	302	3	298	-	261	197	64	-	57	-	-	42		
Franklin	13,996	13,398	572	-	5,528	2,641	2,887	367	2,397	4	616	1,494		
Columbus	13,779	13,165	361	-	4,789	2,075	2,795	295	2,296	3	616	1,492		
Balance of county	217	23	191	-	739	566	173	72	101	1	145	2		
Fulton	614	563	31	-	289	195	94	3	77	-	3	64		
Gallia	911	723	153	2	485	181	304	139	165	-	137	2		
Geauga	332	252	78	2	185	157	28	16	3	-	16	3		
Greene	840	593	245	-	406	313	93	9	54	6	9	45		
Xenia	222	152	70	-	149	112	37	-	35	-	-	33		
Balance of county	618	441	175	-	257	201	56	9	21	8	9	13		
Guernsey	766	626	139	-	684	322	362	196	157	-	172	3		
Cambridge	671	626	31	-	321	140	185	21	157	-	-	1		
Balance of county	105	-	104	-	359	182	177	175	-	-	172	177		

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
OHIO—Continued														
Hamilton	19,034	18,428	554	-	8,590	4,045	4,545	664	3,809	-	271	1,582	2,064	558
Cincinnati	17,238	16,885	329	-	7,272	3,029	4,243	463	3,730	-	271	1,410	1,961	551
Norwood	12	1	10	-	205	-	-	-	-	-	-	-	-	-
Balance of county	1,784	1,562	215	-	1,113	811	302	201	79	-	-	172	103	5
Hancock	1,768	1,722	45	-	603	327	276	29	245	-	-	66	133	75
Findlay	1,074	1,054	9	-	346	179	167	2	163	-	-	1	133	31
Fostoria (part)	511	507	4	-	74	9	65	-	65	-	-	65	-	-
Balance of county	183	151	32	-	183	139	44	27	17	-	-	-	-	44
Hardin	735	662	73	-	401	205	196	45	149	-	-	32	100	60
Harrison	81	-	80	-	191	180	11	6	3	-	-	6	-	5
Henry	410	356	52	-	203	156	47	8	32	-	-	36	4	4
Highland	715	499	210	-	297	219	78	8	69	-	-	36	-	41
Hocking	590	451	132	1	217	158	59	4	-	-	-	4	-	-
Holmes	557	417	135	-	168	99	69	4	64	-	-	62	-	6
Huron	943	902	41	-	491	326	165	21	138	-	-	65	6	98
Jackson	450	5	434	5	239	238	1	1	-	-	-	1	-	-
Jefferson	2,783	2,623	166	1	962	500	462	22	437	-	-	23	90	346
Steubenville	2,650	2,623	27	-	612	173	439	2	436	-	-	2	90	346
Balance of county	143	-	139	1	350	327	23	20	1	-	-	21	-	-
Knox	1,057	1,033	23	-	430	219	211	16	188	-	-	3	159	36
Mount Vernon	1,038	1,033	5	-	256	86	169	4	163	-	3	1	159	4
Balance of county	19	-	18	-	174	131	43	12	25	-	-	5	-	32
Lake	1,158	1,136	22	-	512	329	183	19	150	-	3	152	-	14
Painesville	1,138	1,136	2	-	219	72	147	1	146	-	-	146	-	1
Balance of county	20	-	20	-	293	257	36	18	4	-	3	6	-	13
Lawrence	1,133	1,008	112	1	398	263	135	1	134	-	-	122	13	-
Ironton	1,016	1,008	8	-	244	110	134	-	134	-	-	121	13	-
Balance of county	117	-	104	1	154	153	1	1	-	-	-	-	-	-
Licking	1,360	1,272	87	-	694	433	261	13	234	-	-	26	-	221
Newark	1,300	1,272	28	-	452	224	228	-	222	-	-	3	-	219
Balance of county	60	-	59	-	242	209	33	13	12	-	-	23	-	2
Logan	737	685	51	-	373	276	97	8	84	-	-	91	-	1
Lorain	3,459	3,424	33	-	1,327	800	527	43	471	-	-	37	437	40
Elyria	1,214	1,210	4	-	341	172	169	10	156	-	-	1	165	-
Lorain	1,708	1,698	9	-	523	274	249	-	245	-	-	1	222	22
Balance of county	537	516	20	-	463	354	109	33	70	-	-	35	50	18
Lucas	10,840	10,803	222	1	4,322	1,920	2,402	373	2,183	-	328	594	1,396	238
Toledo	10,745	10,602	130	-	4,193	1,897	2,296	366	2,181	-	328	593	1,395	233
Balance of county	95	1	92	1	335	323	12	7	2	-	-	1	3	5
Madison	243	2	238	-	184	164	20	18	1	-	5	14	-	-
Mahoning	6,573	6,448	105	3	2,518	1,206	1,313	51	1,255	-	8	101	1,188	8
Youngstown (part)	6,515	6,448	58	1	2,050	838	1,212	10	1,195	-	8	1	1,187	8
Youngstown (total)	6,515	6,448	58	1	2,050	838	1,212	10	1,195	-	8	1	1,187	8
Campbell	6	-	4	1	52	52	-	-	-	-	-	-	-	-
Struthers	7	-	2	-	51	51	-	-	-	-	-	-	-	-
Balance of county	45	1	41	1	366	265	101	41	60	-	-	100	1	-
Marion	1,519	1,460	59	-	551	334	217	11	197	-	-	196	-	12
Marion	1,482	1,460	32	-	416	222	194	-	185	-	-	185	-	-
Balance of county	27	-	27	-	185	112	23	11	12	-	-	-	-	12
Medina	1,429	1,428	3	-	431	243	188	13	175	-	-	36	77	75
Meigs	318	50	264	-	230	216	14	1	-	-	-	1	-	-
Merces	1,014	994	19	-	290	152	138	8	129	-	-	8	48	61
Miami	1,865	1,819	46	-	696	426	270	19	240	-	-	19	80	150
Piqua	1,014	1,010	4	-	276	128	148	-	148	-	-	-	-	148
Balance of county	851	809	42	-	420	298	122	19	92	-	-	19	90	2
Monroe	197	3	189	-	160	156	4	4	-	-	-	4	-	-
Montgomery	11,761	11,521	239	-	4,127	1,813	2,314	230	2,007	515	139	107	1,408	68
Dayton	11,624	11,521	103	-	2,905	1,265	1,640	145	1,438	-	139	-	1,394	50
Balance of county	137	-	136	-	1,222	548	674	85	569	515	-	107	14	18
Morgan	22	-	98	-	159	117	42	-	42	-	-	1	-	41
Morrow	22	-	22	-	164	158	6	3	-	-	-	3	-	-
Munking	2,801	2,423	72	1	891	487	404	7	368	1	-	3	338	32
Zanesville	2,465	2,423	37	-	669	268	401	5	368	-	-	-	338	32
Balance of county	58	-	35	1	222	219	3	2	-	-	-	2	-	-
Noble	126	74	52	-	100	95	4	-	4	-	-	-	-	4
Ottawa	477	427	49	-	263	130	93	9	83	-	-	2	87	3
Faulding	229	205	23	-	114	74	40	2	37	-	-	39	-	-
Perry	172	2	168	-	242	220	22	22	-	-	-	18	1	3
Fickaway	574	412	161	-	306	211	95	68	25	-	52	27	12	-
Fike	293	1	288	5	139	132	7	-	7	-	-	-	-	7
Fortage	1,211	1,174	35	-	328	335	193	11	181	-	-	190	2	-
Freble	92	-	90	-	220	199	21	19	-	-	-	18	-	1
Futsum	124	-	123	-	195	187	8	7	-	-	-	7	-	-
Richland	2,349	2,278	70	-	868	438	430	18	396	-	5	21	1	387
Mansfield	1,803	1,794	19	-	504	225	279	-	279	-	-	8	-	270
Balance of county	546	494	51	-	364	213	151	18	117	-	1	13	1	117
Ross	1,287	752	520	1	598	370	228	102	126	100	-	24	104	-
Chillicothe	841	751	89	-	277	173	104	-	104	-	-	-	104	-
Balance of county	446	1	432	1	321	197	124	102	22	100	-	24	-	-
Sandusky	1,327	1,258	66	1	511	270	241	13	222	-	-	14	64	157
Fremont	114	110	4	-	115	94	21	-	21	-	-	-	20	1
Balance of county	1,213	1,148	62	1	396	176	220	13	201	-	-	14	44	156
Scioto	2,345	1,898	435	5	900	530	370	3	320	-	-	184	155	4
Portsmouth	1,971	1,898	73	-	630	263	367	1	320	-	-	162	155	4
Balance of county	374	-	362	5	270	267	3	2	-	-	-	2	-	-
Seneca	944	861	63	-	528	359	169	49	116	-	7	28	115	15
Fostoria (part)	43	39	4	-	79	68	11	1	10	-	-	9	1	1
Fostoria (total)	554	546	8	-	153	77	76	1	75	-	-	7	1	1
Tiffin	855	842	13	-	244	132	112	17	92	-	7	-	102	-
Balance of county	46	-	46	-	205	159	46	31	14	-	-	19	12	14

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

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AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
OHIO—Continued														
Shelby	687	642	45	-	259	161	98	13	84	-	-	6	5	85
Stark	7,680	7,475	198	-	2,908	1,391	1,517	309	1,186	-	208	244	718	326
Canton	5,159	5,107	49	-	1,354	586	768	9	750	-	-	2	710	47
Massillon	1,285	1,275	12	-	414	184	250	13	233	-	2	2	2	240
Alliance	1,094	1,089	4	-	398	185	153	-	153	-	-	182	-	1
Balance of county	142	8	133	-	802	456	346	286	50	-	206	86	4	38
Summit	11,822	11,567	218	5	3,441	1,617	1,824	202	1,555	-	82	110	738	627
Akron	10,548	10,593	137	3	2,138	1,088	1,450	46	1,388	-	-	2	639	793
Barberton	1,215	1,174	27	2	253	138	115	-	99	-	-	-	96	3
Cynthiana Falls	-	-	5	-	123	97	26	18	4	-	7	-	3	12
Balance of county	14	-	49	-	527	294	233	139	64	-	75	109	19	19
Trumbull	2,961	2,812	104	-	1,178	661	517	27	432	-	-	43	375	41
Youngstown (part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warren	2,875	2,852	19	-	605	188	417	3	383	-	-	1	375	10
Niles	10	-	10	-	89	89	-	-	-	-	-	-	-	-
Balance of county	76	-	75	-	494	384	100	24	49	-	-	42	-	31
Tuscarawas	1,703	1,543	152	-	796	504	292	34	239	-	-	38	210	25
New Philadelphia	12	-	12	-	117	93	24	1	9	-	-	-	-	10
Balance of county	1,691	1,543	140	-	679	411	268	33	230	-	-	38	210	15
Union	96	1	95	-	182	168	14	12	12	-	1	11	-	-
Van Wert	574	525	49	-	286	189	97	9	87	-	-	9	77	10
Vinton	267	-	267	2	99	82	17	9	9	-	-	-	-	9
Warren	357	179	171	-	302	248	54	29	13	-	-	8	15	19
Washington	1,071	887	185	-	461	320	141	6	135	-	-	6	130	5
Marietta	909	887	22	-	268	133	135	-	135	-	-	-	130	5
Balance of county	162	-	161	-	193	187	6	6	6	-	-	6	-	-
Wayne	994	839	143	-	501	344	157	50	93	-	24	23	93	3
Wooster	841	858	3	-	177	74	103	-	95	-	-	1	89	3
Balance of county	153	1	140	-	324	270	54	50	-	-	24	22	4	-
Williams	516	418	94	-	276	227	49	8	35	-	-	8	35	-
Wood	516	395	120	-	450	376	74	14	49	-	3	14	26	20
Wyandot	84	-	84	-	187	167	20	15	-	-	-	5	10	-
OKLAHOMA	52,971	42,556	8,807	1,082	18,794	11,392	7,402	687	6,453	346	1,137	850	1,617	3,190
Adair	160	18	97	24	122	122	-	-	-	-	-	-	-	-
Adair's	188	182	2	2	96	63	33	-	29	-	-	-	29	-
Aloke	324	151	157	9	111	96	15	-	14	-	-	-	-	14
Beaver	191	179	12	-	65	41	24	-	24	-	-	24	-	-
Beckham	690	674	14	2	209	94	115	-	115	-	-	-	27	88
Blaine	307	256	97	1	142	97	45	-	45	-	-	11	-	34
Bryan	738	447	284	3	250	190	60	-	60	-	-	-	-	60
Durant	503	446	53	1	142	82	60	-	60	-	-	-	-	60
Balance of county	235	1	231	2	108	-	-	-	-	-	-	-	-	-
Caddo	895	598	250	26	247	163	84	1	83	-	-	2	-	82
Canadian	555	511	41	4	217	156	61	-	61	12	-	-	-	49
El Reno	458	434	21	-	146	99	47	-	47	-	-	-	-	47
Balance of county	97	77	20	-	71	57	14	-	14	12	-	-	-	2
Carter	840	586	243	5	320	240	80	7	72	-	6	1	2	70
Ardmore	678	585	88	2	226	149	77	5	71	-	4	1	2	69
Balance of county	162	1	155	3	94	91	3	2	1	-	2	-	-	1
Cherokee	718	551	154	24	156	102	54	-	54	24	-	-	-	30
Choctaw	518	267	133	100	176	149	27	-	27	-	1	-	-	26
Cimarron	53	39	14	-	17	17	-	-	-	-	-	-	-	-
Cleveland	683	619	60	3	371	127	244	196	46	-	197	45	-	-
Norman	630	618	12	-	170	71	99	51	46	-	52	45	-	-
Balance of county	53	-	48	3	201	56	145	145	-	-	145	-	-	-
Coal	89	1	85	2	54	-	-	-	-	-	-	-	-	-
Comanche	1,654	1,449	179	24	347	226	121	-	121	43	-	-	-	78
Lawton	1,098	997	78	22	243	151	92	-	92	14	-	-	-	76
Balance of county	556	452	101	2	104	75	29	-	29	29	-	-	-	-
Cotton	161	65	95	1	82	76	6	-	6	-	-	-	-	4
Craig	412	383	22	2	324	110	214	150	61	-	150	8	-	53
Creek	770	471	233	51	375	271	64	-	61	-	-	45	1	15
Sapulpa	319	270	14	32	120	75	45	-	45	-	-	45	-	-
Balance of county	451	201	219	19	215	196	19	-	16	-	-	-	1	15
Custer	610	581	27	2	271	91	180	-	177	7	163	-	-	7
Delaware	124	1	92	13	92	-	-	-	-	-	-	-	-	-
Dewey	63	-	54	3	76	75	1	-	-	-	-	-	-	-
Ellis	226	219	6	-	90	46	44	-	44	-	-	-	-	44
Garfield	1,608	1,564	36	4	585	221	364	55	300	-	48	7	193	107
Mid	1,990	1,964	21	3	494	161	333	25	300	-	22	3	193	107
Balance of county	16	-	15	1	91	60	31	30	-	-	26	4	-	-
Garrison	745	671	70	2	210	123	87	13	66	-	13	-	-	66
Grady	877	673	192	11	326	219	107	-	107	-	-	-	-	107
Chickasha	750	672	67	11	218	111	107	-	107	-	-	-	-	107
Balance of county	127	1	125	-	108	108	-	-	-	-	-	-	-	-
Grant	11	-	11	-	69	67	2	1	-	-	-	1	-	-
Greer	244	208	33	1	95	70	25	-	17	-	-	-	-	17
Harmon	117	103	12	-	51	40	11	-	9	-	-	-	-	9
Harter	34	2	32	-	47	47	-	-	-	-	-	-	-	-
Haskell	249	-	237	9	84	84	-	-	-	-	-	-	-	-
Hughes	564	398	149	13	181	118	63	-	41	-	-	-	15	26
Jackson	527	482	41	3	152	142	10	-	10	-	-	-	-	10
Jefferson	236	153	79	3	70	50	20	-	19	-	-	-	-	19
Johnston	156	59	90	1	67	67	-	-	-	-	-	-	-	-
Kay	1,217	1,217	46	-	436	220	216	1	189	-	1	132	56	56
Ponca City	770	767	3	-	197	75	122	-	122	-	-	-	-	122
Balance of county	494	450	43	-	239	145	94	1	66	-	-	1	10	56
Kingfisher	151	105	41	4	82	70	12	-	12	-	-	-	-	12

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Pro- prietary		
OKLAHOMA—Continued														
Kiowa	380	317	62	-	148	97	51	1	39	-	-	39		
Latimer	376	207	155	3	158	58	100	-	100	44	56	-		
Le Flore	729	164	553	19	237	218	19	-	17	-	-	17		
Lincoln	462	304	142	12	189	172	17	-	15	-	-	15		
Logan	505	349	109	44	255	156	99	13	84	-	-	97		
Guthrie	383	347	26	8	159	62	97	13	84	-	-	97		
Balance of county	122	2	83	36	96	94	2	-	-	-	-	-		
Love	123	2	115	2	47	47	-	-	-	-	-	-		
McClain	292	180	106	1	84	66	18	-	18	-	-	18		
McCurtain	744	140	498	69	249	220	29	-	28	-	-	28		
McIntosh	454	198	162	61	131	123	8	2	6	-	-	2		
Major	144	115	26	2	56	49	7	-	5	-	-	5		
Marshall	222	150	71	-	59	54	5	-	5	-	-	5		
Mayes	436	343	82	7	174	134	40	-	35	-	-	35		
Murray	227	179	48	-	137	93	44	-	44	20	-	33		
Muskogee	1,829	1,215	288	117	830	390	440	70	389	89	70	165		
Muskogee	1,327	1,203	47	63	581	255	346	1	345	89	1	85		
Balance of county	502	12	221	54	249	155	94	69	24	1	161	85		
Noble	160	84	76	-	75	67	8	-	4	-	-	4		
Nowata	181	72	97	9	96	84	12	-	12	-	-	12		
Oklfuskee	415	229	158	18	156	132	24	-	21	-	-	21		
Oklahoma	8,282	8,061	176	23	2,749	1,186	1,563	53	1,461	82	313	16		
Oklahoma City	7,762	7,627	117	4	2,367	921	1,446	17	1,398	7	311	1		
Balance of county	520	434	69	19	382	265	117	13	93	75	2	432		
Okmulgee	1,147	853	194	76	400	270	130	-	95	-	-	15		
Okmulgee	605	535	32	35	191	107	84	-	130	-	-	62		
Balance of county	542	320	162	41	209	163	46	-	84	-	-	62		
Osage	669	569	98	2	222	143	79	29	46	-	-	46		
Ottawa	860	654	198	3	235	210	25	-	49	-	-	69		
Pawnee	274	232	39	1	123	88	35	-	81	-	-	75		
Payne	1,340	1,280	52	5	319	189	130	-	118	7	-	27		
Stillwater	812	809	3	-	120	51	69	-	67	-	-	40		
Balance of county	528	471	49	5	199	138	61	-	51	-	-	67		
Pittsburg	1,019	736	234	19	381	245	136	13	123	-	12	1		
McAlester	762	733	36	5	226	96	130	7	123	-	-	55		
Balance of county	257	3	198	14	155	149	6	6	6	-	5	55		
Pontotoc	926	792	151	1	305	177	128	-	128	-	-	128		
Ada	843	792	50	-	246	118	128	-	128	-	-	128		
Balance of county	85	-	81	1	59	59	-	-	-	-	-	-		
Pottawatomie	1,036	932	86	13	363	215	148	-	148	17	-	103		
Shawnee	947	928	9	11	273	137	136	-	136	5	-	103		
Balance of county	89	6	79	2	90	78	12	-	12	-	-	103		
Pushmataha	184	7	155	12	56	56	-	-	-	-	-	-		
Roger Mills	15	-	14	-	37	37	-	-	-	-	-	-		
Rogers	567	457	95	3	207	120	87	-	67	21	1	-		
Seminole	835	685	79	52	262	188	74	-	72	-	-	65		
Seminole	434	423	8	3	78	37	41	-	40	-	-	72		
Nowata	295	256	14	18	65	45	20	-	19	-	-	40		
Balance of county	106	6	57	31	119	106	13	-	13	-	-	19		
Sequoyah	367	19	291	27	118	116	2	-	-	-	-	13		
Stephens	951	910	36	1	247	135	112	-	112	-	-	-		
Texas	218	160	58	-	61	60	1	-	112	-	-	112		
Tillman	449	368	57	19	166	120	46	-	46	-	-	46		
Tulsa	6,317	5,902	319	76	1,870	909	961	15	923	-	-	392		
Tulsa	5,794	5,617	108	56	1,605	678	927	3	901	-	-	392		
Balance of county	523	285	211	20	265	231	34	12	22	-	-	508		
Wagoner	330	1	280	37	82	82	-	-	-	-	-	22		
Washington	803	762	40	-	266	164	102	3	96	-	-	-		
Bartlesville	769	761	8	-	202	105	97	1	96	-	-	99		
Balance of county	34	1	32	-	64	59	5	2	-	-	-	97		
Washita	252	229	22	-	103	81	22	-	22	-	-	2		
Woods	385	360	5	-	158	86	82	-	60	-	-	58		
Woodward	456	448	8	-	300	138	162	87	75	-	87	50		
OREGON	56,369	35,887	363	5	13,660	6,200	7,460	885	6,239	341	641	911	2,946	2,284
Baker	380	368	12	-	175	92	83	4	79	-	-	1	79	
Benton	773	763	8	-	194	95	99	1	87	-	-	1	72	
Clackamas	869	928	20	-	571	351	220	25	179	-	-	1	15	
Clatsop	892	886	5	1	313	152	161	-	171	2	-	32	137	
Astoria	696	696	-	-	191	48	143	-	137	-	-	-	137	
Balance of county	196	190	5	1	122	84	38	-	34	2	-	32	-	
Columbia	234	205	26	-	118	113	5	-	5	-	-	-	3	
Cook	1,105	1,097	6	-	337	144	193	16	160	-	-	1	20	
Curry	214	212	2	-	37	22	15	-	14	-	-	-	14	
Deschutes	47	41	3	-	34	25	9	-	9	-	-	-	9	
Bend	665	663	1	-	161	65	96	8	88	-	-	-	7	
Balance of county	541	539	1	-	116	36	80	8	72	-	-	-	7	
Douglas	124	124	-	-	45	29	16	-	16	-	-	-	16	
Gilliam	836	803	24	-	349	187	162	65	85	35	-	32	51	
Grant	11	11	-	-	16	16	-	-	-	-	-	-	32	
Grant	149	147	1	-	57	17	20	-	20	-	-	-	26	
Harney	125	125	-	-	53	37	26	-	26	-	-	-	26	
Hood River	367	367	-	-	115	56	59	2	57	-	-	2	55	
Jackson	1,341	1,334	6	-	549	292	257	7	235	-	-	7	102	
Medford	1,083	1,081	2	-	254	88	166	3	159	-	-	3	101	
Balance of county	258	253	4	-	295	204	91	4	76	-	-	4	1	
Jefferson	37	32	-	-	28	15	11	-	11	11	-	-	75	
Josephine	572	549	22	-	228	110	118	-	113	-	-	113	-	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
OREGON—Continued														
Klamath	1,372	1,354	10	1	310	155	155	10	145	-	-	11	-	144
Klamath Falls	1,356	1,354	1	-	221	75	146	2	144	-	-	3	-	145
Balance of county	16	-	9	1	89	80	9	8	1	-	-	-	-	1
Lake	220	219	1	-	54	27	27	-	27	-	-	-	-	27
Lane	2,902	2,635	63	-	834	440	394	10	372	-	-	-	-	382
Eugene	2,569	2,559	10	-	532	141	391	10	371	-	-	-	-	381
Balance of county	333	276	53	-	302	299	3	-	1	-	-	-	-	1
Lincoln	340	326	10	-	148	103	45	-	44	-	-	-	-	44
Linn	1,207	1,192	13	-	403	201	202	14	161	-	-	-	-	175
Malheur	952	946	4	-	167	72	95	-	92	-	-	-	61	11
Marion	2,640	2,596	31	-	1,191	457	764	398	363	-	409	-	194	156
Salem	2,189	2,185	1	-	829	196	633	325	299	-	322	-	152	150
Balance of county	451	411	30	-	362	231	131	63	64	-	97	-	32	8
Morrow	30	6	21	-	33	33	-	-	-	-	-	-	-	-
Multnomah	13,768	13,719	35	-	5,329	2,069	3,260	181	2,886	293	93	573	1,889	229
Portland	13,131	13,101	24	-	4,551	1,757	2,794	57	2,652	270	93	427	1,829	90
Balance of county	637	618	11	-	778	312	466	124	244	23	-	146	60	139
Polk	398	379	8	1	161	128	53	-	52	-	-	-	-	52
Sherman	-	-	-	-	7	7	-	-	-	-	-	-	-	-
Tillamook	402	395	6	-	143	69	74	-	74	-	-	67	-	7
Umatilla	665	657	6	-	389	140	249	115	134	-	115	-	126	8
Union	494	492	1	-	188	64	124	1	121	-	-	-	49	73
Wallowa	129	128	1	-	49	31	17	-	15	-	-	-	-	15
Wasco	533	524	2	2	201	59	142	26	116	-	24	26	71	21
Washington	784	770	11	-	346	213	133	11	117	-	-	24	8	96
Wheeler	1	-	-	-	6	6	-	-	-	-	-	-	-	-
Yamhill	826	818	4	-	349	177	172	3	162	-	-	-	-	165
PENNSYLVANIA														
Adams	902	699	202	-	392	236	67	11	76	-	-	11	76	-
Allegheny	37,590	36,071	1,477	21	16,092	7,906	8,186	1,008	7,078	328	489	864	5,094	1,311
Pittsburgh	24,009	24,313	490	3	8,976	3,995	4,983	170	4,818	3	18	192	3,391	1,224
McKeesport	3,276	3,161	113	2	723	309	414	-	414	-	-	-	414	-
Wilkinsburg	1,600	1,593	7	-	459	192	267	13	235	-	-	-	241	7
Bellefonte	699	686	3	-	266	90	176	-	173	-	-	-	173	-
Bradock	1,555	1,532	22	-	293	80	213	-	213	-	-	-	213	-
Carnegie	22	1	21	-	69	69	-	-	-	-	-	-	-	-
Clariton	56	1	50	2	92	88	4	-	-	-	-	-	-	-
Coraopolis	5	-	5	-	46	45	1	1	-	-	-	-	1	-
Dormont	1	-	1	-	88	88	-	-	-	-	-	-	-	-
Duquesne	36	4	23	9	111	110	1	-	-	-	-	-	-	-
Harrison (twp.) ⁵	1,742	1,723	17	-	314	51	263	-	263	-	-	1	262	-
Homestead	784	720	4	-	232	62	170	-	170	-	-	-	170	-
McKees Rocks	18	1	17	-	94	91	3	-	3	-	-	-	-	3
Mount Lebanon (twp.) ⁵	2	-	2	-	129	115	14	14	-	-	-	-	14	-
Munhall	3	-	3	-	66	65	1	-	-	-	-	-	-	-
North Braddock	17	-	16	-	73	72	1	-	-	-	-	-	-	-
Shaler (twp.) ⁵	65	57	8	-	80	75	5	-	5	-	-	-	5	-
Stowe (twp.) ⁵	501	498	3	-	111	43	69	-	66	-	-	-	66	-
Swissvale	9	1	8	-	85	79	6	6	-	-	-	-	6	-
Balance of county	2,450	1,780	664	5	3,885	2,189	1,696	604	679	325	471	671	204	11
Armstrong	1,599	982	616	-	675	553	122	21	101	-	-	21	101	-
Beaver	2,975	2,640	326	8	1,360	891	469	66	401	-	-	190	274	3
Aliquippa	14	-	14	-	121	121	-	-	-	-	-	-	-	-
Ambridge	14	-	14	-	83	83	-	-	-	-	-	-	-	-
Beaver Falls	977	948	29	-	204	104	100	-	99	-	-	-	99	-
Ellwood City (part)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Balance of county	1,664	1,609	173	1	952	583	369	66	302	-	-	190	175	3
Bedford	711	514	394	-	376	321	55	10	45	-	-	-	-	45
Berks	5,062	4,379	683	-	2,063	1,540	1,323	239	1,081	-	239	151	705	225
Reading	2,128	2,013	115	-	1,246	702	544	8	534	-	-	-	326	216
Balance of county	2,934	2,366	567	-	1,617	836	779	231	547	-	-	151	379	9
Blair	4,030	3,569	456	-	1,650	988	662	87	566	-	25	44	564	20
Altoona	3,303	3,161	140	-	1,090	560	530	-	522	-	-	-	502	20
Balance of county	727	408	316	-	560	428	132	87	44	-	25	44	62	-
Bradford	1,438	1,326	112	-	694	391	303	21	267	-	-	21	244	23
Bucks	2,211	2,083	127	-	1,071	815	256	42	208	-	-	36	66	128
Bristol	269	263	6	-	87	61	6	-	6	-	-	1	-	5
Balance of county	1,942	1,820	121	-	984	734	250	42	202	-	-	35	86	123
Butler	1,067	1,517	349	-	974	555	419	43	359	151	-	18	228	5
Butler	41	10	31	-	126	125	1	-	1	-	-	-	1	-
Balance of county	1,026	1,507	318	-	848	430	418	43	358	151	-	18	227	5
Cambria	5,521	4,507	1,009	2	1,975	1,015	959	-	850	-	120	107	700	21
Johnstown	3,702	3,604	98	-	946	349	597	-	596	-	-	1	578	17
Balance of county	1,819	903	911	2	1,029	667	362	106	254	-	128	106	122	4
Comerco	7	-	7	-	54	54	-	-	-	-	-	-	-	-
Carbon	793	453	340	-	528	394	142	66	76	-	-	66	76	-
Centre	1,931	1,793	136	-	840	320	320	40	280	-	172	27	-	121
Chester	3,074	2,800	274	-	1,338	778	760	195	551	63	70	29	199	365
Costesville	109	70	39	-	89	72	17	-	17	-	-	-	-	17
Phoenixville	571	553	18	-	162	72	90	-	87	2	-	-	-	85
West Chester	1,246	1,241	5	-	372	97	275	11	264	-	-	-	171	104
Balance of county	1,148	936	212	-	915	537	378	184	183	61	70	29	28	179
Clarion	502	-	502	-	301	294	7	-	7	-	-	6	1	-
Clearfield	1,988	1,588	406	1	792	490	302	47	255	-	-	47	144	111
Du Bois	930	926	4	-	223	79	144	-	144	-	-	-	144	-
Balance of county	1,058	662	404	1	569	411	158	47	111	-	-	47	-	111
Clinton	1,124	1,099	25	-	404	221	183	-	179	-	-	-	148	31
Lock Haven	894	890	4	-	231	84	147	-	147	-	-	-	116	31
Balance of county	230	209	21	-	173	137	36	-	32	-	-	-	32	-

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS								
	Total ¹	Attended by—			Total ²	Not in institution	In institution						
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, township	Non-profit	Proprietary	
PENNSYLVANIA—Continued													
Columbia	1,272	1,175	97	-	556	341	195	1	192	-	-	102	91
Berwick	556	547	9	-	168	74	92	-	101	-	-	-	91
Balance of county	716	628	88	-	370	267	103	1	101	-	-	102	-
Crawford	2,039	1,960	79	-	921	499	422	53	367	-	-	41	372
Meadville	1,403	1,403	-	-	398	111	287	2	285	-	-	1	284
Balance of county	636	557	79	-	523	388	135	51	82	-	-	40	88
Cumberland	1,925	1,637	288	-	769	552	217	28	185	3	1	19	158
Carlisle	916	893	23	-	268	116	152	1	150	-	-	19	151
Balance of county	1,009	744	265	-	501	436	65	27	35	3	1	19	7
Dauphin	5,365	4,610	553	-	2,401	1,297	1,104	335	781	1	187	103	758
Harrisburg	4,505	4,585	121	-	1,417	655	764	15	744	-	-	9	717
Steelton	30	-	30	-	84	84	-	-	-	-	-	-	-
Balance of county	850	427	403	-	900	580	340	322	17	1	187	94	41
Delaware	6,599	6,398	199	1	3,057	1,911	1,146	195	883	-	-	148	366
Chester	2,111	2,004	105	1	748	362	384	1	383	-	-	-	48
Haverford (twp.) ⁵	2	-	2	-	176	176	-	-	-	-	-	-	-
Upper Darby (twp.) ⁵	543	535	8	-	482	372	110	8	97	-	-	94	1
Darby	2,241	2,237	4	-	273	53	220	12	208	-	-	-	220
Lansdowne	5	2	3	-	76	75	3	-	-	-	-	-	-
Balance of county	1,697	1,620	77	-	1,302	873	429	175	195	-	-	55	117
Elk	972	951	21	-	315	182	133	15	120	-	-	13	120
Eric	5,803	5,590	210	-	2,159	1,197	941	112	797	-	-	13	856
Balance of county	5,039	4,862	75	-	1,528	760	766	35	709	-	-	2	681
Fayette	4,756	3,510	1,221	3	612	437	175	77	88	-	-	149	57
Connellsville	986	920	66	-	268	116	152	-	152	-	-	149	3
Uniontown	1,862	1,817	44	-	449	183	266	-	266	-	-	-	266
Balance of county	1,888	773	1,111	3	1,101	935	168	57	110	-	-	57	110
Forest	39	-	39	-	31	30	1	-	-	-	-	1	-
Franklin	2,161	1,946	215	-	894	517	377	39	338	-	-	126	24
Chambersburg	1,215	1,209	6	-	280	131	149	2	147	-	-	-	143
Waynesboro	753	736	17	-	143	78	65	2	63	-	-	-	65
Balance of county	193	1	192	-	471	308	163	35	128	-	-	126	24
Fulton	150	-	150	-	81	81	-	-	-	-	-	-	-
Greene	1,235	956	289	-	407	268	139	16	122	-	-	16	122
Huntingdon	1,129	705	423	1	420	306	114	13	98	-	-	13	89
Indiana	1,630	1,126	504	-	669	452	217	33	182	-	-	27	182
Balance of county	7	7	-	-	63	63	-	-	-	-	-	27	182
Jefferson	1,409	1,232	177	-	534	357	167	16	151	-	-	11	53
Juniata	199	-	199	-	98	95	1	-	-	-	-	-	-
Lackawanna	6,198	5,896	282	14	3,207	1,679	1,528	294	1,228	-	-	616	40
Scranton	4,298	4,184	109	5	1,742	837	905	7	894	-	-	581	4
Carbondale	829	610	18	-	286	121	165	-	165	-	-	-	165
Dickson City	6	4	2	-	50	50	-	-	-	-	-	-	-
Dunmore	92	81	11	-	177	125	52	40	12	-	-	-	49
Old Forge	1	-	1	-	56	56	-	-	-	-	-	-	-
Balance of county	945	621	116	6	898	490	406	247	155	-	-	296	36
Lancaster	5,626	4,583	1,043	1	2,369	1,323	1,046	239	789	-	-	114	444
Lancaster	3,639	3,542	96	1	1,008	350	658	3	648	-	-	1	290
Columbia	509	490	19	-	141	95	46	-	46	-	-	-	46
Balance of county	1,678	551	1,125	-	1,220	878	342	235	95	-	-	3	113
Lawrence	2,696	2,797	92	7	1,039	574	465	30	426	-	-	27	171
New Castle	2,129	2,095	27	7	672	309	363	3	351	-	-	-	170
Ellwood City (part)	709	702	7	-	133	63	70	-	70	-	-	1	69
Ellwood City (total)	709	702	7	-	133	63	70	-	70	-	-	1	69
Balance of county	58	-	58	-	234	202	32	27	5	-	-	26	1
Lebanon	1,945	1,632	312	1	776	480	296	35	260	4	-	27	259
Lebanon	1,691	1,632	58	1	478	217	261	6	254	-	-	1	254
Balance of county	254	-	254	-	298	263	35	29	6	4	-	26	5
Lehigh	6,439	5,939	497	-	2,519	963	1,556	205	1,349	-	-	140	53
Allentown	4,206	4,034	172	-	1,595	494	1,101	150	947	-	-	140	957
Bethlehem (part)	4	1	3	-	42	42	-	-	-	-	-	-	-
Balance of county	2,229	1,904	322	-	892	427	455	53	402	-	-	53	7
Luzerne	9,109	8,576	529	2	4,220	2,647	1,573	58	1,515	-	-	442	4
Hazleton	1,858	1,844	14	-	443	215	228	13	215	-	-	215	13
Milkes-Barre	3,753	3,649	104	-	1,293	592	701	2	698	-	-	4	698
Hanover (twp.) ⁵	25	20	5	-	93	93	-	-	-	-	-	-	-
Kingston	1,427	1,420	6	-	347	144	203	-	203	-	-	1	202
Nanticoke	719	705	14	-	315	133	182	-	182	-	-	182	-
Pittston	21	-	21	-	129	127	2	-	2	-	-	-	2
Plains (twp.) ⁵	21	3	18	-	72	71	1	-	1	-	-	-	1
Plymouth	22	-	22	-	114	114	-	-	-	-	-	-	-
Balance of county	1,263	950	311	2	1,414	1,159	256	43	212	-	-	44	211
Lycoming	2,843	2,650	193	-	1,170	647	523	39	481	-	-	37	455
Williamsport	2,145	2,090	55	-	729	300	429	5	424	-	-	3	417
Balance of county	698	570	128	-	441	347	94	34	57	-	-	34	38
McKeen	1,523	1,473	50	-	581	322	259	14	245	-	-	14	197
Bradford	830	827	3	-	242	99	144	-	143	-	-	-	142
Balance of county	693	646	47	-	339	224	115	14	100	-	-	14	85
Marcer	3,232	3,073	158	1	1,115	614	501	63	437	-	-	35	335
Sharon	1,770	1,759	11	-	411	124	287	5	281	-	-	-	282
Furrell	13	-	13	-	47	47	-	-	-	-	-	-	-
Balance of county	1,449	1,314	134	1	657	443	214	58	156	-	-	35	103
Mifflin	1,447	1,158	289	-	511	285	226	7	218	-	-	7	191
Lewistown	258	240	18	-	129	101	28	-	27	-	-	-	27
Balance of county	1,189	918	271	-	382	184	198	7	191	-	-	7	191
Monroe	894	772	122	-	407	266	139	9	125	-	-	8	87

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, city-county	Non-profit	Eccle- siastical		
PENNSYLVANIA—Continued														
Montgomery	7,528	7,262	264	-	3,533	1,980	1,673	440	1,203	-	330	39	940	334
Lower Merion (twp.) ⁵	1,698	1,690	6	-	533	248	285	1	281	-	-	-	279	3
Norristown	2,110	2,088	22	-	914	243	671	343	323	-	327	5	299	35
Arlington (twp.) ⁵	1,748	1,744	4	-	422	160	262	10	251	-	-	-	256	5
Cheltenham (twp.) ⁵	2	-	2	-	163	155	28	9	19	-	-	-	8	20
Coshockocken	51	2	29	-	65	65	-	-	-	-	-	-	-	-
Pottstown	1,445	1,427	18	-	350	140	210	1	209	-	-	-	22	188
Balance of county	494	511	183	-	1,086	869	217	76	120	-	3	34	76	83
Montour	1,154	1,089	65	-	477	101	376	162	213	-	148	6	221	-
Northampton	2,738	2,578	361	-	1,410	968	442	70	358	-	1	61	256	110
Bethlehem (part)	115	88	27	-	210	208	2	-	-	-	-	-	-	-
Bethlehem (total)	119	89	30	-	252	250	2	-	-	-	-	-	-	-
Eauston	671	628	43	-	312	86	9	73	-	1	-	-	5	76
Balance of county	1,953	1,662	291	-	988	556	352	61	285	-	61	61	251	34
Northumberland	2,023	1,580	440	1	1,148	888	260	36	223	-	87	34	138	-
Mount Carmel	37	-	37	-	104	104	-	-	-	-	-	-	-	-
Shamokin	44	2	42	-	126	126	-	-	-	-	-	-	-	-
Sunbury	780	719	31	-	261	124	137	1	136	-	-	1	136	-
Balance of county	1,192	859	330	1	657	534	123	35	87	-	87	33	2	-
Perry	193	-	193	-	211	210	1	1	-	-	-	1	-	-
Philadelphia, coextensive with Philadelphia (city)	52,969	51,196	1,749	14	24,933	9,333	15,500	1,267	13,967	438	407	3,471	7,291	3,627
Pike	19	-	19	-	95	95	-	-	-	-	-	-	-	-
Potter	296	280	46	-	176	128	48	12	36	-	-	12	36	-
Schuylkill	4,870	4,188	680	-	2,422	1,472	950	144	606	1	450	137	8	354
Mahanoy City	49	1	48	-	110	110	-	-	-	-	-	-	-	-
Pottsville	2,076	2,052	23	-	512	155	357	-	357	1	-	1	1	354
Shenandoah	21	2	19	-	125	124	1	-	1	-	1	-	-	-
Tamaqua	27	1	26	-	69	69	-	-	-	-	-	-	-	-
Balance of county	2,697	2,132	564	-	1,607	1,015	592	144	448	-	449	136	7	-
Snyder	159	-	159	-	196	168	28	27	27	-	-	-	-	-
Somerset	1,934	1,565	367	2	793	537	256	47	209	-	39	4	94	119
Sullivan	36	-	36	-	60	59	1	-	-	-	-	-	1	-
Susquehanna	425	247	178	-	280	240	40	9	28	-	-	9	25	3
Tioga	840	674	166	-	433	266	147	13	134	-	107	11	28	1
Union	785	688	97	-	252	187	65	7	54	-	1	-	60	-
Venango	1,606	1,485	121	-	765	427	338	80	252	-	67	7	163	95
Oil City	924	909	15	-	296	133	163	-	163	-	-	-	163	-
Balance of county	682	576	106	-	469	294	175	69	89	-	67	7	7	95
Warren	787	718	69	-	714	312	402	231	157	-	215	14	152	7
Warren	719	715	4	-	269	111	158	-	150	-	-	-	150	-
Balance of county	68	3	65	-	445	201	244	231	7	-	215	14	2	7
Washington	5,275	4,536	738	2	1,986	1,197	699	95	592	-	-	66	311	290
Washington	1,519	1,481	37	-	474	200	274	13	261	-	-	2	1	271
Canonsburg	845	831	14	-	120	54	66	-	66	-	-	-	66	-
Charleroi	1	-	1	-	63	63	-	-	-	-	-	-	-	-
Donora	7	-	7	-	56	55	1	-	1	-	-	1	-	-
Balance of county	2,903	2,224	676	2	1,173	625	340	62	264	-	63	244	19	-
Wayne	330	240	89	-	357	268	89	40	44	-	34	-	46	4
Westmoreland	6,780	5,897	873	5	2,579	1,642	937	236	694	-	147	68	2	693
Arnold	3	-	3	-	36	36	-	-	-	-	-	-	-	-
Greensburg	2,036	2,006	29	1	373	117	256	4	252	-	1	2	-	253
Jeanette	37	-	37	-	75	74	1	-	-	-	-	-	-	-
Lattrobe	1,236	1,229	7	-	246	73	173	-	172	-	-	-	1	171
Moneysen	40	-	40	1	97	96	1	-	-	-	-	-	-	-
New Kensington	1,736	1,724	12	-	290	110	180	-	180	-	-	1	-	179
Vandergrift	44	-	44	-	54	54	-	-	-	-	-	-	-	-
Balance of county	1,648	938	705	3	1,408	1,062	326	232	90	-	146	65	1	90
Wyoming	161	11	149	-	141	140	1	-	-	-	-	-	-	-
York	5,316	3,977	1,338	1	1,909	1,313	596	45	524	2	-	45	484	38
York	2,732	2,424	308	-	921	429	392	-	391	-	-	-	375	6
Hanover	1,247	1,206	41	-	210	101	109	-	109	-	-	-	109	-
Balance of county	1,337	347	989	1	878	783	95	45	34	2	-	45	-	32
RHODE ISLAND														
Bristol	25	-	20	5	195	162	13	6	-	-	5	-	-	1
Bristol (town)	16	-	15	3	91	64	7	6	-	-	5	-	-	1
Balance of county	7	-	5	2	104	98	6	-	-	-	-	-	-	-
Kent	334	293	40	-	500	454	46	-	18	-	-	-	12	6
Warwick	33	25	8	-	281	249	32	-	12	-	-	-	12	-
West Warwick (town)	284	268	15	-	118	112	6	-	6	-	-	-	6	-
Balance of county	17	-	17	-	101	93	8	-	-	-	-	-	-	-
Newport	1,332	1,312	16	-	623	278	345	3	327	109	-	1	-	220
Newport	1,319	1,312	5	-	493	161	332	3	325	109	-	-	-	218
Balance of county	13	-	11	-	130	117	13	-	2	-	-	-	-	2
Providence	15,370	15,370	289	10	6,592	3,265	3,307	548	2,661	-	782	108	954	1,365
Providence	11,198	11,091	76	4	3,273	1,473	1,800	83	1,660	-	-	108	605	1,032
Central Falls	451	408	42	-	159	131	28	-	24	-	-	-	24	-
Cranston	263	254	4	3	962	245	717	379	338	-	698	1	-	18
East Providence (town)	12	2	8	1	232	211	21	1	1	-	-	-	1	1
Pawtucket	1,939	1,884	74	-	850	490	360	41	319	-	-	1	348	15
Woonsocket	1,790	1,751	39	-	509	279	230	3	227	-	-	-	2	228
Cumberland (town)	9	-	9	-	62	62	-	-	-	-	-	-	-	-
Johnston (town)	3	-	3	2	59	59	-	-	-	-	-	-	-	-
Lincoln (town)	7	-	7	-	76	76	-	-	-	-	-	-	-	-
North Providence (town)	5	-	5	-	68	68	-	-	8	-	-	-	-	8
Balance of county	27	-	24	-	342	199	143	41	84	-	84	-	-	41
Washington	1,106	1,098	6	-	414	233	181	7	163	1	6	1	81	81
Westerly (town)	869	866	3	-	168	69	99	-	89	-	-	-	81	8
Balance of county	437	432	5	-	246	164	82	7	74	1	6	1	-	75

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary		
SOUTH CAROLINA -----	59,203	30,971	11,316	16,821	17,150	11,163	5,987	580	5,334	276	715	2,310	1,837	776
Abbeville-----	371	100	153	118	162	121	41	-	41	-	-	41	-	-
Aiken-----	1,209	557	383	268	384	306	98	-	83	-	-	83	-	-
Allendale-----	325	-	46	279	102	102	-	-	-	-	-	-	-	-
Anderson-----	2,525	1,713	619	188	680	432	248	2	246	-	-	31	216	1
Anderson-----	1,600	1,465	92	23	391	145	246	-	246	-	-	29	216	1
Balance of county-----	925	233	527	185	289	267	2	2	-	-	-	2	-	-
Bamberg-----	349	1	94	254	131	131	-	-	-	-	-	-	-	-
Barnwell-----	430	-	110	320	135	135	-	-	-	-	-	-	-	-
Beaufort-----	790	303	43	442	225	194	31	-	31	6	-	25	-	-
Berkeley-----	673	100	42	640	216	180	36	-	36	-	-	36	-	-
Calhoun-----	369	-	25	344	130	130	-	-	-	-	-	-	-	-
Charleston-----	5,430	3,522	801	1,106	1,506	803	703	2	700	39	-	37	544	82
Charleston-----	4,080	3,220	729	131	1,024	398	626	2	624	-	-	-	544	82
Balance of county-----	1,350	302	72	975	482	405	77	-	76	39	-	37	-	-
Cherokee-----	897	585	240	72	221	131	90	2	88	-	-	90	-	-
Chester-----	740	297	157	286	236	194	42	1	40	-	-	1	-	40
Chesterfield-----	806	1	675	129	199	198	-	1	-	-	-	1	-	-
Clarendon-----	829	-	128	699	216	216	-	-	-	-	-	-	-	-
Colliton-----	789	371	60	358	261	197	64	-	55	-	-	54	-	1
Darlington-----	1,505	564	465	475	372	301	71	-	71	-	-	-	-	-
Dillon-----	854	463	97	294	211	160	51	-	51	-	-	-	51	-
Dorchester-----	610	207	113	290	190	159	31	-	31	-	-	31	-	-
Edgefield-----	392	31	257	103	100	100	-	-	-	-	-	-	-	-
Fairfield-----	687	153	173	330	147	143	4	-	3	-	-	-	-	3
Florence-----	2,699	1,297	556	855	780	431	349	-	319	-	2	8	40	269
Florence-----	1,393	1,164	34	194	466	158	328	-	298	-	1	1	40	256
Balance of county-----	1,306	123	522	661	294	273	21	-	21	-	-	7	-	15
Georgetown-----	728	3	209	510	164	179	5	-	5	-	-	-	-	5
Greenville-----	4,765	3,960	525	279	1,366	720	666	9	656	2	-	520	121	22
Greenville-----	2,482	2,326	19	137	724	209	515	-	514	-	-	500	15	1
Balance of county-----	2,283	1,634	506	142	662	511	151	9	142	2	-	20	108	21
Greenwood-----	1,040	636	87	157	325	231	94	-	94	-	-	-	94	-
Greenwood-----	806	759	20	27	179	85	94	-	94	-	-	-	94	-
Balance of county-----	274	77	67	130	146	146	-	-	-	-	-	-	-	-
Hampton-----	427	-	125	302	142	142	-	-	-	-	-	-	-	-
Horry-----	1,846	1,227	271	347	384	245	139	-	139	-	-	-	131	8
Jasper-----	345	189	17	139	83	84	9	-	9	-	-	-	9	-
Kershaw-----	905	361	137	406	269	197	71	-	71	-	-	-	-	71
Lancaster-----	1,040	783	94	163	205	143	62	-	62	-	-	-	-	62
Laurens-----	803	327	193	282	333	243	90	5	85	-	3	75	1	11
Lee-----	603	1	117	484	144	140	4	-	-	-	-	-	-	-
Lexington-----	728	140	365	223	269	262	7	-	-	-	-	-	-	-
McCormick-----	355	-	300	55	100	100	-	-	-	-	-	-	-	-
Marian-----	1,401	983	243	175	268	158	110	-	107	-	-	77	-	30
Marlboro-----	1,136	529	338	268	318	238	80	-	73	-	-	-	73	-
Newberry-----	853	554	46	263	232	159	73	-	73	-	-	53	12	8
Oconee-----	1,009	696	182	130	288	210	58	-	57	-	-	57	-	-
Orangeburg-----	2,227	701	171	1,353	672	444	228	-	228	-	-	228	-	-
Orangeburg-----	848	701	26	120	302	74	228	-	228	-	-	228	-	-
Balance of county-----	1,379	-	145	1,233	370	370	-	-	-	-	-	-	-	-
Pickens-----	686	82	555	48	183	173	10	-	8	-	-	-	8	-
Richland-----	4,335	3,480	210	644	2,097	535	1,562	548	1,014	228	710	393	163	68
Columbia-----	3,523	2,153	111	259	1,249	390	859	249	610	-	250	393	149	67
Balance of county-----	812	327	99	385	848	145	703	299	404	228	460	-	14	1
Saluda-----	297	22	179	96	78	78	-	-	-	-	-	-	-	-
Spartanburg-----	3,802	2,529	1,099	174	1,042	633	409	3	405	-	-	327	67	14
Spartanburg-----	2,614	2,396	165	53	585	204	381	-	380	-	-	-	67	2
Balance of county-----	1,188	133	934	121	457	429	28	3	25	-	-	16	-	12
Sumter-----	2,013	1,005	54	894	508	320	188	-	188	1	-	-	187	-
Sumter-----	1,101	1,005	10	86	256	69	187	-	187	-	-	-	187	-
Balance of county-----	912	-	44	808	252	251	1	-	1	1	-	-	-	-
Union-----	684	365	148	151	233	192	41	-	41	-	-	38	3	-
Williamsburg-----	1,727	469	213	1,043	362	293	69	-	69	-	-	-	-	69
York-----	1,969	1,389	201	377	440	280	160	2	158	-	-	102	46	12
Rock Hill-----	619	592	14	13	114	68	46	-	46	-	-	-	46	-
Balance of county-----	1,350	797	167	364	326	212	114	2	112	-	-	102	-	12
SOUTH DAKOTA -----	16,277	14,522	1,565	60	5,707	2,775	2,932	313	2,529	220	224	124	1,744	530
Armstrong-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aurora-----	60	36	24	-	24	24	-	-	-	-	-	-	-	-
Beadle-----	736	398	338	-	234	100	134	-	111	-	-	-	-	111
Buron-----	732	390	334	-	207	75	134	-	111	-	-	-	-	111
Balance of county-----	4	-	-	-	27	27	-	-	-	-	-	-	-	-
Bennett-----	18	1	13	-	14	14	-	-	-	-	-	-	-	-
Bon Homme-----	199	161	37	1	48	43	5	-	-	-	-	-	-	-
Brookings-----	538	528	10	-	134	63	71	3	68	-	-	54	-	17
Brown-----	1,130	1,123	6	-	326	99	227	16	209	-	-	-	209	16
Brown-----	1,124	1,123	-	-	268	66	222	11	209	-	-	-	209	11
Balance of county-----	6	-	6	-	38	33	5	5	-	-	-	-	-	5
Brule-----	33	17	16	-	24	19	5	-	4	-	-	-	-	4
Buffalo-----	20	13	1	1	11	6	5	-	5	5	-	-	-	-
Butte-----	224	212	12	-	76	43	33	-	32	-	-	-	32	-
Campbell-----	7	-	7	-	13	13	-	-	-	-	-	-	-	-
Charles Mix-----	242	231	11	-	62	60	22	1	21	9	-	1	-	12
Clark-----	67	39	27	-	47	47	-	-	-	-	-	-	-	-
Clay-----	257	250	7	-	75	47	26	-	26	-	-	-	26	-
Codington-----	892	863	6	-	230	82	148	-	147	-	-	-	61	86
Codington-----	890	862	7	-	211	63	148	-	147	-	-	-	61	86
Balance of county-----	2	1	1	-	19	19	-	-	-	-	-	-	-	-
Cotton-----	22	-	14	7	19	19	-	-	-	-	-	-	-	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary		
SOUTH DAKOTA—Continued														
Custer	56	43	12	-	50	29	21	-	21	-	21	-		
Devon	986	984	2	-	380	84	296	9	274	-	-	274		
Mitchell	985	984	1	-	368	72	296	9	274	-	-	274		
Balance of county	1	-	1	-	12	12	-	-	-	-	-	-		
Day	278	252	20	-	121	77	44	-	44	-	-	38		
Deuel	20	1	19	-	40	40	-	-	-	-	-	-		
Dewey	87	77	5	4	34	22	12	-	12	12	-	-		
Douglas	21	21	-	-	20	20	-	-	-	-	-	-		
Edmunds	140	15	122	3	38	25	13	-	9	-	-	9		
Fall River	378	370	3	-	186	41	145	3	140	65	3	30		
Faulk	78	72	3	-	31	20	11	-	11	-	11	-		
Grant	222	184	38	-	78	80	26	-	26	-	-	26		
Gregory	288	282	15	-	88	44	44	-	44	-	27	-		
Hankson	84	80	4	-	18	16	2	-	1	-	-	1		
Hardin	54	49	5	-	51	36	15	10	5	-	-	5		
Hand	153	141	12	-	51	29	22	-	22	-	-	22		
Hanson	20	-	11	8	14	14	-	-	-	-	-	-		
Harding	3	-	3	-	11	11	-	-	-	-	-	-		
Hughes	447	445	2	-	133	28	107	-	105	-	-	105		
Hutchinson	372	323	4*	1	77	60	17	-	17	-	-	17		
Hyde	19	7	12	-	17	17	-	-	-	-	-	-		
Jackson	70	70	-	-	19	7	12	-	11	-	-	11		
Jerauld	45	36	9	-	19	15	4	-	4	-	4	-		
Jones	70	70	-	-	21	12	9	-	9	-	-	9		
Kingsbury	20	-	20	-	44	41	3	3	-	-	3	-		
Lake	416	399	17	-	105	57	48	-	46	-	-	46		
Lawrence	535	514	19	1	160	87	73	5	67	-	6	43		
Lincoln	198	147	52	-	96	55	31	7	23	-	-	26		
Lynne	42	28	9	1	19	16	3	-	2	-	-	2		
McCook	46	-	46	-	54	54	-	-	-	-	-	-		
McPherson	234	219	11	3	61	20	41	6	35	-	-	41		
Marshall	404	398	7	-	74	41	33	-	33	-	-	33		
Meade	148	132	13	2	79	47	32	25	-	25	-	-		
Mellette	26	1	4	4	32	28	4	-	-	-	-	4		
Miner	92	51	40	-	37	32	5	-	3	-	-	3		
Minnehaha	2,306	2,207	99	-	680	200	480	19	466	-	4	449		
Sioux Falls	2,216	2,198	17	-	614	137	477	17	455	-	4	447		
Balance of county	90	9	81	-	76	65	13	2	11	-	-	2		
Moody	155	21	114	-	67	55	14	-	10	1	9	-		
Pemington	914	890	22	2	279	102	177	8	167	31	9	135		
Rapid City	871	861	9	1	227	58	169	6	161	26	6	135		
Balance of county	43	29	13	1	52	44	6	2	6	5	3	-		
Perkins	132	97	34	1	21	15	6	-	6	-	-	6		
Potter	159	102	37	-	40	23	17	-	17	-	-	17		
Roberts	224	149	68	4	121	82	39	-	33	13	-	20		
Sauborn	1	-	1	-	17	17	-	-	-	-	-	-		
Shannon	188	165	5	1	52	30	22	-	22	22	-	-		
Spink	184	167	14	3	126	81	45	27	18	-	25	19		
Stanley	2	-	-	1	5	5	-	-	-	-	-	-		
Sully	4	2	2	-	10	9	1	-	-	-	-	-		
Todd	126	102	3	6	42	25	17	-	17	17	-	-		
Tripp	216	206	2	2	67	41	26	-	26	-	-	26		
Turner	108	95	13	-	79	73	6	-	6	-	-	6		
Union	35	25	10	-	40	40	-	-	-	-	-	-		
Walworth	347	340	5	-	74	48	26	-	26	-	-	17		
Washabaugh	14	7	3	-	5	5	-	-	-	-	-	5		
Washington	1	-	-	-	2	2	-	-	-	-	-	-		
Yankton	640	625	12	3	349	52	297	171	126	-	171	126		
Ziebach	61	44	12	1	20	20	-	-	-	-	-	-		
TENNESSEE														
	88,921	59,405	23,136	4,993	29,478	18,581	10,897	1,138	9,395	685	704	3,620	3,575	1,950
Anderson	1,736	1,067	611	59	246	186	60	-	60	59	1	-	-	
Bedford	563	438	137	7	219	168	51	-	51	-	51	-	-	
Benton	243	125	75	43	93	95	-	-	-	-	-	-	-	
Bledsoe	266	65	191	28	76	68	8	-	-	-	-	-	-	
Blount	1,573	1,158	385	30	314	223	91	1	56	-	2	45	10	
Bradley	1,047	706	267	73	275	215	60	2	58	-	2	-	58	
Cleveland	844	706	106	32	153	100	58	-	58	-	-	-	58	
Balance of county	203	-	161	41	117	135	2	2	-	-	2	-	65	
Campbell	1,236	607	607	21	285	202	83	-	65	-	-	-	83	
Cannon	292	258	22	12	102	69	34	1	33	-	1	-	33	
Carroll	574	191	374	9	212	211	1	1	-	-	1	-	1	
Carter	1,099	795	237	67	273	203	70	1	67	1	1	14	52	
Cheatham	124	-	119	4	67	66	1	-	-	-	-	-	-	
Chester	219	12	190	17	51	51	-	-	-	-	-	-	-	
Clinborne	540	156	380	33	121	100	21	-	10	-	-	-	10	
Clay	211	-	116	52	48	46	2	-	-	-	-	-	2	
Cocks	604	102	447	55	204	176	28	-	28	-	-	-	28	
Coffee	579	403	147	26	196	168	28	4	14	-	4	-	14	
Crockett	319	1	306	12	129	128	1	1	-	-	-	-	1	
Cumberland	518	125	266	127	109	93	16	-	16	-	-	-	16	
Davidson	8,006	8,046	541	17	3,737	1,613	2,124	379	1,690	102	191	608	982	186
Nashville	7,850	7,284	351	5	2,638	1,145	1,493	39	1,402	-	-	373	888	180
Balance of county	956	752	190	12	1,099	468	631	340	288	102	191	235	94	8
Decatur	229	42	176	11	79	79	-	-	-	-	-	-	-	
De Kalb	97	1	81	15	87	87	-	-	-	-	-	-	-	
Dickson	499	250	238	9	151	144	7	1	-	-	-	-	7	
Dyer	824	452	430	41	317	245	72	-	72	-	-	-	72	
Dyersburg	544	450	70	24	175	103	72	-	72	-	-	-	72	
Balance of county	380	2	360	17	142	142	-	-	-	-	-	-	-	

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS									
	Total ¹	Attended by—					Total	Total	Type of institution		Type of control					
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary	
TENNESSEE—Continued																
Fayette	854	91	153	610	186	177	9	1	8							8
Fentress	433	201	118	113	59	58	1									
Franklin	600	449	111	39	245	201	44		41							9
Gibson	1,364	917	414	33	445	369	76	1	70				1		43	27
Giles	582	312	219	59	244	206	38	7	51				3			35
Grainger	198		167	31	72	72										
Greene	1,286	1,012	230	53	381	221	160		160						63	97
Grundy	407	206	162	36	78	72	6									
Hamblen	745	597	115	33	209	117	92		79							
Hamilton	6,590	5,534	859	157	2,295	1,086	1,209	58	1,115				909		35	230
Chattanooga	5,944	5,412	402	100	1,915	806	1,109	14	1,078				885			228
Balance of county	646	122	457	57	380	280	100	44	57						35	22
Hancock	214	9	60	42	48	46	2									
Hardenman	464	13	287	164	334	147	207	207			207					
Hardin	351		302	47	132	131	1									
Hawkins	618	257	312	49	156	140	16	1	15				1		1	14
Haywood	981	397	210	383	256	181	75		67				62			5
Henderson	479	216	250	13	122	119	3		3							3
Henry	559	286	261	12	242	191	51	1	50				1			50
Hickman	173	2	141	27	92	92										
Houston	121		111	10	67	67										
Humphreys	240	29	207	4	85	85										
Jackman	277		232	43	90	90										
Jefferson	498	237	231	7	166	141	25		19							19
Johnson	334	168	127	39	75	71	4		3							3
Knox	6,231	5,145	1,035	51	2,198	1,080	1,138	203	907			160	461		442	47
Knoxville	5,604	5,128	463	13	1,592	690	902	3	881			3	416		418	47
Balance of county	627	17	572	38	606	370	236	200	26			157	45		24	
Lake	344	56	239	49	102	101	1									
Lauderdale	438		332	106	202	202										
Lawrence	939	596	322	20	210	167	43		43							43
Lewis	315	246	66	3	48	45	3									
Lincoln	778	578	192	8	277	180	97		97				97			
Loudon	685	412	259	13	132	103	29		29							
McMinn	1,266	900	144	22	250	174	76		73							73
McNairy	535	207	276	45	141	138	3									
Marion	235	39	172	24	117	116	1									
Jackson	1,759	1,134	291	354	606	422	184		184						75	109
Balance of county	1,351	1,134	106	111	436	253	183		183						75	108
Balance of county	408		185	223	170	169	1									1
Marion	517		502	9	136	136										
Marshall	484	403	69	12	188	110	78		78				1			77
Meigs	1,050	579	396	74	370	303	67	2	65				2		65	
Columbia	668	579	71	17	162	97	65		65						65	
Balance of county	382		325	57	208	206	2	2					2			
Meigs	90	1	45	39	27	27										
Monroe	764	341	345	77	173	133	40		40						40	
Montgomery	1,055	656	309	89	353	269	84	2	81				2		70	11
Clarksville	791	655	94	42	211	130	81		81						70	11
Balance of county	264	1	215	47	142	139	3	2					2			
Moore	31		31		35	35										
Morgan	299		254	45	66	65	1	1			1					
Obion	563	313	241	9	252	217	35	5	30				5			30
Overton	438	105	289	62	89	70	19									
Perry	106		102	4	36	36										
Pickett	60		54	6	32	32										
Polk	427	284	152	11	101	94	7		6							6
Putnam	834	511	286	65	198	154	44		44				44			
Rhea	399	145	181	59	105	84	21		19							19
Roane	1,307	1,076	179	44	285	177	108		108				53		55	
Robertson	689	385	271	13	219	161	58	3	35				36			
Rutherford	891	723	142	25	388	244	144	61	78	55			6		76	2
Scott	613	365	148	100	131	114	17	1	15				1			15
Sequatchie	144		132	12	34	34										
Sevier	699	469	136	47	174	131	43	1	42				1			42
Shelby	13,113	11,114	681	263	5,154	2,090	3,064	176	2,846	328	4	1,215	1,358		1,358	117
Memphis	12,140	10,857	473	37	4,202	1,650	2,552	18	2,499	92	4	961	1,358		1,358	102
Balance of county	999	257	208	228	952	440	512	158	347	236			254			15
Smith	196	1	193	2	101	101										
Stewart	176		165	11	68	68										
Sullivan	2,641	1,985	566	69	551	403	148	2	145				2		139	6
Bristol ¹⁰	183		70	11	100	93	7		6							6
Kingsport	1,931	1,882	48	1	215	76	139		139						139	
Balance of county	527	1	468	57	236	234	2	2					2			
Sumner	683	397	233	53	288	258	30	3	24				1		24	2
Tipton	726	40	499	178	167	167										
Trousdale	136	62	73	1	34	33	1									
Union	462	335	96	31	108	84	24		24							24
Union	127		105	22	41	41										
Van Buren	67		54	13	23	23										
Warren	725	574	139	11	184	143	41	3	32				3			32
Washington	1,677	1,272	390	15	593	304	289	1	288	140		139	1			9
Johnson City	1,376	1,271	102	3	409	121	288		288	140		139				9
Balance of county	301	1	288	12	184	163	1	1					1			
Wayne	370	181	155	34	99	78	21		10							10
Weakley	542	357	184	1	258	224	34	3	31				3			31
White	488	267	206	14	142	125	17		17							17
Williamson	560	423	200	16	217	173	44	4	37				5			36
Wilson	927	805	106	11	285	197	88		86							86

See footnotes on p. 109

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non-profit	Pro- prietary		
TEXAS	197,254	148,378	26,520	20,599	62,438	37,960	24,475	1,598	22,503	1,167	1,846	5,244	8,141	7,657
Anderson	714	458	126	128	357	255	102	-	102	-	-	-	33	69
Palestine	528	458	42	27	236	136	102	-	102	-	-	-	33	69
Balance of county	186	-	84	101	119	119	-	-	-	-	-	-	-	-
Andrews	83	81	2	-	19	17	2	-	2	-	-	2	-	-
Angelina	1,061	911	120	27	294	187	107	-	106	-	-	106	-	-
Archer	32	32	-	-	33	27	6	-	6	-	-	-	-	6
Armadillo	-	-	-	-	17	17	-	-	-	-	-	-	-	-
Atascosa	492	101	258	118	151	142	9	-	9	-	-	-	-	9
Austin	316	156	112	64	157	132	25	-	25	-	-	-	-	25
Bailey	123	119	2	1	32	19	13	-	13	-	-	-	-	13
Bandera	32	23	5	3	32	28	4	-	-	-	-	-	-	4
Bastrop	454	220	86	146	205	172	33	-	28	-	-	-	-	28
Baylor	178	175	3	-	52	32	30	1	29	-	-	29	-	1
Bee	576	329	119	125	173	117	56	-	56	-	-	-	-	56
Bell	1,583	1,244	284	51	635	257	378	-	376	115	-	-	115	148
Temple	956	809	110	36	563	102	261	-	261	25	-	-	25	121
Balance of county	627	435	174	15	272	155	117	-	115	90	-	-	90	25
Bexar	14,817	10,560	1,042	3,139	4,474	2,285	2,189	236	1,898	251	187	384	1,067	245
San Antonio	13,989	10,028	941	2,956	3,946	2,075	1,871	14	1,809	225	1	321	1,060	228
Balance of county	828	532	101	183	528	210	318	222	89	26	166	63	17	19
Elanco	89	79	6	3	49	38	11	-	11	-	-	-	-	11
Borden	-	-	-	-	2	2	-	-	-	-	-	-	-	2
Bosque	331	312	18	1	121	101	20	-	20	-	-	-	-	20
Bowie	1,142	614	246	275	470	374	96	1	92	3	-	-	1	89
Texarkana ¹¹	646	532	33	79	273	183	90	-	90	-	-	-	-	90
Balance of county	496	82	213	196	197	191	6	1	2	3	-	-	-	6
Brazoria	1,131	1,030	30	67	235	163	72	12	60	21	6	6	18	21
Brazos	1,250	940	50	249	300	202	88	-	97	-	2	-	2	73
Bryan	1,430	959	36	150	229	133	96	-	95	-	-	-	22	73
Balance of county	120	1	14	99	71	69	2	-	2	-	2	-	-	2
Brewster	250	101	120	17	65	58	7	-	7	-	-	-	-	7
Briscoe	5	-	5	-	7	7	-	-	-	-	-	-	-	7
Brooks	316	215	44	37	89	57	12	-	9	-	-	-	-	9
Brown	866	630	29	6	277	150	127	-	120	-	-	-	-	120
Brownwood	851	818	27	6	225	101	124	-	120	-	-	-	-	120
Balance of county	15	12	2	-	52	49	3	-	-	-	-	-	-	3
Burlinson	187	2	62	119	128	127	1	-	1	1	-	-	-	1
Burnet	204	161	30	8	73	64	9	-	8	-	-	-	-	8
Caldwell	609	298	222	62	213	173	40	-	39	-	-	-	-	39
Calhoun	119	1	103	11	39	39	-	-	-	-	-	-	-	39
Callahan	143	111	31	1	61	58	13	-	12	-	-	12	-	12
Cameron	4,726	1,454	1,128	2,056	1,104	866	218	2	213	-	-	-	206	9
Brownsville	1,269	565	97	598	344	259	85	2	92	-	-	-	84	9
Hearlingen	1,051	882	127	39	248	115	133	-	131	-	-	-	122	9
Balance of county	2,406	7	904	1,419	512	512	-	-	-	-	-	-	-	-
Camp	356	276	30	50	86	73	13	-	13	-	-	-	-	13
Carson	70	63	6	-	42	30	12	-	12	-	-	-	-	12
Cass	764	449	142	163	212	170	42	-	41	-	-	-	-	41
Castro	162	101	1	-	16	15	1	-	1	-	-	-	-	1
Chambers	81	48	12	20	37	32	5	-	-	-	-	-	-	5
Cherokee	1,122	801	208	105	506	226	280	165	111	-	165	-	90	21
Childress	245	241	4	-	92	79	13	-	13	-	-	-	-	13
Cline	40	-	40	-	45	45	-	-	-	-	-	-	-	45
Cochran	66	49	15	3	19	16	3	-	-	-	-	-	-	3
Coke	21	10	11	-	10	8	2	-	-	-	-	-	-	2
Coleman	357	316	31	1	156	107	49	1	48	-	-	35	1	13
Collin	850	635	192	20	521	265	235	1	234	159	-	75	1	1
Collingsworth	237	231	6	-	80	32	28	-	28	-	-	-	-	28
Colorado	325	190	28	103	141	123	18	-	18	-	-	-	-	18
Comal	441	268	127	34	172	118	54	-	53	-	-	-	-	53
Comanche	147	135	11	-	104	92	12	-	12	-	-	-	-	12
Concho	61	18	32	7	27	22	5	-	5	-	-	-	-	5
Cooke	597	546	43	5	212	125	87	-	87	-	-	-	1	86
Coryell	277	266	9	2	129	103	26	-	25	-	-	26	-	25
Cottle	166	138	26	1	58	50	28	-	28	-	-	-	1	27
Crawson	72	-	-	-	14	10	4	-	4	-	-	-	-	4
Crockett	55	-	49	6	13	13	-	-	-	-	-	-	-	13
Crosby	171	120	51	-	44	36	8	-	8	-	-	-	7	1
Culberson	28	-	26	-	16	16	-	-	-	-	-	-	-	16
Dallas	18	-	15	-	39	38	1	-	1	-	-	-	1	1
Dallas	14,284	13,597	613	52	4,534	2,410	2,124	6	2,095	119	-	614	1,096	273
Highland Park	13,898	13,466	388	28	3,009	1,793	2,016	4	1,996	117	-	530	1,095	258
University Park	-	-	-	-	53	53	-	-	-	-	-	-	-	53
Balance of county	396	131	225	24	608	500	108	2	99	1	-	84	1	15
Dawson	692	555	90	44	156	96	60	-	59	-	-	-	-	59
Deaf Smith	227	184	42	1	55	50	5	-	5	-	-	5	-	5
Delta	135	92	39	4	64	59	5	-	4	-	-	1	1	3
Denton	761	626	133	2	317	194	123	-	118	-	-	2	1	115
Denton	533	505	26	2	180	77	103	-	102	-	-	2	-	100
Balance of county	228	121	107	-	137	117	20	-	16	-	-	-	1	15
De Witt	534	281	143	68	260	185	75	2	71	-	-	-	1	72
Dickens	142	85	45	4	49	34	15	-	15	-	-	-	-	15
Dimmit	299	1	209	64	72	72	-	-	-	-	-	-	-	72
Donley	86	70	19	7	52	42	10	-	10	-	-	-	7	3
Duval	418	98	203	91	100	97	3	-	3	-	-	-	-	3
Eastland	918	890	26	2	289	189	100	-	99	-	-	35	-	64
Ector	823	728	95	3	140	71	69	-	68	-	-	-	-	68
Edwards	57	-	22	14	10	10	-	-	-	-	-	-	-	10

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
TEXAS—Continued														
Ellis	938	655	227	54	407	318	89	3	85	-	-	48	3	37
El Paso	6,291	5,244	359	627	1,513	723	790	1	782	70	-	268	222	217
El Paso	4,825	4,165	151	478	1,244	538	706	-	705	-	-	268	222	213
Balance of county	1,466	1,079	208	149	269	185	84	1	79	70	-	-	-	4
Erath	432	408	24	-	148	108	40	-	40	-	-	-	-	40
Falls	731	450	111	153	303	188	115	1	114	-	-	-	-	114
Fannin	664	475	173	15	305	250	55	-	49	-	-	1	46	2
Fayette	504	350	88	57	303	220	83	1	80	-	-	1	22	58
Fisher	306	294	9	-	76	40	36	-	34	-	1	-	-	35
Floyd	146	117	29	-	69	58	11	-	8	-	-	-	-	8
Foard	75	63	11	1	44	42	2	-	2	-	-	2	-	-
Fort Bend	563	315	154	107	225	157	68	1	67	-	1	-	24	43
Franklin	65	17	43	5	57	54	3	-	1	-	-	1	-	-
Freestone	370	199	63	102	175	150	25	-	18	-	-	18	-	-
Frio	424	90	178	146	120	112	8	-	8	-	-	-	-	8
Gaines	261	248	13	-	60	45	15	-	1	-	-	-	-	1
Galveston	2,884	2,755	126	2	1,558	860	698	23	670	58	442	1	-	194
Galveston	2,350	2,256	93	-	1,029	358	671	15	654	55	442	1	-	171
Balance of county	534	499	33	2	529	502	27	8	16	1	-	-	-	23
Garza	106	-	95	11	37	37	-	-	-	-	-	-	-	-
Gillespie	353	349	3	1	106	68	40	-	39	-	-	-	-	39
Glasscock	-	-	-	-	3	3	-	-	-	-	-	-	-	-
Goliad	110	-	66	17	57	57	-	-	-	-	-	-	-	-
Gonzales	511	200	261	42	212	193	19	-	17	-	-	1	-	16
Gray	748	702	44	-	178	75	101	-	100	-	-	-	-	100
Gray	735	702	33	-	153	82	101	-	100	-	-	-	-	100
Balance of county	11	-	11	-	23	23	-	-	-	-	-	-	-	-
Grayson	1,727	1,563	143	18	739	397	342	1	335	-	-	14	216	106
Denison	665	633	20	11	266	140	126	-	124	-	-	13	105	6
Sherman	892	849	26	6	310	99	211	-	211	-	-	-	110	100
Balance of county	180	81	97	1	163	158	5	1	-	-	-	-	1	-
Gregg	1,738	1,603	33	93	503	283	220	-	214	-	-	76	76	62
Longview	959	909	13	32	216	96	120	-	118	-	-	76	35	7
Balance of county	779	694	20	61	287	187	100	-	96	-	-	76	41	55
Grimes	433	331	31	67	165	125	40	-	39	-	-	-	-	39
Guadalupe	619	242	297	69	236	199	37	-	34	-	-	-	-	34
Hale	643	575	68	1	143	67	76	-	74	-	-	-	2	72
Hall	322	286	23	12	87	41	46	-	46	-	-	-	-	46
Hamilton	226	206	20	-	93	60	33	-	32	-	-	-	-	32
Hansford	19	8	11	3	17	14	3	-	-	-	-	-	-	-
Hartman	337	326	8	3	90	40	42	-	42	-	-	42	-	2
Hardin	429	160	258	6	114	112	2	-	2	-	-	-	-	2
Harris	18,721	17,745	427	554	5,748	2,626	3,122	25	3,053	98	-	1,094	1,347	540
Houston	16,789	16,032	307	431	5,062	2,180	2,882	15	2,839	37	-	1,091	1,343	392
Balance of county	1,932	1,681	120	123	686	446	240	11	215	61	-	3	4	158
Harrison	1,209	604	77	517	461	349	112	-	112	-	-	-	-	112
Marshall	774	604	43	119	268	156	112	-	112	-	-	-	-	112
Balance of county	435	-	34	398	193	-	-	-	-	-	-	-	-	-
Hartley	341	330	11	-	35	5	-	-	30	-	-	-	-	29
Haskell	285	272	5	8	63	40	23	-	23	-	-	23	-	-
Hays	365	160	148	35	156	128	28	-	26	-	-	-	26	6
Hempfl	82	75	7	-	35	26	9	-	9	-	-	-	-	9
Henderson	513	321	128	60	153	143	10	1	9	-	-	2	-	9
Hidalgo	6,256	1,589	2,215	2,236	1,398	1,113	273	-	255	-	-	190	26	39
McAllen	1,189	598	228	-	317	217	64	-	64	-	-	64	-	64
Balance of county	5,107	990	1,987	1,919	1,175	886	189	-	171	-	-	84	26	29
Hill	526	275	46	266	234	32	32	-	32	-	-	-	-	32
Hockley	369	358	23	7	83	58	25	-	25	-	-	-	-	25
Hood	57	57	19	-	42	37	5	-	5	-	-	-	-	5
Hopkins	547	488	46	12	256	194	62	-	43	-	-	-	-	43
Houston	578	286	181	90	213	194	19	-	19	-	-	-	-	19
Howard	732	665	34	29	198	85	132	39	93	-	-	39	-	93
Big Spring	718	665	28	25	146	52	94	1	93	-	-	-	-	93
Balance of county	14	-	6	4	52	14	38	38	-	-	-	38	-	-
Hudspeth	110	-	12	-	18	18	-	-	-	-	-	-	-	-
Hunt	1,166	885	263	17	432	314	118	1	115	-	-	-	1	115
Greenville	823	670	142	10	233	132	101	-	99	-	-	-	-	99
Balance of county	343	215	121	7	199	182	17	1	15	-	-	-	1	16
Rutkinson	870	861	9	-	143	51	92	-	92	-	-	-	-	92
Borger	728	720	8	-	105	29	74	-	74	-	-	74	-	74
Balance of county	142	141	7	-	40	22	18	-	18	-	-	-	-	18
Iris	20	19	1	-	8	8	-	-	-	-	-	-	-	-
Jack	138	130	8	-	48	38	10	-	10	-	-	-	-	10
Jackson	204	8	165	27	69	69	-	-	-	-	-	-	-	-
Jasper	594	316	210	64	174	157	17	-	15	-	-	-	-	15
Jeff Davis	56	-	50	4	18	18	-	-	-	-	-	-	-	-
Jefferson	5,319	4,663	303	309	1,415	754	661	1	645	-	-	126	485	55
Beaumont	2,823	2,597	133	763	763	348	415	-	413	-	-	87	275	51
Port Arthur	2,151	2,014	87	22	404	208	196	-	192	-	-	-	-	192
Balance of county	345	52	127	154	248	198	50	1	40	-	-	39	2	4
Jim Hogg	141	1	78	55	33	33	-	-	-	-	-	-	-	-
Jim Wells	899	530	255	91	176	122	54	-	54	-	-	-	-	54
Johnson	697	572	117	7	298	228	69	-	60	-	-	-	-	60
Cleburne	473	419	46	7	145	115	30	-	30	-	-	-	-	30
Balance of county	224	153	71	-	143	113	30	-	30	-	-	-	-	30
Jones	417	322	84	10	149	100	49	-	49	-	-	-	-	49
Karnes	506	160	259	56	126	98	27	-	25	-	-	-	-	25
Kaufman	779	501	202	74	477	193	284	-	81	-	-	197	-	81
Terrell	444	391	36	17	337	61	276	-	197	-	-	197	-	74
Balance of county	335	110	166	57	140	132	8	1	7	-	-	1	-	7

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

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		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control			
						Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary	
TEXAS—Continued													
Kendall	59	24	23	11	46	43	3	-	3	-	-	3	
Kennedy	3	-	1	2	2	2	-	-	-	-	-	-	
Kent	32	20	12	-	6	6	-	-	-	-	-	-	
Kerr	365	264	90	9	277	30	187	-	187	73	74	32	
Kimble	77	-	72	-	29	29	-	-	-	-	-	-	
King	1	-	-	1	1	1	-	-	-	-	-	-	
Kinney	39	-	14	24	17	17	-	-	-	-	-	-	
Kleberg	726	514	142	61	155	84	51	-	51	-	51	-	
Kleberg	303	270	19	13	61	27	27	-	27	-	27	-	
Knock	-	-	-	-	-	-	-	-	-	-	-	-	
Knock	1,418	994	341	78	514	300	214	-	214	-	45	58	
Lamar	998	813	161	15	359	157	202	-	202	-	45	58	
Paris	432	184	180	63	155	143	12	-	12	-	-	12	
Balance of county	695	665	13	9	156	48	88	-	88	-	-	1	
Lamb	299	253	32	2	118	84	34	-	34	-	-	34	
Lampasas	259	73	116	57	61	56	3	-	3	-	-	3	
La Salle	699	571	72	40	269	156	113	4	98	-	4	39	
Lavaca	103	-	-	49	51	74	-	-	-	-	-	-	
Lee	182	-	66	106	86	86	-	-	-	-	-	-	
Lecon	337	816	48	72	272	148	124	-	124	-	31	35	
Liberty	512	265	145	96	204	185	39	2	37	-	2	37	
Limestone	61	58	3	-	47	44	3	-	3	-	-	3	
Lipscomb	179	68	82	14	57	54	3	-	3	-	-	3	
Live Oak	89	74	12	-	59	58	1	-	1	-	-	1	
Llano	-	-	-	-	-	-	-	-	-	-	-	-	
Lowing	-	-	-	-	-	-	-	-	-	-	-	-	
Lubbock	2,913	2,471	401	37	625	304	321	-	318	-	1	74	
Lubbock	2,526	2,259	250	15	514	222	292	-	289	-	1	45	
Balance of county	387	212	151	22	111	82	29	-	29	-	-	29	
Lynn	160	101	32	26	64	51	13	-	13	-	-	13	
McCulloch	432	394	28	3	124	73	51	-	51	-	-	51	
McLennan	2,998	2,508	276	196	1,178	660	498	84	413	72	2	37	
McLennan	2,663	2,459	116	74	811	398	413	-	413	-	2	25	
Waco	335	49	180	122	367	282	85	84	-	72	-	12	
Balance of county	9	7	1	6	6	6	-	-	-	-	-	-	
McMullen	189	91	35	63	50	50	-	-	-	-	-	-	
Madison	238	66	103	67	94	90	4	-	3	-	-	3	
Marion	106	65	5	3	26	21	5	-	4	-	-	4	
Martin	36	-	35	1	38	38	-	-	-	-	-	-	
Mason	600	394	138	63	173	106	67	-	61	-	61	-	
Matagorda	447	66	124	239	109	88	21	-	19	-	19	-	
Maverick	522	259	118	138	129	111	17	-	17	-	-	17	
Medina	76	-	68	8	30	30	-	-	-	-	-	-	
Menard	513	456	37	10	115	53	62	-	62	-	-	1	
Midland	481	271	122	88	220	188	32	-	32	-	-	27	
Milan	10	4	6	-	40	40	-	-	-	-	-	-	
Mills	360	315	26	14	99	65	34	-	34	-	-	34	
Mitchell	362	285	76	-	163	111	52	-	52	-	-	52	
Montague	554	393	99	62	214	147	67	-	67	-	67	-	
Montgomery	75	30	42	2	34	34	5	-	5	-	-	5	
Moore	118	23	63	28	57	57	-	-	-	-	-	-	
Morris	181	169	12	-	28	15	13	-	13	-	-	13	
Motley	832	589	175	66	269	182	87	-	87	-	87	-	
Nacogdoches	1,019	779	152	80	357	249	108	-	108	-	68	7	
Navarro	842	776	49	17	217	109	108	-	108	-	68	7	
Corpus Christi	177	3	105	63	140	140	-	-	-	-	-	-	
Balance of county	186	-	105	79	56	56	-	-	-	-	-	-	
Newton	572	563	8	-	142	63	77	-	76	-	61	15	
Nolan	432	428	4	-	110	48	62	-	61	-	61	-	
Sweetwater	140	135	4	-	32	17	15	-	15	-	-	15	
Balance of county	5,393	3,753	597	1,006	1,063	563	500	1	493	50	11	62	
Mueces	3,931	3,117	294	599	782	373	409	1	404	-	4	61	
Corpus Christi	1,462	616	395	407	281	180	91	-	89	50	7	1	
Balance of county	225	222	5	-	48	19	26	-	26	-	-	26	
Ochiltree	4	-	4	-	5	5	-	-	-	-	-	-	
Oldham	1,193	1,068	19	106	219	119	100	-	100	-	46	54	
Orange	452	438	14	-	208	150	78	-	77	-	-	51	
Palo Pinto	202	16	79	104	121	119	2	-	1	-	-	1	
Panola	409	375	33	-	168	109	59	-	59	-	27	32	
Farker	33	31	2	-	20	18	2	-	2	-	-	2	
Farmer	236	61	137	34	59	44	15	-	13	-	-	13	
Fcos	470	519	73	69	145	122	23	-	23	-	-	23	
Folke	2,362	2,327	52	-	646	193	453	-	448	64	206	142	
Amarillo (part)	2,362	2,327	52	-	583	182	401	-	396	12	206	142	
Amarillo (total)	2,362	2,327	52	-	583	182	401	-	396	12	206	142	
Balance of county	-	-	-	-	63	11	52	-	52	52	-	-	
Presidio	240	5	149	82	59	58	1	-	-	-	-	-	
Bains	36	-	35	1	29	28	1	-	-	-	-	-	
Randall	163	161	2	-	46	30	18	-	18	-	-	-	
Amarillo (part)	-	-	-	-	-	-	-	-	-	-	-	-	
Balance of county	163	161	2	-	48	30	18	-	18	-	-	-	
Reagan	26	12	14	-	3	2	1	-	-	-	-	1	
Real	20	-	12	7	5	5	-	-	-	-	-	-	
Red River	510	290	121	97	199	167	32	-	29	-	29	-	
Reeves	374	171	181	7	84	82	2	-	2	-	-	2	
Refugio	241	183	36	19	55	32	23	-	23	-	23	-	
Roberts	-	-	-	-	8	8	-	-	-	-	-	-	
Robertson	407	91	95	215	197	189	8	-	7	-	1	6	
Rockwall	54	3	45	4	37	37	-	-	-	-	-	-	
Ruppel	427	315	106	6	131	92	39	-	39	-	23	16	
Rusk	917	503	252	155	269	227	62	1	61	-	55	7	
Sabine	163	42	105	15	69	69	-	-	-	-	-	-	

See footnotes on p. 19.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary		
TEXAS—Continued														
San Augustine	219	91	59	67	63	60	3	-	2	-	-	2		
San Jacinto	84	-	40	43	54	54	-	-	-	-	-	-		
San Patricio	1,134	415	552	142	325	239	86	-	85	-	-	85		
San Saba	257	169	82	4	67	60	7	-	7	-	-	7		
Schleicher	37	-	19	5	15	15	-	-	-	-	-	-		
Scurry	189	176	19	4	52	56	16	-	16	-	-	16		
Shackelford	21	-	21	-	33	33	-	-	-	-	-	-		
Shelby	620	457	120	43	192	181	11	-	11	-	-	11		
Sherman	-	-	-	-	5	5	-	-	-	-	-	-		
Smith	1,874	1,343	156	372	580	428	152	-	150	-	-	97		
Tyler	1,478	1,299	40	138	358	206	152	-	150	-	-	97		
Balance of county	396	44	116	234	222	222	-	-	-	-	-	53		
Somervell	29	26	3	-	37	29	8	-	8	-	-	8		
Starr	482	3	331	77	103	103	-	-	-	-	-	-		
Stephens	195	195	6	-	79	44	35	-	35	-	-	35		
Sterling	6	-	4	2	4	4	-	-	-	-	-	-		
Stonewall	20	17	2	-	14	14	-	-	-	-	-	-		
Sutton	81	-	71	-	14	14	-	-	-	-	-	-		
Swisher	168	164	4	-	38	26	12	-	12	-	12	-		
Tarrant	8,707	8,499	178	25	2,682	1,271	1,411	51	1,345	16	323	909		
Fort Worth	8,424	8,293	106	22	2,574	1,028	1,346	16	1,320	2	300	892		
Balance of county	283	206	72	3	308	243	65	35	25	14	23	17		
Taylor	1,671	1,616	46	6	505	229	276	62	214	62	-	206		
Abilene	1,533	1,492	34	5	360	154	206	-	206	-	-	206		
Balance of county	138	124	12	1	145	75	70	62	8	62	-	8		
Terrell	58	1	52	5	-	-	-	-	-	-	-	-		
Terry	388	300	80	4	79	46	33	-	33	-	-	33		
Throckmorton	5	-	4	-	16	16	-	-	-	-	-	-		
Titus	374	272	75	25	135	107	28	-	25	-	-	1		
Tom Green	1,778	1,577	49	129	576	212	364	4	358	58	5	273		
San Angelo	1,467	1,274	43	129	450	176	274	-	273	-	-	228		
Balance of county	311	303	6	-	126	36	90	4	85	39	5	45		
Travis	3,912	3,496	198	209	1,488	522	966	387	597	364	379	104		
Austin	3,766	3,496	141	122	1,374	434	940	356	582	353	364	104		
Balance of county	146	-	57	87	114	88	26	11	15	11	15	-		
Trinity	139	-	89	46	84	84	-	-	-	-	-	-		
Tyler	213	70	106	31	74	73	1	-	1	-	-	1		
Upshur	559	466	21	71	171	152	19	-	19	-	-	19		
Upton	122	115	7	-	17	14	3	-	3	-	-	3		
Uvalde	565	242	255	56	139	102	37	-	35	-	-	35		
Val Verde	642	230	380	46	193	132	61	-	61	-	-	61		
Del Rio	637	230	357	44	185	124	61	-	61	-	-	61		
Balance of county	5	-	3	2	8	8	-	-	-	-	-	-		
Van Zandt	440	240	182	16	186	173	13	-	13	-	-	13		
Victoria	945	649	142	142	289	159	130	-	130	-	-	130		
Victoria	849	648	96	101	218	88	130	-	130	-	-	130		
Balance of county	96	1	46	41	71	71	-	-	-	-	-	-		
Walker	474	408	8	53	170	113	57	37	20	37	20	-		
Waller	154	47	36	69	86	74	12	-	12	12	-	-		
Ward	428	356	68	2	78	56	42	-	42	-	1	41		
Washington	556	355	74	126	243	193	50	-	50	-	-	19		
Webb	1,989	940	422	596	473	318	155	-	152	-	1	144		
Laredo	1,957	940	410	579	462	307	155	-	152	-	1	144		
Balance of county	32	-	12	17	11	11	-	-	-	-	-	-		
Wharton	1,212	963	151	76	373	206	167	-	167	-	76	1		
Wheeler	315	306	9	-	98	42	56	-	56	-	-	56		
Wichita	2,356	2,294	34	4	788	258	530	219	305	214	176	1		
Wichita Falls	2,188	2,150	30	4	477	187	290	1	285	1	171	1		
Balance of county	148	144	4	-	311	71	240	218	20	213	5	1		
Wilbarger	614	603	7	2	136	79	57	-	57	-	-	27		
Willacy	772	207	94	442	155	129	26	-	24	-	-	24		
Williamson	1,035	776	198	55	334	228	106	2	104	-	-	2		
Wilson	404	217	141	35	142	125	17	-	16	-	1	15		
Winkler	247	246	1	-	51	23	28	-	28	-	-	28		
Wise	345	324	20	-	118	88	30	-	30	-	-	30		
Wood	360	190	165	5	160	144	16	-	9	-	-	9		
Yoakum	-	-	-	-	1	1	-	-	-	-	-	-		
Young	565	542	21	-	163	102	61	-	60	-	28	32		
Zapata	103	-	88	16	24	24	-	-	-	-	-	-		
Zavala	407	150	107	143	119	81	38	-	38	-	-	38		
TEXAS	21,972	21,470	477	8	5,176	2,673	2,303	151	2,280	112	121	589	1,385	214
UTAH														
Beaver	114	84	30	-	34	28	6	-	6	-	-	-	6	
Box Elder	623	-	1	-	112	70	42	-	42	-	-	18	24	
Cache	1,204	1,177	26	-	228	152	76	-	69	-	-	2	87	
Logan	1,163	1,156	4	-	142	88	74	-	69	-	-	2	87	
Balance of county	41	19	22	-	86	84	2	-	2	-	-	-	-	
Carbon	885	880	5	-	194	95	99	1	98	20	72	5	2	
Daggett	-	-	-	-	-	-	-	-	-	-	-	-	-	
Davis	24	3	20	-	107	105	2	-	2	2	-	-	-	
Duchesne	256	250	6	-	47	29	18	-	18	-	-	18	-	
Emery	29	4	23	1	31	31	-	-	-	-	-	-	-	
Garfield	189	176	6	1	79	69	11	-	7	-	-	5	2	
Grand	95	94	1	-	20	8	12	-	12	-	12	-	-	
Iron	444	442	2	-	77	42	35	-	35	-	35	-	-	
Juab	4	4	-	-	37	37	1	-	1	-	-	-	-	
Kane	92	92	-	-	22	14	8	-	-	-	-	-	-	
Millard	274	196	77	-	57	51	6	-	6	-	1	-	5	
Morgan	-	-	-	-	16	16	-	-	-	-	-	-	-	

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS							
	Total ¹	Attended by—			Total ²	Not in institution	In institution					
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control		
						Resi- dent	Nonresi- dent	Federal	State	County, city, county	Non- profit	Pro- prietary
UTAH—Continued												
Pinte	6	-	6	-	13	13	-	-	-	-	-	-
Rich	1	-	1	-	4	4	-	-	-	-	-	-
Salt Lake	9,130	9,034	90	2	2,237	904	1,333	3	1,287	82	5	314
Salt Lake City	8,034	7,985	45	2	1,967	677	1,290	3	1,249	82	5	314
Balance of county	1,096	1,049	45	-	270	227	43	-	38	-	-	12
San Juan	66	48	16	-	16	15	1	-	-	-	-	-
Sempele	351	294	57	-	108	106	2	-	-	-	-	-
Sevier	521	513	8	-	116	76	40	-	40	-	-	13
Summit	252	244	8	-	75	43	32	-	31	-	12	19
Tooele	418	410	7	-	86	66	20	-	11	5	-	6
Uintah	357	348	9	-	65	39	26	-	26	3	-	23
Utah	2,670	2,628	41	-	598	306	292	109	178	-	91	105
Provo	1,276	1,266	10	-	255	98	157	78	76	-	77	2
Balance of county	1,394	1,362	31	-	343	208	135	31	102	-	14	103
Wasatch	228	227	1	-	45	33	12	-	12	-	-	33
Washington	320	299	19	-	77	51	26	-	4	21	-	51
Wayne	5	-	1	4	6	6	-	-	-	-	-	-
Weber	3,414	3,402	12	-	668	265	403	14	389	-	25	15
Ogden	3,414	3,402	12	-	589	199	390	1	389	-	26	2
Balance of county	-	-	-	-	79	66	13	-	13	-	-	13
VERMONT	8,320	8,372	944	1	4,354	2,497	1,857	225	1,574	73	169	10
Addison	382	312	70	-	162	119	43	-	43	-	-	43
Bennington	563	498	65	-	289	154	135	1	120	-	1	-
Caledonia	888	593	95	-	315	194	121	3	118	-	-	1
Chittenden	2,030	1,986	43	-	638	252	386	4	378	-	-	1
Burlington	1,698	1,687	11	-	459	132	327	4	319	-	-	1
Balance of county	332	299	32	-	179	120	59	-	59	-	-	59
Essex	69	31	37	1	64	64	-	-	-	-	-	-
Franklin	761	550	211	-	303	204	99	9	87	-	7	84
Grand Isle	15	-	15	-	39	39	-	-	-	-	-	-
Lamoille	270	250	20	-	132	98	34	-	34	-	-	34
Orange	242	220	22	-	199	130	69	-	68	-	-	68
Orleans	625	502	123	-	230	169	61	4	46	-	1	3
Rutland	1,082	991	91	-	592	352	240	3	227	-	20	157
Rutland	837	829	8	-	309	126	183	1	178	-	-	157
Balance of county	245	162	83	-	283	226	57	2	48	-	20	-
Washington	1,070	1,050	20	-	558	236	323	118	205	-	148	63
Barre	608	604	4	-	178	80	98	-	98	-	1	-
Balance of county	462	446	16	-	381	156	225	118	107	-	147	63
Windham	837	787	49	-	420	212	208	80	117	-	-	101
Windsor	691	604	87	-	412	274	138	3	131	73	-	3
VIRGINIA ¹²	82,141	54,573	16,964	10,262	22,996	17,860	11,136	1,508	9,311	808	2,317	851
Accomack	407	51	146	207	348	342	6	3	1	1	-	-
Albemarle	1,769	1,712	31	26	604	181	423	-	413	-	412	3
Alleghany	490	249	219	17	140	113	27	-	-	-	-	-
Amelia	171	-	77	94	87	87	-	-	-	-	-	-
Amherst	163	1	107	50	183	124	59	59	-	59	-	-
Appomattox	81	-	50	29	68	68	-	-	-	-	-	-
Arlington ¹³	1,337	1,296	34	5	448	297	151	-	150	3	-	147
Augusta	724	433	275	16	343	262	81	38	42	29	10	41
Beth	136	103	19	13	57	48	8	-	8	-	-	8
Bedford	510	260	195	54	275	183	92	36	54	-	4	32
Bland	85	-	83	-	54	34	-	-	-	-	-	-
Botetourt	172	2	160	10	102	90	12	-	-	-	-	-
Brunswick	405	-	139	265	152	152	-	-	-	-	-	-
Buchanan	1,143	103	786	235	198	166	32	-	32	-	-	32
Buckingham	229	1	72	156	93	93	-	-	-	-	-	-
Campbell	371	182	158	82	144	134	10	-	4	-	-	4
Carroll	243	-	182	80	128	128	-	-	-	-	-	-
Charles City	476	1	441	33	143	141	2	1	-	-	1	-
Charles County	123	-	20	101	43	43	-	-	-	-	-	-
Charlotte	236	-	97	137	81	81	-	-	-	-	-	-
Chesterfield	169	-	59	128	396	190	206	-	184	184	-	-
Clarke	67	-	66	1	56	56	-	-	-	-	-	-
Craig	52	-	50	2	22	22	-	-	-	-	-	-
Culpeper	169	-	147	22	96	96	-	-	-	-	-	-
Cumberland	125	-	25	99	78	78	-	-	-	-	-	-
Dickenson	687	229	364	84	136	114	22	-	22	-	-	22
Dinwiddie	274	2	74	198	471	100	371	371	-	371	-	-
Elizabeth City	355	252	23	60	384	156	228	-	228	228	-	-
Essex	110	-	64	46	63	63	-	-	-	-	-	-
Fairfax	405	225	129	50	295	249	46	4	31	19	3	13
Fauquier	547	372	107	64	199	153	45	-	44	-	-	44
Floyd	121	1	95	20	71	71	-	-	-	-	-	-
Fluvanna	95	-	62	33	62	55	7	-	-	-	-	-
Franklin	489	138	284	91	146	140	6	-	6	-	-	1
Frederick	33	-	24	9	90	90	8	-	5	-	-	5
Giles	549	302	231	12	150	105	45	-	45	-	-	45
Gloucester	96	-	84	12	83	83	-	-	-	-	-	-
Goochland	150	4	46	100	78	68	10	10	-	10	-	-
Grayson	481	136	307	15	209	167	42	-	19	-	-	19
Greene	34	-	31	3	45	45	-	-	-	-	-	-
Greensville	593	56	178	158	108	108	-	-	-	-	-	-
Halifax	1,123	423	395	300	334	262	72	-	71	-	-	71
Hanover	228	-	153	75	141	141	-	-	-	-	-	-
Henrico	175	44	89	69	219	203	16	-	12	1	-	11

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS								
	Total ¹	Attended by—					Total	Total	In institution		Type of control				
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary
VIRGINIA¹²—Continued															
Henry	472	-	352	115	139	139	-	-	-	-	-	-	-	-	-
Highland	74	-	71	3	34	34	-	-	-	-	-	-	-	-	-
Isla of Wight	226	-	51	174	124	124	-	-	-	-	-	-	-	-	-
James City	62	-	4	58	32	32	-	-	-	-	-	-	-	-	-
King and Queen	118	-	71	47	46	46	-	-	-	-	-	-	-	-	-
King George	68	2	44	21	35	35	-	-	-	-	-	-	-	-	-
King William	103	-	73	30	76	76	-	-	-	-	-	-	-	-	-
Leicester	154	-	138	16	88	88	-	-	-	-	-	-	-	-	-
Lee	1,055	166	723	134	251	211	40	-	40	-	-	-	-	-	40
Loudoun	462	300	151	9	205	169	36	-	28	-	-	-	28	-	8
Louisa	241	157	23	60	116	108	8	-	8	-	-	-	-	-	-
Lucomburg	220	1	122	96	122	122	-	-	-	-	-	-	-	-	-
Madison	36	-	34	2	65	65	-	-	-	-	-	-	-	-	-
Mathews	43	-	43	-	85	85	-	-	-	-	-	-	-	-	-
Mecklenburg	696	44	243	408	244	244	-	-	-	-	-	-	-	-	-
Middlesex	58	-	14	44	54	52	2	-	2	-	-	-	-	-	2
Montgomery	639	537	85	15	228	156	72	-	72	-	-	-	-	-	72
Nampanomond	422	-	107	312	188	188	-	-	-	-	-	-	-	-	-
Nelson	126	-	41	81	114	114	-	-	-	-	-	-	-	-	-
New Kent	39	-	15	24	36	36	-	-	-	-	-	-	-	-	-
Northfolk	2,749	2,139	183	428	542	325	217	-	203	76	-	-	-	127	-
Northampton	772	474	49	249	294	179	105	-	105	-	-	-	-	-	105
Northumberland	133	-	88	45	78	78	-	-	-	-	-	-	-	-	-
Nottoaway	243	7	34	142	154	131	53	-	52	-	52	-	-	-	7
Orange	115	57	41	17	105	93	7	-	7	-	-	-	-	-	-
Page	408	195	188	19	127	104	23	2	21	-	-	-	2	21	12
Patrick	480	174	253	43	106	94	12	-	12	-	-	-	-	-	-
Pittsylvania	831	22	392	416	354	331	23	19	4	-	-	-	19	4	-
Powhatan	70	-	18	51	47	47	-	-	-	-	-	-	-	-	-
Prince Edward	747	590	41	115	213	117	96	-	96	-	-	-	-	-	96
Prince George	326	187	24	113	83	72	11	1	10	10	1	-	-	-	-
Prince William	463	310	113	38	126	111	15	2	13	13	-	-	2	-	-
Princess Anne	276	1	92	180	368	171	197	-	195	1	-	-	61	131	-
Pulaski	742	611	75	51	199	130	69	1	67	-	-	-	-	-	67
Reppshannock	70	-	66	4	48	48	-	-	-	-	-	-	-	-	-
Richmond	121	37	102	31	37	37	-	-	-	-	-	-	-	-	-
Roanoke	627	422	164	21	407	201	206	144	62	144	36	26	26	46	-
Rockbridge	219	2	213	3	203	184	19	1	1	-	-	-	1	-	-
Rockingham	763	252	440	60	173	128	45	1	44	-	-	-	1	23	21
Russell	302	1	149	127	180	160	-	-	-	-	-	-	-	-	-
Scott	477	363	79	15	224	181	43	-	42	-	-	-	-	-	42
Shenandoah	961	492	449	33	317	162	185	67	86	-	67	-	-	18	68
Southampton	774	248	101	421	253	192	61	-	61	-	-	-	4	57	-
Spottsylvania	91	-	35	57	79	79	-	-	-	-	-	-	-	-	-
Stafford	61	-	28	30	72	72	-	-	-	-	-	-	-	-	-
Surry	120	-	10	109	59	59	-	-	-	-	-	-	-	-	-
Sussex	264	-	44	219	98	98	-	-	-	-	-	-	-	-	-
Tazewell	1,531	675	890	12	379	221	158	-	154	-	-	-	-	-	154
Warren	469	406	47	16	105	69	36	-	36	-	-	-	32	-	4
Warwick	201	26	41	134	102	95	7	-	7	7	-	-	-	-	-
Washington	946	258	505	73	320	234	86	2	84	-	-	-	2	84	-
Westmoreland	196	1	123	71	92	92	-	-	-	-	-	-	-	-	-
Wise	1,842	708	1,042	68	456	331	125	3	121	-	-	-	4	1	119
Wythe	659	325	331	3	195	148	47	-	26	-	-	-	-	14	12
York	61	1	6	54	57	57	-	-	-	-	-	-	-	-	-
Independent Cities¹⁴															
Alexandria	2,130	2,073	20	37	407	178	229	-	229	-	-	-	-	183	46
Bristol ¹⁵	1,228	1,154	72	1	232	88	144	-	138	-	-	-	-	119	19
Buena Vista	70	-	56	11	46	46	-	-	-	-	-	-	-	-	-
Charlottesville	515	492	19	3	177	128	49	-	48	-	-	-	-	47	1
Clifton Forge	394	371	23	-	149	37	112	-	109	-	-	-	-	109	-
Danville	1,991	1,824	22	145	559	222	337	-	337	-	-	82	-	211	44
Fredericksburg	816	777	12	27	174	74	100	-	100	-	-	-	-	100	-
Hampton	781	763	3	15	204	69	135	-	135	-	-	-	-	135	-
Harrisonburg	1,232	1,225	7	-	254	53	201	-	201	-	-	-	-	201	-
Hopewell	335	289	25	21	82	55	27	-	25	-	-	-	-	25	-
Lynchburg	2,412	2,364	43	5	622	274	348	7	338	-	-	255	-	88	2
Martinsville	655	711	133	10	169	66	103	-	76	-	-	-	-	54	22
Newport News	2,930	2,930	21	97	593	226	373	-	371	-	-	-	-	224	147
Northfolk	6,683	5,610	615	455	1,995	972	1,123	1	1,113	120	-	-	200	365	429
Petersburg	1,266	845	47	363	502	304	198	14	182	-	-	-	12	183	1
Portsmouth	1,576	940	126	505	577	317	260	-	253	1	-	-	-	252	-
Radford	663	661	2	-	119	42	77	-	77	-	-	-	-	77	-
Richmond	8,856	8,489	293	71	3,039	1,352	1,687	179	1,463	-	764	185	-	147	566
Roanoke	3,787	3,690	93	1	951	383	568	15	543	-	-	-	11	183	364
South Norfolk	72	-	33	39	52	52	-	-	-	-	-	-	-	-	-
Stanton	687	650	30	3	485	105	380	299	79	-	288	1	-	80	9
Stafford	641	537	48	56	252	93	159	-	159	-	-	-	-	151	8
Williamsburg	234	225	-	9	251	18	243	228	14	-	228	-	-	-	14
Winchester	1,223	1,214	4	4	329	93	236	-	229	-	-	1	-	-	228
WASHINGTON															
	59,429	58,696	668	15	22,000	8,799	13,201	1,257	11,335	637	879	2,670	5,980	2,423	
Adams	119	117	2	-	49	28	21	-	21	-	-	-	-	-	21
Anotin	87	81	6	-	81	52	29	-	-	-	-	-	-	-	-
Benton	566	559	7	-	103	74	29	1	26	-	-	-	-	26	-

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1941—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
WASHINGTON—Continued														
Chelan	1,372	1,333	39	-	364	147	217	-	193	-	35	157	1	
Wenatchee	1,198	1,193	2	-	194	37	157	-	156	-	-	156	-	
Balance of county	177	140	37	-	170	110	60	-	37	-	35	1	1	
Clallam	647	620	24	1	249	105	144	9	123	-	3	50	79	
Clark	2,294	2,281	11	-	736	264	482	6	455	80	103	275	3	
Vancouver	2,168	2,168	-	-	532	85	447	5	442	80	103	262	2	
Balance of county	126	113	11	-	204	169	35	1	13	-	-	13	1	
Columbia	127	127	-	-	53	26	27	1	26	-	1	-	26	
Cowlitz	1,606	1,602	4	-	395	180	215	-	215	-	-	-	215	
Longview	1,560	1,559	1	-	264	51	213	-	213	-	-	-	213	
Balance of county	46	45	3	-	131	129	2	-	2	-	-	-	2	
Douglas	4	-	3	-	40	34	6	-	4	-	-	-	4	
Ferry	41	39	2	-	23	17	6	-	6	-	6	-	-	
Franklin	595	593	1	-	102	34	68	-	68	-	-	68	-	
Garfield	12	1	11	-	16	16	-	-	-	-	-	-	-	
Grant	235	249	6	-	101	58	45	-	24	-	-	24	-	
Grays Harbor	1,412	1,400	9	2	600	240	360	19	319	-	18	264	56	
Aberdeen	1,262	1,262	1	-	377	87	290	-	279	-	1	264	14	
Hoquiam	1	1	-	-	69	47	22	16	-	-	-	-	16	
Balance of county	148	137	8	2	154	106	48	3	40	5	17	-	26	
Island	279	276	3	-	102	73	29	8	10	-	-	-	13	
Jefferson	220	217	3	-	98	45	53	1	52	-	-	-	53	
King	16,915	16,804	98	3	6,869	2,627	4,042	122	3,843	179	-	1,366	1,939	480
Seattle	16,281	16,242	32	-	5,584	1,965	3,569	88	3,446	165	-	1,334	1,754	281
Balance of county	2,634	2,562	66	3	1,315	842	473	34	397	14	-	32	185	199
Kitsap	2,335	2,319	11	-	556	225	331	38	290	48	40	108	130	2
Bremerton	2,288	2,288	-	-	355	70	285	-	282	48	-	108	126	-
Balance of county	50	35	11	-	201	155	46	38	8	-	40	-	4	2
Kititas	586	580	6	-	190	76	114	-	114	-	-	36	36	42
Klickitat	198	198	1	-	87	50	37	-	37	-	-	-	37	-
Lewis	1,076	1,064	12	-	459	198	261	39	190	-	1	85	91	15
Lincoln	90	64	26	-	78	65	14	-	15	-	-	-	15	-
Mason	349	345	3	-	111	55	56	-	56	-	-	-	56	-
Okanogan	915	887	28	-	209	91	118	2	114	4	-	2	80	30
Pacific	292	262	30	-	140	73	67	-	67	-	-	-	1	38
Pend Oreille	215	207	8	-	71	33	38	-	39	-	-	-	1	38
Pierce	6,480	6,433	35	-	2,747	880	1,867	434	1,524	233	352	404	348	421
Tacoma	5,414	5,397	9	-	1,766	541	1,225	10	1,135	62	-	363	358	382
Balance of county	1,066	1,036	26	-	981	339	642	424	189	171	352	41	10	59
San Juan	18	4	14	-	24	24	-	-	-	-	-	-	-	-
Skagit	1,072	1,059	11	1	652	179	473	274	194	-	248	28	89	103
Skewania	1	1	-	-	32	17	15	-	14	-	-	-	-	14
Snohomish	2,362	2,297	60	1	1,056	500	559	4	532	-	1	119	210	206
Everett	1,855	1,847	5	-	534	165	371	2	364	-	-	1	185	180
Balance of county	507	450	55	1	524	337	187	2	169	-	1	118	25	26
Spokane	5,966	5,937	25	-	2,627	856	1,771	253	1,425	26	226	89	1,219	166
Spokane	5,811	5,798	10	-	2,067	643	1,424	15	1,351	-	-	7	1,183	156
Balance of county	155	139	15	-	560	213	347	238	92	26	226	32	56	10
Stevens	401	397	3	1	106	76	112	1	111	-	-	32	80	-
Thurston	992	953	37	1	342	175	167	-	161	-	-	-	161	-
Olympia	964	951	12	1	249	85	166	-	161	-	-	-	161	-
Balance of county	28	2	25	-	93	92	1	-	-	-	-	-	-	-
Wahkiakum	-	-	-	-	21	20	1	-	-	-	-	-	-	-
Walla Walla	1,232	1,228	3	1	434	122	312	19	287	62	6	12	73	153
Walla Walla	1,229	1,228	1	-	362	82	300	12	283	62	6	1	73	153
Balance of county	3	-	2	-	52	40	12	7	4	-	-	11	40	-
Whatcom	1,741	1,731	9	1	705	286	419	15	380	-	-	123	232	40
Bellingham	1,680	1,680	-	-	428	133	295	15	257	-	-	-	232	40
Balance of county	51	41	9	1	277	153	124	-	123	-	-	123	-	-
Whitman	654	619	14	-	228	106	122	-	119	-	4	11	57	47
Yakima	3,923	3,814	101	4	1,059	484	575	11	484	-	-	139	314	42
Yakima	2,678	2,676	2	-	493	172	321	-	307	-	-	1	283	23
Balance of county	1,245	1,138	99	4	566	312	254	11	177	-	-	138	31	19
WEST VIRGINIA														
Barbour	555	242	309	2	177	117	60	4	55	-	-	-	-	59
Berkeley	962	962	22	2	424	167	257	-	256	77	-	1	178	-
Martinsburg	969	962	6	-	273	93	180	-	179	-	-	1	178	-
Balance of county	18	-	16	2	151	74	77	-	77	77	-	-	-	-
Boone	893	439	443	8	184	159	25	-	25	-	-	-	-	25
Braxton	613	398	180	31	144	118	26	-	20	-	-	-	-	20
Brooke	53	-	53	-	152	142	10	10	-	-	-	-	-	10
Cabell	3,605	3,461	218	5	1,295	562	733	106	619	-	101	5	583	36
Huntington (part)	3,353	3,292	59	1	1,158	440	718	98	616	-	-	97	1	583
Huntington (total)	3,355	3,292	61	1	1,278	459	819	98	717	101	97	1	583	33
Balance of county	532	169	159	4	137	122	15	9	3	-	4	4	-	3
Calhoun	227	1	208	15	54	54	-	-	-	-	-	-	-	-
Clay	326	-	265	52	96	96	-	-	-	-	-	-	-	-
Podridge	171	36	132	2	71	69	2	-	2	-	-	-	-	2
Fayette	2,375	622	1,691	59	607	425	182	15	166	-	14	1	1	165
Gilmer	154	1	149	2	57	57	-	-	-	-	-	-	-	-
Grant	270	202	21	44	59	53	6	-	6	-	-	-	-	6
Greenbrier	1,014	297	697	18	304	218	86	-	77	-	-	-	-	77
Hampshire	205	-	199	6	111	111	-	-	-	-	-	-	-	-
Hancock	212	108	104	6	153	139	14	-	10	-	-	-	10	-
Hardy	148	-	142	6	61	61	-	-	-	-	-	-	-	-
Harrison	2,420	1,840	572	7	780	516	264	3	259	-	-	3	57	202
Clarksburg	1,921	1,839	81	1	469	208	260	-	259	-	-	-	57	202
Balance of county	499	1	481	6	312	308	4	3	-	-	-	3	-	-

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS							
	Total ¹	Attended by—					Total	In institution		Type of control				
		Physician in hospital	Physician not in hospital	Midwife				Total	Resident	Nonresident	Federal	State	County, city, city-county	Non-profit	Proprietary
WEST VIRGINIA—Continued														
Jackson	274	77	185	9	125	116	7	-	7	-	-	-	-	7
Jefferson	280	199	61	14	234	217	17	-	17	-	-	-	-	17
Kanawha	7,411	6,018	1,320	65	1,763	1,022	741	5	655	-	-	-	8	181
Charleston	5,160	5,017	141	2	1,051	409	642	1	629	-	-	-	3	448
South Charleston	927	909	19	-	131	42	89	-	63	-	-	-	1	51
Balance of county	1,524	93	1,160	63	581	571	10	4	3	-	-	-	4	2
Levis	537	425	107	2	439	161	277	222	55	-	222	-	-	55
Lincoln	511	96	361	48	115	110	3	-	2	-	-	-	-	2
Logan	2,418	638	1,719	54	577	391	166	-	163	-	-	-	1	162
McDowell	2,932	663	2,204	51	712	442	270	-	270	-	44	-	-	1
Marion	1,846	1,378	467	-	640	454	186	4	180	-	41	143	-	225
Fairmont	338	272	66	-	228	187	41	-	41	-	41	-	-	-
Balance of county	1,508	1,106	401	-	412	267	145	4	139	-	-	143	-	-
Marshall	683	586	96	1	314	193	121	14	107	-	2	12	107	-
Moundsville	7	6	-	-	7	70	2	2	-	-	2	-	-	-
Balance of county	676	580	90	1	242	123	119	12	107	-	-	12	107	-
Mason	518	183	321	11	231	206	25	18	6	-	18	-	-	6
Mercer	2,561	1,704	839	15	720	415	307	4	302	-	-	4	3	299
Bluefield ³	1,328	1,212	116	1	389	142	247	-	247	-	-	-	-	247
Balance of county	1,232	492	723	14	331	271	60	4	55	-	-	4	3	52
Mineral	659	451	186	21	233	160	73	-	73	-	-	-	-	73
Mingo	1,652	614	941	92	343	200	143	-	141	-	-	-	-	141
Monongalia	1,729	1,502	195	9	512	321	191	8	182	-	-	-	97	83
Morgantown	830	817	13	-	223	129	94	-	93	-	-	-	-	93
Balance of county	899	685	182	9	289	192	97	8	89	-	-	97	-	-
Monroe	223	1	218	2	109	74	35	23	-	-	23	-	-	-
Morgan	162	61	86	10	74	71	3	-	3	-	-	-	3	-
Nicholas	806	429	353	22	153	124	29	-	29	-	-	-	-	22
Ohio	3,120	3,089	30	-	1,127	385	742	25	707	-	-	34	698	7
Wheeling	3,110	3,089	20	-	1,047	337	710	2	699	-	-	-	3	698
Balance of county	10	-	10	-	80	48	32	23	8	-	-	31	-	-
Pendleton	166	2	160	2	64	63	1	-	-	-	-	-	-	-
Pleasants	73	-	73	-	51	51	-	-	-	-	-	-	-	-
Pocahontas	249	137	111	-	118	61	57	-	57	-	44	13	-	-
Preston	488	110	312	54	263	200	63	1	62	-	53	1	-	9
Putnam	303	1	271	19	125	125	-	-	-	-	-	-	-	-
Raleigh	2,534	1,022	1,748	57	700	402	298	-	297	-	70	-	-	227
Beckley	1,138	1,018	116	4	333	105	228	-	227	-	-	-	-	227
Balance of county	1,696	4	1,633	53	367	297	70	-	70	-	70	-	-	-
Randolph	937	603	305	19	278	170	108	7	98	-	2	-	99	4
Ritchie	202	69	128	3	105	92	11	-	10	-	-	-	-	10
Roane	469	199	214	52	201	108	95	64	31	-	64	-	-	31
Summers	525	180	334	6	169	126	47	-	47	-	-	-	-	46
Taylor	482	285	188	12	214	133	81	1	78	-	-	79	-	1
Tucker	237	121	85	28	116	95	21	-	15	-	-	-	-	15
Tyler	217	92	122	-	84	70	14	-	14	-	-	-	-	12
Upshur	694	487	184	8	171	123	48	-	48	-	-	-	-	20
Wayne	649	196	405	30	315	197	118	-	124	113	-	-	-	11
Huntington (part)	2	-	2	-	120	19	101	-	101	101	-	-	-	-
Balance of county	647	196	403	30	195	168	25	-	23	-	-	-	-	11
Webster	314	-	288	33	76	78	-	-	-	-	-	-	-	-
Wetzel	635	390	258	3	187	131	56	2	54	-	-	-	7	49
Wirt	48	-	36	6	32	29	3	-	3	-	-	-	3	-
Wood	2,555	2,210	133	8	809	394	415	5	399	-	-	223	181	-
Parkersburg	2,262	2,210	51	1	622	218	404	2	398	-	-	222	178	-
Balance of county	93	-	82	7	187	176	11	3	1	-	-	-	3	-
Wyoming	954	29	875	48	160	157	3	-	3	-	-	-	-	3
WISCONSIN														
Adams	104	79	20	-	52	33	19	-	19	-	-	-	-	19
Ashland	735	693	33	-	264	116	148	3	134	-	1	3	-	185
Ashland	700	693	7	-	210	62	148	3	134	-	1	3	-	185
Balance of county	35	-	26	-	54	54	-	-	-	-	-	-	-	-
Barron	1,015	963	28	-	364	194	170	4	165	-	-	-	130	39
Bayfield	57	51	4	2	80	62	18	-	18	-	-	6	-	12
Brown	3,128	3,060	63	1	985	372	614	47	566	-	-	48	563	-
Green Bay	3,071	3,059	10	-	783	222	561	6	554	-	-	1	539	-
Balance of county	57	1	53	1	203	150	53	41	12	-	-	47	6	-
Buffalo	179	171	8	-	110	71	39	-	39	-	-	-	-	39
Burnett	175	138	37	-	120	66	54	-	48	-	-	-	-	48
Calumet	33	-	32	-	110	110	-	-	-	-	-	-	-	-
Chippewa	1,373	1,260	108	1	382	174	208	58	143	-	27	25	129	20
Chippewa Falls	907	905	2	-	179	44	135	6	129	-	-	-	129	6
Balance of county	466	355	106	1	203	130	73	52	14	-	27	25	-	14
Clark	382	200	177	2	242	196	46	26	18	-	-	26	-	18
Columbia	916	870	45	-	429	199	230	27	203	-	-	24	194	12
Crawford	459	398	61	-	157	87	70	-	68	-	-	-	68	-
Dane	4,395	4,352	43	-	1,759	671	1,088	163	904	9	465	37	546	10
Madison	4,044	4,037	7	-	1,157	309	848	7	834	-	336	1	497	7
Balance of county	351	315	36	-	602	362	240	156	70	9	129	56	49	3
Dodge	1,105	1,049	55	-	499	289	210	39	163	-	-	27	77	86
Beaver Dam	900	899	1	-	196	50	146	-	146	-	-	-	77	69
Watertown (part)	1	-	-	-	22	22	-	-	-	-	-	-	-	-
Balance of county	204	150	53	-	281	217	64	39	17	-	12	27	-	17
Dorr	489	423	66	-	185	101	94	-	93	-	-	-	86	7
Douglas	1,197	1,180	14	-	570	179	395	29	364	-	-	61	114	218
Superior	1,185	1,180	4	-	468	135	333	-	332	-	-	-	114	218
Balance of county	12	-	10	-	102	40	62	29	32	-	-	61	-	-
Dunn	482	415	64	-	219	153	66	13	48	-	1	58	-	1

See footnotes on p. 109.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				Total ²	Not in institution	DEATHS							
	Total ¹	Attended by—					Total	Total	Type of institution		Type of control			
		Physician in hospital	Physician not in hospital	Midwife					Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary
WISCONSIN—Continued														
Eau Claire	1,828	1,828	10	-	590	168	422	23	399	-	-	50	158	214
Eau Claire	1,830	1,827	1	-	498	99	399	-	399	-	-	-	158	214
Balance of county	13	1	9	-	92	69	23	23	-	-	-	27	-	-
Florence	4	-	4	-	24	24	-	-	-	-	-	-	-	-
Fond du Lac	1,940	1,866	72	2	778	377	401	39	362	-	-	55	341	5
Fond du Lac	1,607	1,606	1	-	504	161	343	15	328	-	-	-	338	5
Balance of county	333	260	71	2	274	216	58	24	34	-	-	55	3	-
Forest	254	194	59	-	84	69	15	-	15	-	-	-	-	15
Grant	1,043	961	160	-	390	261	129	24	99	1	1	15	7	100
Green	749	738	11	-	318	148	170	20	130	-	-	28	129	1
Green Lake	336	316	20	-	122	98	64	1	63	-	-	-	64	-
Iowa	561	560	21	-	253	115	138	11	127	-	-	10	127	1
Iron	16	-	17	-	49	48	1	1	-	-	-	-	-	-
Jackson	358	341	17	-	145	98	47	2	45	-	-	2	-	45
Jefferson	1,065	1,035	27	-	484	267	217	56	159	-	-	54	145	16
Watertown (part)	729	726	3	-	200	66	134	13	119	-	-	-	119	13
Watertown (total)	730	726	4	-	222	98	134	13	119	-	-	-	119	13
Balance of county	336	309	24	-	284	201	63	43	40	-	-	54	26	3
Juneau	347	244	97	-	205	142	63	8	54	-	1	8	-	53
Kenosha	1,689	1,679	9	-	626	269	357	11	345	-	-	18	328	10
Kenosha	1,679	1,678	1	-	528	190	338	5	333	-	-	6	327	5
Balance of county	10	1	8	-	98	79	19	-	12	-	-	12	1	6
Kewaunee	406	324	82	-	130	116	14	-	14	-	-	-	9	6
La Crosse	2,396	2,371	25	-	812	555	557	48	509	-	-	49	334	174
La Crosse	2,378	2,371	7	-	686	178	508	6	502	-	-	-	334	174
Balance of county	18	-	18	-	126	79	49	2	7	-	-	49	-	-
Lafayette	41	15	26	-	101	95	8	-	8	-	-	1	-	7
Langlade	648	628	18	-	231	139	92	22	92	-	-	-	92	-
Lincoln	694	662	8	-	237	87	170	22	146	-	1	22	53	92
Manitowoc	1,549	1,507	41	-	580	293	287	27	270	-	-	100	196	1
Manitowoc	1,150	1,134	15	-	324	116	208	22	186	-	-	16	191	1
Two Rivers	377	373	4	-	105	29	76	-	76	-	-	7	8	-
Balance of county	22	-	22	-	151	138	13	5	8	-	-	5	5	-
Marathon	1,877	1,722	149	-	584	278	306	36	270	-	-	51	258	-
Wausau	1,724	1,722	2	-	366	95	291	56	285	-	-	56	255	-
Balance of county	153	-	147	-	198	133	15	-	15	-	-	15	-	-
Marinette	710	661	45	-	393	176	217	20	158	-	-	178	-	-
Marinette	652	648	4	-	223	68	155	-	155	-	-	155	-	-
Balance of county	58	13	41	-	170	108	62	20	3	-	-	23	-	-
Marquette	26	-	24	-	77	71	6	6	6	-	-	-	-	6
Milwaukee	20,699	20,215	445	12	8,390	3,229	5,161	421	4,631	345	1	2,259	1,823	626
Milwaukee	19,615	19,244	341	9	5,885	2,477	3,408	127	3,219	340	1	654	1,780	571
Wauwatosa	217	209	7	-	155	134	21	15	6	-	-	-	10	11
West Allis	16	-	14	-	124	119	5	2	-	-	-	-	2	-
Cudahy	7	-	7	-	44	43	1	-	-	-	-	-	-	-
Shorewood	-	-	-	-	69	60	9	-	9	-	-	-	-	9
South Milwaukee	363	356	7	-	91	69	22	-	22	-	-	-	-	22
Balance of county	481	406	69	3	2,022	327	1,695	277	1,375	3	-	1,605	31	13
Monroe	741	668	79	-	311	179	132	17	114	23	-	16	1	91
Oconto	524	466	56	-	224	158	66	3	63	-	-	66	-	-
Oneida	572	555	15	-	169	61	108	-	106	-	-	-	106	-
Outagamie	2,565	2,463	95	2	701	409	292	13	276	-	-	24	265	-
Appleton	2,037	2,029	7	-	406	207	199	1	195	-	-	4	192	-
Balance of county	528	434	68	2	295	202	93	12	81	-	-	20	73	-
Ozaukee	521	511	10	-	187	116	71	-	71	-	-	-	71	-
Pepin	180	178	2	-	65	34	31	-	30	-	-	-	-	30
Pierce	479	451	44	-	195	123	72	1	70	-	-	28	-	43
Polk	808	758	44	1	273	183	90	-	85	-	-	27	16	42
Portage	873	818	49	-	309	145	164	2	161	-	-	2	7	154
Stevens Point	830	818	11	-	205	47	158	2	155	-	-	2	1	154
Balance of county	43	-	38	-	104	98	6	-	6	-	-	-	6	-
Price	429	388	40	-	149	115	34	-	30	-	-	-	-	30
Racine	2,752	2,737	15	-	1,061	492	569	90	479	-	36	88	240	205
Racine	2,335	2,332	3	-	727	322	405	14	391	-	-	1	199	205
Balance of county	417	405	12	-	334	170	164	76	68	-	36	87	41	-
Richland	726	670	55	-	167	86	81	12	69	-	-	12	69	-
Rock	2,302	2,272	29	-	905	432	473	33	428	-	-	256	203	2
Beloit	1,152	1,145	6	-	343	133	210	-	208	-	-	208	-	-
Janesville	872	867	5	-	297	123	174	-	165	-	-	1	164	-
Balance of county	278	260	18	-	265	176	89	33	55	-	-	47	39	2
Rusk	523	503	15	-	140	70	70	-	70	-	-	-	-	-
St. Croix	374	348	24	-	182	65	117	16	45	-	-	17	22	22
Sauk	924	894	28	-	336	197	139	24	110	-	-	62	-	72
Sawyer	179	86	86	17	95	69	26	-	26	20	6	-	-	-
Shawano	717	647	66	1	361	201	160	23	135	35	-	18	103	2
Sheboygan	2,066	2,042	23	-	847	339	508	38	469	-	-	43	339	125
Sheboygan	1,825	1,821	4	-	574	139	435	5	429	-	-	5	304	125
Balance of county	241	221	19	-	273	200	73	33	40	-	-	38	35	-
Taylor	409	298	109	-	154	105	49	-	49	-	-	-	-	49
Trompsdale	464	447	15	-	249	159	90	3	83	-	-	3	80	3
Vernon	591	515	75	-	225	138	87	16	70	-	-	16	-	70
Vilas	84	62	21	1	63	60	8	-	-	-	-	-	-	-
Walworth	769	733	34	-	456	285	171	28	137	-	-	161	-	4
Wauburn	268	211	54	-	97	84	13	-	-	-	-	-	-	-
Washington	766	729	37	-	337	160	157	16	157	-	-	16	79	58
Waukesha	1,391	1,333	58	-	772	457	315	94	221	19	13	201	41	31
Waukesha	1,137	1,133	4	-	292	117	175	3	172	19	1	153	2	-
Balance of county	254	200	54	-	480	340	140	81	49	-	12	48	39	31
Waupaca	642	604	36	-	402	219	183	69	111	-	48	21	-	111
Waushara	141	97	44	-	115	84	31	4	27	-	-	-	-	31

See footnotes on p. 109.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 3.—BIRTHS BY PERSON IN ATTENDANCE, AND DEATHS IN INSTITUTIONS BY TYPE OF INSTITUTION AND CONTROL: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947—Continued

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

AREA	BIRTHS				DEATHS									
	Total ¹	Attended by—			Total ²	Not in institution	In institution							
		Physician in hospital	Physician not in hospital	Midwife			Total	Type of institution		Type of control				
						Resident	Nonresident	Federal	State	County, city, county	Non-profit	Proprietary		
WISCONSIN—Continued														
Wisconsin	2,088	2,068	17	-	832	475	458	135	323	-	92	27	328	10
Oshkosh	1,514	1,510	3	-	479	239	240	27	215	-	-	-	230	10
Menasha	2	-	1	-	62	62	-	-	-	-	-	-	-	-
Neenah	755	755	-	-	160	62	98	-	98	-	-	-	98	-
Balance of county	15	2	13	-	231	110	121	109	12	-	92	27	1	-
Wood	1,958	1,875	82	1	470	231	239	16	225	-	-	16	223	-
Marshfield	1,113	1,096	17	-	227	64	165	11	152	-	-	11	152	-
Wisconsin Rapids	786	777	8	1	133	62	71	-	71	-	-	-	71	-
Balance of county	59	-	57	-	110	105	5	5	-	-	-	5	-	-
WYOMING	7,161	6,779	356	1	2,378	1,091	1,297	112	1,172	98	178	611	160	247
Albany	551	529	2	-	123	54	69	-	69	-	-	69	-	-
Laramie	530	529	1	-	99	30	69	-	69	-	-	69	-	-
Balance of county	1	-	1	-	24	24	-	-	-	-	-	-	-	-
Big Horn	316	309	7	-	102	63	39	-	39	-	5	-	-	34
Campbell	145	145	-	-	36	16	20	-	20	-	-	-	1	19
Carbon	344	325	18	-	129	64	65	3	62	-	3	60	2	-
Converse	122	119	2	-	59	22	37	-	37	-	-	36	-	1
Crook	33	27	3	-	34	26	8	8	-	-	-	-	-	8
Fremont	468	405	55	1	158	86	72	5	62	16	5	-	37	9
Goshute	289	270	19	-	85	61	24	-	24	-	-	-	24	-
Hot Springs	174	174	-	-	60	25	35	-	35	-	-	-	-	35
Johnson	94	92	2	-	48	31	17	-	17	-	-	-	-	17
Laramie	1,167	1,113	52	-	315	114	201	-	201	42	-	159	-	-
Choyunne	1,055	1,019	34	-	244	86	158	-	158	-	-	158	-	-
Balance of county	112	94	18	-	71	28	43	-	43	42	-	1	-	-
Lincoln	298	297	1	-	85	49	36	-	36	-	-	-	36	-
Natrona	788	794	3	-	259	95	164	-	156	-	-	156	-	-
Casper	797	794	3	-	235	73	162	-	156	-	-	156	-	-
Balance of county	1	-	-	-	24	22	2	-	-	-	-	-	-	-
Niobrara	145	145	-	-	46	10	36	4	32	-	-	-	-	36
Park	449	432	17	-	116	65	51	-	51	-	-	-	50	1
Platte	169	135	35	-	77	27	50	-	50	-	-	-	-	50
Sheridan	554	549	4	-	233	67	166	30	136	30	-	130	-	6
Sheridan	549	548	1	-	180	44	136	-	136	-	-	130	-	6
Balance of county	5	1	3	-	53	23	30	30	-	30	-	-	-	-
Sublette	3	-	3	-	17	17	-	-	-	-	-	-	-	-
Sweetwater	624	585	39	-	185	81	104	-	104	-	104	-	-	-
Teton	112	111	1	-	22	12	10	-	10	-	-	-	10	-
Uinta	61	8	73	-	103	41	62	62	-	-	61	1	-	7
Washakie	164	142	17	-	50	29	21	-	21	-	-	-	-	21
Weston	78	76	2	-	21	14	7	-	7	-	-	-	-	7
Yellowstone National Park (part)	12	11	1	-	15	12	3	-	3	-	-	-	-	3
Yellowstone National Park (total)	12	11	1	-	15	12	3	-	3	-	-	-	-	3

¹Births attended by other and not specified persons are not shown separately but are included in total births. For the United States in 1947, these births were 28,029.
²Deaths in institutions of unknown type and in institutions of unknown type of control are not shown separately but are included in total deaths in institution. For the United States in 1947, these deaths were 18,560 and 18,590, respectively.
³Includes a small number of births classified as attended by "other and not specified" in Georgia and Mississippi.
⁴Includes data for Texarkana, Ark., only.
⁵Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.
⁶Includes births attended by "other and not specified," which totaled 319 in 1946.
⁷Figures for District 1511, Center Hill, are included in those for Atlanta.
⁸Includes births attended by "other and not specified," which totaled 153 in 1946.
⁹Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.
¹⁰Includes data for Bristol, Tenn., only.
¹¹Includes data for Texarkana, Tex., only.
¹²Cities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of the State.
¹³Classified as urban under a special rule in the 1940 census.
¹⁴Those 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.
¹⁵Includes data for Bristol, Va., only.
¹⁶Includes 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, 1947

(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	1,445,370	131,559	118,285	139,489	125,103	118,976	115,232	112,199	114,118	105,721	116,289	118,522	131,977
Alabama	26,034	2,307	2,273	2,571	2,195	2,145	2,068	1,892	2,067	1,893	2,017	2,161	2,447
Arizona	6,514	666	550	603	583	545	529	461	450	436	492	509	653
Arkansas	14,945	1,445	1,282	1,553	1,351	1,214	1,197	1,195	1,293	1,066	1,123	1,140	1,086
California	96,977	9,341	7,856	8,372	7,688	7,790	7,443	7,755	7,525	7,451	7,864	8,442	9,440
Colorado	12,827	1,164	1,148	1,190	1,057	1,064	1,005	1,005	1,025	964	1,031	1,065	1,109
Connecticut	18,978	1,677	1,518	1,633	1,549	1,632	1,505	1,510	1,470	1,415	1,513	1,587	1,921
Delaware	3,371	345	258	304	302	260	279	262	246	245	283	285	343
District of Columbia	8,467	798	704	612	714	716	655	654	626	614	690	728	757
Florida	25,471	2,340	2,358	2,671	2,158	1,925	1,768	1,892	1,963	1,660	1,956	2,150	2,450
Georgia	29,146	2,397	2,466	2,871	2,518	2,453	2,308	2,224	2,214	2,171	2,349	2,443	2,733
Idaho	4,660	422	358	413	361	411	369	413	373	368	393	410	379
Illinois	92,393	8,254	7,449	9,756	7,870	7,643	7,121	6,939	8,149	6,404	7,319	7,469	8,040
Indiana	40,410	3,461	3,531	4,203	3,489	3,322	3,112	3,150	3,309	2,915	3,185	3,246	3,691
Iowa	26,625	2,400	2,015	2,565	2,561	2,259	2,229	2,124	2,334	1,837	2,057	2,158	2,308
Kansas	18,784	1,728	1,576	1,933	1,472	1,496	1,414	1,555	1,557	1,284	1,485	1,577	1,719
Kentucky	29,003	2,439	2,335	3,057	2,447	2,178	2,200	2,099	2,192	2,014	2,181	2,200	2,651
Louisiana	23,712	2,094	2,056	2,197	1,904	1,869	1,694	2,008	1,920	1,741	1,905	1,914	2,230
Maine	9,966	947	757	841	844	696	650	779	822	790	831	764	845
Maryland	22,985	2,097	1,956	2,219	1,990	1,997	1,714	1,739	1,753	1,641	1,843	1,921	2,124
Massachusetts	51,624	4,971	4,210	4,656	4,635	4,357	4,162	3,894	4,061	3,772	4,238	4,158	4,690
Michigan	58,847	4,967	4,412	5,427	5,055	4,757	4,707	4,395	4,614	4,155	4,664	4,676	5,022
Minnesota	28,367	2,592	2,183	2,572	2,587	2,395	2,305	2,275	2,318	2,149	2,321	2,271	2,411
Mississippi	19,850	1,810	1,704	1,913	1,629	1,613	1,698	1,601	1,528	1,557	1,504	1,630	1,775
Missouri	44,734	4,193	3,745	4,921	3,724	3,673	3,277	3,365	3,867	3,092	3,462	3,560	3,855
Montana	5,695	468	459	566	469	476	477	485	471	430	454	442	498
Nebraska	12,815	1,153	1,020	1,232	1,028	1,065	1,012	1,023	1,103	962	1,025	1,039	1,093
Nevada	1,675	178	147	141	127	125	140	156	128	132	128	119	174
New Hampshire	6,223	534	472	527	525	491	506	540	484	521	525	525	573
New Jersey	47,521	4,435	3,927	4,402	4,068	3,861	3,700	3,674	3,532	3,531	3,900	3,911	4,590
New Mexico	5,623	595	453	542	458	450	398	414	423	448	450	467	525
New York	157,525	14,313	12,807	14,233	13,850	13,341	12,655	12,115	12,002	11,448	13,205	13,062	14,494
North Carolina	30,220	2,592	2,497	3,106	2,673	2,411	2,314	2,315	2,296	2,222	2,547	2,408	2,839
North Dakota	5,147	452	390	469	462	393	425	456	400	424	447	435	564
Ohio	81,987	7,310	6,714	8,195	7,101	6,781	6,501	6,116	6,368	5,961	6,613	6,635	7,662
Oklahoma	18,794	1,740	1,563	1,923	1,663	1,467	1,513	1,480	1,470	1,367	1,417	1,600	1,691
Oregon	13,660	1,297	1,073	1,192	1,222	1,114	1,127	1,129	1,099	1,039	1,116	1,080	1,170
Pennsylvania	110,039	9,938	9,031	10,610	9,966	9,168	8,136	8,338	8,270	7,845	9,086	9,251	10,399
Rhode Island	8,324	837	670	750	744	700	640	637	612	650	691	697	696
South Carolina	17,150	1,511	1,502	1,787	1,576	1,429	1,356	1,321	1,197	1,307	1,323	1,375	1,466
South Dakota	5,707	502	462	567	517	467	455	474	469	466	452	407	450
Tennessee	29,479	2,578	2,601	2,835	2,642	2,418	2,321	2,305	2,313	2,117	2,336	2,346	2,664
Texas	62,435	5,757	5,059	6,157	5,549	4,825	4,921	5,091	5,005	4,652	4,650	4,947	5,822
Utah	5,176	495	421	467	432	431	422	421	374	406	514	379	404
Vermont	4,354	415	290	376	389	368	359	349	330	319	370	376	405
Virginia	28,996	2,729	2,322	2,768	2,633	2,389	2,202	2,195	2,146	2,142	2,341	2,373	2,756
Washington	22,000	2,085	1,752	1,977	1,805	1,853	1,641	1,799	1,713	1,736	1,837	1,812	1,992
West Virginia	17,361	1,559	1,402	1,625	1,542	1,391	1,373	1,309	1,276	1,190	1,419	1,510	1,565
Wisconsin	35,220	3,061	2,654	3,254	2,928	2,739	2,752	2,700	2,708	2,383	2,587	2,609	2,695
Wyoming	2,378	186	159	207	191	217	200	197	235	196	199	180	191

GENERAL TABLES—DEATHS FROM EACH CAUSE

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1947

(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 -----	1,445,370	818,254	627,136	726,104	548,789	87,760	76,021	2,386	1,941	977	146	663	186	324	53
	I.—Infectious and parasitic diseases -----	80,155	50,321	29,834	37,654	20,633	11,641	8,693	479	452	191	20	88	27	66	9
1	Typhoid fever-----	282	158	124	112	82	43	40	2	2	1	-	-	-	-	-
2	Paratyphoid fever-----	43	28	15	24	12	4	3	-	-	-	-	-	-	-	-
3	Flague-----	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-
4	Cholera-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Undulant fever (brucellosis)-----	58	39	19	33	16	6	3	-	-	-	-	-	-	-	-
6	Cerebrospinal (meningococcus) meningitis-----	917	524	393	441	343	79	49	3	-	-	-	1	-	-	1
7	Anthrax (infection by Bacillus anthracis)-----	3	3	-	2	-	1	-	-	-	-	-	-	-	-	-
8	Scarlet fever-----	107	62	45	59	39	3	4	-	-	-	-	1	-	1	-
9	Whooping cough-----	1,954	936	1,018	843	684	281	307	12	26	-	-	-	-	-	1
10	Diphtheria (infection by C. diphtheriae)-----	799	410	389	353	320	54	65	3	4	-	-	-	-	-	-
11	Erysipelas-----	62	41	41	36	37	3	4	2	-	-	-	-	-	-	-
12	Tetanus-----	511	321	190	197	108	120	79	1	3	3	-	-	-	-	-
13-22	Tuberculosis (all forms) -----	48,064	30,586	17,479	23,187	11,616	6,784	5,487	360	335	148	17	73	19	53	5
13	Tuberculosis of respiratory system, etc.*-----	44,462	28,558	15,904	21,871	10,633	6,134	4,963	299	275	138	13	69	15	47	5
14	Tuberculosis of meninges, etc.*-----	977	530	447	327	277	161	136	39	30	2	1	1	3	-	-
15	Tuberculosis of intestines and peritoneum-----	478	238	240	134	127	99	104	4	9	1	-	-	-	-	-
16	Tuberculosis of vertebral column-----	433	252	181	171	122	71	57	5	1	-	1	1	-	4	-
17	Tuberculosis of bones and joints, etc.*-----	153	105	48	76	31	27	14	2	3	-	-	-	-	-	-
18	Tuberculosis of skin, etc.*-----	18	9	9	8	6	3	3	-	-	-	-	-	-	-	-
19	Tuberculosis of lymphatic system, etc.*-----	75	35	40	27	7	11	7	-	2	-	-	-	-	-	-
20	Tuberculosis of genito-urinary system-----	358	222	136	192	116	23	19	3	1	4	-	-	-	-	-
21	Tuberculosis of other organs-----	93	58	35	44	25	13	8	1	2	-	-	-	-	-	-
22	Disseminated tuberculosis-----	1,017	578	439	318	252	246	172	7	12	3	2	2	1	2	-
23	Leprosy-----	15	9	7	5	6	2	1	-	-	2	-	-	-	-	-
24	Septicemia, purulent infection (nonparaperal)-----	520	277	243	235	185	41	56	-	-	1	-	-	2	-	-
25	Gonococcus infection-----	108	26	82	12	24	14	56	-	2	-	-	-	-	-	-
26	Other diseases due to bacteria (exc. dysentery)-----	56	42	16	27	8	15	8	-	-	-	-	-	-	-	-
27	Dysentery-----	689	504	365	399	292	92	66	12	6	1	-	-	-	-	1
28	Malaria-----	214	150	84	87	33	43	51	-	-	-	-	-	-	-	-
29	Other diseases due to parasitic protozoa, etc.*-----	37	22	15	18	14	4	1	-	-	-	-	-	-	-	-
30	Syphilis (all forms) -----	12,671	9,254	3,417	6,172	1,995	2,988	1,567	42	28	28	2	12	4	12	1
30a	Loocomotor ataxia (tabes dorsalis)-----	453	368	85	326	40	16	-	-	-	-	-	2	-	-	-
30b	General paralysis of insane-----	5,537	2,694	843	1,795	563	873	276	8	1	7	-	2	2	9	1
30d	Aneurysm of aorta-----	3,465	2,713	752	2,009	512	681	239	5	1	11	-	4	-	3	-
30f	Congenital syphilis-----	605	319	286	109	112	196	161	14	12	-	1	-	-	-	-
30c,e,g	Syphilis (other forms)-----	4,611	3,160	1,451	1,933	739	1,198	685	15	14	10	1	4	2	-	-
31	Relapsing fever-----	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
32	Other diseases due to spirochetes-----	415	244	171	211	150	30	20	1	1	2	-	-	-	-	-
33	Influenza-----	7,664	3,860	3,804	3,047	2,978	795	805	16	20	1	-	1	1	-	-
34	Smallpox-----	5	3	2	2	2	1	-	-	-	-	-	-	-	-	-
35	Measles-----	472	320	252	176	199	27	34	17	19	-	-	-	-	-	-
36	Poliomyelitis and polioencephalitis (acute)-----	580	340	240	317	218	23	19	-	3	-	-	-	-	-	-
37	Acute infectious encephalitis (lethargic)-----	630	373	257	346	244	24	13	2	-	-	-	1	-	-	-
38	Other diseases due to filtrable viruses-----	144	96	48	80	40	13	7	3	1	-	-	-	-	-	-
39	Typhus fever and typhus-like diseases*-----	224	144	80	123	62	20	18	1	-	-	-	-	-	-	-
40	Ankylostomiasis-----	9	7	2	6	1	1	1	-	-	-	-	-	-	-	-
41	Hydatid disease-----	15	10	5	10	5	-	-	-	-	-	-	-	-	-	-
42	Other diseases caused by helminths-----	51	23	28	13	21	10	6	-	1	-	-	-	-	-	-
43	Mycoses-----	331	203	128	170	113	29	15	1	-	-	-	-	-	3	-
44	Other infectious and parasitic diseases-----	2,300	1,426	874	1,330	785	91	88	1	1	4	-	-	-	-	-
	II.—Cancer and other tumors -----	185,584	95,723	89,871	89,238	81,447	6,105	8,241	62	121	121	23	135	33	42	6
45-55	Cancer and other malignant tumors -----	189,811	93,592	96,219	87,321	88,455	5,899	7,587	62	118	117	21	132	32	41	6
45	Cancer of buccal cavity and pharynx-----	5,583	4,439	1,144	4,207	1,048	214	96	2	-	11	-	3	-	2	-
45a	Cancer of lip-----	599	544	54	536	52	8	2	-	-	-	-	-	-	-	-
45b	Cancer of tongue-----	1,361	1,102	259	1,036	245	63	14	1	-	1	-	-	-	1	-
45c	Cancer of mouth-----	782	600	182	559	158	37	24	-	2	-	-	1	-	1	-
45d	Cancer of jaw bone-----	866	656	210	620	223	34	17	-	1	-	-	1	-	-	-
45e	Cancer of unspecified parts of buccal cavity-----	98	70	28	86	27	4	1	-	-	-	-	-	-	-	-
45f	Cancer of pharynx-----	1,848	1,467	381	1,350	343	68	38	1	-	7	-	1	-	-	-
46	Cancer of digestive organs and peritoneum-----	83,121	45,529	37,592	42,240	35,173	3,053	2,354	56	36	62	9	98	17	20	3
46a	Cancer of esophagus-----	3,489	2,699	790	2,360	721	305	69	2	-	7	-	6	-	1	-
46b	Cancer of stomach-----	25,967	16,285	9,672	14,815	8,605	1,359	829	28	19	24	6	56	13	13	-
46c	Cancer of duodenum-----	382	181	171	174	161	6	10	1	-	-	-	-	-	-	-
46d	Cancer of rectum and anus-----	10,428	5,893	4,535	5,619	4,282	254	298	2	4	6	-	10	1	2	-
46e	Cancer of intestines, etc.*-----	22,555	10,314	12,241	9,820	11,703	467	531	11	2	6	1	10	2	2	-
46f	Cancer of liver and biliary passages-----	10,572	4,576	5,996	4,237	5,639	311	347	4	8	14	2	9	-	1	-
46g	Cancer of pancreas-----	7,587	4,445	3,142	4,183	2,946	248	193	6	2	2	-	5	1	1	-
46h	Cancer of mesentery and peritoneum-----	1,319	709	610	655	576	48	33	1	-	2	-	1	-	2	1
46a	Cancer of other and unspecified sites-----	852	417	435	357	390	57	44	1	1	1	-	1	-	-	-
47	Cancer of respiratory system-----	17,319	13,739	3,581	12,947	3,365	739	209	9	2	24	1	13	5	6	-
47a	Cancer of larynx-----	1,672	1,651	221	1,584	202	85	19	-	-	1	-	1	-	-	-
47b,c	Cancer of trachea and bronchus-----	5,166	4,439	727	4,147	673	273	52	3	-	8	1	7	1	1	-
47d	Cancer of lung-----	9,571	7,159	2,412	6,772	2,278	361	129	5	2	14	-	2	3	5	-
47e	Cancer of pleura-----	151	97	54	94	32	2	2	-	-	1	-	-	-	-	-
47f	Cancer of other respiratory organs-----	559	392	167	370	180	18	6	-	1	-	-	3	1	-	-
48	Cancer of uterus-----	17,455	...	17,455	...	14,818	...	2,588	...	45	...	4	...	3	...	1
48a	Cancer of cervix-----	7,378	...	7,378	...	6,733	...	1,222	...	19	...	...	3	...	...	1
48b	Cancer of other and unspecified sites of uterus-----	9,477	...	9,477	...	8,085	...	1,364	...	26	...	4	...	...	...	-
49	Cancer of other female genital organs-----	5,831	...	5,831	...	5,513	...	308	...	7	...	1	...	2	...	-
49a,b	Cancer of ovary, fallopian tube, and parametrium-----	5,059	...	5,059	...	4,603	...	250	...	3	...	1	...	2	...	-
49c-d	Cancer of other female genital organs-----	772														

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1947—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-----	12,013	12,013	...	11,069	...	931	...	6	...	2	...	4	...	1	...	
51b	Cancer of prostate-----	11,050	11,050	...	10,203	...	837	...	5	...	2	...	2	...	1	...	
51a,c-e	Cancer of other male genital organs-----	963	963	...	866	...	94	...	1	...	...	...	2	...	...	...
52	Cancer of urinary organs-----	9,334	6,060	3,274	5,776	3,054	272	217	4	3	2	...	4	...	2	...	
52a	Cancer of kidney-----	3,209	1,956	1,272	1,856	1,199	75	72	1	2	1	...	1	...	...	...
52b	Cancer of bladder-----	6,015	4,069	1,946	3,669	1,902	191	144	3	...	1	...	5	...	2	...	
52c	Cancer of other and unspecified sites-----	111	55	56	49	54	6	1	...	1	...	...	...	...	...	...
53	Cancer of skin, etc.*-----	3,474	2,089	1,385	2,042	1,333	44	52	1	...	...	...	2	...	...	...
54	Cancer of central nervous system*-----	3,436	2,071	1,365	1,998	1,299	61	66	...	1	...	1	...	1	...	1	...
55	Cancer of other and unspecified organs-----	14,215	7,440	6,775	6,860	6,177	544	582	4	12	15	2	8	1	9	1	
56,57	Nonmalignant tumors and tumors of unspecified nature-----	5,783	2,131	3,652	1,917	2,992	208	654	...	3	4	2	3	1	1	...	
56	Nonmalignant tumors (including dermoid cysts)-----	3,349	803	2,546	728	2,014	71	528	...	2	1	1	2	1	1	...	
56a-c	Nonmalignant tumors of female genital organs-----	1,811	...	1,811	...	1,345	...	464	...	1	...	1	...	...	...	...
56d	Nonmalignant tumors of central nervous system*-----	887	448	439	408	408	37	30	...	...	...	...	1	1	1	...
56e	Nonmalignant tumors of other and unspecified organs-----	651	355	296	319	261	34	34	...	1	1	...	1	...	...	...
57	Tumors of unspecified nature-----	2,434	1,328	1,106	1,189	978	135	126	...	1	3	1	1	...	...	...
57a-c	Tumors, female genital organs (nature unspecified)-----	64	...	64	...	51	...	13	...	...	...	...	...	...	...	...
57d	Tumors, central nervous system* (nature unspecified)-----	1,591	897	694	812	618	85	75	...	1	2	...	...	...	...	...
57e	Tumors, other organs (nature unspecified)-----	779	431	348	377	309	52	58	...	...	1	1	1	...	...	...
	III.—Rheumatism, disease of nutrition, etc.*-----	46,387	17,110	29,277	15,798	26,689	1,235	2,528	27	45	26	8	21	4	3	3	
58	Acute rheumatic fever-----	1,024	508	518	393	358	110	156	2	1	1	...	...	...	...	...
58a	Acute rheumatic pericarditis-----	38	25	13	20	10	5	3	...	...	...	...	...	...	...	...
58b	Acute rheumatic endocarditis-----	298	141	157	119	118	22	39	...	...	...	...	...	...	...	...
58c	Acute rheumatic myocarditis-----	117	56	61	43	43	12	18	1	...	...	...	...	...	...	...
58d	Other acute rheumatic heart diseases-----	194	108	86	60	53	28	33	...	...	...	...	...	...	...	...
58e,f	Other forms of acute rheumatic fever, etc.*-----	377	176	201	131	135	43	65	1	1	1	...	...	...	...	...
59	Chronic rheumatism, other rheumatic diseases-----	1,841	895	1,146	627	1,058	64	84	2	4	...	...	2	...	...	...
60	Gout-----	6	4	2	3	2	1	...	...	...	...	...	...	...	...	...
61	Diabetes mellitus-----	37,515	13,969	23,606	13,038	21,791	812	1,771	19	33	19	5	19	4	2	2	
62	Diseases of pituitary gland-----	161	58	103	51	94	7	9	...	...	...	...	...	...	...	...
63	Diseases of thyroid and parathyroid glands-----	2,795	488	2,307	448	2,087	35	218	2	...	3	2	...	...	...	...
63a	Simple goiter-----	146	28	118	24	95	3	23	1	...	...	...	...	...	...	...
63b	Exophthalmic goiter-----	2,243	350	1,893	320	1,715	26	175	1	...	3	2	...	...	...	...
63c-e	Other diseases of thyroid and parathyroid glands-----	406	110	296	104	275	6	20	...	...	...	...	...	...	...	...
64	Diseases of thymus gland-----	1,092	630	462	562	397	64	61	2	2	2	1	...	...	...	1
65	Diseases of adrenal glands*-----	480	218	262	197	250	21	12	...	...	...	...	...	...	...	...
66	Other general diseases-----	500	242	258	203	211	38	46	...	1	1	...	...	...	...	...
67	Scurvy-----	22	13	9	10	5	3	3	...	1	...	...	...	...	...	...
68	Beriberi-----	49	29	20	26	16	2	4	...	...	...	...	...	...	1	...
69	Pellagra (except alcoholic)-----	728	221	507	165	365	56	140	...	2	...	...	...	...	...	...
70	Rickets-----	53	35	18	25	10	10	8	...	...	...	...	...	...	...	...
71	Other avitaminoses-----	121	62	59	50	44	12	14	...	1	...	...	...	...	...	...
	IV.—Diseases of the blood and blood-forming organs-----	11,349	6,240	5,109	5,818	4,779	400	312	9	13	7	1	...	3	6	1	
72	Hemorrhagic conditions-----	575	301	274	263	251	36	20	2	2	...	...	...	1	...	...
73	Anemias (except splenic anemia)-----	2,750	1,330	1,420	1,191	1,275	133	158	3	6	3	...	...	...	...	1
73a	Pernicious anemia-----	1,598	733	865	684	818	49	42	...	4	...	...	...	...	...	1
73b-d	Other anemias (except splenic)-----	1,152	597	555	507	457	84	96	3	2	3	...	...	...	...	...
74	Leukemias and leukemias-----	7,293	4,242	3,051	4,038	2,918	194	127	4	3	3	1	...	2	3	...	
74a	Leukemias-----	6,954	4,055	2,899	3,857	2,769	190	124	3	3	3	1	...	2	2	...	
74b	Aleukemias-----	339	187	152	181	149	4	3	1	...	...	...	...	...	1	...
75	Diseases of spleen-----	453	238	215	211	198	24	16	...	1	1	...	...	...	2	...
76	Other diseases of blood and blood-forming organs-----	278	129	149	115	137	13	11	...	1	...	...	...	...	1	...
	V.—Chronic poisoning and intoxication-----	2,351	1,980	371	1,735	307	226	57	15	6	...	1	3	...	1	...	
77	Alcoholism (ethylism)-----	2,249	1,904	345	1,665	284	220	55	15	6	...	...	3	...	1	...
78	Lead poisoning-----	32	29	3	24	2	5	1	...	...	...	...	...	...	...	...
79	Chronic poisoning by other mineral substances*-----	70	47	23	46	21	1	1	...	...	1	...	...	...	...	...
	VI.—Diseases of the nervous system, etc.*-----	145,970	72,298	73,674	65,531	64,071	8,524	9,471	107	96	59	12	58	22	17	2	
80	Encephalitis (nongitsemic)-----	1,162	636	466	611	381	92	70	1	4	2	1	...	...	...	...
81	Meningitis (not due to meningococcus)-----	2,009	1,228	781	949	580	273	192	3	6	2	1	...	...	1	...
82	Diseases of spinal cord (see exceptions)*-----	2,619	1,533	1,086	1,406	997	122	87	1	1	2	...	2	...	...	1
83	Intracranial lesions of vascular origin-----	131,039	63,661	67,178	56,246	58,457	7,406	8,624	85	69	53	10	55	19	16	...	
83a	Cerebral hemorrhage or effusion*-----	111,725	53,985	57,740	47,161	49,845	6,645	7,011	77	59	44	9	47	16	11	...	
83b,d	Cerebral embolism, thrombosis, and softening-----	16,221	8,510	7,911	7,790	7,392	506	512	4	6	8	...	8	1	4	...	
83d	Hemiplegia, other paralysis, etc.*-----	3,093	1,566	1,527	1,305	1,220	255	301	4	4	1	1	...	1	1	...	
84	Mental diseases and deficiency (see exception)*-----	1,569	731	838	562	670	166	167	2	...	...	...	1	1	...	...
85	Epilepsy-----	2,247	1,343	904	1,088	750	250	147	5	5	...	...	...	2	...	...
86	Convulsions (under 5 years)-----	304	170	134	123	90	44	40	3	4	...	...	...	...	...	...
87	Other diseases of nervous system-----	4,296	2,312	1,984	2,160	1,875	151	108	1	...	...	...	...	...	...	1
88	Diseases of organs of vision-----	52	26	26	23	23	3	3	...	...	...	...	...	...	...	...
89	Diseases of ear and mastoid process-----	673	396	277	363	238	27	33	6	5	...	...	...	1	...	...

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1947—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—	494,113	290,780	203,333	269,125	184,324	20,788	18,735	363	205	254	29	166	31	76	9
90-95	Diseases of the heart (all forms)-----	460,580	275,048	187,554	252,864	169,866	19,567	17,413	334	187	253	29	156	30	72	9
90	Pericarditis (except acute rheumatic)-----	521	329	192	261	141	66	50	-	-	-	1	-	-	-	-
90a	Chronic rheumatic pericarditis-----	22	12	10	11	10	1	-	-	-	-	-	-	-	-	-
90b	Other pericarditis-----	499	317	182	250	131	67	50	-	-	-	1	-	-	-	-
91	Acute endocarditis (except rheumatic)-----	1,202	700	502	567	369	129	129	1	3	1	1	1	1	1	-
91a,b	Bacterial, acute, and subacute endocarditis-----	1,106	645	461	527	345	112	112	-	3	1	1	1	1	1	-
91c	Endocarditis (unspecified, under 45 years)-----	96	55	41	40	24	14	17	1	-	-	-	-	-	-	-
92	Chronic affections of valves and endocardium-----	51,968	16,804	15,184	14,755	13,157	1,992	1,977	33	25	11	3	11	2	2	-
92a	Diseases of aortic valve, etc.*-----	3,021	1,868	1,153	1,526	911	331	240	4	2	3	-	3	-	1	-
92b	Diseases of mitral valve, etc.*-----	13,371	8,722	6,649	5,930	5,762	774	868	10	15	3	3	4	1	1	-
92c	Chronic rheumatic endocarditis, etc.*-----	2,098	1,149	949	1,078	867	68	80	-	2	2	-	1	-	-	-
92d	Other chronic endocarditis, etc.*-----	11,835	6,252	5,685	5,528	5,015	702	661	18	5	3	-	3	1	-	-
92e	Endocarditis (unspecified, 45 years and over)-----	1,543	813	730	695	601	117	128	1	1	-	-	-	-	-	-
93	Diseases of the myocardium-----	238,608	125,921	112,667	114,998	102,194	10,487	10,376	138	61	168	18	94	11	46	7
93a	Acute myocarditis (except rheumatic)-----	3,278	1,797	1,481	1,504	1,177	288	302	3	2	-	-	1	-	1	-
93b	Myocarditis (unspecified, under 45 years)-----	340	186	154	124	97	61	57	1	-	-	-	-	-	-	-
93c	Chronic rheumatic myocarditis; etc.*-----	1,293	639	654	592	603	43	50	3	1	1	-	-	-	-	-
93d	Other chronic myocarditis, etc.*-----	218,111	114,397	103,734	104,948	94,534	9,044	9,073	117	72	163	18	92	10	43	7
93e	Other myocarditis (unspecified)-----	15,586	8,902	6,684	7,830	5,783	1,051	894	14	6	4	-	1	1	2	-
94	Diseases of coronary arteries, angina pectoris-----	154,131	109,294	44,837	104,900	41,917	4,166	2,866	97	34	58	4	54	14	19	2
94a	Diseases of coronary arteries-----	150,806	106,993	45,815	102,751	41,027	4,019	2,733	94	33	57	4	53	14	19	2
94b	Angina pectoris-----	3,325	2,301	1,024	2,149	890	147	133	3	1	1	-	1	-	-	-
95	Other diseases of heart-----	34,150	19,898	14,152	17,383	12,088	2,525	2,015	65	44	15	2	6	3	4	-
95a	Functional diseases of heart, etc.*-----	1,047	545	502	507	471	35	31	2	-	-	-	1	-	-	-
95b	Other diseases of heart (rheumatic)-----	7,083	3,488	3,595	3,168	3,242	303	344	8	9	7	-	-	-	2	-
95c	Other diseases of heart (not rheumatic)-----	26,020	15,965	10,055	15,708	8,375	2,187	1,640	55	35	8	2	5	3	2	-
96	Aneurysm (except of heart and aorta)-----	2,237	1,505	734	1,385	633	113	101	2	-	1	-	2	-	-	-
97	Arteriosclerosis (except coronary or renal sclerosis)-----	28,317	13,120	12,197	12,162	11,415	918	771	19	11	9	-	8	-	4	-
98	Congrene-----	2,040	1,354	906	1,059	841	73	64	2	1	-	-	-	-	-	-
99	Other diseases of arteries-----	1,379	699	680	645	622	52	56	1	1	1	-	-	1	-	-
100	Diseases of veins-----	56	24	32	18	25	6	7	-	-	-	-	-	-	-	-
101	Diseases of lymphatic system-----	1,811	918	985	718	748	197	245	1	2	-	-	-	-	-	-
102	High blood pressure (idiopathic)-----	213	126	87	95	58	29	27	2	2	-	-	-	-	-	-
103	Other diseases of circulatory system-----	68,771	39,115	28,956	33,911	24,283	5,534	4,432	259	224	63	5	30	7	18	5
	VIII.—Diseases of respiratory system-----															
104	Diseases of nasal fossae, accessory sinuses-----	454	245	209	161	163	56	43	7	3	-	-	1	-	-	-
105	Diseases of larynx-----	290	165	105	172	86	12	18	1	1	-	-	-	-	-	-
106	Bronchitis-----	3,467	2,064	1,403	1,903	1,268	153	131	4	4	3	-	1	-	-	-
107	Bronchopneumonia (including capillary bronchitis)-----	28,087	15,432	12,656	13,187	10,721	2,084	1,808	120	116	24	4	10	3	7	3
108	Lobar pneumonia-----	20,272	12,304	7,968	10,169	6,395	2,026	1,520	64	51	28	1	10	1	7	-
109	Pneumonia (unspecified)-----	5,813	3,324	2,489	2,712	1,982	549	461	58	43	2	-	1	2	2	1
109A	Atypical or virus pneumonia-----	1,039	614	425	554	375	57	47	-	2	1	-	1	1	1	-
109B	Pneumonia (all other, unspecified)-----	4,774	2,710	2,064	2,158	1,607	492	414	58	41	1	-	1	1	1	1
110	Plourisy (not specified as tuberculous)-----	1,172	754	419	644	350	104	68	1	-	2	-	2	-	1	-
111	Hemorrhagic infarction, thrombosis, edema*-----	4,202	2,100	2,102	1,969	1,903	228	198	1	5	-	-	2	1	-	-
112	Asthma-----	2,712	1,615	1,097	1,462	963	150	133	1	-	2	-	-	-	-	1
113	Pulmonary emphysema-----	328	274	54	253	49	21	4	-	1	-	-	-	-	-	-
114	Other diseases of respiratory system (except tuberculosis)-----	1,974	1,518	456	1,359	403	151	53	2	-	2	-	3	-	1	-
114a,b	Silicosis, other forms of pneumoconiosis-----	612	609	3	590	3	-	-	-	-	-	-	1	-	-	-
114c-e	Other diseases of respiratory system (except tuberculosis)-----	1,362	909	453	769	400	133	53	2	-	2	-	2	-	1	-
	IX.—Diseases of the digestive system-----	62,055	36,437	25,618	32,721	22,500	3,465	2,960	152	143	50	7	34	5	15	3
115	Diseases of buccal cavity and adnexa, etc.*-----	1,360	692	668	557	517	132	145	2	4	-	1	1	1	-	-
116	Diseases of esophagus-----	245	148	97	132	84	16	13	-	-	-	-	1	-	-	-
117	Ulcer of stomach or duodenum-----	8,611	7,048	1,563	6,504	1,376	518	163	8	2	8	-	7	2	3	-
117a	Ulcer of stomach-----	5,333	4,302	1,031	3,901	874	384	153	5	2	4	-	6	2	2	-
117b	Ulcer of duodenum-----	3,278	2,746	532	2,603	502	134	30	3	-	4	-	1	-	1	-
118	Other diseases of stomach (except cancer)-----	1,342	798	544	601	341	192	200	4	3	1	-	-	-	-	-
119	Diarrhea, enteritis, etc.* (under 2 years)-----	6,046	3,490	2,556	2,830	2,050	566	439	87	63	1	1	3	-	3	3
120	Diarrhea, enteritis, etc.* (2 years and over)-----	2,023	938	1,085	803	885	127	187	8	13	-	-	-	-	-	-
121	Appendicitis-----	4,786	2,874	1,912	2,512	1,632	351	274	7	5	2	-	2	1	-	-
122	Hernia and intestinal obstruction-----	10,764	5,488	5,276	4,809	4,583	653	669	15	23	4	1	5	-	2	-
122a	Hernia-----	4,492	2,604	1,888	2,357	1,744	239	136	4	8	4	-	-	-	-	-
122b	Intestinal obstruction-----	6,272	2,884	3,388	2,452	2,839	414	533	11	15	-	1	5	-	2	-
123	Other diseases of intestines-----	1,876	1,073	803	970	718	98	63	2	2	1	-	2	-	-	-
124	Cirrhosis of liver-----	14,940	9,747	5,193	9,196	4,803	518	376	5	11	27	3	6	-	5	-
124a	Cirrhosis of liver with mention of alcoholism-----	2,228	1,624	604	1,543	563	72	58	-	1	7	2	1	-	1	-
124b	Cirrhosis of liver without mention of alcoholism-----	12,712	8,123	4,589	7,643	4,240	446	338	5	10	20	1	5	-	4	-
125	Other diseases of liver-----	1,845	971	874	822	749	141	121	4	2	1	1	2	1	1	-
126	Biliary calculi-----	3,863	1,245	2,618	1,227	2,551	12	61	2	6	1	-	3	-	-	-
127	Other diseases of gallbladder, biliary ducts-----	2,445	938	1,507	886	1,422	44	79	5	6	1	-	1	-	1	-
128	Diseases of pancreas (except diabetes mellitus)-----	1,039	569	470	522	437	44	31	1	2	2	-	-	-	-	-
129	Peritonitis (cause not stated)-----	870	418	452	360	352	53	99	2	1	1	-	2	-	-	-
	X.—Diseases of genito-urinary system-----	93,963	53,373	40,590	45,456	33,675	7,745	6,828	73	64	62	9	27	12	10	2
130	Acute nephritis-----	2,114	1,190	824	874	621	311	295	4	7	1	-	-	1	-	-
131	Chronic nephritis-----	74,296	39,549	34,747	33,655	29,082	5,760	5,589	53	47	53	8	21	10	7	1
131a	Arteriosclerotic kidney-----	56,891	29,710	26,981	25,402	22,728	4,215	4,213	33							

VITAL STATISTICS OF THE UNITED STATES

TABLE 5.—DEATHS FROM EACH CAUSE, BY SPECIFIED RACE AND SEX: UNITED STATES, 1947—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
	X.—Diseases of genito-urinary system—Continued															
137	Diseases of prostate-----	7,082	7,082	...	6,382	...	696	...	6	...	4	...	4	...	-	...
137a	Hypertrophy of prostate-----	6,089	6,089	...	5,516	...	559	...	6	...	4	...	4	...	-	...
137b	Other diseases of prostate-----	1,003	1,003	...	866	...	137	...	-	...	-	...	-	...	-	...
138	Diseases of other male genital organs (not venereal)-----	27	27	...	17	...	10	...	-	...	-	...	-	...	-	...
139	Diseases of female genital organs-----	1,137	...	1,137	...	897	...	298	...	2	...	-	...	-	...	
139a	Diseases of ovaries, fallopian tubes, parametria-----	640	...	640	...	403	...	236	...	1	...	-	...	-	...	
139b	Diseases of uterus-----	475	...	475	...	417	...	57	...	1	...	-	...	-	...	
139c	Diseases of other female genital organs*-----	22	...	22	...	17	...	5	...	-	...	-	...	-	...	
	XI.—Diseases of pregnancy, childbirth, and the puerperium	4,978	...	4,978	...	3,555	...	1,368	...	45	...	6	...	4	...	-
140	Abortion with mention of infection-----	372	...	372	...	238	...	134	...	-	...	-	...	-	...	
141	Abortion without mention of infection-----	213	...	213	...	167	...	64	...	2	...	-	...	-	...	
141a,c	Abortion (nonseptic), spontaneous, therapeutic, with toxemia*-----	59	...	59	...	41	...	17	...	1	...	-	...	-	...	
141b	Abortion (nonseptic), spontaneous, therapeutic, without toxemia*-----	73	...	73	...	47	...	25	...	1	...	-	...	-	...	
141d-f	Other abortions (nonseptic)*-----	81	...	81	...	59	...	22	...	-	...	-	...	-	...	
142	Ectopic gestation-----	300	...	300	...	200	...	99	...	1	...	-	...	-	...	
142a	Ectopic gestation, with mention of infection-----	51	...	51	...	33	...	18	...	-	...	-	...	-	...	
142b	Ectopic gestation, without mention of infection-----	249	...	249	...	167	...	81	...	1	...	-	...	-	...	
143	Hemorrhage of pregnancy (death before delivery)-----	62	...	62	...	41	...	19	...	1	...	1	...	-	...	
144	Toxemias of pregnancy (death before delivery)-----	497	...	497	...	321	...	171	...	3	...	1	...	1	...	
145	Other diseases of pregnancy (death before delivery)*-----	255	...	255	...	187	...	65	...	3	...	-	...	-	...	
145A	With mention of infection-----	162	...	162	...	130	...	31	...	1	...	-	...	-	...	
145B	Without mention of infection-----	93	...	93	...	57	...	34	...	2	...	-	...	-	...	
146	Hemorrhage of childbirth and puerperium-----	788	...	788	...	602	...	187	...	13	...	4	...	2	...	
147	Infection during childbirth and puerperium-----	1,006	...	1,006	...	755	...	244	...	6	...	-	...	1	...	
148	Puerperal toxemias (excluding death before delivery)-----	784	...	784	...	542	...	230	...	12	...	-	...	-	...	
149	Other accidents and specified conditions of childbirth-----	376	...	376	...	297	...	78	...	1	...	-	...	-	...	
150	Other and unspecified conditions of childbirth and puerperium-----	325	...	325	...	225	...	97	...	3	...	-	...	-	...	
	XII.—Diseases of the skin and cellular tissue	954	419	535	346	438	63	95	5	3	2	1	1	-	-	
151	Carbuncle and furuncle-----	49	29	20	23	15	4	5	2	-	-	-	-	-	-	
152	Phlegmon and acute abscess-----	134	80	54	62	42	17	12	1	-	-	-	-	-	-	
153	Other diseases of skin and cellular tissue-----	771	310	461	265	361	42	76	2	3	2	1	1	-	-	
	XIII.—Diseases of the bones, etc.*	726	331	345	351	307	49	36	1	2	-	-	-	-	-	
154	Osteomyelitis and periostitis-----	190	120	70	94	55	26	13	-	2	-	-	-	-	-	
155	Other diseases of bones (except tuberculosis)-----	206	87	119	80	115	7	6	-	-	-	-	-	-	-	
156	Diseases of joints, other organs of movement-----	330	174	156	157	139	16	17	1	-	-	-	-	-	-	
	XIV.—Congenital malformations	20,315	11,156	9,157	10,259	8,494	854	622	27	35	4	2	13	3	1	
157a-d	Congenital malformations of central nervous system-----	5,992	2,849	3,143	2,639	2,966	202	149	7	7	-	-	1	1	-	
157e,f	Congenital malformations of cardiovascular system-----	9,620	5,447	4,173	5,042	3,816	379	332	13	21	3	2	9	1	1	
157g,h,m	Other congenital malformations-----	4,703	2,862	1,841	2,578	1,892	275	141	7	7	1	-	3	1	-	
	XV.—Diseases peculiar to the first year of life	65,308	38,367	26,921	32,916	22,640	5,262	4,117	154	129	17	13	23	15	7	
158	Congenital debility (cause not stated)-----	1,719	1,008	710	726	469	261	223	19	18	-	-	2	-	-	
159	Premature birth (cause not stated)-----	41,063	23,604	17,449	20,206	14,566	3,279	2,786	84	71	11	9	14	11	10	
160	Injury at birth-----	15,075	8,087	5,008	7,088	4,375	945	611	22	15	5	3	3	2	4	
161	Other diseases peculiar to first year of life-----	9,462	5,708	3,754	4,896	3,250	777	495	29	25	1	1	4	2	1	
162	XVI.—Senility	9,706	4,480	5,226	3,772	4,444	675	739	27	43	6	-	-	-	-	
	XVII.—Violent or accidental deaths	124,825	88,336	36,489	76,236	32,546	11,464	3,779	408	131	96	9	78	20	52	
163,184	Suicide-----	16,538	12,560	3,978	12,076	3,853	397	110	28	5	29	3	21	7	9	
163	Suicide by poisoning-----	3,890	2,078	1,812	2,016	1,564	56	44	-	2	2	-	4	2	-	
164	Suicide by other means-----	12,848	10,482	2,366	10,060	2,299	341	66	28	3	27	3	17	5	9	
165-169	Homicide ¹ -----	8,555	6,707	1,848	3,012	941	3,634	693	43	12	6	-	1	1	11	
166	Homicide by firearms-----	4,922	3,956	966	1,776	522	2,144	439	28	4	3	-	-	-	5	
167	Homicide by cutting or piercing instruments-----	1,981	1,571	410	412	112	1,147	294	7	3	1	-	-	1	4	
168	Homicide by other means-----	1,652	1,180	472	824	307	343	160	8	5	2	-	1	-	2	
169-195	Accidental deaths-----	99,578	68,918	30,661	61,107	27,751	7,323	2,775	337	114	63	6	56	12	32	
169	Railway accidents (except collisions with motor vehicles)-----	2,663	2,421	242	2,039	196	350	44	32	2	-	-	-	-	-	
170	Motor-vehicle accidents-----	32,697	25,355	7,340	22,959	6,751	2,217	534	129	44	20	3	18	9	12	
170a	Collisions between automobiles and trains-----	1,736	1,311	425	1,214	404	90	20	4	1	1	-	1	-	1	
170b	Collisions between automobiles and streetcars-----	102	80	22	71	22	9	-	-	-	-	-	-	-	-	
170c	Automobile accidents (except collisions with trains or streetcars)-----	30,074	23,260	6,814	20,992	6,246	2,098	512	124	43	18	3	17	9	11	
170d	Motorcycle accidents (except collisions with automobiles)-----	785	704	81	682	79	20	2	1	-	1	-	-	-	-	

*Refer to International List for complete title, table IX.
¹Includes 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, 1947—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
	XVII.—Violent or accidental deaths—Continued															
	Accidental deaths—Continued															
171	Streetcar and other road-transport accidents	597	470	127	405	114	62	13	2	-	-	-	1	-	-	-
171a	Streetcar accidents (except collisions with trains or motor vehicles)	422	322	100	283	91	38	9	-	-	-	-	1	-	-	-
171b	Other and unspecified road-transport accidents	175	148	27	122	23	24	4	2	-	-	-	-	-	-	-
172	Water-transport accidents	1,244	1,133	111	1,012	97	119	14	1	1	-	-	1	-	-	-
173	Air-transport accidents	2,013	1,781	232	1,767	232	13	-	-	-	-	-	-	-	-	-
174	Accidents in mines and quarries	1,509	1,496	13	1,392	11	102	2	2	-	-	-	-	-	-	-
175	Agricultural and forestry accidents	2,287	2,163	104	1,972	96	196	6	10	2	1	-	4	-	-	-
175a	Agricultural accidents	1,658	1,756	102	1,594	94	152	6	5	2	1	-	4	-	-	-
175d,e	Forestry accidents	429	427	2	378	2	44	-	5	-	-	-	-	-	-	-
176	Other accidents involving machinery	1,208	1,169	39	1,017	36	151	3	-	-	-	-	-	-	1	-
177	Food poisoning	318	186	132	130	81	53	51	1	-	-	-	2	-	-	-
178	Accidental absorption of poisonous gas	1,958	1,824	614	1,218	574	96	39	1	-	8	-	-	-	1	1
179	Acute accidental poisoning by solids or liquids	1,504	897	607	725	509	156	99	9	-	3	-	3	-	1	-
180	Conflagration	3,315	2,095	1,220	1,572	821	561	385	18	14	1	-	1	-	2	-
181	Accidental burns (except conflagration)	4,685	2,577	2,108	2,057	1,590	501	504	14	12	4	1	1	1	-	-
182	Accidental mechanical suffocation	1,950	1,166	764	948	574	203	187	8	3	3	-	3	-	1	-
183	Accidental drowning	5,737	4,910	627	4,122	721	741	98	29	6	5	1	9	1	4	-
184	Accidental injury by firearms	2,366	2,068	318	1,617	217	436	96	13	4	-	1	2	-	-	-
185	Accidental injury by cutting or piercing instruments	265	188	97	125	64	61	32	2	1	-	-	-	-	-	-
186	Accidental injury by fall or crushing	24,397	11,348	13,049	10,689	12,661	615	372	28	15	6	-	6	-	4	1
186a	Accidental injury by fall	23,961	10,955	13,006	10,347	12,622	564	368	28	15	6	-	6	-	4	1
186b	Accidental injury by crushing	436	393	43	342	39	51	4	-	-	-	-	-	-	-	-
187	Cataclysm, etc.*	393	222	171	198	156	23	14	1	1	-	-	-	-	-	-
188	Injury by animals (except in agriculture and forestry)	113	91	22	82	20	8	2	1	-	-	-	-	-	-	-
189	Hunger or thirst	26	16	10	14	9	2	1	-	-	-	-	-	-	-	-
190	Excessive cold	270	219	51	166	34	46	16	7	1	-	-	-	-	-	-
191	Excessive heat	540	432	108	375	85	54	23	1	-	1	-	-	-	1	-
192	Lightning	358	289	70	220	52	44	18	4	-	-	-	-	-	-	-
193	Accidents due to electric currents (except lightning)	867	816	51	759	46	56	4	1	1	-	-	-	-	-	-
194	Poisoning by venomous animals (except in agriculture and forestry)*	64	47	17	41	16	5	1	-	-	-	-	-	-	1	-
195	Other accidents	5,255	4,040	2,215	3,486	1,988	512	216	24	8	9	-	5	1	4	-
195a	Sequelae of preventive immunization, etc.*	16	9	7	9	6	-	-	1	-	-	-	-	-	-	-
195b	Other accidents due to medical or surgical intervention	44	27	17	18	13	9	4	-	-	-	-	-	-	-	-
195d	Obstruction, suffocation, etc.*	1,206	732	474	645	404	81	67	5	3	-	-	-	-	1	-
195e,c	Other and unspecified accidents	4,989	3,272	1,717	2,814	1,565	422	146	19	5	9	-	5	1	3	-
196	Deaths of military personnel during operations of war	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
197	Deaths of civilians due to operations of war	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	Legal executions	153	151	2	41	1	110	1	-	-	-	-	-	-	-	-
	XVIII.—Ill-defined and unknown causes	17,850	10,998	6,852	7,055	3,657	3,732	3,010	198	194	7	-	6	-	-	1
199	Sudden death	1,149	800	349	561	205	214	143	5	1	-	-	-	-	-	-
200	Ill-defined and unknown causes	16,701	10,198	6,503	6,474	3,452	3,518	2,867	193	193	7	-	6	-	-	1
200a	Ill-defined causes	7,511	4,904	2,607	3,708	1,689	1,145	909	44	29	5	-	2	-	-	-
200b,c	Unknown or unspecified causes	9,190	5,294	3,896	2,766	1,763	2,373	1,958	149	154	2	-	4	-	-	1

*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 para-typhoid fever	Cerebro-spinal (meningococcus) meningitis	Scarlet fever	Whooping cough	Diphtheria	Tuber-culosis (all forms)	Dysen-tery	Malaria	Syph-illis	Measles	Polio-myelitis, polio-encephalitis (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-----	1,445,370	325	917	107	1,954	799	48,064	669	214	12,671	472	580	189,811	1,024	37,515
2 Alabama-----	26,054	5	26	2	118	30	1,129	30	19	320	27	6	2,351	32	361
3 Arizona-----	6,514	4	6	1	21	7	764	21	-	68	17	-	524	2	74
4 Arkansas-----	14,945	10	10	2	54	20	782	20	27	193	7	3	1,580	16	215
5 California-----	98,977	18	67	2	86	52	5,454	32	3	949	10	57	13,639	26	2,026
6 Colorado-----	12,827	2	10	1	28	21	443	10	-	117	6	9	1,624	17	218
7 Connecticut-----	18,978	1	10	-	4	1	469	2	-	118	4	6	3,067	5	653
8 Delaware-----	3,371	1	4	-	4	-	127	2	-	32	-	3	407	3	82
9 District of Columbia-----	8,467	1	7	1	4	1	359	1	2	130	-	4	1,270	6	215
10 Florida-----	25,471	8	21	-	35	17	771	13	8	260	3	6	2,683	17	491
11 Georgia-----	28,148	10	20	1	96	49	1,039	22	11	332	16	4	2,768	31	458
12 Idaho-----	4,680	-	-	1	3	3	64	2	-	19	-	17	511	4	102
13 Illinois-----	92,393	10	46	1	41	12	2,774	22	6	675	9	27	13,451	49	2,734
14 Indiana-----	40,410	8	21	7	55	17	1,071	15	1	385	8	15	4,844	24	1,024
15 Iowa-----	26,625	1	17	4	35	5	305	9	-	167	4	9	3,827	11	678
16 Kansas-----	18,784	-	11	-	18	4	321	4	-	157	1	8	2,423	12	406
17 Kentucky-----	28,005	1.6	29	9	91	69	1,454	39	5	183	4	12	2,879	31	492
18 Louisiana-----	23,712	23	17	-	68	20	1,053	17	10	416	10	7	2,790	22	442
19 Maine-----	9,968	-	8	-	12	4	192	-	-	54	4	1	1,337	10	221
20 Maryland-----	22,983	5	15	1	31	15	1,285	3	1	295	14	13	3,011	15	627
21 Massachusetts-----	51,824	6	17	4	16	14	1,594	22	1	204	12	9	8,129	18	1,630
22 Michigan-----	56,847	7	33	6	62	25	1,649	10	2	505	5	30	7,810	30	1,614
23 Minnesota-----	28,367	1	15	3	33	21	593	3	-	164	19	21	4,266	16	806
24 Mississippi-----	19,850	8	15	-	63	16	659	29	20	209	9	6	1,743	30	308
25 Missouri-----	44,734	1.7	14	2	69	1.6	1,314	1.7	9	411	5	19	5,863	35	960
26 Montana-----	5,895	1	3	-	5	2	140	1	-	45	13	5	683	6	128
27 Nebraska-----	12,815	2	6	3	17	3	187	5	2	82	1	16	1,816	7	326
28 Nevada-----	1,678	-	-	-	-	-	41	1	-	20	-	2	141	2	26
29 New Hampshire-----	6,223	1	3	2	3	1	77	-	2	29	-	-	893	2	218
30 New Jersey-----	47,521	6	31	2	24	15	1,504	6	1	317	4	11	7,274	33	1,553
31 New Mexico-----	5,623	2	1	2	36	6	352	27	-	55	26	4	418	5	47
32 New York-----	157,525	9	66	5	43	24	5,363	24	3	1,330	4	43	24,998	104	5,960
33 North Carolina-----	30,220	7	30	2	55	32	1,182	18	2	259	24	21	2,719	36	873
34 North Dakota-----	5,147	3	7	1	8	5	85	3	1	18	2	3	600	4	138
35 Ohio-----	81,987	8	72	11	86	29	2,385	18	2	708	31	43	10,963	56	2,314
36 Oklahoma-----	18,794	7	10	-	39	14	665	17	1	175	-	2	2,318	8	351
37 Oregon-----	13,680	6	11	-	4	3	298	4	1	109	3	7	1,327	5	280
38 Pennsylvania-----	110,036	21	51	11	99	34	3,453	15	9	859	43	27	14,987	84	3,589
39 Rhode Island-----	6,324	2	5	-	4	4	226	-	1	46	7	6	1,217	1	287
40 South Carolina-----	17,150	1.5	14	1	55	36	553	16	1.9	250	1.9	4	1,378	27	345
41 South Dakota-----	5,707	-	2	-	11	-	175	1	-	35	2	2	729	8	146
42 Tennessee-----	29,478	1.5	29	1	76	35	1,592	30	10	271	1.5	14	3,067	40	477
43 Texas-----	62,435	31	37	1	188	77	2,750	284	32	615	16	32	6,804	36	1,109
44 Utah-----	5,176	1	4	2	1	11	72	4	-	22	1	5	567	7	101
45 Vermont-----	4,354	1	1	1	5	1	118	1	-	11	7	1	585	1	114
46 Virginia-----	28,996	11	32	3	62	23	1,237	24	1	354	31	9	2,935	44	596
47 Washington-----	22,000	4	16	-	8	12	621	3	1	176	-	13	2,972	13	477
48 West Virginia-----	17,361	7	28	8	46	10	698	14	-	191	20	8	1,980	19	401
49 Wisconsin-----	33,220	3	17	3	32	11	617	5	1	154	8	10	4,808	14	979
50 Wyoming-----	2,378	-	2	-	2	3	30	3	-	17	1	2	216	-	43

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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UNITED STATES AND EACH STATE, 1947

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

Pellagra (except alco- holic)	Intra- cranial lesions of vas- cular origin	Diseases of the heart	Pneumonia (all forms) and in- fluenza	Diarrhoea, enteri- tis, and ulcera- tion of in- tes- tines	Nephritis	Diseases of pregnancy, childbirth, and the puerperium	Congenital malforma- tions and diseases peculiar to the first year (except pre- mature birth)	Premature birth	Suicide	Homi- cide	Motor- vehicle accidents	Other accidents	Senility, ill- defined and unknown causes	All other causes	
69	83	90-95	107- 109,33	119,120	130-132	140-150	157,158,160,161	159	163,164	165-168	170	169, 171-195	162, 199,200		
728	131,039	460,580	61,856	8,069	80,288	4,978	44,570	41,053	16,538	8,555	32,697	66,882	27,556	164,679	1
66	2,641	5,989	1,494	160	1,935	226	906	1,044	202	450	701	1,210	1,905	2,653	2
2	363	1,446	400	219	257	36	258	218	83	39	269	384	238	795	3
35	1,477	3,778	996	80	994	92	437	426	116	150	304	821	690	1,650	4
19	7,639	32,527	3,835	626	3,875	230	2,984	2,514	1,672	586	3,423	4,075	502	12,262	5
1	1,085	3,435	827	80	729	40	425	418	198	52	382	685	187	1,719	6
2	1,595	7,021	522	59	850	31	558	420	283	38	246	776	124	2,096	7
-	249	1,143	110	8	295	8	86	98	53	14	69	168	31	374	8
1	587	2,357	308	59	698	29	361	345	119	74	80	331	14	1,104	9
14	2,604	7,193	1,021	140	1,650	129	792	853	314	377	775	1,342	958	2,980	10
100	3,343	6,823	1,668	172	2,542	249	996	1,032	236	505	817	1,341	1,154	3,354	11
-	415	1,338	189	23	307	16	167	183	71	19	190	343	152	521	12
4	7,426	34,221	3,274	288	5,225	200	2,490	1,963	946	409	1,065	3,853	457	9,835	13
6	4,273	12,480	1,684	196	3,011	110	1,128	1,078	480	150	1,146	1,805	371	4,797	14
1	3,097	8,615	1,003	128	1,316	56	809	683	375	47	594	1,347	322	3,160	15
6	2,142	5,818	742	71	1,269	46	509	409	214	74	438	950	272	2,379	16
21	2,826	7,595	1,803	246	1,663	136	969	912	258	288	719	1,483	670	3,125	17
12	1,985	6,652	1,217	133	1,530	139	996	909	213	257	505	1,166	416	2,409	18
-	1,059	3,238	368	69	534	58	360	247	147	10	178	488	154	1,162	19
2	1,798	7,516	850	101	1,778	56	779	569	273	174	417	1,036	71	2,272	20
3	4,608	19,551	1,842	330	3,110	97	1,365	1,115	432	68	563	2,209	115	5,702	21
4	5,404	18,413	2,248	269	2,582	175	1,946	1,858	621	229	1,501	2,349	702	6,660	22
1	2,979	8,911	1,319	96	888	47	962	797	321	33	598	1,407	341	3,708	23
29	1,944	4,235	1,005	106	1,684	170	619	647	106	309	467	1,015	2,465	1,914	24
9	4,433	14,387	2,408	274	3,062	130	1,134	999	481	226	803	2,056	647	4,934	25
-	491	1,692	252	26	261	15	169	174	89	13	169	373	194	737	26
-	1,339	3,866	530	54	747	38	376	335	171	30	354	648	255	1,619	27
-	151	493	69	1	68	5	47	53	58	18	100	140	57	202	28
1	607	2,223	249	34	296	14	177	141	80	3	114	301	58	694	29
2	4,100	17,275	1,532	162	2,637	102	1,180	1,131	531	141	673	1,745	206	5,333	30
7	306	940	423	185	231	45	267	326	52	51	259	314	691	545	31
8	10,474	60,602	5,468	545	6,020	327	4,110	3,360	1,747	456	2,004	6,349	593	17,466	32
58	3,363	7,520	1,572	215	2,578	192	1,310	1,372	313	422	891	1,429	963	3,072	33
-	502	1,486	231	31	222	19	211	167	66	3	128	317	151	708	34
6	8,484	26,081	3,473	266	4,603	232	2,436	2,131	974	370	1,890	3,618	1,082	9,525	35
27	1,999	4,856	967	92	991	81	566	606	143	135	519	1,054	799	2,352	36
1	1,237	4,075	486	46	895	33	423	298	224	37	461	371	322	1,593	37
6	9,596	38,070	4,382	552	6,616	318	3,043	2,750	1,182	306	1,762	4,538	990	12,645	38
1	680	3,148	270	30	518	17	240	192	75	15	96	296	28	912	39
40	1,803	4,155	1,058	124	1,412	156	623	700	128	277	546	793	868	1,735	40
-	540	1,682	245	29	275	14	183	183	54	6	178	310	181	716	41
60	3,082	7,213	1,670	217	1,701	158	1,058	1,048	254	384	716	1,258	1,956	3,101	42
122	5,301	15,589	3,182	1,094	3,131	308	2,251	2,502	610	769	1,954	3,609	2,781	7,170	43
-	363	1,570	191	33	265	19	248	214	49	16	193	347	158	712	44
-	436	1,519	176	19	193	7	115	96	48	4	70	245	44	555	45
24	3,091	8,053	1,329	195	2,111	143	1,019	1,073	335	258	745	1,457	679	3,120	46
1	2,095	7,147	851	60	1,005	63	741	577	364	74	551	1,257	405	2,513	47
3	1,558	4,461	1,014	123	914	91	672	741	203	133	392	1,159	691	1,876	48
3	3,329	11,164	1,227	122	1,633	89	1,012	946	466	44	792	1,495	405	3,831	49
-	203	742	97	11	125	6	97	82	40	14	122	220	43	257	50

VITAL STATISTICS OF THE UNITED STATES

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	Maternity hospitals	Children's hospitals	Tubercu- losis hospitals
1 ALL CAUSES-----	1,445,370	763,799	681,571	582,565	541,525	2,453	3,922	15,878
2 Typhoid and paratyphoid fever-----1,2	325	90	235	226	214	-	8	-
3 Cerebrospinal (meningococcus) meningitis-----6	817	144	773	756	688	2	47	4
4 Scarlet fever-----8	107	45	62	60	46	-	2	1
5 Whooping cough-----9	1,854	1,139	815	769	696	1	30	4
6 Diphtheria-----10	799	296	503	487	451	-	11	5
7 Tuberculosis (all forms)-----13-22	48,064	15,193	32,871	28,108	13,605	2	121	13,952
8 Tuberculosis of respiratory system, etc.*-----13	44,462	14,284	30,168	25,590	11,451	1	45	13,721
9 Tuberculosis (other forms)-----14-22	3,602	889	2,703	2,518	2,154	1	76	231
10 Dysentery-----27	859	478	391	292	289	1	1	-
11 Malaria-----28	214	159	55	48	47	-	-	-
12 Syphilis-----30	12,871	3,295	9,576	5,194	4,986	4	6	147
13 Measles-----35	472	261	189	177	177	-	4	2
14 Poliomyelitis, poliomyelitis (acute)-----36	580	91	489	486	385	-	32	4
15 Cancer and other malignant tumors-----45-55	189,811	96,150	93,661	84,347	79,823	69	104	609
16 Cancer of the digestive organs and peritoneum-----46	85,121	41,505	41,616	37,830	36,371	25	15	158
17 Cancer of female genital organs-----48,49	23,286	13,014	10,272	9,135	8,546	23	2	33
18 Cancer of the breast-----50	18,030	10,622	7,408	6,355	5,836	11	-	30
19 Cancer (other sites)-----45,47,51-55	65,374	31,009	34,365	31,027	29,070	10	87	388
20 Acute rheumatic fever-----58	1,024	436	588	560	528	-	26	-
21 Diabetes mellitus-----61	37,515	17,640	19,875	17,896	17,397	9	13	33
22 Exophthalmic goiter-----63b	2,243	1,098	1,155	1,085	1,065	4	-	-
23 Pellagra (except alcoholic)-----69	728	522	176	126	123	-	-	-
24 Alcoholism (ethylish)-----77	2,249	1,526	723	605	516	3	2	2
25 Intracranial lesions of vascular origin-----83	131,039	78,201	52,838	42,681	40,261	21	31	85
26 Diseases of the heart-----90-95	460,580	302,171	158,409	122,937	116,787	81	100	391
27 Chronic rheumatic diseases of the heart-----90a,92b,c,93c,95b	23,867	13,453	10,414	9,238	8,908	8	50	26
28 Diseases of coronary arteries and angina pectoris-----94	164,131	113,353	104,778	35,297	34,249	24	7	84
29 Diseases of heart (other forms)-----90b,91,92a,d,e,93a,b,d,e,95a,c	282,582	175,365	107,217	78,022	73,630	49	43	281
30 Arteriosclerosis and high blood pressure*-----97,102	27,228	15,018	12,209	6,412	5,119	3	3	52
31 Pneumonia (all forms) and influenza-----107-109,33	61,636	28,823	33,013	27,125	25,686	84	426	97
32 Bronchopneumonia-----107	28,087	11,357	16,730	13,019	12,105	57	265	59
33 Lobar pneumonia-----108	20,272	9,830	11,442	9,872	9,530	17	73	26
34 Pneumonia (unspecified)-----109	5,813	3,093	2,720	2,453	2,358	5	45	10
35 Influenza-----33	7,664	5,543	2,121	1,781	1,703	5	35	2
36 Ulcer of stomach or duodenum-----117	8,611	2,044	6,567	6,286	6,213	4	10	15
37 Diarrhea, enteritis, etc.*-----119,120	8,069	2,824	5,245	4,957	4,481	34	386	13
38 Appendicitis-----121	4,786	423	4,363	4,245	4,191	4	22	4
39 Hernia and intestinal obstruction-----122	10,764	1,759	9,005	8,485	8,379	3	42	9
40 Cirrhosis of the liver-----124	14,940	5,807	9,133	8,608	8,424	4	11	15
41 Biliary calculi, etc.*-----126,127	6,308	1,116	5,192	5,025	4,987	4	3	2
42 Nephritis-----130-132	80,288	47,655	32,635	27,683	26,561	22	58	67
43 Diseases of the prostate-----137	7,092	1,789	5,303	5,065	4,968	2	-	9
44 Diseases of pregnancy, etc.*-----140-150	4,978	1,065	3,913	3,794	3,711	68	1	1
45 Puerperal septicemia-----140,142a,145A,147	1,591	357	1,234	1,200	1,175	19	-	-
46 Puerperal toxemia-----141a,c,144,148	1,340	243	1,097	1,063	1,044	16	-	-
47 Hemorrhage, trauma or shock*-----141b,142b,143,146,149	1,548	303	1,245	1,205	1,176	24	1	-
48 Other puerperal causes-----141d,e,f,145B,150	489	162	337	326	316	9	-	-
49 Congenital malformations-----157	20,315	4,881	15,434	14,866	13,433	309	936	2
50 Diseases peculiar to first year of life-----158-161	65,308	10,057	55,251	54,316	51,850	1,610	670	20
51 Premature birth-----159	41,053	5,977	35,076	34,468	33,019	999	353	15
52 Other diseases peculiar to first year of life-----158,160,161	24,255	4,080	20,175	19,828	18,831	611	317	5
53 Suicide-----163,164	16,538	13,036	3,502	3,098	2,866	-	-	21
54 Homicide-----165-168	6,535	5,327	3,228	3,118	3,044	3	2	2
55 Accidental deaths-----169-195	99,579	50,016	49,563	46,297	45,492	25	113	70
56 Motor-vehicle accidents-----170	32,697	15,853	16,844	16,514	16,355	9	22	23
57 Other accidents-----169,171-195	66,882	34,163	32,719	29,783	29,137	16	91	47
58 Senility, ill-defined and unknown causes-----162,189,200	27,556	22,943	4,713	3,059	2,741	9	20	12
59 All other causes-----	80,458	30,360	50,098	43,626	41,391	68	671	228

*Refer to International List for complete title, table II.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES :

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BY TYPE OF SERVICE AND CONTROL: UNITED STATES, 1947

after causes of death are International List numbers, 1938 revision)

TYPE OF SERVICE—Continued							TYPE OF CONTROL						
Nonresident institutions—Continued			Resident institutions				Not stated	Federal	State	County, city, city-county	Nonprofit	Proprietary	Not stated
Special and other nonresident hospitals	Convalescent, etc., homes	Other nonresident institutions	Total	Mental institutions	Other resident institutions								
7,885	10,173	728	80,446	47,866	32,780	18,580	25,262	64,474	161,005	277,627	134,613	18,180	1
4	-	-	8	6	2	1	5	26	64	96	43	1	2
33	1	1	4	4	-	13	34	49	228	303	146	13	3
9	-	-	1	1	-	1	-	2	17	26	16	1	4
85	1	-	2	-	2	24	14	44	307	256	169	25	5
40	-	-	5	5	-	11	8	28	218	154	84	11	6
293	124	11	4,556	4,099	457	207	3,498	8,195	15,252	4,209	1,510	207	7
247	118	9	4,400	3,862	418	178	3,268	7,854	14,254	3,420	1,194	178	8
46	6	2	156	117	39	29	230	341	998	789	316	29	9
-	1	-	91	87	4	8	12	90	76	105	92	8	10
-	-	1	5	5	-	2	1	7	13	22	10	2	11
108	34	7	4,105	3,778	327	77	865	3,720	2,065	1,846	783	77	12
6	-	-	17	15	2	5	17	21	43	86	39	5	13
64	1	-	1	-	-	2	17	38	183	192	57	2	14
2,230	1,473	39	6,841	2,104	4,737	2,473	5,452	4,536	19,984	43,364	17,948	2,477	15
664	583	14	2,724	818	1,906	1,062	2,081	1,741	8,433	19,924	8,394	1,063	16
325	200	6	832	258	574	305	87	527	2,172	5,058	2,122	306	17
275	197	6	757	267	490	296	69	565	1,575	3,789	1,533	297	18
966	493	13	2,528	761	1,767	810	3,235	1,905	7,904	14,613	5,899	811	19
5	1	-	23	17	6	5	14	56	90	295	127	5	20
188	250	6	1,492	715	777	487	566	1,076	4,409	9,343	4,192	489	21
8	7	1	52	29	23	18	14	65	180	641	237	18	22
1	2	-	39	30	9	11	3	34	43	49	36	11	23
29	12	43	99	77	22	19	26	72	325	177	104	19	24
539	1,708	36	7,498	3,248	4,240	2,669	1,096	3,826	12,846	20,646	11,862	2,572	25
1,805	3,603	172	29,694	16,298	13,396	5,778	4,729	17,805	39,241	59,048	31,700	5,786	26
95	151	2	905	398	505	273	498	617	2,391	4,590	2,045	273	27
321	548	64	4,263	2,207	2,056	1,218	1,350	2,555	7,490	18,932	9,229	1,222	28
1,389	2,904	106	24,528	13,893	10,835	4,287	2,881	14,733	29,560	35,526	20,426	4,281	29
257	572	6	5,502	3,877	1,626	684	121	3,894	2,736	2,590	2,174	684	30
325	430	59	5,048	3,727	1,321	840	1,213	4,116	8,540	12,125	6,178	841	31
213	269	31	3,265	2,490	773	448	611	2,684	4,471	5,632	2,883	449	32
88	114	24	1,332	959	363	238	556	1,059	3,157	4,348	2,104	238	33
11	22	2	194	133	61	75	56	223	484	1,227	647	73	34
11	25	2	269	135	124	81	10	150	418	918	544	81	35
21	18	5	219	144	75	62	344	278	1,315	3,318	1,250	62	36
27	15	1	226	191	35	62	153	343	1,359	2,272	1,056	82	37
19	4	1	54	40	14	64	91	114	638	2,237	1,218	65	38
33	28	1	410	300	110	100	176	507	1,615	4,562	2,045	100	39
87	50	17	396	163	205	137	689	367	2,635	5,831	1,474	137	40
17	11	1	112	80	32	55	80	167	742	2,985	1,163	55	41
249	716	10	3,745	1,662	2,083	1,205	1,355	2,217	6,888	13,894	7,071	1,208	42
28	38	-	175	78	97	63	101	246	1,090	2,772	1,031	63	43
10	5	-	27	24	3	92	53	164	686	1,898	1,020	92	44
5	-	-	9	8	1	25	15	56	228	581	329	25	45
2	1	-	6	6	-	28	12	49	198	510	300	28	46
2	2	-	4	2	2	36	23	37	203	625	320	36	47
1	-	-	8	8	-	3	3	22	57	181	71	3	48
133	67	5	324	261	43	225	204	778	2,120	6,467	3,640	225	49
50	105	11	70	21	49	865	736	1,505	9,107	29,434	13,603	866	50
30	64	8	39	10	29	549	438	961	6,160	18,588	8,379	550	51
20	41	3	31	11	20	316	298	544	2,947	10,846	5,224	316	52
59	11	121	334	240	94	70	115	318	1,090	1,246	663	70	53
22	1	44	67	28	39	43	83	219	1,243	1,034	606	43	54
308	233	55	2,428	1,663	745	638	1,056	2,856	12,539	21,583			

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
	ALL CAUSES-----All races, both sexes	1,445,370	119,173	7,357	4,326	3,275	2,651	136,782	6,463	7,272	13,997
	Male----	818,234	66,622	3,963	2,454	1,663	1,490	78,392	5,030	4,466	8,558
	Female----	627,136	50,551	3,394	1,872	1,612	1,161	58,390	3,433	2,806	5,439
	White-----Male----	726,104	57,180	3,149	2,011	1,557	1,250	65,147	4,242	3,634	6,672
	Female----	548,789	41,367	2,668	1,487	1,150	946	47,618	2,786	2,123	3,667
	Negro-----Male----	87,760	10,787	725	406	275	218	12,411	725	786	1,573
	Female----	76,021	6,633	653	341	237	197	10,061	596	637	1,501
	Other-----Male----	4,370	655	89	37	31	22	854	63	46	113
	Female----	2,326	551	73	44	25	18	711	51	41	71
	I.—Infectious and parasitic diseases-----	80,155	4,779	1,261	693	493	363	7,539	1,055	647	2,249
	White-----Male----	37,854	1,749	432	265	212	134	2,792	446	255	513
	Female----	20,633	1,493	470	244	162	123	2,492	379	261	659
	Negro-----Male----	11,641	744	148	75	57	49	1,073	86	121	346
	Female----	8,693	667	154	83	40	38	982	98	176	631
	Other-----Male----	826	58	30	16	16	11	151	23	14	54
	Female----	508	69	27	10	6	6	119	23	20	46
1	Typhoid fever-----	282	4	3	1	3	2	13	15	24	25
	White-----Male----	112	-	2	1	1	4	4	4	5	10
	Female----	82	2	-	-	1	1	4	6	5	6
	Negro-----Male----	43	1	-	-	1	1	3	2	4	4
	Female----	40	1	1	-	-	2	2	3	8	5
	Other-----Male----	3	-	-	-	-	-	-	-	1	-
	Female----	2	-	-	-	-	-	-	-	1	-
2	Paratyphoid fever-----	43	15	-	-	-	-	15	-	-	1
	White-----Male----	24	8	-	-	-	-	8	-	-	1
	Female----	12	3	-	-	-	-	3	-	-	-
	Negro-----Male----	4	2	-	-	-	-	2	-	-	-
	Female----	3	2	-	-	-	-	2	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
3	Plague-----	1	-	-	-	-	-	-	-	1	-
	White-----Male----	1	-	-	-	-	-	-	-	1	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Negro-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
4	Cholera-----	-	-	-	-	-	-	-	-	-	-
	White-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Negro-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
5	Undulant fever (brucellosis)-----	58	1	-	-	1	-	2	-	1	3
	White-----Male----	33	-	-	-	-	-	-	-	-	2
	Female----	16	1	-	-	1	-	2	-	-	1
	Negro-----Male----	6	-	-	-	-	-	-	-	1	-
	Female----	3	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
6	Cerebrospinal (meningococcus) meningitis-----	917	281	108	62	33	27	511	62	37	51
	White-----Male----	441	140	47	33	16	15	251	27	14	22
	Female----	343	108	45	20	13	12	196	23	16	19
	Negro-----Male----	79	21	10	3	3	-	37	6	4	6
	Female----	49	10	6	5	1	-	22	5	3	2
	Other-----Male----	4	2	-	-	-	-	2	1	-	-
	Female----	1	-	-	1	-	-	1	-	-	-
7	Anthrax (infection by Bacillus anthracis)-----	3	-	-	-	-	-	-	-	-	-
	White-----Male----	2	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Negro-----Male----	1	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
8	Scarlet fever-----	107	6	3	8	5	5	30	25	19	14
	White-----Male----	59	4	4	1	6	5	20	9	11	8
	Female----	39	3	1	2	2	-	8	15	4	5
	Negro-----Male----	3	-	-	-	-	-	-	-	3	-
	Female----	4	1	1	-	-	-	2	-	-	1
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female----	2	-	-	-	-	-	-	1	-	-
9	Whooping cough-----	1,954	1,481	278	98	37	17	1,911	31	6	3
	White-----Male----	643	509	74	25	9	7	624	13	3	2
	Female----	684	511	107	43	6	4	671	8	2	1
	Negro-----Male----	281	217	37	12	10	1	277	4	-	-
	Female----	307	217	54	16	11	4	302	4	1	-
	Other-----Male----	12	5	4	1	-	1	11	1	-	-
	Female----	27	22	2	1	1	-	26	1	-	-
10	Diphtheria (infection by C. diphtheriae)-----	799	59	107	109	89	69	450	189	56	15
	White-----Male----	353	29	49	46	40	30	194	88	22	7
	Female----	320	10	37	43	39	43	172	79	28	6
	Negro-----Male----	54	8	11	9	5	6	39	9	2	-
	Female----	65	10	8	10	4	9	41	13	4	1
	Other-----Male----	3	-	-	1	-	-	1	-	-	1
	Female----	4	1	2	-	-	-	3	-	-	-
11	Erysipelas-----	82	12	1	-	-	-	13	-	-	-
	White-----Male----	36	3	-	-	-	-	3	-	-	-
	Female----	37	4	1	-	-	-	5	-	-	-
	Negro-----Male----	3	2	-	-	-	-	2	-	-	-
	Female----	4	2	-	-	-	-	2	-	-	-
	Other-----Male----	2	1	-	-	-	-	1	-	-	-
	Female----	-	-	-	-	-	-	-	-	-	-
12	Tetanus-----	511	144	7	9	16	15	191	63	39	16
	White-----Male----	197	38	1	3	9	5	56	27	17	5
	Female----	108	26	4	2	3	2	37	20	9	3
	Negro-----Male----	120	45	-	3	2	5	55	9	7	6
	Female----	79	33	2	1	1	3	40	7	6	2
	Other-----Male----	4	1	-	-	-	-	1	-	-	-
	Female----	3	1	-	-	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
13-22	I.—Infectious and parasitic diseases—Con.										
	Tuberculosis (all forms)	48,064	370	318	185	133	98	1,099	226	373	1,720
	White—Male	23,167	136	101	53	49	28	377	57	63	296
	Female	11,616	127	106	50	44	20	347	65	87	468
	Negro—Male	6,794	39	37	29	13	22	140	31	73	289
	Female	5,487	40	46	29	11	11	137	37	123	570
	Other—Male	634	17	15	9	12	9	62	19	12	52
	Female	376	11	11	5	4	5	36	17	15	45
13	Tuberculosis of respiratory system, etc.*	44,462	146	111	61	50	37	405	93	257	1,527
	White—Male	21,871	89	40	15	15	5	134	21	35	249
	Female	10,633	51	29	21	14	6	121	24	58	420
	Negro—Male	6,134	18	15	7	6	13	59	8	51	251
	Female	4,963	12	18	10	7	6	53	18	98	524
	Other—Male	553	3	8	6	7	5	29	11	7	48
	Female	308	3	1	2	1	2	9	11	6	37
14	Tuberculosis of meninges, etc.*	977	124	146	77	52	37	436	79	52	51
	White—Male	327	49	42	28	25	13	187	20	13	11
	Female	277	35	57	22	16	10	142	26	15	19
	Negro—Male	161	9	12	9	3	7	40	10	14	5
	Female	136	13	21	12	1	2	49	11	5	12
	Other—Male	42	12	6	3	3	4	28	6	2	3
	Female	34	6	8	3	2	1	20	6	3	1
15	Tuberculosis of intestines and peritoneum	478	8	2	2	1	6	19	10	13	34
	White—Male	134	-	1	1	-	3	5	4	3	2
	Female	127	4	1	-	-	1	6	3	2	8
	Negro—Male	99	-	-	-	-	-	-	2	2	10
	Female	104	3	-	1	-	-	4	1	6	11
	Other—Male	5	-	-	-	1	-	1	-	-	1
	Female	9	1	-	-	-	2	3	-	-	2
16	Tuberculosis of vertebral column	433	1	-	11	3	1	16	15	14	28
	White—Male	171	1	-	2	-	1	4	2	3	8
	Female	122	-	-	3	3	-	6	5	2	5
	Negro—Male	71	-	-	4	-	-	4	5	2	8
	Female	57	-	-	2	-	-	2	3	5	5
	Other—Male	10	-	-	-	-	-	-	-	1	1
	Female	2	-	-	-	-	-	-	-	1	1
17	Tuberculosis of bones and joints, etc.*	153	-	-	-	-	-	-	6	4	6
	White—Male	76	-	-	-	-	-	-	2	4	3
	Female	31	-	-	-	-	-	-	2	-	-
	Negro—Male	27	-	-	-	-	-	-	-	-	2
	Female	14	-	-	-	-	-	-	2	-	-
	Other—Male	2	-	-	-	-	-	-	-	-	1
	Female	3	-	-	-	-	-	-	-	-	-
18	Tuberculosis of skin, etc.*	18	-	-	-	-	-	-	-	-	2
	White—Male	6	-	-	-	-	-	-	-	-	1
	Female	6	-	-	-	-	-	-	-	-	-
	Negro—Male	3	-	-	-	-	-	-	-	-	1
	Female	3	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
19	Tuberculosis of lymphatic system, etc.*	75	2	-	1	-	-	3	-	3	1
	White—Male	28	-	-	1	-	-	1	-	-	-
	Female	27	1	-	-	-	-	1	-	1	-
	Negro—Male	7	-	-	-	-	-	-	-	1	-
	Female	11	1	-	-	-	-	1	-	1	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	1
20	Tuberculosis of genito-urinary system	358	-	-	-	-	-	-	2	5	8
	White—Male	192	-	-	-	-	-	-	-	2	6
	Female	116	-	-	-	-	-	-	1	1	1
	Negro—Male	23	-	-	-	-	-	-	-	-	-
	Female	19	-	-	-	-	-	-	-	1	1
	Other—Male	7	-	-	-	-	-	-	1	1	-
	Female	1	-	-	-	-	-	-	-	-	-
21	Tuberculosis of other organs	93	-	-	-	1	-	1	-	1	2
	White—Male	44	-	-	-	1	-	1	-	-	-
	Female	25	-	-	-	-	-	-	-	-	-
	Negro—Male	13	-	-	-	-	-	-	-	1	2
	Female	8	-	-	-	-	-	-	-	-	-
	Other—Male	1	-	-	-	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	-
22	Disseminated tuberculosis	1,017	89	57	33	26	14	219	21	24	61
	White—Male	27	18	16	8	6	6	75	8	3	17
	Female	252	36	19	4	9	3	71	4	8	14
	Negro—Male	246	12	10	9	4	2	37	6	2	10
	Female	172	11	7	4	3	3	28	2	7	17
	Other—Male	14	2	1	-	1	-	4	1	1	-
	Female	15	1	2	-	1	-	4	-	3	3
23	Leprosy	16	-	-	-	-	-	-	-	-	-
	White—Male	5	-	-	-	-	-	-	-	-	-
	Female	6	-	-	-	-	-	-	-	-	-
	Negro—Male	2	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
24	Septicemia and purulent infection (nonpuerperal)	520	105	14	11	9	4	143	21	17	20
	White—Male	235	45	5	7	7	-	64	8	10	6
	Female	185	46	6	4	1	2	59	10	6	6
	Negro—Male	41	4	2	-	-	2	8	1	1	3
	Female	56	9	-	-	1	-	10	2	-	5
	Other—Male	1	-	-	-	-	-	-	-	-	-
	Female	2	1	1	-	-	-	2	-	-	-
25	Genococcus infection	108	6	-	-	-	1	7	-	1	4
	White—Male	12	1	-	-	-	-	1	-	-	2
	Female	24	-	-	-	-	-	-	-	-	1
	Negro—Male	14	3	-	-	-	-	3	-	-	1
	Female	56	1	-	-	-	-	1	-	1	1
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	2	1	-	-	-	1	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
I.—Infectious and parasitic diseases—Con.											
26	Other diseases due to bacteria (except dysentery)---	58	-	1	2	1	-	4	-	1	3
	White-----Male----	27	-	-	1	-	-	1	-	-	2
	Female-----	8	-	-	-	-	-	-	-	-	-
	Negro-----Male----	15	-	1	-	-	-	1	-	-	1
	Female-----	8	-	-	1	1	-	2	-	1	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
27	Dysentery-----	869	425	50	19	15	6	513	11	6	9
	White-----Male----	399	201	19	11	8	3	242	6	2	5
	Female-----	292	150	22	7	3	1	193	3	2	2
	Negro-----Male----	92	37	4	-	3	-	44	1	1	1
	Female-----	86	25	2	1	1	2	29	1	1	1
	Other-----Male----	15	7	2	-	-	-	9	-	-	-
	Female-----	7	5	1	-	-	-	6	-	-	-
28	Malaria-----	214	9	6	3	3	2	25	9	3	6
	White-----Male----	87	4	2	-	1	1	8	3	1	2
	Female-----	35	2	-	1	-	1	5	2	1	2
	Negro-----Male----	45	2	3	1	1	-	7	1	2	2
	Female-----	51	1	1	1	-	-	3	2	2	2
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
29	Other diseases due to parasitic protozoa, etc.*	37	11	3	-	-	1	16	-	1	-
	White-----Male----	18	2	3	-	-	-	5	-	-	-
	Female-----	14	7	-	-	1	1	9	-	1	-
	Negro-----Male----	4	2	-	-	-	-	2	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
30	Syphilis (all forms)-----	12,671	517	17	4	6	1	545	10	26	55
	White-----Male----	6,172	84	3	1	2	1	91	3	6	16
	Female-----	1,995	84	5	2	1	-	92	1	9	16
	Negro-----Male----	2,988	185	5	-	2	-	190	1	5	7
	Female-----	1,587	141	3	1	1	-	146	4	4	15
	Other-----Male----	84	14	1	-	-	-	15	-	3	1
	Female-----	35	11	-	-	-	-	11	-	2	-
30a	Locomotor ataxia (tabes dorsalis)-----	455	-	-	-	-	-	-	-	-	-
	White-----Male----	326	-	-	-	-	-	-	-	-	-
	Female-----	69	-	-	-	-	-	-	-	-	-
	Negro-----Male----	40	-	-	-	-	-	-	-	-	-
	Female-----	16	-	-	-	-	-	-	-	-	-
	Other-----Male----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
30b	General paralysis of insane-----	3,537	-	-	-	-	-	-	-	6	13
	White-----Male----	1,795	-	-	-	-	-	-	-	2	5
	Female-----	563	-	-	-	-	-	-	-	2	4
	Negro-----Male----	873	-	-	-	-	-	-	-	1	1
	Female-----	276	-	-	-	-	-	-	-	1	3
	Other-----Male----	26	-	-	-	-	-	-	-	-	-
	Female-----	4	-	-	-	-	-	-	-	1	-
30d	Aneurysm of aorta-----	3,465	-	-	-	-	-	-	-	-	2
	White-----Male----	2,009	-	-	-	-	-	-	-	-	2
	Female-----	512	-	-	-	-	-	-	-	-	-
	Negro-----Male----	681	-	-	-	-	-	-	-	-	-
	Female-----	239	-	-	-	-	-	-	-	-	-
	Other-----Male----	23	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
30e	Congenital syphilis-----	605	506	14	3	4	1	528	7	14	20
	White-----Male----	109	83	3	1	-	1	88	1	3	5
	Female-----	112	83	5	2	1	-	91	1	4	2
	Negro-----Male----	196	181	3	-	2	-	188	1	4	2
	Female-----	161	136	2	-	1	-	139	4	2	1
	Other-----Male----	14	13	1	-	-	-	14	-	-	-
	Female-----	13	10	-	-	-	-	10	-	1	-
30c,e,g	Syphilis (other forms)-----	4,611	11	3	1	2	-	17	3	6	30
	White-----Male----	1,933	1	-	-	2	-	3	2	1	4
	Female-----	739	1	-	-	-	-	1	1	2	10
	Negro-----Male----	1,199	2	2	-	-	-	4	-	1	4
	Female-----	695	5	1	1	-	-	7	-	1	11
	Other-----Male----	29	1	-	-	-	-	1	-	1	-
	Female-----	17	1	-	-	-	-	1	-	-	1
31	Relapsing fever-----	1	-	-	-	-	-	-	-	-	-
	White-----Male----	1	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
	Negro-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
32	Other diseases due to spirochetes-----	415	25	7	2	3	2	39	11	10	19
	White-----Male----	211	10	3	1	2	1	17	4	4	5
	Female-----	151	8	3	1	1	-	13	4	4	4
	Negro-----Male----	30	4	1	-	-	-	5	2	1	1
	Female-----	20	2	-	-	-	1	3	1	1	1
	Other-----Male----	3	1	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
33	Influenza-----	7,664	1,065	173	86	50	30	1,404	89	70	84
	White-----Male----	3,047	416	61	33	18	12	540	43	23	35
	Female-----	2,978	529	62	30	21	11	453	29	23	25
	Negro-----Male----	795	153	27	10	6	3	199	10	7	12
	Female-----	805	154	18	13	5	4	194	6	10	14
	Other-----Male----	18	7	2	-	-	-	9	-	-	-
	Female-----	21	6	3	-	-	-	9	1	1	-
34	Smallpox-----	5	-	1	-	-	-	1	-	-	-
	White-----Male----	2	-	-	-	-	-	-	-	-	-
	Female-----	2	-	1	-	-	-	1	-	-	-
	Negro-----Male----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-

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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-----	472	116	89	45	35	23	508	76	25	10
	White-----Male-----	176	50	28	16	13	5	112	52	8	3
	White-----Female-----	199	37	41	18	12	11	119	37	12	6
	Negro-----Male-----	27	10	3	3	5	5	24	2	1	-
	Negro-----Female-----	34	11	5	2	2	1	21	2	4	1
	Other-----Male-----	17	2	6	4	3	1	16	1	-	-
	Other-----Female-----	19	6	6	2	-	2	16	2	-	-
36	Poliomyelitis and polioencephalitis (acute)-----	590	29	23	19	14	13	98	107	77	85
	White-----Male-----	317	16	9	7	7	4	43	69	56	42
	White-----Female-----	218	6	7	11	5	6	35	53	50	36
	Negro-----Male-----	23	2	3	-	2	-	9	2	5	3
	Negro-----Female-----	19	5	3	-	-	1	9	3	3	2
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	3	-	1	1	-	-	2	-	1	-
37	Acute infectious encephalitis (lethargic)-----	630	33	16	12	11	9	81	19	9	15
	White-----Male-----	346	16	5	4	10	6	43	9	3	7
	White-----Female-----	244	12	8	6	-	3	29	7	6	5
	Negro-----Male-----	24	3	1	1	-	-	6	-	-	1
	Negro-----Female-----	13	-	2	1	-	-	3	2	-	2
	Other-----Male-----	5	-	-	-	-	-	-	1	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
38	Other diseases due to filtrable viruses-----	144	36	14	8	6	3	67	26	5	1
	White-----Male-----	80	19	9	4	5	2	39	14	1	1
	White-----Female-----	43	9	5	-	1	-	15	8	3	-
	Negro-----Male-----	13	4	-	2	-	-	6	2	1	-
	Negro-----Female-----	7	1	-	1	-	1	3	2	-	-
	Other-----Male-----	3	2	-	1	-	-	3	-	-	-
	Other-----Female-----	1	1	-	-	-	-	1	-	-	-
39	Typhus fever and typhus-like diseases-----	224	2	1	5	6	6	20	20	12	6
	White-----Male-----	123	1	1	1	3	2	8	4	8	2
	White-----Female-----	62	-	-	3	2	4	9	14	2	2
	Negro-----Male-----	20	-	-	-	-	-	-	1	3	2
	Negro-----Female-----	18	1	-	1	-	-	2	1	1	-
	Other-----Male-----	1	-	-	-	1	-	1	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
40	Ankylostomiasis-----	9	-	1	1	-	-	2	-	2	-
	White-----Male-----	6	-	-	1	-	-	1	-	1	-
	White-----Female-----	1	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	1	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	1	-	1	-	-	-	1	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
41	Eydatid disease-----	15	-	-	-	-	-	-	-	-	-
	White-----Male-----	10	-	-	-	-	-	-	-	-	-
	White-----Female-----	5	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	-	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
42	Other diseases caused by helminths-----	51	2	6	3	6	4	21	8	1	2
	White-----Male-----	13	-	1	1	1	1	4	3	-	-
	White-----Female-----	21	1	2	-	2	1	6	2	1	1
	Negro-----Male-----	10	-	2	2	2	1	7	1	-	1
	Negro-----Female-----	6	-	1	1	1	1	3	2	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	1	1	-	-	-	-	1	-	-	-
43	Mycoses-----	331	18	5	1	-	-	24	3	1	8
	White-----Male-----	170	9	1	-	-	-	10	2	1	3
	White-----Female-----	113	7	5	-	-	-	12	1	-	2
	Negro-----Male-----	29	1	-	-	-	-	1	-	-	1
	Negro-----Female-----	15	1	-	-	-	-	1	-	-	2
	Other-----Male-----	4	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
44	Other infectious and parasitic diseases-----	2,500	8	8	5	8	9	38	35	25	84
	White-----Male-----	1,330	6	5	4	5	6	26	21	16	33
	White-----Female-----	785	-	2	1	2	-	5	11	4	42
	Negro-----Male-----	91	1	1	-	1	3	6	1	2	4
	Negro-----Female-----	86	1	-	-	-	-	1	1	3	4
	Other-----Male-----	5	-	-	-	-	-	-	-	-	1
	Other-----Female-----	1	-	-	-	-	-	-	1	-	-
II.—Cancer and other tumors-----											
	White-----Male-----	91,238	52	79	111	94	81	407	285	227	306
	White-----Female-----	11,447	44	64	68	74	52	332	192	149	207
	Negro-----Male-----	6,135	6	6	11	10	6	39	16	17	30
	Negro-----Female-----	8,241	6	9	7	5	13	39	20	35	38
	Other-----Male-----	380	-	-	-	-	-	-	1	-	-
	Other-----Female-----	183	-	1	-	-	-	1	1	1	-
45-55	Cancer and other malignant tumors-----	189,811	108	128	164	151	129	680	398	335	462
	White-----Male-----	87,321	52	59	94	76	69	350	223	179	246
	White-----Female-----	88,455	44	57	56	63	42	262	151	123	162
	Negro-----Male-----	5,899	6	5	7	8	6	32	15	11	25
	Negro-----Female-----	7,587	6	6	7	4	12	35	9	21	29
	Other-----Male-----	372	-	-	-	-	-	-	1	-	-
	Other-----Female-----	177	-	1	-	-	-	1	1	1	-
45	Cancer of buccal cavity and pharynx-----	5,583	1	1	-	1	4	7	14	5	8
	White-----Male-----	4,207	-	-	-	-	2	2	9	2	4
	White-----Female-----	1,048	1	1	-	1	2	5	5	2	3
	Negro-----Male-----	214	-	-	-	-	-	-	-	1	1
	Negro-----Female-----	96	-	-	-	-	-	-	-	-	-
	Other-----Male-----	18	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
45a	Cancer of lip-----	598	-	-	-	-	-	-	-	-	-
	White-----Male-----	536	-	-	-	-	-	-	-	-	-
	White-----Female-----	52	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	8	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	2	-	-	-	-	-	-	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-

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VITAL STATISTICS OF THE UNITED STATES

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(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-----	1,561	1	-	-	-	-	1	1	-	-
	White-----Male-----	1,036	-	-	-	-	-	-	-	-	-
	Female-----	245	1	-	-	-	-	1	1	-	-
	Negro-----Male-----	63	-	-	-	-	-	-	-	-	-
	Female-----	14	-	-	-	-	-	-	-	-	-
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
45c	Cancer of mouth-----	782	-	-	-	-	-	-	-	-	2
	White-----Male-----	559	-	-	-	-	-	-	-	-	1
	Female-----	158	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	37	-	-	-	-	-	-	-	-	1
	Female-----	24	-	-	-	-	-	-	-	-	-
	Other-----Male-----	4	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
45d	Cancer of jaw bone-----	896	-	1	-	-	2	3	4	-	1
	White-----Male-----	620	-	-	-	-	1	1	1	-	-
	Female-----	223	-	1	-	-	1	2	3	-	1
	Negro-----Male-----	34	-	-	-	-	-	-	-	-	-
	Female-----	17	-	-	-	-	-	-	-	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
45e	Cancer of unspecified parts of buccal cavity-----	98	-	-	-	-	-	-	-	1	-
	White-----Male-----	66	-	-	-	-	-	-	-	-	-
	Female-----	27	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	4	-	-	-	-	-	-	-	1	-
	Female-----	1	-	-	-	-	-	-	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
45f	Cancer of pharynx-----	1,948	-	-	-	1	2	3	9	4	5
	White-----Male-----	1,390	-	-	2	-	1	1	8	2	3
	Female-----	343	-	-	-	1	1	2	1	2	2
	Negro-----Male-----	68	-	-	-	-	-	-	-	-	-
	Female-----	38	-	-	-	-	-	-	-	-	-
	Other-----Male-----	9	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
46	Cancer of digestive organs and peritoneum-----	83,121	19	12	11	13	16	73	35	34	58
	White-----Male-----	42,240	10	6	6	9	13	44	26	27	40
	Female-----	35,173	7	5	4	4	3	23	6	5	12
	Negro-----Male-----	3,053	2	-	-	-	1	3	2	1	3
	Female-----	2,354	-	1	1	-	1	3	1	1	4
	Other-----Male-----	236	-	-	-	-	-	-	-	-	-
	Female-----	65	-	-	-	-	-	-	-	-	-
46a	Cancer of esophagus-----	3,489	-	-	-	-	-	-	-	-	-
	White-----Male-----	2,300	-	-	-	-	-	-	-	-	-
	Female-----	721	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	303	-	-	-	-	-	-	-	-	-
	Female-----	69	-	-	-	-	-	-	-	-	-
	Other-----Male-----	16	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
46b	Cancer of stomach-----	25,967	-	1	3	-	-	4	-	4	6
	White-----Male-----	14,815	-	1	1	-	-	2	-	4	4
	Female-----	8,805	-	-	1	-	-	1	-	-	-
	Negro-----Male-----	1,359	-	-	-	-	-	-	-	-	1
	Female-----	829	-	-	1	-	-	1	-	-	1
	Other-----Male-----	121	-	-	-	-	-	-	-	-	-
	Female-----	38	-	-	-	-	-	-	-	-	-
46c	Cancer of duodenum-----	352	-	-	-	-	-	-	-	-	-
	White-----Male-----	174	-	-	-	-	-	-	-	-	-
	Female-----	161	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	6	-	-	-	-	-	-	-	-	-
	Female-----	10	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
46d	Cancer of rectum and anus-----	10,428	1	-	-	-	-	1	-	1	4
	White-----Male-----	5,619	-	-	-	-	-	-	-	1	4
	Female-----	4,232	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	254	1	-	-	-	-	1	-	-	-
	Female-----	298	-	-	-	-	-	-	-	-	-
	Other-----Male-----	20	-	-	-	-	-	-	-	-	-
	Female-----	5	-	-	-	-	-	-	-	-	-
46e	Cancer of intestines, etc.*-----	22,555	1	-	2	5	3	11	14	14	20
	White-----Male-----	9,820	1	-	2	4	2	9	10	12	11
	Female-----	11,703	-	-	1	1	-	1	1	1	6
	Negro-----Male-----	467	-	-	-	-	1	1	2	1	1
	Female-----	531	-	-	-	-	-	-	1	-	2
	Other-----Male-----	27	-	-	-	-	-	-	-	-	-
	Female-----	7	-	-	-	-	-	-	-	-	-
46f	Cancer of liver and biliary passages-----	10,572	8	5	5	4	3	25	6	7	8
	White-----Male-----	4,237	5	2	2	3	2	14	4	5	5
	Female-----	5,639	2	3	3	1	1	10	2	2	1
	Negro-----Male-----	311	1	-	-	-	-	1	-	-	1
	Female-----	347	-	-	-	-	-	-	-	-	1
	Other-----Male-----	28	-	-	-	-	-	-	-	-	-
	Female-----	10	-	-	-	-	-	-	-	-	-
46g	Cancer of pancreas-----	7,587	3	-	-	-	-	3	2	-	1
	White-----Male-----	4,183	1	-	-	-	-	1	2	-	-
	Female-----	2,946	2	-	-	-	-	2	-	-	1
	Negro-----Male-----	248	-	-	-	-	-	-	-	-	-
	Female-----	193	-	-	-	-	-	-	-	-	-
	Other-----Male-----	14	-	-	-	-	-	-	-	-	-
	Female-----	3	-	-	-	-	-	-	-	-	-
46h	Cancer of mesentery and peritoneum-----	1,319	8	6	1	4	12	29	12	8	19
	White-----Male-----	655	3	3	1	2	9	18	9	5	15
	Female-----	576	3	2	-	2	2	9	3	2	4
	Negro-----Male-----	48	-	-	-	-	-	-	-	-	-
	Female-----	33	-	1	-	-	1	2	-	1	-
	Other-----Male-----	6	-	-	-	-	-	-	-	-	-
	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.	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
II.—Cancer and other tumors—Continued											
Cancer and other malignant tumors—Continued											
Cancer of digestive organs and peritoneum—Con.											
46a	Cancer of other and unspecified sites-----	852	-	-	-	-	-	-	1	-	1
	White-----Male-----	357	-	-	-	-	-	-	1	-	1
	Female-----	390	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	57	-	-	-	-	-	-	-	-	-
	Female-----	44	-	-	-	-	-	-	-	-	-
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
47	Cancer of respiratory system-----	17,519	2	4	7	2	4	19	15	19	35
	White-----Male-----	12,947	1	1	4	-	1	7	9	18	24
	Female-----	5,365	1	2	3	2	3	11	5	3	9
	Negro-----Male-----	739	-	-	-	-	-	-	-	-	1
	Female-----	208	-	1	-	-	-	1	-	-	1
	Other-----Male-----	52	-	-	-	-	-	-	1	-	-
	Female-----	8	-	-	-	-	-	-	-	-	-
47a	Cancer of larynx-----	1,872	-	-	-	-	-	-	-	-	-
	White-----Male-----	1,564	-	-	-	-	-	-	-	-	-
	Female-----	202	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	85	-	-	-	-	-	-	-	-	-
	Female-----	19	-	-	-	-	-	-	-	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
47b,c	Cancer of trachea and bronchus-----	5,166	-	-	-	-	-	-	-	-	2
	White-----Male-----	4,147	-	-	-	-	-	-	-	-	-
	Female-----	673	-	-	-	-	-	-	-	-	2
	Negro-----Male-----	273	-	-	-	-	-	-	-	-	-
	Female-----	52	-	-	-	-	-	-	-	-	-
	Other-----Male-----	19	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
47d	Cancer of lung-----	9,571	1	2	3	1	2	9	4	7	22
	White-----Male-----	6,772	-	-	2	-	-	2	2	5	18
	Female-----	2,276	1	1	1	1	2	6	2	2	3
	Negro-----Male-----	361	-	-	-	-	-	-	-	-	1
	Female-----	129	-	1	-	-	-	1	-	-	-
	Other-----Male-----	26	-	-	-	-	-	-	-	-	-
	Female-----	5	-	-	-	-	-	-	-	-	-
47e	Cancer of pleura-----	151	-	-	-	-	-	-	1	2	1
	White-----Male-----	94	-	-	-	-	-	-	1	1	1
	Female-----	52	-	-	-	-	-	-	-	1	-
	Negro-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
47f	Cancer of other respiratory organs-----	559	1	2	4	1	2	10	10	10	10
	White-----Male-----	370	1	1	2	-	1	5	6	10	5
	Female-----	180	-	1	2	1	1	5	3	-	4
	Negro-----Male-----	18	-	-	-	-	-	-	-	-	1
	Female-----	6	-	-	-	-	-	-	-	-	-
	Other-----Male-----	4	-	-	-	-	-	-	1	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
48	Cancer of uterus-----	17,455	-	1	-	1	-	2	-	3	4
	White-----Female-----	14,816	-	1	-	1	-	2	-	3	2
	Negro-----Female-----	2,586	-	-	-	-	-	-	-	-	2
	Other-----Female-----	53	-	-	-	-	-	-	-	-	-
48a	Cancer of cervix-----	7,978	-	1	-	-	-	1	-	1	1
	White-----Female-----	6,733	-	1	-	-	-	1	-	1	1
	Negro-----Female-----	1,222	-	-	-	-	-	-	-	-	-
	Other-----Female-----	23	-	-	-	-	-	-	-	-	-
48b	Cancer of other and unspecified sites of uterus-----	9,477	-	-	-	1	-	1	-	2	3
	White-----Female-----	8,083	-	-	-	1	-	1	-	2	1
	Negro-----Female-----	1,364	-	-	-	-	-	-	-	-	2
	Other-----Female-----	30	-	-	-	-	-	-	-	-	-
49	Cancer of other female genital organs-----	5,831	-	-	1	3	-	4	4	6	28
	White-----Female-----	5,513	-	-	1	3	-	4	4	6	23
	Negro-----Female-----	308	-	-	-	-	-	-	-	-	5
	Other-----Female-----	10	-	-	-	-	-	-	-	-	-
49a,b	Cancer of ovary, fallopian tube, and parametrium-----	5,059	-	-	1	1	-	2	4	6	28
	White-----Female-----	4,803	-	-	1	1	-	2	4	6	23
	Negro-----Female-----	250	-	-	-	-	-	-	-	-	5
	Other-----Female-----	6	-	-	-	-	-	-	-	-	-
49c-e	Cancer of other female genital organs-----	772	-	-	-	2	-	2	-	-	-
	White-----Female-----	710	-	-	-	2	-	2	-	-	-
	Negro-----Female-----	58	-	-	-	-	-	-	-	-	-
	Other-----Female-----	4	-	-	-	-	-	-	-	-	-
50	Cancer of breast-----	18,030	-	-	-	1	1	2	-	-	4
	White-----Male-----	182	-	-	-	-	-	-	-	-	-
	Female-----	16,678	-	-	-	1	1	2	-	-	3
	Negro-----Male-----	21	-	-	-	-	-	-	-	-	-
	Female-----	1,118	-	-	-	-	-	-	-	-	1
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	21	-	-	-	-	-	-	-	-	-
51	Cancer of male genital organs-----	12,013	-	3	5	2	1	11	3	3	19
	White-----Male-----	11,069	-	3	4	2	1	10	3	3	17
	Negro-----Male-----	931	-	-	1	-	-	1	-	-	1
	Other-----Male-----	13	-	-	-	-	-	-	-	-	-
51b	Cancer of prostate-----	11,050	-	1	2	1	-	4	1	-	2
	White-----Male-----	10,203	-	1	2	1	-	4	1	-	2
	Negro-----Male-----	837	-	-	-	-	-	-	-	-	-
	Other-----Male-----	10	-	-	-	-	-	-	-	-	-
51a,c-e	Cancer of other male genital organs-----	965	-	2	3	1	1	7	2	3	16
	White-----Male-----	866	-	2	2	1	1	6	2	3	15
	Negro-----Male-----	94	-	-	1	-	-	1	-	-	1
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
52	Cancer of urinary organs-----	9,334	17	32	33	43	28	153	56	6	8
	White-----Male-----	5,776	11	11	20	21	16	79	23	3	3
	Female-----	3,054	3	17	11	17	8	56	27	3	5
	Negro-----Male-----	272	-	1	2	2	1	6	2	1	-
	Female-----	217	3	2	-	3	3	11	4	1	-
	Other-----Male-----	12	-	-	-	-	-	-	-	-	-
	Female-----	3	-	1	-	-	-	1	-	-	-

GENERAL TABLES—DEATHS FROM EACH CAUSE

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.
3	2	5	18	16	37	85	79	98	121	156	119	84	40	7	-	-	-	46a
3	2	1	7	5	13	26	30	46	53	65	55	32	16	1	-	-	-	-
-	-	2	6	7	15	25	32	44	53	76	58	50	20	4	-	-	-	-
-	-	2	3	3	5	9	5	4	10	7	5	1	2	1	-	-	-	-
-	-	-	2	1	6	5	11	4	4	8	1	1	1	1	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
53	95	140	518	727	1,289	2,249	2,947	3,101	2,607	1,857	1,172	477	163	25	4	2	5	47
35	61	86	190	531	917	1,747	2,342	2,492	1,995	1,320	765	297	91	16	2	1	3	-
15	26	33	86	113	239	335	443	459	514	459	371	164	68	8	2	1	1	-
2	6	16	30	58	98	125	130	110	76	51	22	9	3	1	-	-	1	-
1	2	5	9	21	29	36	23	26	16	22	10	6	1	-	-	-	-	-
-	-	-	2	4	4	6	7	13	5	4	-	-	-	-	-	-	-	-
-	-	-	-	-	2	-	2	1	1	-	-	1	-	-	-	-	-	-
1	2	7	17	53	95	130	278	317	329	265	197	89	34	7	1	-	-	47a
1	-	3	10	38	77	148	243	274	284	219	189	70	23	4	1	-	-	-
-	1	2	3	8	7	18	20	30	31	30	25	14	10	3	-	-	-	-
-	1	1	4	5	9	11	14	12	10	12	2	3	1	-	-	-	-	-
-	-	1	-	2	2	3	1	-	4	4	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
7	20	35	98	243	432	805	974	960	731	460	246	113	33	5	2	2	2	47b,c
6	18	21	66	184	336	681	818	794	599	364	153	74	17	4	1	1	1	-
1	1	8	16	18	52	62	94	108	106	78	77	34	14	1	1	1	1	-
-	-	1	11	24	34	50	57	44	21	12	9	4	1	-	-	-	-	-
-	-	1	5	6	8	7	3	9	2	3	6	1	-	-	-	-	-	-
-	-	-	1	1	1	3	1	5	3	3	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	57	82	173	389	719	1,186	1,581	1,724	1,460	1,068	700	253	89	13	2	3	3	47a
17	35	51	92	271	475	864	1,194	1,358	1,052	704	430	143	48	8	-	2	2	-
11	16	19	60	74	171	232	310	292	351	324	254	105	39	4	2	1	1	-
1	5	9	14	29	52	62	54	51	44	24	11	2	1	1	-	-	-	-
1	1	3	4	15	17	25	16	17	10	14	4	3	1	-	-	-	-	-
-	-	-	2	2	3	5	6	5	2	2	1	-	-	-	-	-	-	-
-	-	-	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-
2	4	2	6	11	13	21	22	17	21	16	6	6	3	-	-	-	-	47e
-	3	2	4	6	10	13	14	10	14	8	2	3	-	-	-	-	-	-
-	1	-	1	4	2	8	6	7	7	8	4	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	12	14	24	31	30	59	92	83	66	49	23	16	7	-	1	-	-	47f
9	5	9	18	22	19	41	73	56	46	25	11	7	2	-	1	-	-	-
3	7	4	6	9	7	15	13	22	19	19	11	8	5	-	-	-	-	-
-	-	-	-	-	3	2	4	3	1	3	-	-	-	-	-	-	-	-
-	-	-	-	-	1	1	2	-	1	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-
50	209	533	981	1,504	1,910	2,124	2,284	2,137	1,953	1,618	1,149	647	273	70	14	4	6	48
39	144	395	731	1,171	1,551	1,741	1,955	1,873	1,733	1,484	1,046	605	259	67	11	1	3	-
11	64	136	242	327	374	374	301	260	132	100	42	13	3	3	3	3	3	-
-	1	2	8	6	6	9	8	4	-3	2	3	-	-	-	-	-	-	-
27	133	346	597	904	1,020	1,059	1,042	875	755	537	387	200	70	14	3	2	4	48a
18	97	262	462	719	836	892	905	768	658	496	347	184	68	14	1	1	2	-
9	35	82	130	183	177	164	133	106	99	41	40	16	2	-	2	1	2	-
-	1	2	5	2	5	3	4	1	-	4	-	-	-	-	-	-	-	-
23	76	187	384	600	890	1,068	1,222	1,262	1,198	1,081	762	447	203	56	11	2	2	48b
21	47	133	289	452	713	849	1,050	1,105	1,077	988	699	421	191	53	10	1	1	-
-	28	54	112	144	176	210	168	154	118	91	60	26	11	3	1	2	1	-
-	-	-	3	4	1	6	4	3	3	2	3	-	-	-	-	-	-	-
44	66	147	217	406	632	814	854	602	710	527	327	165	76	17	3	-	2	49
38	52	125	199	362	585	780	790	761	688	513	324	164	75	17	2	-	1	-
6	13	21	10	42	46	34	44	39	21	12	3	1	1	1	-	-	1	-
-	1	1	2	2	1	1	2	2	1	2	-	-	-	-	-	-	-	-
43	60	138	206	372	598	755	748	720	601	400	227	103	39	6	1	-	2	49a,b
37	49	120	191	341	556	726	710	639	504	391	225	102	39	6	1	-	1	-
6	10	17	15	31	41	29	38	30	17	7	2	1	-	-	-	-	1	-
-	1	1	-	-	1	-	-	1	-	2	-	-	-	-	-	-	-	-
1	6	9	11	34	34	59	86	82	109	127	100	62	37	11	2	-	-	49c-e
1	3	5	8	21	29	54	80	72	104	122	99	62	36	11	1	-	-	-
-	3	4	3	11	5	5	6	9	4	5	1	-	-	1	1	-	-	-
-	-	-	-	2	-	-	-	1	1	-	-	-	-	-	-	-	-	-
16	85	353	746	1,296	1,790	2,168	2,232	2,211	2,046	1,913	1,489	975	519	145	22	9	9	50
-	-	2	3	8	5	13	22	28	35	27	24	16	7	1	1	-	-	-
13	74	298	651	1,149	1,621	1,989	2,054	2,068	1,907	1,819	1,429	936	497	138	17	7	6	-
3	-	-	1	2	5	2	2	5	1	1	1	1	1	1	1	-	-	-
-	11	52	91	153	157	160	151	109	101	66	35	22	13	4	2	3	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	1	5	5	1	3	1	2	-	-	-	-	1	1	-	-	-
84	105	100	100	125	126	261	606	1,165	1,844	2,439	2,468	1,587	771	153	11	5	8	51
82	101	96	85	109	95	215	488	1,029	1,669	2,375	2,375	1,528	743	145	9	3	6	-
2	4	4	15	16	31	66	117	135	173	177	92	56	27	6	2	2	2	-
-	-	-	-	-	-	-	1	1	2	4	1	3	1	-	-	-	-	-
3	4	5	6	40	80	224	547	1,098	1,776	2,368	2,422	1,547	754	149	10	4	6	51b
3	3	4	4	31	57	168	440	972	1,608	2,200	2,332	1,491	726	141	8	3	5	-
-	1	1	2	9	23	56	106	126	166	165	90	53	27	8	2	1	1	-
-	-	-	-	-	-	-	1	-	2	3	3	3	1	-	-	-	-	-
81	101	95	94	85	46	57	59	67	68	71	46	40	17	4	1	1	2	51a,c-e
79	98	92	81	78	38	47	48	57	61	58	43	37	17	4	1	-	1	-
2	3	3	13	7	9	10	11	9	7	12	2	3	-	-	-	-	1	-
-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
17	27	54	136	201	408	755	1,045	1,344	1,420	1,390	1,145	724	342	87	9	3	2	52
9	17	30	66	106	246	462	710	878	918	825	709	421	214	50	7	1	1	-
7	9	15	48	72	115	207	271	397	440	520	409	289	125	36	2	-	1	-
-	1	6	12	14	27	46	25	36	36	31	16	10	2	-	-	-	-	-
-	-	3	10	9	19	39	37	31	84	13	10							

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	3,209	15	31	33	41	27	147	55	8	8
	White—Male	1,859	9	11	20	20	15	75	23	3	3
	White—Female	1,198	3	17	11	16	8	55	27	3	5
	Negro—Male	75	-	-	2	2	1	5	2	1	-
	Negro—Female	72	3	2	-	3	3	11	3	1	-
	Other—Male	3	-	-	-	-	-	-	-	-	-
	Other—Female	2	-	1	-	-	-	-	-	-	-
52b	Cancer of bladder	6,015	2	1	-	1	1	5	1	-	-
	White—Male	3,869	2	-	-	-	1	3	-	-	-
	White—Female	1,802	-	-	-	1	-	1	-	-	-
	Negro—Male	191	-	1	-	-	-	-	-	-	-
	Negro—Female	144	-	-	-	-	-	-	1	-	-
	Other—Male	9	-	-	-	-	-	-	-	-	-
	Other—Female	-	-	-	-	-	-	-	-	-	-
52c	Cancer of other and unspecified sites	111	-	-	-	1	-	1	-	-	-
	White—Male	49	-	-	-	1	-	1	-	-	-
	White—Female	54	-	-	-	-	-	-	-	-	-
	Negro—Male	6	-	-	-	-	-	-	-	-	-
	Negro—Female	1	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Other—Female	1	-	-	-	-	-	-	-	-	-
53	Cancer of skin, etc.*	3,474	4	2	4	1	1	12	9	3	17
	White—Male	2,042	1	2	-	1	-	4	5	2	11
	White—Female	1,333	3	-	2	-	-	5	1	1	6
	Negro—Male	44	-	-	2	-	1	3	-	-	-
	Negro—Female	52	-	-	-	-	-	-	2	-	-
	Other—Male	3	-	-	-	-	-	-	-	-	-
	Other—Female	-	-	-	-	-	-	-	-	-	-
54	Cancer of central nervous system*	3,436	26	34	60	46	42	208	143	108	100
	White—Male	1,988	12	21	37	25	19	113	79	50	51
	White—Female	1,298	11	11	19	19	16	75	55	44	37
	Negro—Male	81	2	1	1	2	7	7	7	5	8
	Negro—Female	66	1	1	4	1	6	13	1	9	4
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Other—Female	1	-	-	-	-	-	-	1	-	-
55	Cancer of other and unspecified organs	14,215	39	39	45	59	30	189	120	146	161
	White—Male	6,860	17	15	23	18	18	91	69	76	96
	White—Female	6,177	19	20	17	15	9	79	48	56	62
	Negro—Male	544	2	3	1	5	1	12	2	3	11
	Negro—Female	582	2	1	2	-	2	7	1	10	12
	Other—Male	36	-	-	-	-	-	-	-	-	-
	Other—Female	16	-	-	-	-	-	-	-	1	-
56,57	Nonmalignant tumors and tumors of unspecified nature	5,783	-	30	33	22	23	108	97	92	114
	White—Male	1,917	-	20	17	9	12	57	42	48	54
	White—Female	2,992	-	7	12	11	10	40	41	26	45
	Negro—Male	205	-	1	4	2	-	7	3	6	5
	Negro—Female	654	-	2	-	1	1	4	11	12	10
	Other—Male	8	-	-	-	-	-	-	-	-	-
	Other—Female	6	-	-	-	-	-	-	-	-	-
56	Nonmalignant tumors (including dermoid cysts)	3,349	-	12	9	7	6	34	33	31	53
	White—Male	728	-	9	5	1	3	19	14	14	25
	White—Female	2,014	-	2	3	6	3	14	15	11	21
	Negro—Male	71	-	1	-	-	-	1	1	3	1
	Negro—Female	520	-	1	-	-	-	1	3	3	6
	Other—Male	4	-	-	-	-	-	-	-	-	-
	Other—Female	4	-	-	-	-	-	-	-	-	-
56a-c	Nonmalignant tumors of female genital organs	1,811	-	-	-	1	-	1	1	1	8
	White—Female	1,345	-	-	-	1	-	1	1	-	5
	Negro—Female	464	-	-	-	-	-	-	-	1	3
	Other—Female	2	-	-	-	-	-	-	-	-	-
56d	Nonmalignant tumors of central nervous system*	967	-	7	6	1	3	17	17	21	36
	White—Male	409	-	5	4	1	1	10	6	12	19
	White—Female	409	-	1	2	1	2	6	10	6	14
	Negro—Male	37	-	-	-	-	-	-	1	3	1
	Negro—Female	30	-	1	-	-	-	1	-	-	2
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Other—Female	1	-	-	-	-	-	-	-	-	-
56e	Nonmalignant tumors of other and unspecified organs	651	-	5	3	5	3	16	15	9	9
	White—Male	319	-	4	1	1	2	8	8	2	6
	White—Female	261	-	1	1	4	1	7	4	5	2
	Negro—Male	34	-	-	1	-	-	1	-	-	-
	Negro—Female	34	-	-	-	-	-	-	3	2	1
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Other—Female	1	-	-	-	-	-	-	-	-	-
57	Tumors of unspecified nature	2,434	-	18	24	15	17	74	64	61	61
	White—Male	1,169	-	11	12	7	9	39	28	34	29
	White—Female	978	-	5	9	5	7	26	26	15	24
	Negro—Male	135	-	1	3	2	-	8	2	3	4
	Negro—Female	126	-	1	-	1	1	3	6	9	4
	Other—Male	4	-	-	-	-	-	-	-	-	-
	Other—Female	2	-	-	-	-	-	-	-	-	-
57a-c	Tumors, female genital organs*	64	-	-	-	-	-	-	-	-	-
	White—Female	51	-	-	-	-	-	-	-	-	-
	Negro—Female	13	-	-	-	-	-	-	-	-	-
	Other—Female	-	-	-	-	-	-	-	-	-	-
57d	Tumors, central nervous system*	1,581	-	14	18	12	15	59	57	54	55
	White—Male	812	-	8	10	4	9	31	24	31	25
	White—Female	618	-	4	7	5	5	21	24	14	22
	Negro—Male	83	-	1	1	2	-	4	2	1	4
	Negro—Female	75	-	1	-	1	1	3	7	6	4
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Other—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											
Tumors of unspecified nature—Continued											
57e	Tumors, other organs*	779	-	4	6	3	2	15	7	7	6
	White—Male	377	-	3	2	3	-	8	4	3	4
	Female	309	-	1	2	-	2	5	2	1	2
	Negro—Male	52	-	-	2	-	-	2	-	2	-
	Female	58	-	-	-	-	-	-	1	1	-
	Other—Male	2	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-
	III.—Rheumatism, diseases of nutrition*	46,387	1,254	146	79	70	51	1,580	276	335	328
	White—Male	15,798	631	66	42	35	15	789	94	114	126
	Female	28,689	429	61	26	25	28	567	110	136	142
	Negro—Male	1,235	81	10	7	6	4	108	35	33	23
	Female	2,528	84	9	4	6	4	107	37	50	35
	Other—Male	77	4	-	-	-	-	4	-	1	2
	Female	60	5	-	-	-	-	5	-	1	-
58	Acute rheumatic fever	1,024	9	5	7	17	21	59	153	172	84
	White—Male	393	1	2	2	7	9	21	50	66	43
	Female	359	4	2	5	4	8	23	51	55	31
	Negro—Male	110	3	-	-	3	2	8	23	21	9
	Female	158	1	1	3	3	2	7	29	29	11
	Other—Male	3	-	-	-	-	-	-	-	1	-
	Female	1	-	-	-	-	-	-	-	-	-
58a	Acute rheumatic pericarditis	38	1	-	-	1	4	6	10	10	4
	White—Male	20	1	-	-	1	2	4	6	4	2
	Female	10	-	-	-	-	2	2	2	4	2
	Negro—Male	5	-	-	-	-	-	-	2	-	-
	Female	3	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
58b	Acute rheumatic endocarditis	298	4	1	2	1	7	15	52	44	30
	White—Male	119	-	1	-	-	2	3	12	19	18
	Female	118	2	-	2	-	5	7	11	15	13
	Negro—Male	22	-	-	-	-	2	4	3	3	1
	Female	39	-	-	-	1	-	1	6	7	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
58c	Acute rheumatic myocarditis	117	-	1	1	2	-	4	15	22	11
	White—Male	43	-	-	-	-	-	-	6	10	3
	Female	43	-	1	1	1	-	3	5	6	4
	Negro—Male	12	-	-	-	-	-	-	-	2	2
	Female	18	-	-	-	1	-	1	4	4	2
	Other—Male	1	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
58d	Other acute rheumatic heart diseases	194	1	-	1	4	5	11	40	39	22
	White—Male	80	-	-	1	2	2	5	15	14	11
	Female	53	-	-	-	1	2	3	11	9	3
	Negro—Male	28	1	-	-	1	-	2	8	8	1
	Female	33	-	-	-	-	1	1	6	8	7
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
58e,f	Other forms of acute rheumatic fever, etc.*	377	3	3	3	9	5	23	56	57	27
	White—Male	131	-	1	1	4	3	9	11	19	11
	Female	135	2	1	2	2	1	8	22	21	9
	Negro—Male	43	-	-	2	-	-	2	12	6	5
	Female	65	1	1	-	1	1	4	11	10	2
	Other—Male	2	-	-	-	-	-	-	-	1	-
	Female	1	-	-	-	-	-	-	-	-	-
59	Chronic rheumatism, other rheumatic diseases	1,841	-	-	-	-	1	1	7	8	9
	White—Male	627	-	-	-	-	1	1	3	1	2
	Female	1,059	-	-	-	-	-	-	2	3	5
	Negro—Male	64	-	-	-	-	-	-	1	2	2
	Female	84	-	-	-	-	-	-	-	-	-
	Other—Male	4	-	-	-	-	-	-	-	-	-
	Female	4	-	-	-	-	-	-	-	-	-
60	Gout	6	-	-	-	-	-	-	-	-	-
	White—Male	3	-	-	-	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	-
	Negro—Male	1	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
61	Diabetes mellitus	37,515	29	22	14	15	12	81	60	115	174
	White—Male	13,038	12	12	6	5	3	36	18	34	62
	Female	21,791	13	9	4	7	8	41	34	59	89
	Negro—Male	812	-	1	2	1	1	5	5	8	11
	Female	1,771	3	-	2	2	-	7	3	14	10
	Other—Male	59	-	-	-	-	-	-	-	-	2
	Female	44	-	-	-	-	-	-	-	-	-
62	Diseases of pituitary gland	161	4	1	1	-	1	7	4	4	9
	White—Male	51	1	-	1	-	1	3	1	2	5
	Female	94	3	1	-	-	-	4	3	1	2
	Negro—Male	7	-	-	-	-	-	-	-	1	1
	Female	9	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
63	Diseases of thyroid and parathyroid glands	2,795	31	15	9	5	1	61	9	12	16
	White—Male	448	18	4	7	3	-	32	3	1	2
	Female	2,087	10	10	2	2	1	25	5	8	6
	Negro—Male	35	3	-	-	-	-	3	1	1	2
	Female	218	-	1	-	-	-	1	-	2	6
	Other—Male	5	-	-	-	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	-

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

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.
7	13	11	23	27	41	66	85	83	89	90	90	68	41	8	1	-	1	57c
4	2	2	8	13	15	33	45	54	49	46	42	28	14	3	-	-	-	-
1	6	8	5	8	15	20	30	21	35	34	43	38	26	5	1	-	1	-
1	3	1	4	2	5	9	8	7	1	5	2	2	1	-	-	-	-	-
1	-	-	4	4	6	4	1	1	2	5	3	-	1	-	-	-	-	-
1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
386	469	518	682	1,029	1,603	2,871	4,769	6,360	7,453	7,382	5,737	3,093	1,202	256	37	9	12	-
118	169	202	251	369	527	917	1,546	2,027	2,461	2,599	1,977	1,159	453	82	11	1	8	-
183	212	218	274	421	752	1,482	2,720	3,873	4,577	4,680	3,583	1,646	711	161	18	1	2	-
27	27	26	31	64	73	117	145	148	123	108	85	35	14	4	5	2	2	-
46	56	71	100	174	243	345	341	295	272	172	100	46	22	8	2	4	2	-
1	2	1	2	1	4	6	7	13	14	8	8	2	2	1	1	-	-	-
1	3	-	4	4	4	4	10	4	6	5	4	5	2	1	-	1	-	-
74	69	60	65	71	32	35	24	27	25	26	14	17	7	2	-	-	-	58
23	22	24	28	33	11	15	10	10	8	9	8	8	4	2	-	-	-	-
26	35	23	25	27	9	13	6	8	9	8	4	2	2	-	-	-	-	-
4	4	5	4	6	7	1	3	1	4	2	2	1	1	-	-	-	-	-
10	10	8	10	4	5	6	8	8	2	6	2	1	1	-	-	-	-	-
15	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-	58a
-	1	1	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	25	28	27	30	6	7	5	3	4	4	1	1	-	-	-	-	-	58b
12	8	15	9	15	2	4	2	2	1	1	-	-	-	-	-	-	-	-
17	13	7	11	13	2	1	2	2	3	1	-	-	-	-	-	-	-	-
-	-	3	3	2	1	1	1	1	1	2	-	-	-	-	-	-	-	-
-	-	3	4	1	1	1	1	1	1	2	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	13	7	14	11	3	-	3	2	1	1	-	-	-	1	-	-	-	58c
2	4	3	6	2	2	-	-	-	-	-	-	-	-	1	-	-	-	-
1	7	3	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	1	1	-	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-
1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	13	10	10	12	4	11	3	1	6	2	1	1	-	-	-	-	-	58d
4	6	2	4	5	1	5	2	1	3	3	1	-	-	1	-	-	-	-
2	4	5	2	4	2	4	-	-	3	1	-	-	-	-	-	-	-	-
2	2	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-
2	1	2	3	2	-	2	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	17	14	14	17	19	16	12	20	11	19	13	16	7	-	-	-	-	58e, f
5	3	3	7	6	6	5	6	9	5	8	7	7	4	-	-	-	-	-
6	9	8	6	6	5	8	3	4	3	5	4	6	2	-	-	-	-	-
3	1	1	-	3	3	-	-	1	2	2	-	1	1	-	-	-	-	-
6	4	2	1	2	4	3	3	6	1	3	2	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
11	14	15	25	27	41	74	103	169	209	324	329	256	152	52	11	3	1	59
5	6	7	10	7	15	25	32	64	83	109	111	82	49	12	2	-	1	-
2	5	6	9	12	17	33	58	91	110	195	205	160	100	39	6	-	1	-
2	1	-	2	3	3	6	5	5	5	11	9	4	1	1	2	1	-	-
3	1	2	3	5	6	9	8	9	10	8	3	9	1	-	1	2	-	-
-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-
-	1	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	1	-	-	1	-	1	1	1	1	-	-	-	-	-	-	-	60
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	289	310	428	682	1,205	2,335	4,081	5,603	6,599	6,536	5,018	2,618	956	172	18	5	10	61
71	122	145	173	269	424	765	1,380	1,832	2,247	2,183	1,786	1,016	377	101	8	1	5	-
119	117	111	158	249	529	1,182	2,292	3,398	4,000	4,126	3,089	1,546	551	62	8	1	1	-
9	14	13	36	43	54	95	116	126	96	84	52	28	10	3	1	1	2	-
19	32	40	57	121	191	287	278	244	227	132	80	23	17	6	-	1	2	-
1	2	1	2	-	3	3	6	10	13	7	7	1	1	-	1	-	-	-
1	2	-	2	-	4	3	9	3	6	4	4	1	1	-	-	-	-	-
10	11	10	10	13	14	21	13	10	8	8	6	2	1	-	-	-	-	62
4	4	3	2	4	6	5	1	4	5	1	1	2	1	-	-	-	-	-
5	7	5	6	8	8	13	10	6	3	7	4	1	1	-	-	-	-	-
1	-	-	1	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-
-	-	2	1	-	-	1	1	-	2	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	45	59	92	151	209	285	388	417	425	298	181	74	24	9	1	-	1	63
4	3	10	19	21	42	59	68	69	55	38	12	6	3	-	-	-	-	-
26	32	37	47	97	142	194	290	320	357	251	165	67	21	6	-	-	1	-
2	2	3	2	3	2	5	2	4	3	-	-	-	-	-	-	-	-	-
6	8	9	24	30	23	37	26	21	10	9	4	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
	III.—Rheumatism, dis. of nutrition*—Con.										
	Diseases of thyroid and parathyroid glands—Con.										
63a	Simple goiter-----	146	2	-	1	-	-	3	-	1	1
	White-----Male----	24	-	-	1	-	-	1	-	-	1
	Female--	95	2	-	-	-	-	2	-	-	-
	Negro-----Male----	3	-	-	-	-	-	-	-	1	-
	Female--	23	-	-	-	-	-	-	-	-	-
	Other-----Male----	1	-	-	-	-	-	-	-	-	-
	Female--	-	-	-	-	-	-	-	-	-	-
63b	Exophthalmic goiter-----	2,243	-	-	-	-	-	-	-	6	10
	White-----Male----	320	-	-	-	-	-	-	-	1	-
	Female--	1,716	-	-	-	-	-	-	-	3	4
	Negro-----Male----	26	-	-	-	-	-	-	-	-	2
	Female--	175	-	-	-	-	-	-	-	2	4
	Other-----Male----	4	-	-	-	-	-	-	-	-	-
	Female--	2	-	-	-	-	-	-	-	-	-
63c-e	Other diseases of thyroid and parathyroid glands-----	406	29	15	8	5	1	50	9	5	5
	White-----Male----	104	18	4	6	3	-	31	3	-	1
	Female--	276	8	10	2	2	1	23	5	5	2
	Negro-----Male----	6	3	-	-	-	-	3	1	-	-
	Female--	20	-	1	-	-	-	1	-	-	2
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	-	-	-	-	-	-	-	-	-	-
64	Diseases of thymus gland-----	1,092	929	47	23	20	11	1,030	17	12	7
	White-----Male----	562	466	23	14	14	1	538	7	4	4
	Female--	397	333	19	7	5	7	371	6	6	2
	Negro-----Male----	64	50	5	-	1	1	57	2	1	-
	Female--	61	52	-	2	-	2	56	2	1	1
	Other-----Male----	4	4	-	-	-	-	4	-	-	-
	Female--	4	4	-	-	-	-	4	-	-	-
65	Diseases of adrenal glands*-----	460	39	12	7	1	-	59	10	5	5
	White-----Male----	197	15	6	3	1	-	25	5	1	2
	Female--	250	19	6	3	-	-	27	4	4	3
	Negro-----Male----	21	3	-	1	-	-	4	1	-	-
	Female--	12	3	-	-	-	-	3	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	-	-	-	-	-	-	-	-	-	-
66	Other general diseases-----	500	127	26	11	6	4	174	13	4	11
	White-----Male----	203	63	13	8	3	-	87	6	3	5
	Female--	211	36	11	2	3	4	56	4	-	3
	Negro-----Male----	38	11	-	1	-	-	12	2	-	-
	Female--	46	16	2	-	-	-	18	1	1	3
	Other-----Male----	1	-	-	-	-	-	-	-	-	-
	Female--	1	1	-	-	-	-	1	-	-	-
67	Scurvy-----	22	13	1	1	-	-	15	-	1	-
	White-----Male----	10	7	-	-	-	-	7	-	-	-
	Female--	5	4	-	-	-	-	4	-	-	-
	Negro-----Male----	3	-	1	1	-	-	2	-	-	-
	Female--	3	2	-	-	-	-	2	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	1	-	-	-	-	-	-	-	1	-
68	Beriberi-----	49	1	4	1	-	-	6	-	-	-
	White-----Male----	26	1	-	-	-	-	1	-	-	-
	Female--	16	-	1	1	-	-	2	-	-	-
	Negro-----Male----	2	-	2	-	-	-	2	-	-	-
	Female--	4	-	1	-	-	-	1	-	-	-
	Other-----Male----	1	-	-	-	-	-	-	-	-	-
	Female--	-	-	-	-	-	-	-	-	-	-
69	Pellagra (except alcoholic)-----	729	-	5	-	-	-	3	-	-	3
	White-----Male----	165	-	2	-	-	-	2	-	-	1
	Female--	365	-	-	-	-	-	-	-	-	1
	Negro-----Male----	56	-	-	-	-	-	-	-	-	-
	Female--	140	-	1	-	-	-	1	-	-	1
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	2	-	-	-	-	-	-	-	-	-
70	Rickets-----	53	37	6	3	5	-	51	2	-	-
	White-----Male----	25	19	2	1	2	-	24	1	-	-
	Female--	10	6	2	1	1	-	10	-	-	-
	Negro-----Male----	10	8	-	1	1	-	10	-	-	-
	Female--	8	4	2	1	-	-	7	1	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	-	-	-	-	-	-	-	-	-	-
71	Other avitaminoses-----	121	16	4	2	1	-	25	1	2	-
	White-----Male----	50	8	2	-	-	-	10	-	2	-
	Female--	44	2	-	1	1	-	4	1	-	-
	Negro-----Male----	12	3	1	1	-	-	5	-	-	-
	Female--	14	3	1	-	-	-	4	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female--	1	-	-	-	-	-	-	-	-	-
	IV.—Diseases of the blood and blood-forming organs-----	11,349	550	156	175	210	196	1,267	431	281	334
	White-----Male----	5,818	278	78	86	104	106	852	224	126	184
	Female--	4,779	186	60	81	94	78	500	177	125	122
	Negro-----Male----	400	52	11	4	6	6	79	18	16	16
	Female--	312	28	7	3	5	5	48	9	9	12
	Other-----Male----	22	2	-	1	-	-	3	1	3	-
	Female--	18	4	-	1	-	-	5	2	2	-
72	Hemorrhagic conditions-----	575	149	19	13	6	7	194	30	18	30
	White-----Male----	263	76	12	8	3	4	103	17	5	18
	Female--	251	40	6	5	2	3	56	9	13	11
	Negro-----Male----	36	21	1	-	-	-	22	3	-	1
	Female--	20	8	-	-	1	-	9	1	-	-
	Other-----Male----	2	2	-	-	-	-	2	-	-	-
	Female--	3	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
IV.—Diseases of the blood and blood-forming organs—Continued											
73	Anemias (except splenic anemia)-----	2,750	175	24	18	14	11	242	23	22	39
	White-----Male-----	1,191	89	6	6	6	4	111	9	15	12
	Female-----	1,275	63	9	7	2	5	86	12	2	17
	Negro-----Male-----	133	16	4	4	3	1	28	5	3	5
	Female-----	138	7	5	1	2	1	16	2	2	5
	Other-----Male-----	6	-	-	-	1	-	1	-	-	-
	Female-----	7	-	-	-	-	-	-	-	-	-
73a	Fernicious anemia-----	1,598	4	-	1	-	1	6	3	2	6
	White-----Male-----	684	2	-	-	-	1	3	2	1	3
	Female-----	618	-	-	-	-	-	-	1	-	3
	Negro-----Male-----	49	2	-	1	-	-	3	-	-	-
	Female-----	42	-	-	-	-	-	-	-	1	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	5	-	-	-	-	-	-	-	-	-
73b-d	Other anemias (except splenic)-----	1,152	171	24	17	14	10	236	25	20	33
	White-----Male-----	507	87	6	6	6	3	108	7	14	9
	Female-----	457	63	9	7	2	5	88	11	2	14
	Negro-----Male-----	84	14	4	3	3	1	25	5	3	5
	Female-----	96	7	5	1	2	1	16	2	1	5
	Other-----Male-----	6	-	-	-	1	-	1	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
74	Leukemias and aleukemias-----	7,293	149	101	142	185	173	750	357	227	256
	White-----Male-----	4,038	74	51	71	94	95	385	192	99	140
	Female-----	2,918	59	44	68	87	70	328	149	106	80
	Negro-----Male-----	194	9	5	-	3	5	22	8	11	9
	Female-----	127	6	1	2	1	3	15	6	7	7
	Other-----Male-----	10	-	-	-	-	-	-	-	3	-
	Female-----	6	1	-	1	-	-	2	2	1	-
74a	Leukemias-----	6,954	144	98	139	176	165	722	334	215	224
	White-----Male-----	3,857	69	51	69	89	91	369	180	97	135
	Female-----	2,768	59	41	67	83	67	317	138	96	75
	Negro-----Male-----	190	9	5	-	3	5	22	8	11	9
	Female-----	124	6	1	2	1	2	12	6	7	7
	Other-----Male-----	8	-	-	-	-	-	-	-	3	-
	Female-----	8	-	-	-	-	-	-	-	1	-
74b	Aleukemias-----	339	5	3	3	9	8	28	23	12	12
	White-----Male-----	181	5	-	2	5	4	16	12	2	5
	Female-----	149	-	3	1	4	3	11	11	10	7
	Negro-----Male-----	4	-	-	-	-	-	-	-	-	-
	Female-----	3	-	-	-	-	1	1	-	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
75	Diseases of spleen-----	453	34	9	2	3	5	53	9	13	24
	White-----Male-----	211	21	6	1	3	3	31	4	7	12
	Female-----	198	8	1	1	2	1	13	4	3	11
	Negro-----Male-----	24	2	1	-	-	-	3	-	2	1
	Female-----	16	3	1	-	1	1	6	-	-	-
	Other-----Male-----	3	-	-	-	-	-	-	1	-	-
	Female-----	1	-	-	-	-	-	-	-	1	-
76	Other diseases of blood and blood-forming organs-----	278	43	3	-	2	-	48	7	1	5
	White-----Male-----	115	18	3	-	1	-	22	2	-	2
	Female-----	137	16	-	-	1	-	17	3	1	3
	Negro-----Male-----	13	4	-	-	-	-	4	2	-	-
	Female-----	11	4	-	-	-	-	4	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	1	1	-	-	-	-	1	-	-	-
V.—Chronic poisoning and intoxication-----											
		2,351	1	3	2	2	1	9	2	1	12
	White-----Male-----	1,735	1	2	-	1	1	5	1	-	3
	Female-----	307	-	-	1	-	-	1	-	-	2
	Negro-----Male-----	226	-	1	-	1	-	2	-	1	5
	Female-----	57	-	-	1	-	-	1	1	-	1
	Other-----Male-----	19	-	-	-	-	-	-	-	-	-
	Female-----	7	-	-	-	-	-	-	-	-	1
77	Alcoholism (ethyliam)-----	2,249	1	-	-	1	-	2	2	1	12
	White-----Male-----	1,665	1	-	-	1	-	2	1	-	3
	Female-----	284	-	-	-	-	-	-	-	-	2
	Negro-----Male-----	220	-	-	-	-	-	-	-	1	5
	Female-----	55	-	-	-	-	-	-	1	-	1
	Other-----Male-----	19	-	-	-	-	-	-	-	-	-
	Female-----	6	-	-	-	-	-	-	-	-	1
78	Lead poisoning-----	32	-	3	2	1	1	7	-	-	-
	White-----Male-----	24	-	2	-	-	1	3	-	-	-
	Female-----	2	-	-	1	-	-	1	-	-	-
	Negro-----Male-----	5	-	1	-	1	-	2	-	-	-
	Female-----	1	-	-	1	-	-	1	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
79	Chronic poisoning by other mineral substances*-----	70	-	-	-	-	-	-	-	-	-
	White-----Male-----	46	-	-	-	-	-	-	-	-	-
	Female-----	21	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
VI.—Diseases of the nervous system, etc.*-----											
		145,970	1,672	477	338	219	141	2,847	557	434	629
	White-----Male-----	63,531	809	206	177	101	71	1,364	269	192	322
	Female-----	64,071	538	175	115	84	48	960	206	156	199
	Negro-----Male-----	8,524	184	48	20	13	8	273	50	44	60
	Female-----	9,471	123	42	25	16	13	221	29	39	42
	Other-----Male-----	241	8	3	1	-	-	12	1	2	3
	Female-----	132	10	3	-	3	1	17	2	1	3

*Refer to International List for complete title, table II.

GENERAL TABLES—DEATHS FROM EACH CAUSE

RACE, AND SEX: UNITED STATES, 1947—Continued

†—(hs 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.
45	36	50	42	65	67	99	132	204	293	416	410	358	173	36	14	1	-	75
14	9	12	12	20	20	33	52	99	133	205	205	145	71	15	4	-	-	-
11	11	17	18	22	28	46	64	89	137	203	200	187	100	18	8	-	-	-
6	8	6	7	6	4	12	7	6	14	5	4	4	1	2	2	1	-	-
12	7	13	5	16	14	7	6	11	8	2	2	4	1	2	2	1	-	-
-	-	-	-	-	1	-	2	-	1	-	1	-	-	-	-	-	-	-
-	2	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
11	11	15	22	22	30	50	65	129	200	308	303	256	153	21	4	1	-	75a
3	1	3	2	4	11	17	25	61	82	141	155	106	55	7	2	-	-	-
5	2	5	12	8	12	24	35	59	105	163	145	147	77	12	2	-	-	-
2	3	3	5	3	3	4	3	4	8	4	2	2	1	1	-	-	-	-
1	2	4	3	6	4	4	2	5	5	-	1	1	1	1	1	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-
32	25	35	20	43	37	46	67	78	93	108	107	82	40	15	10	-	-	75b-a
11	7	9	10	16	9	16	27	38	51	64	48	37	16	8	2	-	-	-
6	8	12	6	14	16	22	29	29	32	40	55	40	23	6	6	-	-	-
4	5	5	2	3	1	6	4	2	6	1	2	2	1	2	1	-	-	-
11	5	9	2	10	10	3	4	6	3	2	1	3	1	1	2	-	-	-
-	-	-	-	1	1	-	2	1	2	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
178	182	267	280	338	408	523	643	728	760	681	473	191	79	9	1	-	-	74
102	97	143	110	167	215	279	357	452	436	416	283	111	45	7	1	-	-	-
56	72	99	128	148	167	210	262	258	308	251	183	78	33	1	1	-	-	-
14	6	12	13	8	12	22	17	15	10	8	5	1	1	1	-	-	-	-
5	5	12	9	14	13	11	7	3	6	6	1	1	1	1	-	-	-	-
-	2	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169	173	255	243	320	391	499	613	691	721	649	458	187	78	9	1	-	-	74a
99	91	140	105	160	201	268	338	431	414	397	272	108	45	7	1	-	-	-
51	69	92	118	140	164	198	282	242	291	258	179	77	32	1	1	-	-	-
13	6	11	13	7	12	22	16	15	10	8	5	1	1	1	-	-	-	-
5	5	11	9	13	13	11	7	3	6	6	1	1	1	1	-	-	-	-
-	2	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	12	17	18	17	24	30	37	39	32	15	4	1	-	-	-	-	74b
3	3	3	7	7	14	11	19	21	22	19	11	3	-	-	-	-	-	-
5	3	10	6	8	3	12	10	16	17	13	4	1	1	-	-	-	-	-
1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	8	18	37	24	39	34	53	43	29	29	15	6	3	-	-	-	-	75
6	2	5	15	10	14	22	27	19	12	10	9	5	1	-	-	-	-	-
8	4	10	16	13	17	12	24	20	15	19	6	1	2	-	-	-	-	-
2	1	3	4	3	3	2	2	2	1	1	-	-	-	-	-	-	-	-
-	-	-	-	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6	13	13	15	13	22	23	28	28	24	21	2	2	2	-	-	-	76
3	1	2	5	6	5	10	8	14	13	11	10	-	-	-	-	-	-	-
1	3	7	7	8	7	11	13	12	15	13	11	2	1	2	-	-	-	-
-	-	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	67	183	280	350	347	301	262	211	144	80	43	12	2	-	-	-	-	8
15	31	111	200	244	254	217	212	183	127	74	40	9	2	-	-	-	-	7
4	11	34	38	51	51	55	26	16	10	4	2	2	-	-	-	-	-	-
11	12	30	27	41	37	23	18	9	6	1	1	1	-	-	-	-	-	1
2	8	7	12	10	4	5	4	-	1	-	-	-	-	-	-	-	-	-
4	2	1	3	2	1	1	2	3	-	-	-	-	-	-	-	-	-	-
1	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	65	176	272	335	338	291	249	201	135	75	40	11	2	-	-	-	-	77
13	31	109	184	234	247	210	201	174	131	70	37	9	2	-	-	-	-	-
3	10	31	36	48	50	52	24	15	7	3	2	1	-	-	-	-	-	8
11	12	28	27	40	36	23	18	9	6	1	1	1	-	-	-	-	-	1
2	8	7	12	9	4	5	4	2	1	1	-	-	-	-	-	-	-	-
4	2	1	5	2	1	1	2	3	1	1	-	-	-	-	-	-	-	-
1	2	-	2	2	1	1	1	1	1	-	-	-	-	-	-	-	-	-
-	-	3	2	2	1	1	1	1	1	2	2	2	-	-	-	-	-	78
-	-	1	1	1	-	-	1	1	1	2	2	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	2	4	6	13	8	9	8	6	6	3	1	1	-	-	-	-	-	79
2	-	1	4	9	6	6	7	5	3	2	1	1	-	-	-	-	-	-
1	1	3	2	3	1	3	1	1	3	1	1	1	-	-	-	-	-	-
-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
807	1,072	1,252	1,990	3,256	5,455	8,378	11,259	14,518	18,766	22,562	22,612	18,566	9,375	2,665	541	130	100	-
366	452	529	749	1,130	1,868	3,148	4,792	6,632	8,628	10,580	10,280	7,044	3,905	1,047	179	21	34	-
283	373	412	669	1,130	2,012	3,132	4,201	5,562	7,891	10,172	10,983	8,679	5,118	1,625	230	41	18	-
87	122	141	240	436	678	1,035	1,076	1,063	853	667	667	368	151	77	30	19	28	-
86	118	154	326	549	878	1,089	1,162	1,207	1,157	918	671	432	185	108	41	48	20	-
4	-	3	8	8	10	18	15	38	44	28	21	16	9	5	-	-	-	-
1	6	3	3	3	9	6	13	16	10	11	10	7	7	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
VI.—Diseases of the nervous system, etc.—Continued											
80	Encephalitis (nonepidemic)-----	1,162	142	69	39	28	22	300	69	44	53
	White-----Male-----	611	70	30	17	15	10	142	37	18	24
	Female-----	391	47	28	14	9	7	105	23	17	20
	Negro-----Male-----	82	8	6	4	1	5	24	4	5	5
	Female-----	70	13	5	4	3	-	25	5	4	4
	Other-----Male-----	3	1	-	-	-	-	1	-	-	-
	Female-----	5	3	-	-	-	-	3	-	-	-
61	Meningitis (not due to meningococcus)-----	2,009	669	168	96	58	32	1,023	89	51	55
	White-----Male-----	949	315	74	49	28	13	479	38	19	29
	Female-----	590	201	44	29	17	11	302	32	12	13
	Negro-----Male-----	275	102	25	9	4	2	142	12	11	9
	Female-----	192	48	22	9	5	5	92	7	9	4
	Other-----Male-----	6	1	1	-	-	-	3	-	-	-
	Female-----	9	2	2	-	-	1	5	-	-	-
82	Diseases of spinal cord (see exceptions)*-----	2,619	15	17	18	17	12	79	51	47	55
	White-----Male-----	1,406	8	5	11	12	8	44	27	27	37
	Female-----	997	4	9	7	5	3	28	21	13	12
	Negro-----Male-----	122	2	2	-	-	-	4	1	4	3
	Female-----	87	1	1	-	-	1	3	1	3	3
	Other-----Male-----	5	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	1	-	-
83	Intracranial lesions of vascular origin-----	131,039	182	53	53	28	18	335	99	71	125
	White-----Male-----	56,246	93	27	25	10	8	164	43	22	59
	Female-----	56,457	60	19	23	14	8	124	40	27	40
	Negro-----Male-----	7,406	14	4	2	2	-	22	9	8	11
	Female-----	8,624	13	3	3	2	2	23	7	13	15
	Other-----Male-----	209	1	-	-	-	-	1	-	-	-
	Female-----	97	1	-	-	-	-	1	-	1	-
83a	Cerebral hemorrhage or effusion*-----	111,725	145	31	41	15	8	240	85	46	92
	White-----Male-----	47,161	74	16	22	7	3	122	31	13	41
	Female-----	49,045	45	10	17	7	5	84	25	17	29
	Negro-----Male-----	6,645	13	3	-	-	-	16	4	5	9
	Female-----	7,811	12	2	2	1	-	17	5	10	13
	Other-----Male-----	179	1	-	-	-	-	1	-	1	-
	Female-----	84	1	-	-	-	-	1	-	-	-
83b,c	Cerebral embolism, thrombosis, and softening O-----	16,221	19	11	8	7	2	47	12	9	14
	White-----Male-----	7,780	9	5	2	1	1	19	6	3	9
	Female-----	7,392	8	5	4	4	-	21	5	3	5
	Negro-----Male-----	506	1	-	1	1	-	3	1	3	-
	Female-----	512	1	1	1	1	-	5	-	-	-
	Other-----Male-----	24	-	-	-	-	-	-	-	-	-
	Female-----	7	-	-	-	-	-	-	-	-	-
83d	Hemiplegia, other paralysis, etc.*-----	3,093	18	11	4	6	9	48	22	16	19
	White-----Male-----	1,305	10	6	1	2	5	24	5	8	9
	Female-----	1,220	7	4	2	3	3	19	10	7	6
	Negro-----Male-----	255	-	1	1	1	-	3	4	-	2
	Female-----	301	-	-	-	-	1	1	2	3	2
	Other-----Male-----	6	1	-	-	-	-	1	-	-	-
	Female-----	6	-	-	-	-	-	-	-	-	-
84	Mental diseases and deficiency (see exception)*-----	1,589	131	17	17	6	4	175	22	19	39
	White-----Male-----	562	70	11	13	2	2	98	9	12	17
	Female-----	670	56	6	3	4	1	70	9	5	8
	Negro-----Male-----	166	2	-	-	-	-	2	3	2	5
	Female-----	167	2	-	1	-	1	4	1	-	8
	Other-----Male-----	3	1	-	-	-	-	1	-	-	1
	Female-----	1	-	-	-	-	-	-	-	-	-
85	Epilepsy-----	2,247	22	24	21	18	13	98	78	102	185
	White-----Male-----	1,088	8	5	12	10	7	42	40	49	93
	Female-----	750	12	12	6	5	5	40	26	40	55
	Negro-----Male-----	250	-	3	1	2	-	6	7	8	25
	Female-----	147	2	3	2	1	1	9	5	5	8
	Other-----Male-----	5	-	1	-	-	-	1	-	-	2
	Female-----	7	-	-	-	-	-	-	-	-	2
86	Convulsions (under 5 years)-----	304	204	56	24	13	7	304	...	...	...
	White-----Male-----	123	86	21	10	3	3	123	...	...	...
	Female-----	90	51	22	8	6	3	90	...	...	...
	Negro-----Male-----	44	34	6	2	1	1	44	...	...	...
	Female-----	40	29	5	4	2	-	40	...	...	...
	Other-----Male-----	3	2	1	-	-	-	3	...	...	...
	Female-----	4	2	1	-	1	-	4	...	...	...
87	Other diseases of nervous system-----	4,296	128	35	52	36	24	275	108	82	83
	White-----Male-----	2,160	70	16	33	15	17	151	51	31	45
	Female-----	1,875	42	17	15	17	6	97	42	23	37
	Negro-----Male-----	151	13	2	2	3	-	20	12	4	1
	Female-----	108	3	-	2	1	1	7	3	4	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
88	Diseases of organs of vision-----	52	5	2	1	5	5	18	5	3	-
	White-----Male-----	23	3	-	-	2	2	7	3	1	-
	Female-----	23	2	2	1	3	2	10	2	-	-
	Negro-----Male-----	3	-	-	-	-	-	-	-	2	-
	Female-----	3	-	-	-	-	1	1	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
89	Diseases of ear and mastoid process-----	673	174	36	17	10	3	240	36	35	33
	White-----Male-----	365	86	17	7	4	-	114	21	13	18
	Female-----	238	65	16	9	4	2	94	11	19	13
	Negro-----Male-----	27	9	-	-	-	-	9	2	-	1
	Female-----	33	12	3	1	-	1	17	1	2	1
	Other-----Male-----	6	2	-	-	-	-	2	1	-	-
	Female-----	6	2	-	-	2	-	4	1	-	-

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VITAL STATISTICS OF THE UNITED STATES

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(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-----	484,113	211	106	58	46	52	473	354	583	905
	White-----Male-----	269,125	109	43	28	22	18	220	125	230	391
	White-----Female-----	184,324	71	41	22	16	18	168	125	223	330
	Negro-----Male-----	20,786	17	10	3	6	6	42	40	54	77
	Negro-----Female-----	18,735	12	12	4	1	9	38	59	72	100
	Other-----Male-----	869	1	-	1	-	-	2	3	2	5
	Other-----Female-----	274	1	-	-	1	1	3	2	2	2
90-95	Diseases of the heart (all forms)-----	460,580	161	93	56	41	47	398	339	555	857
	White-----Male-----	252,864	81	36	27	19	17	180	120	217	378
	White-----Female-----	169,866	53	40	21	16	15	145	118	213	304
	Negro-----Male-----	19,367	15	8	3	5	6	37	40	53	70
	Negro-----Female-----	17,413	10	9	4	1	9	32	55	68	98
	Other-----Male-----	815	1	-	1	-	-	2	3	2	5
	Other-----Female-----	255	1	-	-	-	1	2	2	2	2
90	Pericarditis (except acute rheumatic)-----	521	20	4	2	-	4	30	11	9	10
	White-----Male-----	251	8	1	2	-	2	13	4	4	2
	White-----Female-----	141	7	3	-	-	-	10	5	4	3
	Negro-----Male-----	68	3	-	-	-	2	5	1	-	3
	Negro-----Female-----	50	1	-	-	-	-	1	1	1	2
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	1	1	-	-	-	-	1	-	-	-
90a	Chronic rheumatic pericarditis-----	22	-	-	-	-	-	-	1	4	-
	White-----Male-----	11	-	-	-	-	-	-	-	2	-
	White-----Female-----	10	-	-	-	-	-	-	1	2	-
	Negro-----Male-----	1	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
90b	Other pericarditis-----	499	20	4	2	-	4	30	10	5	10
	White-----Male-----	250	8	1	2	-	2	13	4	2	2
	White-----Female-----	151	7	3	-	-	-	10	4	2	3
	Negro-----Male-----	67	3	-	-	-	2	5	1	-	3
	Negro-----Female-----	50	1	-	-	-	-	1	1	1	2
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Other-----Female-----	1	1	-	-	-	-	1	-	-	-
91	Acute endocarditis (except rheumatic)-----	1,202	16	9	4	4	6	39	30	34	57
	White-----Male-----	587	8	3	2	2	2	17	10	14	14
	White-----Female-----	369	4	2	2	2	2	12	11	11	33
	Negro-----Male-----	129	4	2	-	-	1	7	5	3	4
	Negro-----Female-----	129	-	2	-	-	1	5	3	6	5
	Other-----Male-----	4	-	-	-	-	-	-	-	-	1
	Other-----Female-----	4	-	-	-	-	-	-	1	-	-
91a,b	Bacterial, acute, and subacute endocarditis-----	1,106	16	3	2	3	6	30	27	24	52
	White-----Male-----	527	8	1	1	1	2	12	10	9	13
	White-----Female-----	345	4	2	1	2	2	11	10	10	30
	Negro-----Male-----	115	4	1	-	-	1	6	3	1	4
	Negro-----Female-----	112	-	-	-	-	1	1	3	4	4
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Other-----Female-----	4	-	-	-	-	-	-	1	-	1
91c	Endocarditis (unspecified, under 45 years)-----	96	-	6	2	1	9	5	10	5	5
	White-----Male-----	40	-	3	1	1	5	5	5	1	1
	White-----Female-----	24	-	1	1	-	1	1	1	1	3
	Negro-----Male-----	14	-	1	-	-	1	2	2	2	-
	Negro-----Female-----	17	-	2	-	-	2	-	2	2	1
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Other-----Female-----	-	-	-	-	-	-	-	-	-	-
92	Chronic affections of valves and endocardium-----	31,968	-	6	6	3	8	23	77	150	243
	White-----Male-----	14,755	-	1	3	2	2	8	35	65	118
	White-----Female-----	13,157	-	4	3	1	2	10	14	61	91
	Negro-----Male-----	1,992	-	-	-	-	2	2	10	15	16
	Negro-----Female-----	1,977	-	1	-	-	2	3	18	17	17
	Other-----Male-----	57	-	-	-	-	-	-	-	-	-
	Other-----Female-----	30	-	-	-	-	-	-	-	-	1
92a	Diseases of aortic valve, etc.*-----	3,021	-	-	-	-	-	-	1	1	6
	White-----Male-----	1,526	-	-	-	-	-	-	-	1	3
	White-----Female-----	911	-	-	-	-	-	-	1	-	1
	Negro-----Male-----	331	-	-	-	-	-	-	-	-	1
	Negro-----Female-----	240	-	-	-	-	-	-	-	-	1
	Other-----Male-----	11	-	-	-	-	-	-	-	-	-
	Other-----Female-----	2	-	-	-	-	-	-	-	-	-
92b	Diseases of mitral valve, etc.*-----	13,371	-	2	4	2	5	13	43	95	135
	White-----Male-----	5,930	-	2	2	2	1	5	18	40	62
	White-----Female-----	5,762	-	1	2	-	1	4	6	39	55
	Negro-----Male-----	774	-	-	-	-	1	1	8	11	8
	Negro-----Female-----	868	-	1	-	-	2	3	11	5	10
	Other-----Male-----	18	-	-	-	-	-	-	-	-	-
	Other-----Female-----	19	-	-	-	-	-	-	-	-	-
92c	Chronic rheumatic endocarditis, etc.*-----	2,098	-	-	1	-	-	1	19	43	64
	White-----Male-----	1,078	-	-	-	-	-	-	8	12	30
	White-----Female-----	867	-	-	1	-	-	1	4	21	27
	Negro-----Male-----	68	-	-	-	-	-	-	1	3	4
	Negro-----Female-----	60	-	-	-	-	-	-	6	7	5
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Other-----Female-----	2	-	-	-	-	-	-	-	-	-
92d	Other chronic endocarditis, etc.*-----	11,936	-	4	1	1	3	9	14	19	38
	White-----Male-----	5,526	-	1	1	-	1	3	9	12	23
	White-----Female-----	5,016	-	3	-	1	1	5	3	1	8
	Negro-----Male-----	702	-	-	-	-	1	1	1	1	3
	Negro-----Female-----	661	-	-	-	-	-	-	1	5	3
	Other-----Male-----	24	-	-	-	-	-	-	-	-	-
	Other-----Female-----	6	-	-	-	-	-	-	-	-	1
92e	Endocarditis (unspecified, 45 years and over)-----	1,543	...	...	...	...	...	...	...	...	...
	White-----Male-----	695	...	...	...	...	...	...	...	...	...
	White-----Female-----	601
	Negro-----Male-----	117
	Negro-----Female-----	128
	Other-----Male-----	1
	Other-----Female-----	1

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	VII.—Diseases of the circulatory system—Continued										
	Diseases of the heart (all forms)—Continued										
93	Diseases of the myocardium—	238,608	36	19	14	9	10	88	49	72	119
	White—Male—	114,998	23	5	6	5	4	43	18	28	50
	Female—	102,194	9	12	5	4	4	34	23	26	39
	Negro—Male—	10,487	1	1	1	-	-	3	3	10	12
	Female—	10,376	2	1	2	-	2	7	4	7	17
	Other—Male—	436	1	-	-	-	-	1	1	1	1
	Female—	117	-	-	-	-	-	-	-	-	-
93a	Acute myocarditis (except rheumatic)—	3,278	36	11	4	2	3	56	9	17	23
	White—Male—	1,504	27	3	1	2	2	31	2	8	8
	Female—	1,177	9	7	3	-	1	20	5	4	10
	Negro—Male—	288	1	-	-	-	-	1	-	2	3
	Female—	302	2	1	-	-	-	3	1	3	2
	Other—Male—	5	1	-	-	-	-	1	-	-	-
	Female—	2	-	-	-	-	-	-	-	-	-
93b	Myocarditis (unspecified, under 45 years)—	340	-	4	1	4	4	13	6	7	14
	White—Male—	124	-	1	1	3	2	7	3	1	5
	Female—	97	-	3	-	1	1	6	1	5	4
	Negro—Male—	61	-	-	-	-	-	-	2	1	-
	Female—	57	-	-	-	-	1	1	-	-	4
	Other—Male—	1	-	-	-	-	-	-	-	-	1
	Female—	-	-	-	-	-	-	-	-	-	-
93c	Chronic rheumatic myocarditis, etc.*—	1,293	-	-	-	-	-	-	11	17	20
	White—Male—	592	-	-	-	-	-	-	3	7	6
	Female—	603	-	-	-	-	-	-	7	8	7
	Negro—Male—	43	-	-	-	-	-	-	-	1	2
	Female—	50	-	-	-	-	-	-	-	1	5
	Other—Male—	4	-	-	-	-	-	-	1	-	-
	Female—	1	-	-	-	-	-	-	-	-	-
93d	Other chronic myocarditis, etc.*—	218,111	-	2	5	3	3	13	18	23	52
	White—Male—	104,948	-	-	2	-	-	2	8	8	25
	Female—	94,534	-	2	-	3	2	7	8	6	15
	Negro—Male—	9,044	-	-	1	-	-	1	1	5	6
	Female—	9,073	-	-	2	-	1	3	2	3	6
	Other—Male—	405	-	-	-	-	-	-	-	1	-
	Female—	107	-	-	-	-	-	-	-	-	-
93e	Other myocarditis (unspecified)—	15,586	-	2	4	-	-	6	6	8	10
	White—Male—	7,830	-	1	2	-	-	3	2	4	6
	Female—	5,783	-	-	2	-	-	2	2	3	3
	Negro—Male—	1,051	-	1	-	-	-	1	1	1	1
	Female—	894	-	-	-	-	-	-	1	-	-
	Other—Male—	21	-	-	-	-	-	-	-	-	-
	Female—	7	-	-	-	-	-	-	-	-	-
94	Diseases of coronary arteries, angina pectoris—	154,131	31	7	1	-	2	41	7	15	68
	White—Male—	104,900	16	3	-	-	1	20	3	7	25
	Female—	41,917	10	3	1	-	1	15	2	7	27
	Negro—Male—	4,166	2	-	-	-	-	2	1	-	7
	Female—	2,866	3	1	-	-	-	4	1	1	9
	Other—Male—	228	-	-	-	-	-	-	-	-	-
	Female—	54	-	-	-	-	-	-	-	-	-
94a	Diseases of coronary arteries—	150,806	30	7	1	-	2	40	7	14	66
	White—Male—	102,751	16	3	-	-	1	20	3	7	25
	Female—	41,027	10	3	1	-	1	15	2	6	26
	Negro—Male—	4,019	2	-	-	-	-	2	1	-	7
	Female—	2,733	2	1	-	-	-	3	1	1	8
	Other—Male—	223	-	-	-	-	-	-	-	-	-
	Female—	53	-	-	-	-	-	-	-	-	-
94b	Angina pectoris—	3,325	1	-	-	-	-	1	-	1	2
	White—Male—	2,149	-	-	-	-	-	-	-	-	-
	Female—	890	-	-	-	-	-	-	-	1	1
	Negro—Male—	147	-	-	-	-	-	-	-	-	-
	Female—	133	1	-	-	-	-	1	-	-	1
	Other—Male—	5	-	-	-	-	-	-	-	-	-
	Female—	1	-	-	-	-	-	-	-	-	-
95	Other diseases of heart—	34,150	58	48	29	25	17	177	165	267	360
	White—Male—	17,383	26	23	14	10	6	79	50	99	169
	Female—	12,088	23	16	10	9	6	64	64	104	111
	Negro—Male—	2,525	5	5	2	5	1	18	20	25	28
	Female—	2,015	4	4	2	1	3	14	28	36	48
	Other—Male—	90	-	-	1	-	-	1	2	1	4
	Female—	49	-	-	-	-	1	1	1	2	-
95a	Functional diseases of heart, etc.*—	1,047	19	3	1	1	-	23	-	4	5
	White—Male—	507	8	1	1	-	-	10	-	1	4
	Female—	471	9	1	-	1	-	11	-	2	1
	Negro—Male—	35	-	1	-	-	-	1	-	1	-
	Female—	31	1	-	-	-	-	1	-	-	-
	Other—Male—	3	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-
95b	Other diseases of heart (rheumatic)—	7,083	1	3	8	13	11	36	124	221	273
	White—Male—	3,168	1	1	1	4	4	11	41	75	127
	Female—	3,242	-	1	5	4	3	13	43	69	90
	Negro—Male—	303	-	1	1	4	-	6	17	23	21
	Female—	344	-	-	1	1	3	5	21	33	31
	Other—Male—	17	-	-	-	-	-	-	1	-	4
	Female—	9	-	-	-	-	1	1	1	2	-
95c	Other diseases of heart (not rheumatic)—	26,020	39	42	20	11	6	118	41	42	82
	White—Male—	13,708	17	21	12	6	2	58	9	23	38
	Female—	8,375	14	14	5	4	3	40	21	14	20
	Negro—Male—	2,187	5	3	1	1	1	11	3	1	7
	Female—	1,640	3	4	1	-	-	8	7	3	17
	Other—Male—	70	-	1	-	-	-	1	1	1	-
	Female—	40	-	-	-	-	-	-	-	-	-
96	Aneurysm (except of heart and aorta)—	2,257	-	-	1	-	1	2	3	13	21
	White—Male—	1,385	-	-	1	-	-	1	2	7	10
	Female—	633	-	-	-	-	1	1	1	4	10
	Negro—Male—	113	-	-	-	-	-	-	-	1	1
	Female—	101	-	-	-	-	-	-	-	1	-
	Other—Male—	5	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

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.
200	376	698	1,532	3,060	6,134	11,115	16,636	25,586	30,949	36,535	40,524	33,815	21,657	7,505	1,572	268	118	85
74	125	252	584	1,355	2,807	5,738	9,146	12,775	16,247	19,104	19,198	15,070	8,965	2,801	511	36	53	
75	124	196	418	732	1,603	2,959	4,903	8,012	11,771	16,878	19,490	17,453	12,037	4,366	916	116	25	
22	60	93	211	425	827	1,212	1,306	1,401	1,488	1,511	825	632	299	130	63	31	23	
29	65	155	315	534	874	1,184	1,230	1,318	1,361	1,157	644	613	330	197	78	61	16	
-	-	1	5	11	18	34	35	69	68	55	55	35	23	8	3	2	1	
-	2	1	1	3	5	8	16	11	14	21	12	12	5	3	1	2	-	
28	49	47	88	109	174	211	279	323	370	394	420	330	243	93	22	3	1	95a
8	15	20	35	46	72	85	157	153	187	180	215	157	107	31	7	-	-	
10	11	17	27	38	47	66	93	120	165	181	160	125	54	11	1	1	1	
5	9	3	11	21	24	44	40	41	35	20	9	6	3	3	-	-	-	
5	14	13	25	15	40	35	35	35	26	18	15	5	5	1	1	1	-	
-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	
15	41	46	74	124	....	....	....	....	....	....	....	....	....	....	....	....	....	93b
6	16	19	18	49	....	....	....	....	....	....	....	....	....	....	....	....	....
7	13	8	23	31	....	....	....	....	....	....	....	....	....	....	....	....	....
1	6	6	19	24	....	....	....	....	....	....	....	....	....	....	....	....	....
1	6	11	14	20	....	....	....	....	....	....	....	....	....	....	....	....	....
-	-	-	-	-	
22	27	39	58	63	103	141	115	136	161	124	134	75	37	9	-	1	-	93c
12	13	15	30	38	41	64	58	67	94	46	60	28	18	2	-	-	-	
9	11	22	21	22	49	65	48	59	67	75	63	43	19	7	-	1	-	
1	1	3	3	9	5	3	4	6	2	5	1	-	-	-	-	-	-	
-	2	2	4	2	3	7	6	5	3	1	6	3	-	-	-	-	-	
-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
119	227	499	1,200	2,589	5,272	9,849	15,022	21,596	28,472	35,743	37,545	31,358	19,915	6,848	1,417	225	109	93d
44	69	170	451	1,138	2,421	5,107	8,300	11,693	14,923	17,888	17,675	13,929	6,221	2,539	458	52	49	
44	84	135	334	616	1,379	2,676	4,481	7,462	10,949	15,753	18,228	16,275	11,118	4,004	832	105	23	
11	33	75	158	357	694	1,026	1,126	1,208	1,301	1,195	826	554	258	115	55	17	23	
20	40	117	252	466	758	1,000	1,066	1,157	1,224	1,049	753	555	292	179	68	50	13	
-	-	1	4	9	16	32	34	65	62	61	53	33	21	8	3	1	1	
-	2	1	1	3	4	8	15	11	13	17	10	12	5	3	1	1	-	
16	32	67	112	175	285	494	814	1,220	1,531	1,946	2,425	2,052	1,462	555	133	39	8	93e
4	13	28	50	84	137	213	328	482	651	862	1,053	1,248	956	617	229	46	5	
5	5	20	21	36	57	83	108	137	171	208	248	296	351	407	46	9	1	
4	11	7	20	23	100	137	157	148	146	94	85	69	35	12	5	14	-	
3	3	12	20	31	73	122	123	121	108	89	70	50	33	13	9	10	3	
-	-	-	1	1	1	2	-	2	4	3	2	2	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	3	2	-	-	-	-	-	-	
172	326	928	2,410	5,050	8,939	14,203	18,774	21,936	23,385	22,229	17,817	10,697	5,279	1,475	266	36	78	94
73	165	589	1,756	3,866	6,901	11,075	14,429	16,136	15,860	13,906	10,589	5,980	2,720	663	98	11	48	
52	80	153	343	646	1,228	2,077	3,344	4,865	6,680	7,681	6,854	4,482	2,448	781	142	11	19	
23	44	84	164	287	479	632	608	547	460	368	246	121	54	24	6	7	7	
21	37	100	144	238	314	394	364	344	325	236	129	101	52	25	17	6	4	
1	1	1	3	11	15	20	27	40	49	32	14	7	4	1	2	-	-	
1	1	1	-	2	2	5	7	4	11	6	5	6	1	1	1	1	-	
165	315	902	2,343	4,962	8,768	13,914	18,428	21,517	22,848	21,756	17,372	10,454	5,133	1,430	281	36	77	94a
71	162	577	1,717	3,806	6,775	10,872	14,173	15,842	15,492	13,612	10,308	5,846	2,852	635	97	11	49	
49	75	146	335	630	1,211	2,044	3,285	4,776	6,545	7,526	6,684	4,384	2,375	745	138	11	18	
22	43	83	156	282	465	609	581	528	442	350	235	118	51	24	6	7	7	
20	35	94	132	231	300	365	354	328	311	231	126	93	50	24	17	6	3	
2	-	-	1	3	11	15	19	28	39	48	31	14	7	4	1	2	-	
1	1	1	-	2	2	5	7	4	10	6	5	6	1	1	1	1	-	
7	11	26	67	88	171	289	348	419	537	473	445	243	146	45	5	-	1	94b
2	3	12	39	60	126	203	256	294	368	294	261	134	68	28	1	-	-	
3	5	7	8	16	17	33	59	89	135	155	170	98	73	16	4	-	-	
1	1	1	8	5	14	23	22	19	18	18	11	3	3	-	-	-	-	
1	1	2	6	12	7	14	29	10	16	14	5	3	2	1	-	-	1	
-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
402	565	763	1,090	1,806	2,061	2,668	3,005	3,455	3,827	4,139	3,907	2,963	1,875	642	150	31	32	95
189	246	297	486	792	1,001	1,440	1,710	1,975	2,129	2,191	2,017	1,419	818	230	54	6	17	
144	217	296	363	503	610	677	788	989	1,235	1,533	1,621	1,354	957	357	83	9	4	
41	43	71	106	169	252	324	307	279	280	237	152	104	45	28	6	5	5	
56	57	98	119	136	188	221	186	197	189	161	106	77	50	25	6	11	6	
1	1	-	8	4	7	4	10	9	11	13	6	4	3	1	-	-	-	
2	1	1	3	2	3	2	4	6	3	4	5	2	1	1	1	-	-	
7	7	12	18	14	32	43	76	91	124	156	164	127	95	34	13	1	1	95a
3	3	3	8	6	17	24	40	51	71	77	84	56	34	12	3	-	-	
3	3	9	7	5	7	14	28	33	47	72	77	68	56	18	9	-	1	
1	1	1	1	1	2	2	5	5	4	2	3	2	3	1	1	-	-	
-	-	-	2	2	4	3	3	2	1	5	-	1	2	3	-	1	-	
-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
267	424	464	595	747	795	693	677	536	445	291	268	151	57	13	1	1	4	95b
117	186	185	266	346	367	336	324	262	206	132	107	49	23	5	1	-	2	
102	181	217	289	328	372	312	312	252	217	152	152	98	54	7	-	-	2	
16	19	27	31	39	26	23	21	11	12	5	4	1	-	1	-	-	-	
32	39	34	27	30	28	21	16	11	10	2	4	-	-	-	-	1	-	
-	-	-	2	4	2	-	3	-	-	-	-	1	-	-	-	-	-	
-	-	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	
129	134	287	477	845	1,234	1,932	2,252	2,828	3,258	3,692	3,475	2,685	1,723	595	136	29	27	95c
39	57	109	212	440	617	1,080	1,346	1,662	1,852	1,982	1,826	1,314	761	213	50	6	15	
39	33	70	92	170	231	351	448	704	971	1,309	1,392	1,187	867	332	74	9	1	
24	24	44	74	129	224	299	281	263	244	230	145	101	42	26	5	5	5	
24	18	64	90															

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
VII.—Diseases of the circulatory system—Continued											
97	Arteriosclerosis (except coronary or renal sclerosis)-----	25,317	-	-	-	-	-	-	1	-	1
	White-----Male-----	12,162	-	-	-	-	-	-	-	-	1
	Female-----	11,415	-	-	-	-	-	-	-	-	1
	Negro-----Male-----	918	-	-	-	-	-	-	-	-	-
	Female-----	771	-	-	-	-	-	-	1	-	-
	Other-----Male-----	40	-	-	-	-	-	-	-	-	-
	Female-----	11	-	-	-	-	-	-	-	-	-
98	Gangrene-----	380	8	2	-	1	1	12	-	-	-
	White-----Male-----	179	4	-	-	-	-	4	-	-	-
	Female-----	116	3	-	-	-	-	3	-	-	-
	Negro-----Male-----	31	-	-	-	-	-	-	-	-	-
	Female-----	51	1	2	-	-	1	4	-	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	1	-	1	-	-	-
99	Other diseases of arteries-----	2,040	13	3	1	1	1	18	1	10	11
	White-----Male-----	1,059	9	2	-	1	-	12	-	3	3
	Female-----	841	2	-	1	-	-	3	1	4	5
	Negro-----Male-----	73	1	1	-	-	-	2	-	-	1
	Female-----	64	1	-	-	-	-	1	-	3	2
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
100	Diseases of veins-----	1,379	9	2	-	2	2	15	4	2	6
	White-----Male-----	645	6	2	-	2	1	11	1	1	1
	Female-----	622	2	-	-	-	1	3	2	1	5
	Negro-----Male-----	52	1	-	-	-	-	1	-	-	1
	Female-----	56	-	-	-	-	-	-	1	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
101	Diseases of lymphatic system-----	56	17	4	-	1	1	23	1	-	1
	White-----Male-----	18	7	3	-	-	-	10	-	-	-
	Female-----	25	10	-	-	-	1	11	-	-	-
	Negro-----Male-----	6	-	-	-	1	-	1	-	-	1
	Female-----	7	-	1	-	-	-	1	1	-	-
	Other-----Male-----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
102	High blood pressure (idiopathic)-----	1,911	-	-	-	-	-	-	-	1	3
	White-----Male-----	718	-	-	-	-	-	-	-	-	-
	Female-----	748	-	-	-	-	-	-	-	1	2
	Negro-----Male-----	197	-	-	-	-	-	-	-	-	1
	Female-----	245	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
103	Other diseases of circulatory system-----	213	3	2	-	-	-	5	5	2	5
	White-----Male-----	95	2	-	-	-	-	2	2	2	-
	Female-----	59	1	1	-	-	-	2	2	-	3
	Negro-----Male-----	29	-	1	-	-	-	1	-	-	2
	Female-----	27	-	-	-	-	-	-	1	-	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
VIII.—Diseases of the respiratory system-----											
		68,771	13,285	1,683	684	406	296	16,354	650	418	547
	White-----Male-----	33,911	5,710	714	276	163	128	7,011	289	153	228
	Female-----	24,283	4,544	577	240	131	120	5,412	233	148	176
	Negro-----Male-----	5,534	1,602	179	64	48	27	1,938	57	54	64
	Female-----	4,432	1,364	173	67	40	18	1,662	56	60	74
	Other-----Male-----	370	140	23	7	2	173	8	8	1	2
	Female-----	241	125	17	10	5	1	158	7	2	3
104	Diseases of nasal fossae, accessory sinuses-----	454	156	18	4	7	4	189	4	14	19
	White-----Male-----	181	55	6	1	3	1	66	1	4	12
	Female-----	163	43	1	1	2	3	50	2	6	5
	Negro-----Male-----	56	28	5	1	-	-	35	1	4	1
	Female-----	43	23	4	-	1	-	28	-	-	-
	Other-----Male-----	9	6	1	-	-	-	7	-	-	1
	Female-----	3	1	1	1	-	-	3	-	-	-
105	Diseases of larynx-----	290	90	46	14	15	13	178	23	2	4
	White-----Male-----	172	53	22	6	10	9	100	15	-	3
	Female-----	86	26	20	5	5	4	60	6	1	-
	Negro-----Male-----	12	5	2	2	-	-	9	-	-	-
	Female-----	18	6	1	1	-	-	8	1	1	1
	Other-----Male-----	1	-	1	-	-	-	1	-	-	-
	Female-----	1	-	-	-	-	-	-	1	-	-
106	Bronchitis-----	3,467	451	177	85	54	43	610	49	18	14
	White-----Male-----	1,903	205	97	50	26	21	339	28	8	8
	Female-----	1,268	169	60	29	23	18	239	19	6	5
	Negro-----Male-----	153	37	15	3	3	2	60	2	3	1
	Female-----	131	37	4	3	2	2	48	-	1	-
	Other-----Male-----	9	3	-	-	-	-	3	-	-	-
	Female-----	4	-	1	-	-	-	1	-	-	-
107	Bronchopneumonia (including capillary bronchitis)-----	28,087	7,999	846	325	173	138	9,481	267	180	159
	White-----Male-----	13,167	3,467	333	106	73	55	4,034	116	64	55
	Female-----	10,721	2,584	295	126	51	59	3,115	96	57	65
	Negro-----Male-----	2,084	967	91	47	24	16	1,165	25	18	13
	Female-----	1,908	806	103	35	19	8	971	26	19	16
	Other-----Male-----	161	82	15	3	1	-	101	1	1	-
	Female-----	126	73	9	8	5	-	95	3	1	-
108	Lobar pneumonia-----	20,272	2,239	325	132	80	51	2,827	177	124	181
	White-----Male-----	10,169	930	136	54	34	20	1,174	72	46	70
	Female-----	6,395	727	103	38	21	20	909	86	42	50
	Negro-----Male-----	2,026	269	45	21	12	5	352	16	15	28
	Female-----	1,520	269	36	16	13	4	338	19	21	41
	Other-----Male-----	109	22	1	2	-	-	25	3	-	1
	Female-----	53	22	4	1	-	-	28	1	-	1
109	Pneumonia (unspecified)-----	5,813	1,895	193	64	47	28	2,227	66	44	70
	White-----Male-----	2,712	780	77	30	23	13	923	29	15	28
	Female-----	1,982	828	73	21	14	10	746	20	16	21
	Negro-----Male-----	549	235	17	4	6	2	264	6	6	12
	Female-----	461	197	19	8	4	2	230	5	7	8
	Other-----Male-----	63	27	5	1	-	-	34	4	-	-
	Female-----	46	28	2	-	-	-	30	2	-	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	1,039	210	26	10	10	8	264	13	9	16
	White—Male	554	115	11	7	5	6	144	6	2	4
	Female	375	77	14	2	5	1	99	5	5	10
	Negro—Male	57	11	1	1	-	-	13	1	1	3
	Female	47	6	-	-	-	1	7	1	1	1
	Other—Male	3	-	-	-	-	-	-	-	-	-
	Female	3	1	-	-	-	-	1	-	-	-
109B	Pneumonia (all other, unspecified)	4,774	1,665	167	54	37	20	1,965	53	35	52
	White—Male	2,158	665	66	23	18	7	779	23	13	24
	Female	1,607	551	59	19	9	9	647	15	11	11
	Negro—Male	492	224	16	3	6	2	251	5	5	9
	Female	414	191	19	8	4	1	225	4	6	7
	Other—Male	60	27	5	1	-	1	34	4	-	-
	Female	43	27	2	-	-	-	29	2	-	1
110	Pleurisy (not tuberculous)	1,172	95	9	8	2	5	119	10	18	14
	White—Male	644	43	3	4	2	3	85	4	1	6
	Female	350	38	3	1	-	1	43	3	11	3
	Negro—Male	104	6	-	2	-	1	9	2	3	5
	Female	68	8	3	1	-	-	12	1	3	2
	Other—Male	6	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
111	Hemorrhagic infarction, thrombosis, edema*	4,202	132	15	8	3	3	161	7	10	54
	White—Male	1,869	63	12	2	1	1	79	3	3	18
	Female	1,903	48	1	4	2	1	56	3	2	11
	Negro—Male	228	16	1	-	-	-	17	1	2	2
	Female	193	4	1	2	-	1	8	-	2	3
	Other—Male	3	-	-	-	-	-	-	-	-	-
	Female	6	1	-	-	-	-	1	-	1	-
112	Asthma	2,712	32	15	21	14	7	89	24	12	21
	White—Male	1,462	15	4	12	5	2	38	11	3	5
	Female	963	15	8	6	8	3	40	6	4	11
	Negro—Male	150	1	1	2	-	1	5	4	3	2
	Female	133	1	2	1	1	1	6	3	2	2
	Other—Male	3	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	1
113	Pulmonary emphysema	328	32	3	2	1	-	38	2	-	1
	White—Male	253	14	3	2	-	-	19	-	-	1
	Female	49	11	-	-	1	-	12	2	-	-
	Negro—Male	21	4	-	-	-	-	4	-	-	-
	Female	4	3	-	-	-	-	3	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-
114	Other diseases of respiratory system (except tuberculosis)	1,974	164	56	21	10	4	235	21	16	20
	White—Male	1,359	85	21	9	6	3	124	10	9	12
	Female	403	55	13	9	4	1	82	10	3	5
	Negro—Male	151	14	2	2	-	-	18	-	-	2
	Female	53	10	-	-	-	-	10	1	4	1
	Other—Male	8	-	-	1	-	-	1	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
114a,b	Silicosis, other forms of pneumoconiosis	612	-	-	-	-	-	-	-	-	1
	White—Male	590	-	-	-	-	-	-	-	-	-
	Female	5	-	-	-	-	-	-	-	-	-
	Negro—Male	18	-	-	-	-	-	-	-	-	1
	Female	1	-	-	-	-	-	-	-	-	-
	Other—Male	1	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
114c-e	Other diseases of respiratory system (except tuberculosis)	1,362	164	36	21	10	4	235	21	16	19
	White—Male	769	85	21	9	6	3	124	10	9	12
	Female	400	55	13	9	4	1	82	10	3	5
	Negro—Male	133	14	2	2	-	-	18	-	-	1
	Female	53	10	-	-	-	-	10	1	4	1
	Other—Male	7	-	-	1	-	-	1	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
IX.—Diseases of the digestive system											
	White—Male	32,721	3,232	328	157	138	113	3,968	285	205	232
	Female	22,500	2,229	257	129	99	86	2,800	243	151	211
	Negro—Male	3,465	638	67	33	21	17	778	52	36	66
	Female	2,980	482	55	24	16	14	581	49	40	59
	Other—Male	251	89	19	1	1	1	110	5	1	2
	Female	158	69	6	8	4	3	90	4	-	-
115	Diseases of buccal cavity and adnexa, etc.*	1,360	138	52	56	69	66	381	197	70	64
	White—Male	557	65	25	27	28	31	176	79	26	17
	Female	517	41	15	18	31	24	129	82	26	30
	Negro—Male	132	7	6	4	4	7	40	10	7	6
	Female	145	13	5	4	6	4	32	21	11	9
	Other—Male	6	3	-	1	-	-	4	2	-	-
	Female	3	3	-	1	-	-	8	4	3	-
116	Diseases of esophagus	245	3	1	3	1	-	4	1	2	-
	White—Male	132	1	-	3	-	-	4	1	1	-
	Female	84	1	-	-	-	-	1	-	-	-
	Negro—Male	16	1	-	-	1	-	2	2	-	-
	Female	13	-	1	-	-	-	1	1	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
117	Ulcer of stomach or duodenum	8,611	36	1	3	3	2	45	4	8	23
	White—Male	6,504	16	-	1	-	1	18	1	3	11
	Female	1,376	10	-	2	2	1	15	3	4	8
	Negro—Male	518	4	1	-	1	-	6	-	-	2
	Female	183	6	-	-	-	-	6	-	1	1
	Other—Male	26	-	-	-	-	-	-	-	-	1
	Female	4	-	-	-	-	-	-	-	-	-

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

149

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.
25	29	30	40	42	43	45	67	62	76	87	79	53	43	10	2	-	2	109A
11	12	16	19	27	23	19	42	46	44	44	42	27	20	6	-	-	-	-
11	10	9	9	7	13	10	21	13	27	38	36	25	22	3	2	-	-	-
1	1	1	5	6	3	6	2	2	3	3	-	1	1	1	-	-	1	-
2	4	4	4	7	4	4	6	2	1	2	1	-	-	-	-	-	1	-
-	1	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1
-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
67	46	65	81	109	123	142	184	224	278	282	344	314	261	105	25	10	4	109B
23	18	27	29	57	59	60	103	116	151	139	166	161	124	45	15	4	3	-
16	15	20	22	24	31	22	41	67	90	110	146	128	125	55	8	3	-	-
10	10	9	17	18	25	17	24	23	17	13	14	14	7	1	-	3	-	-
17	4	9	13	10	12	22	15	17	14	11	14	7	4	3	1	-	1	-
1	1	-	-	-	1	1	-	1	3	7	4	2	1	1	-	-	-	-
-	1	-	-	-	1	-	1	-	3	2	-	2	-	-	1	-	-	-
27	31	38	68	51	71	100	125	120	105	102	79	46	38	5	3	1	-	110
12	16	13	34	24	29	63	81	81	62	66	48	24	22	1	2	-	-	-
9	10	15	21	15	21	18	30	29	33	27	25	18	14	4	2	1	-	-
4	4	4	9	7	11	14	8	7	6	5	5	1	1	-	-	1	-	-
2	1	6	5	5	9	4	4	3	3	3	1	3	1	-	-	-	-	-
-	-	-	-	-	1	1	2	-	1	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	63	88	103	140	173	233	254	278	339	441	535	493	474	244	68	12	1	111
16	22	41	38	50	68	98	142	144	184	214	245	191	201	82	24	4	-	-
25	29	28	39	55	66	76	78	107	114	203	269	277	261	158	37	8	1	-
6	4	7	6	16	23	35	25	15	24	14	12	6	7	3	3	-	-	-
11	8	12	20	19	16	24	8	12	15	10	8	8	5	1	3	-	-	-
-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
31	65	75	89	142	205	265	321	383	354	263	190	117	62	20	-	1	5	112
2	13	11	27	60	81	155	202	272	207	160	103	65	28	6	-	-	3	-
20	30	43	47	55	74	79	89	93	109	94	77	49	31	11	1	-	1	-
2	7	5	6	14	24	21	17	9	13	6	6	3	3	2	-	-	1	-
7	13	16	9	12	16	10	11	9	5	3	4	3	1	1	-	-	1	-
-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1	-	8	5	18	37	37	51	50	33	23	12	5	3	1	-	-	113
2	1	-	3	5	14	32	31	48	43	28	18	4	3	2	1	-	-	-
-	-	-	3	2	2	2	3	2	4	3	5	7	2	2	-	-	-	-
1	-	-	2	-	2	3	2	1	3	2	2	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
28	42	62	64	92	141	209	225	252	218	150	112	45	26	11	2	2	1	114
17	19	25	31	59	88	165	183	205	173	106	78	23	15	4	1	1	1	-
8	14	22	19	15	12	27	24	30	33	29	21	9	7	-	-	-	-	-
2	4	9	8	14	27	17	16	12	9	10	2	1	2	-	-	-	-	-
-	5	6	5	4	4	-	-	1	2	1	1	-	2	-	-	-	-	-
-	-	-	1	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	2	11	19	46	91	106	136	92	57	36	10	3	-	-	-	-	114a,b
-	2	1	8	16	40	88	104	135	92	57	36	10	3	-	-	-	-	-
-	-	-	3	3	6	2	2	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28	40	60	53	73	95	118	119	116	126	93	76	35	23	11	2	2	1	114c-e
17	17	24	25	43	58	77	79	72	81	49	42	15	12	4	1	1	1	-
8	14	21	19	15	12	26	24	29	33	29	21	9	7	-	-	-	-	-
2	4	9	5	11	21	15	14	11	9	10	2	1	-	-	-	-	-	-
-	5	6	5	4	4	-	1	3	2	1	2	-	2	-	-	-	-	-
1	-	-	1	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
728	1,033	1,463	2,375	3,271	4,261	5,380	6,085	6,449	6,357	5,528	4,357	2,806	1,432	427	86	18	23	-
278	386	630	1,122	1,644	2,341	3,062	3,603	3,849	3,597	3,056	2,235	1,319	678	177	39	4	14	-
267	388	549	827	1,120	1,209	1,671	1,929	2,169	2,369	2,186	1,956	1,361	703	237	42	8	4	-
84	99	142	192	253	332	329	308	240	229	160	77	48	24	7	5	1	3	-
95	156	156	218	238	287	291	226	170	132	109	78	49	24	5	1	5	1	-
3	2	3	9	10	5	19	13	16	24	12	6	7	2	1	-	-	1	-
1	2	3	7	6	7	9	6	5	6	5	5	2	1	-	-	-	-	-
51	48	52	51	41	47	54	43	45	51	50	43	28	27	11	3	1	2	115
21	15	19	18	14	20	20	22	18	20	20	21	10	15	3	2	-	-	-
17	15	22	18	13	15	16	12	18	25	22	21	14	11	8	1	1	1	-
5	8	7	6	6	4	8	6	6	4	4	1	1	1	-	-	-	-	-
8	10	4	9	8	8	10	3	3	4	4	3	3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	3	7	14	15	15	26	14	28	27	28	25	17	5	1	-	-	116
-	1	1	4	5	6	7	13	10	19	14	19	16	7	3	-	-	-	-
2	1	1	1	4	4	7	9	2	9	12	8	9	10	2	-	-	-	-
1	-	1	1	1	3	-	-	2	-	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	99	194	366	507	768	974	1,166	1,267	1,090	899	609	325	161	41	6	1	4	117
29	68	121	269	335	587	775	960	1,023	871	671	420	213	100	23	3	-	2	-
5	17	24	38	52	73	108	124	182	160	182	164	105	55	18	3	1	-	-
16	8	39	46	59	87	68	58	43	35	29	15	3	3	-	-	-	-	-
4	6	9	11	19	20	24	22	14	21	14	6	3	3	-	-	-	-	-
-	-	-	1	2	1	3	2	5	3	3	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	
	IX.—Diseases of the digestive system—Con.											
	Ulcer of stomach or duodenum—Continued											
117a	Ulcer of stomach	5,333	25	1	3	3	1	33	3	5	17	
	White—Male	3,901	11	-	1	-	-	12	1	3	7	
	Female	874	5	-	2	2	1	10	2	2	6	
	Negro—Male	384	3	1	-	1	-	5	-	-	2	
	Female	153	6	-	-	-	-	6	-	-	1	
	Other—Male	17	-	-	-	-	-	-	-	-	1	
	Female	4	-	-	-	-	-	-	-	-	-	
117b	Ulcer of duodenum	3,278	11	-	-	-	1	12	1	3	6	
	White—Male	2,603	5	-	-	-	1	6	-	-	4	
	Female	502	5	-	-	-	-	5	1	2	2	
	Negro—Male	134	1	-	-	-	-	1	-	-	-	
	Female	30	-	-	-	-	-	-	-	1	-	
	Other—Male	9	-	-	-	-	-	-	-	-	-	
	Female	-	-	-	-	-	-	-	-	-	-	
118	Other diseases of stomach (except cancer)	1,342	145	23	8	3	9	188	8	7	6	
	White—Male	601	74	10	-	2	2	88	2	3	1	
	Female	341	43	8	3	6	6	60	3	2	-	
	Negro—Male	182	16	4	3	1	-	24	3	2	2	
	Female	200	8	1	2	-	1	12	-	-	3	
	Other—Male	5	3	-	-	-	-	3	-	-	-	
	Female	3	1	-	-	-	-	1	-	-	-	
119	Diarrhea, enteritis, etc.* (under 2 years)	6,046	5,580	456	...	...	...	6,046	...	...	...
	White—Male	2,630	2,631	199	...	...	...	2,630	...	...	...
	Female	2,050	1,881	169	...	...	...	2,050	...	...	...
	Negro—Male	566	531	35	...	...	...	566	...	...	...
	Female	439	405	34	...	...	...	439	...	...	...
	Other—Male	94	79	15	...	...	...	94	...	...	...
	Female	67	63	4	...	...	...	67	...	...	...
120	Diarrhea, enteritis, etc.* (2 years and over)	2,023	...	...	99	48	34	181	85	22	50
	White—Male	803	...	...	39	19	14	72	28	9	26
	Female	885	...	...	35	16	12	63	28	8	20
	Negro—Male	127	...	...	14	4	2	20	4	3	2
	Female	187	...	...	7	5	4	16	4	1	2
	Other—Male	8	...	...	-	1	-	1	1	1	-
	Female	13	...	...	4	3	2	9	-	-	-
121	Appendicitis	4,786	29	47	76	87	70	309	215	205	228	
	White—Male	2,512	17	31	55	53	36	172	96	105	97	
	Female	1,632	8	11	35	27	27	108	83	69	87	
	Negro—Male	351	2	3	2	4	4	15	19	16	27	
	Female	274	2	2	3	3	2	12	15	15	18	
	Other—Male	11	-	-	1	-	-	1	1	-	-	
	Female	6	-	-	1	-	-	2	1	-	-	
122	Hernia and intestinal obstruction	10,764	559	76	49	28	25	737	74	50	85	
	White—Male	4,609	305	32	23	18	16	394	41	28	40	
	Female	4,593	169	18	16	3	5	211	20	11	20	
	Negro—Male	653	49	14	5	5	3	76	6	7	13	
	Female	669	30	6	4	1	1	42	4	4	11	
	Other—Male	26	5	4	-	-	-	9	-	-	1	
	Female	24	1	2	1	1	1	4	1	-	-	
122a	Hernia	4,492	-	16	13	4	1	34	9	12	13	
	White—Male	2,357	-	4	7	1	1	13	4	4	2	
	Female	1,744	-	3	2	1	-	6	2	2	-	
	Negro—Male	239	-	6	3	2	-	11	3	4	10	
	Female	136	-	1	1	-	-	2	-	2	1	
	Other—Male	8	-	2	-	-	-	2	-	-	-	
	Female	8	-	-	-	-	-	-	-	-	-	
122b	Intestinal obstruction	6,272	559	60	36	24	24	703	85	30	72	
	White—Male	2,452	305	28	16	17	15	381	37	24	38	
	Female	2,839	169	15	14	2	5	205	16	9	20	
	Negro—Male	414	49	6	2	3	3	65	5	3	3	
	Female	533	30	5	3	1	1	40	4	2	10	
	Other—Male	18	5	2	-	-	-	7	-	-	1	
	Female	16	1	2	1	1	5	1	-	-	-	
123	Other diseases of intestines	1,876	48	6	10	7	4	75	11	12	14	
	White—Male	970	19	2	6	4	2	33	6	7	5	
	Female	718	14	4	2	2	2	24	5	5	5	
	Negro—Male	98	7	-	-	-	-	7	-	-	2	
	Female	83	6	-	2	1	-	9	-	-	2	
	Other—Male	5	1	-	-	-	-	1	-	-	-	
	Female	2	1	-	-	-	-	1	-	-	-	
124	Cirrhosis of liver	14,940	33	15	7	10	4	89	16	26	29	
	White—Male	9,186	14	3	3	4	1	25	11	12	11	
	Female	4,803	11	7	3	5	1	27	4	10	16	
	Negro—Male	518	5	1	-	1	1	8	1	-	2	
	Female	376	3	4	1	-	1	9	-	4	-	
	Other—Male	43	-	-	-	-	-	-	-	-	-	
	Female	14	-	-	-	-	-	-	-	-	-	
124a	Cirrhosis of liver with mention of alcoholism	2,228	-	-	-	-	-	-	-	-	2	
	White—Male	1,543	-	-	-	-	-	-	-	-	2	
	Female	563	-	-	-	-	-	-	-	-	-	
	Negro—Male	72	-	-	-	-	-	-	-	-	-	
	Female	38	-	-	-	-	-	-	-	-	-	
	Other—Male	9	-	-	-	-	-	-	-	-	-	
	Female	3	-	-	-	-	-	-	-	-	-	
124b	Cirrhosis of liver without mention of alcoholism	12,712	33	15	7	10	4	69	16	26	27	
	White—Male	7,643	14	3	3	4	1	25	11	12	9	
	Female	4,240	11	7	3	5	1	27	4	10	16	
	Negro—Male	446	5	1	-	1	1	8	1	-	2	
	Female	338	3	4	1	-	1	9	-	4	-	
	Other—Male	34	-	-	-	-	-	-	-	-	-	
	Female	11	-	-	-	-	-	-	-	-	-	
125	Other diseases of liver	1,845	61	18	13	4	8	104	14	14	33	
	White—Male	822	36	7	8	3	4	58	5	4	15	
	Female	749	17	8	4	1	2	32	4	7	18	
	Negro—Male	141	3	1	1	-	-	5	1	2	5	
	Female	121	5	2	-	-	1	8	4	1	4	
	Other—Male	8	-	-	-	-	-	1	-	-	-	
	Female	4	-	-	-	-	-	-	-	-	-	

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

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.
41	59	124	217	303	459	586	720	777	674	577	373	210	110	35	5	1	4	117a
22	39	74	151	191	334	455	561	605	530	423	249	133	65	20	3	-	2	
3	10	14	22	56	44	57	79	125	98	114	103	72	39	15	2	1	-	
12	4	28	34	39	67	52	43	30	23	27	12	2	3	-	-	-	1	
4	6	7	9	16	14	19	18	12	19	12	5	2	3	-	-	-	-	
-	-	-	-	1	-	-	3	-	4	3	1	3	-	-	-	-	1	
-	-	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-	-	
13	40	70	149	204	309	388	446	490	416	322	236	115	51	6	1	-	-	117b
7	29	47	119	144	253	321	379	417	341	248	171	80	25	3	-	-	-	
2	7	10	16	36	29	46	46	57	61	68	61	33	16	3	1	-	-	
4	4	11	12	20	20	16	15	13	12	2	3	1	-	-	-	-	-	
-	-	2	2	3	6	5	4	2	2	2	1	-	-	-	-	-	-	
-	-	-	1	1	1	-	2	1	-	2	2	1	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	22	23	50	83	107	108	128	105	124	127	104	62	53	23	5	-	-	118
2	6	8	12	22	43	44	65	60	60	70	55	28	23	7	2	-	-	
5	1	7	12	14	18	14	19	15	36	37	30	28	26	12	2	-	-	
-	8	3	11	19	23	22	21	12	17	11	8	3	2	1	-	-	-	
2	7	5	15	27	23	28	22	18	11	9	10	3	2	2	1	-	-	
-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	
-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	119
...	
...	
...	
...	
...	
66	104	93	109	106	98	119	98	161	155	153	135	153	98	43	10	5	1	120
20	38	36	33	45	41	48	50	76	60	62	50	57	36	11	3	1	-	
34	47	42	47	42	38	44	32	57	72	63	65	83	54	30	4	2	-	
3	5	6	9	8	6	11	7	9	12	2	2	5	1	1	3	1	-	
9	14	9	19	11	12	16	9	18	13	15	7	5	5	1	1	1	-	
-	-	-	-	-	-	-	-	-	1	1	1	3	-	-	-	-	-	
197	212	221	244	283	321	368	406	452	396	313	233	116	50	20	3	-	3	121
97	102	109	129	145	169	209	218	261	177	121	58	25	21	6	3	-	3	
60	61	69	61	74	95	106	144	154	145	121	105	55	21	14	-	-	-	
17	18	24	29	54	30	26	31	24	23	13	2	2	2	-	-	-	-	
22	31	17	23	29	26	25	12	12	6	2	6	1	2	-	-	-	-	
1	-	2	2	1	1	2	1	1	1	-	-	-	-	-	-	-	-	
189	168	215	338	423	564	739	864	1,067	1,310	1,262	1,198	857	467	155	33	6	5	122
37	49	65	94	116	189	264	386	533	623	626	580	412	236	76	15	2	2	
49	81	99	145	196	235	321	347	430	583	553	570	405	213	74	16	3	2	
20	15	18	31	43	56	63	76	55	60	52	22	21	11	4	2	-	-	
22	41	33	65	63	84	84	52	49	38	28	17	6	4	1	1	1	1	
1	1	-	1	2	-	-	1	-	5	2	2	2	-	-	-	-	-	
13	25	42	82	117	213	327	398	536	707	623	587	439	229	66	16	4	-	122a
7	12	16	35	45	89	130	187	286	374	336	337	267	156	44	12	2	-	
2	5	16	24	48	86	137	172	218	298	284	239	152	68	21	2	2	-	
2	5	7	14	13	16	31	25	18	32	24	5	13	4	2	-	-	-	
2	3	3	7	11	23	26	12	14	11	7	5	5	1	1	-	-	-	
-	-	-	1	-	-	-	-	-	2	1	1	-	-	-	-	-	-	
-	-	-	1	-	-	3	2	-	1	1	-	-	-	-	-	-	-	
116	163	173	286	306	351	412	466	531	603	639	609	418	238	89	17	2	5	122b
30	37	49	59	71	101	134	198	247	249	290	243	145	80	32	4	-	2	
47	76	63	121	148	149	184	175	212	295	299	331	145	253	53	13	1	2	
19	10	11	17	30	40	32	51	37	28	28	17	8	7	4	-	-	-	
20	38	30	56	52	61	58	40	35	27	21	18	12	5	12	1	1	1	
1	1	-	2	-	-	-	-	-	3	1	-	-	-	-	-	-	-	
16	29	39	61	91	100	170	193	213	239	215	186	133	57	18	4	1	-	123
7	9	17	32	51	52	94	102	125	121	118	89	67	26	8	1	-	-	
7	10	13	15	24	25	55	75	73	104	86	88	63	30	10	3	-	-	
2	7	3	5	9	12	11	8	10	6	4	7	1	1	1	-	-	-	
2	3	6	7	7	13	9	8	5	4	4	-	-	-	-	-	-	-	
-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	-	-	-	
-	-	-	1	-	-	-	3	2	-	1	-	-	-	-	-	-	-	
51	128	363	773	1,193	1,584	1,928	2,027	1,870	1,715	1,359	1,004	539	223	46	10	3	6	124
23	48	169	402	635	980	1,245	1,369	1,270	1,119	845	570	262	103	21	4	1	4	
19	61	150	308	402	453	527	528	514	515	464	404	258	114	23	6	-	-	
4	11	19	27	54	70	85	71	54	52	26	18	9	4	1	-	-	2	
4	6	24	34	41	56	60	51	24	19	17	11	10	1	1	-	-	-	
-	-	-	1	2	3	8	6	6	8	6	1	-	-	-	-	-	-	
1	-	-	1	2	2	1	2	2	2	1	-	-	-	-	-	-	-	
5	29	99	224	287	365	345	312	226	163	95	51	20	2	1	-	-	2	124a
3	10	52	120	176	254	253	233	172	132	77	40	16	1	1	-	-	1	
1	16	37	89	95	93	74	61	44	26	15	10	2	-	-	-	-	-	
1	2	7	7	7	11	11	10	6	1	2	-	2	-	-	-	-	-	
-	-	3	4	9	6	9	6	2	1	1	-	-	1	-	-	-	-	
-	-	-	-	-	-	2	1	2	2	1	1	-	-	-	-	-	-	
-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	
46	99	264	549	906	1,199	1,591	1,715	1,644	1,552	1,264	953	519	221	45	10	3	4	124b
20	38	117	282	517	726	932	992	1,088	987	768	530	246	102	20	4	1	3	
18	45	113	219	307	360	453	467	470	489	448	394	256	114	23	6	-	-	
3	9	12	16	47	59	74	61	48	51	24	18	7	4	1	-	-	1	
4	7	21	30	32	50	53	45	22	18	17	11	10	1	1	-	-	-	
-	-	1	1	2	3	6	5	4	6	5	5	-	-	-	-	-	-	
-	-	-	-	-	1	1	1	2	1	1	-	-	-	-	-	-	-	
82	80	99	132	123	161	159	165	171	138	126	95	72	44	8	1	1	-	125
26	25	34	42	57	80	76	75	93	66	76	51	27	20	1	1	-	-	
31	27	40	61	53	63	61	65	70	62	45	38	43	24	7	-	-	-	
16	15	15	14	7	20	12	13	8	4	2	-	-	-	-	-	-	-	
8	12	10	13	6	16	8	8	4	4	3	-	-	-	-	-	-	-	
1	-	-	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-	
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.											
126	Biliary calculi-----	3,863	-	-	-	-	-	-	-	-	-
	White-----Male-----	1,227	-	-	-	-	-	-	-	-	-
	Female-----	2,551	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	12	-	-	-	-	-	-	-	-	-
	Female-----	61	-	-	-	-	-	-	-	-	-
	Other-----Male-----	6	-	-	-	-	-	-	-	-	-
	Female-----	6	-	-	-	-	-	-	-	-	-
127	Other diseases of gallbladder, biliary ducts-----	2,445	10	2	1	-	1	14	1	1	2
	White-----Male-----	886	7	2	-	-	-	9	-	1	2
	Female-----	1,422	2	-	1	-	1	4	1	-	-
	Negro-----Male-----	44	1	-	-	-	-	1	-	-	-
	Female-----	79	-	-	-	-	-	-	-	-	-
	Other-----Male-----	6	-	-	-	-	-	-	-	-	-
	Female-----	6	-	-	-	-	-	-	-	-	-
128	Diseases of pancreas (except diabetes mellitus)-----	1,039	43	27	17	14	7	108	7	3	4
	White-----Male-----	532	27	12	9	6	4	58	3	1	1
	Female-----	437	16	14	7	9	3	48	3	1	3
	Negro-----Male-----	44	-	1	-	-	-	1	1	-	-
	Female-----	31	-	-	1	-	-	1	-	1	-
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
129	Peritonitis (cause not stated)-----	870	44	8	9	5	4	70	20	14	25
	White-----Male-----	360	20	5	3	1	2	31	10	4	6
	Female-----	352	16	3	3	4	2	28	7	7	7
	Negro-----Male-----	53	1	-	2	-	-	5	3	1	3
	Female-----	99	4	-	-	-	-	4	-	2	9
	Other-----Male-----	5	1	-	-	-	-	1	-	-	-
	Female-----	1	-	-	1	-	-	1	-	-	-
X.—Diseases of the genito-urinary system-----											
	White-----Male-----	45,456	106	39	50	47	28	289	104	98	179
	Female-----	35,875	58	29	29	19	23	158	85	108	186
	Negro-----Male-----	7,745	28	16	8	5	4	61	21	21	26
	Female-----	6,828	17	12	7	4	4	44	14	14	44
	Other-----Male-----	172	1	1	-	-	2	4	1	-	3
	Female-----	87	1	-	1	-	1	3	-	-	3
130	Acute nephritis-----	2,114	88	55	33	35	24	235	86	64	80
	White-----Male-----	874	43	20	14	19	8	103	32	30	39
	Female-----	621	26	17	9	7	9	68	36	23	23
	Negro-----Male-----	311	10	9	4	5	2	30	9	8	9
	Female-----	295	9	8	5	4	4	30	9	3	4
	Other-----Male-----	5	-	1	-	-	1	2	-	-	2
	Female-----	8	-	-	1	1	2	2	-	-	3
131	Chronic nephritis-----	74,296	12	16	42	25	28	123	114	124	262
	White-----Male-----	53,655	5	7	26	20	15	73	61	48	112
	Female-----	29,062	2	5	13	5	11	36	40	61	115
	Negro-----Male-----	5,760	1	1	2	-	1	5	9	9	13
	Female-----	5,599	3	3	1	-	7	3	6	21	21
	Other-----Male-----	134	-	-	-	-	1	1	1	-	1
	Female-----	66	1	-	-	-	1	1	-	-	-
131a	Arteriosclerotic kidney-----	56,691	7	1	1	3	1	13	16	31	79
	White-----Male-----	25,402	3	-	-	2	-	5	9	9	27
	Female-----	22,726	1	1	-	1	1	4	4	16	37
	Negro-----Male-----	4,215	-	-	1	-	-	1	2	2	6
	Female-----	4,213	2	-	-	-	-	2	1	4	9
	Other-----Male-----	93	-	-	-	-	-	-	-	-	-
	Female-----	42	1	-	-	-	-	1	-	-	-
131b	Other chronic nephritis-----	17,605	5	15	41	22	27	110	96	95	185
	White-----Male-----	8,253	2	7	26	19	15	69	52	39	85
	Female-----	6,356	1	4	13	4	10	32	36	45	78
	Negro-----Male-----	1,545	1	1	1	-	1	4	7	7	7
	Female-----	1,366	1	3	1	-	5	2	2	2	12
	Other-----Male-----	41	-	-	-	-	1	1	1	-	1
	Female-----	24	-	-	-	-	-	-	-	-	-
132	Nephritis unspecified (10 years and over)-----	5,878	...	...	...	...	...	...	...	22	28
	White-----Male-----	1,769	...	...	...	...	...	...	...	8	9
	Female-----	1,255	...	...	...	...	...	...	...	11	14
	Negro-----Male-----	469	...	...	...	...	...	...	...	2	3
	Female-----	394	...	...	...	...	...	...	...	1	2
	Other-----Male-----	7	...	...	...	...	...	...	...	-	-
	Female-----	4	...	...	...	...	...	...	...	-	-
133	Other diseases of kidneys, ureters, etc.*-----	3,068	100	22	18	13	9	161	23	20	36
	White-----Male-----	1,436	52	10	8	7	5	82	10	8	18
	Female-----	1,198	26	7	7	6	2	49	8	7	16
	Negro-----Male-----	251	17	4	2	-	1	24	3	2	1
	Female-----	169	5	1	1	-	-	7	2	3	3
	Other-----Male-----	8	-	-	-	-	-	-	-	-	-
	Female-----	6	-	-	-	-	-	-	-	-	-
134	Calculi of urinary passages-----	1,398	3	-	1	-	-	4	1	4	3
	White-----Male-----	844	1	-	1	-	-	2	-	3	-
	Female-----	465	1	-	-	-	-	1	1	1	2
	Negro-----Male-----	50	-	-	-	-	-	-	-	-	-
	Female-----	35	-	-	-	-	-	-	-	-	1
	Other-----Male-----	3	1	-	-	-	-	1	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
135	Diseases of urinary bladder-----	605	5	1	1	2	1	10	1	-	-
	White-----Male-----	296	3	-	1	2	-	6	1	-	-
	Female-----	206	2	-	-	-	1	3	-	-	-
	Negro-----Male-----	68	-	1	-	-	-	1	-	-	-
	Female-----	14	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
136	Diseases of urethra (except calculus)-----	328	1	1	-	-	-	2	-	1	-
	White-----Male-----	163	-	1	-	-	-	1	-	1	-
	Female-----	31	1	-	-	-	-	1	-	-	-
	Negro-----Male-----	110	-	-	-	-	-	-	-	-	-
	Female-----	4	-	-	-	-	-	-	-	-	-
	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
X.—Diseases of the genito-urinary system—Continued											
137	Diseases of prostate—	7,092	-	-	-	-	-	-	-	-	1
	White—Male	6,392	-	-	-	-	-	-	-	-	1
	Negro—Male	696	-	-	-	-	-	-	-	-	-
	Other—Male	14	-	-	-	-	-	-	-	-	-
137a	Hypertrophy of prostate—	6,089	-	-	-	-	-	-	-	-	1
	White—Male	5,516	-	-	-	-	-	-	-	-	1
	Negro—Male	558	-	-	-	-	-	-	-	-	-
	Other—Male	14	-	-	-	-	-	-	-	-	-
137b	Other diseases of prostate—	1,003	-	-	-	-	-	-	-	-	-
	White—Male	866	-	-	-	-	-	-	-	-	-
	Negro—Male	137	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
138	Diseases of other male genital organs (not venereal)—	27	2	1	-	-	-	3	-	-	-
	White—Male	17	2	-	-	-	-	2	-	-	-
	Negro—Male	10	-	1	-	-	-	1	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
139	Diseases of female genital organs—	1,137	-	-	-	1	-	1	-	6	29
	White—Female	837	-	-	-	1	-	1	-	5	16
	Negro—Female	298	-	-	-	-	-	-	-	1	13
	Other—Female	2	-	-	-	-	-	-	-	-	-
139a	Diseases of ovaries, fallopian tubes, parametria—	640	-	-	-	1	-	1	-	2	26
	White—Female	403	-	-	-	1	-	1	-	2	14
	Negro—Female	236	-	-	-	-	-	-	-	-	12
	Other—Female	1	-	-	-	-	-	-	-	-	-
139b	Diseases of uterus—	475	-	-	-	-	-	-	-	3	3
	White—Female	417	-	-	-	-	-	-	-	2	2
	Negro—Female	57	-	-	-	-	-	-	-	1	1
	Other—Female	1	-	-	-	-	-	-	-	-	-
139c	Diseases of other female genital organs*—	22	-	-	-	-	-	-	-	1	-
	White—Female	17	-	-	-	-	-	-	-	1	-
	Negro—Female	5	-	-	-	-	-	-	-	-	-
	Other—Female	-	-	-	-	-	-	-	-	-	-
XI.—Diseases of pregnancy, childbirth, and the puerperium—											
		4,978	-	-	-	-	-	-	-	21	488
	White—Female	3,555	-	-	-	-	-	-	-	6	285
	Negro—Female	1,368	-	-	-	-	-	-	-	15	204
	Other—Female	55	-	-	-	-	-	-	-	-	1
140	Abortion with mention of infection—	373	-	-	-	-	-	-	-	2	42
	White—Female	258	-	-	-	-	-	-	-	-	20
	Negro—Female	134	-	-	-	-	-	-	-	2	22
	Other—Female	-	-	-	-	-	-	-	-	-	-
141	Abortion without mention of infection—	213	-	-	-	-	-	-	-	1	15
	White—Female	147	-	-	-	-	-	-	-	-	11
	Negro—Female	64	-	-	-	-	-	-	-	1	4
	Other—Female	2	-	-	-	-	-	-	-	-	-
141a,c	Abortion (nonseptic), spontaneous, therapeutic, with toxemia*—	59	-	-	-	-	-	-	-	-	5
	White—Female	41	-	-	-	-	-	-	-	-	4
	Negro—Female	17	-	-	-	-	-	7	-	-	1
	Other—Female	1	-	-	-	-	-	-	-	-	-
141b	Abortion (nonseptic), spontaneous, therapeutic, without toxemia*—	73	-	-	-	-	-	-	-	-	5
	White—Female	47	-	-	-	-	-	-	-	-	4
	Negro—Female	25	-	-	-	-	-	-	-	-	1
	Other—Female	1	-	-	-	-	-	-	-	-	-
141d-f	Other abortions (nonseptic)*—	81	-	-	-	-	-	-	-	1	5
	White—Female	59	-	-	-	-	-	-	-	-	3
	Negro—Female	22	-	-	-	-	-	-	-	1	2
	Other—Female	-	-	-	-	-	-	-	-	-	-
142	Ectopic gestation—	300	-	-	-	-	-	-	-	-	10
	White—Female	200	-	-	-	-	-	-	-	-	5
	Negro—Female	99	-	-	-	-	-	-	-	-	5
	Other—Female	1	-	-	-	-	-	-	-	-	-
142a	Ectopic gestation, with mention of infection—	51	-	-	-	-	-	-	-	-	1
	White—Female	35	-	-	-	-	-	-	-	-	-
	Negro—Female	18	-	-	-	-	-	-	-	-	1
	Other—Female	-	-	-	-	-	-	-	-	-	-
142b	Ectopic gestation, without mention of infection—	249	-	-	-	-	-	-	-	-	9
	White—Female	167	-	-	-	-	-	-	-	-	5
	Negro—Female	81	-	-	-	-	-	-	-	-	4
	Other—Female	1	-	-	-	-	-	-	-	-	-
143	Hemorrhage of pregnancy (death before delivery)—	62	-	-	-	-	-	-	-	-	2
	White—Female	41	-	-	-	-	-	-	-	-	1
	Negro—Female	19	-	-	-	-	-	-	-	-	1
	Other—Female	2	-	-	-	-	-	-	-	-	-
144	Toxemias of pregnancy (death before delivery)—	497	-	-	-	-	-	-	-	5	81
	White—Female	321	-	-	-	-	-	-	-	2	48
	Negro—Female	171	-	-	-	-	-	-	-	3	32
	Other—Female	5	-	-	-	-	-	-	-	-	1
145	Other diseases of pregnancy (death before delivery)*—	255	-	-	-	-	-	-	-	2	18
	White—Female	187	-	-	-	-	-	-	-	-	9
	Negro—Female	65	-	-	-	-	-	-	-	2	9
	Other—Female	3	-	-	-	-	-	-	-	-	-
145A	With mention of infection—	162	-	-	-	-	-	-	-	1	9
	White—Female	130	-	-	-	-	-	-	-	-	5
	Negro—Female	31	-	-	-	-	-	-	-	1	4
	Other—Female	1	-	-	-	-	-	-	-	-	-
145B	Without mention of infection—	93	-	-	-	-	-	-	-	1	9
	White—Female	57	-	-	-	-	-	-	-	-	4
	Negro—Female	34	-	-	-	-	-	-	-	1	5
	Other—Female	2	-	-	-	-	-	-	-	-	-
146	Hemorrhage of childbirth and puerperium—	798	-	-	-	-	-	-	-	1	40
	White—Female	602	-	-	-	-	-	-	-	1	28
	Negro—Female	167	-	-	-	-	-	-	-	-	12
	Other—Female	19	-	-	-	-	-	-	-	-	-

*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
<p>XI.—Diseases of pregnancy, childbirth, and the puerperium—Continued</p>											
147	Infection during childbirth and puerperium-----	1,006	-	-	-	-	-	-	-	2	64
	White-----Female--	755	-	-	-	-	-	-	-	-	48
	Negro-----Female--	244	-	-	-	-	-	-	-	2	56
	Other-----Female--	7	-	-	-	-	-	-	-	-	-
148	Puerperal toxemias (excluding death before delivery)-----	784	-	-	-	-	-	-	-	6	131
	White-----Female--	542	-	-	-	-	-	-	-	2	75
	Negro-----Female--	230	-	-	-	-	-	-	-	4	56
	Other-----Female--	12	-	-	-	-	-	-	-	-	-
149	Other accidents and specified conditions of childbirth-----	376	-	-	-	-	-	-	-	2	28
	White-----Female--	297	-	-	-	-	-	-	-	1	17
	Negro-----Female--	76	-	-	-	-	-	-	-	1	11
	Other-----Female--	1	-	-	-	-	-	-	-	-	-
150	Other and unspecified conditions of childbirth and puerperium-----	325	-	-	-	-	-	-	-	-	37
	White-----Female--	225	-	-	-	-	-	-	-	-	21
	Negro-----Female--	97	-	-	-	-	-	-	-	-	16
	Other-----Female--	3	-	-	-	-	-	-	-	-	-
<p>XII.—Diseases of the skin and cellular tissue-----</p>											
		954	149	15	5	2	-	171	7	16	40
	White-----Male-->	348	69	9	-	1	-	79	3	8	9
	White-----Female--	430	41	4	3	1	-	48	3	5	25
	Negro-----Male--	65	19	-	1	-	-	20	1	-	1
	Negro-----Female--	95	14	1	1	-	-	16	-	3	4
	Other-----Male--	8	4	1	-	-	-	5	-	-	-
	Other-----Female--	4	2	-	-	-	-	2	-	-	1
151	Carbuncle and furuncle-----	49	5	-	-	-	-	5	-	1	2
	White-----Male--	23	1	-	-	-	-	1	-	1	1
	White-----Female--	15	-	-	-	-	-	-	-	-	1
	Negro-----Male--	4	2	-	-	-	-	2	-	-	-
	Negro-----Female--	5	-	-	-	-	-	-	-	-	-
	Other-----Male--	2	2	-	-	-	-	2	-	-	-
	Other-----Female--	-	-	-	-	-	-	-	-	-	-
152	Phlegmon and acute abscess-----	134	14	5	2	1	-	22	3	5	3
	White-----Male--	62	4	2	-	-	-	6	3	4	2
	White-----Female--	42	4	2	1	1	-	8	-	1	-
	Negro-----Male--	17	3	-	1	-	-	4	-	-	1
	Negro-----Female--	12	2	1	-	-	-	3	-	-	-
	Other-----Male--	1	1	-	-	-	-	1	-	-	-
	Other-----Female--	-	-	-	-	-	-	-	-	-	-
153	Other diseases of skin and cellular tissue-----	771	130	10	3	1	-	144	4	10	35
	White-----Male--	265	64	7	-	1	-	72	-	3	6
	White-----Female--	581	37	2	2	-	-	41	3	4	24
	Negro-----Male--	42	14	-	-	-	-	14	1	-	-
	Negro-----Female--	76	12	1	1	-	-	13	-	3	4
	Other-----Male--	5	1	1	-	-	-	2	-	-	-
	Other-----Female--	4	2	-	-	-	-	2	-	-	1
<p>XIII.—Diseases of the bones, etc.*-----</p>											
		726	24	7	4	6	6	47	12	18	29
	White-----Male--	331	12	3	1	3	2	21	2	13	17
	White-----Female--	307	8	3	-	3	3	17	4	2	8
	Negro-----Male--	49	1	1	2	-	-	4	4	2	2
	Negro-----Female--	36	2	-	1	-	1	4	1	1	2
	Other-----Male--	1	1	-	-	-	-	1	-	-	-
	Other-----Female--	2	-	-	-	-	-	-	1	-	-
154	Osteomyelitis and periostitis-----	190	5	4	2	1	3	15	4	2	3
	White-----Male--	94	2	3	1	1	-	7	-	1	-
	White-----Female--	55	1	1	-	-	3	5	-	-	2
	Negro-----Male--	26	1	-	1	-	-	2	2	1	-
	Negro-----Female--	13	1	-	-	-	-	1	1	1	1
	Other-----Male--	-	-	-	-	-	-	-	-	-	-
	Other-----Female--	2	-	-	-	-	-	-	1	-	-
155	Other diseases of bones (except tuberculosis)-----	206	7	1	-	-	1	9	1	3	1
	White-----Male--	80	4	-	-	-	1	5	-	1	1
	White-----Female--	113	3	-	-	-	-	3	-	1	-
	Negro-----Male--	7	-	1	-	-	-	1	1	1	-
	Negro-----Female--	6	-	-	-	-	-	-	-	-	-
	Other-----Male--	-	-	-	-	-	-	-	-	-	-
	Other-----Female--	-	-	-	-	-	-	-	-	-	-
156	Diseases of joints, other organs of movement-----	330	12	2	2	5	2	23	7	13	25
	White-----Male--	157	6	-	-	2	1	9	2	11	16
	White-----Female--	139	4	2	-	3	-	9	4	1	6
	Negro-----Male--	16	-	-	1	-	-	1	1	-	2
	Negro-----Female--	17	1	-	1	-	1	3	-	1	1
	Other-----Male--	1	1	-	-	-	-	1	-	-	-
	Other-----Female--	-	-	-	-	-	-	-	-	-	-
<p>XIV.—Congenital malformations-----</p>											
		20,315	17,076	729	315	203	140	16,463	343	189	209
	White-----Male--	10,259	8,691	328	143	90	52	9,304	180	96	126
	White-----Female--	8,494	7,140	330	132	95	77	7,774	126	72	58
	Negro-----Male--	854	688	37	25	10	2	762	17	9	9
	Negro-----Female--	622	488	29	13	8	9	547	19	7	15
	Other-----Male--	45	35	3	1	-	-	39	1	3	-
	Other-----Female--	41	34	2	1	-	-	37	-	2	1
157a-d	Congenital malformations of central nervous system-----	5,992	4,741	338	148	86	54	5,367	130	54	59
	White-----Male--	2,839	2,055	141	65	36	20	2,517	74	29	40
	White-----Female--	2,986	2,442	162	68	40	30	2,742	44	23	11
	Negro-----Male--	202	129	19	12	6	1	167	6	1	3
	Negro-----Female--	148	103	14	3	4	3	127	5	-	5
	Other-----Male--	8	5	1	-	-	-	6	1	1	-
	Other-----Female--	8	7	1	-	-	-	8	-	-	-

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

GENERAL TABLES—DEATHS FROM EACH CAUSE

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.
210	247	208	164	79	127	-	-	-	-	-	-	-	-	-	-	-	-	147
156	198	160	124	62	77	-	-	-	-	-	-	-	-	-	-	-	-	-
53	49	46	38	15	5	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198	150	156	120	40	7	1	-	-	-	-	-	-	-	-	-	-	-	148
141	103	99	87	28	6	1	-	-	-	-	-	-	-	-	-	-	-	-
50	44	34	30	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	84	79	74	35	4	-	-	-	-	-	-	-	-	-	-	-	-	149
54	76	59	57	29	4	-	-	-	-	-	-	-	-	-	-	-	-	-
15	8	20	17	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	74	67	46	21	5	-	-	-	-	-	-	-	-	-	-	-	-	150
49	57	52	30	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-
25	16	15	15	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	43	37	48	42	53	49	54	58	52	72	76	47	40	13	3	1	-	-
7	7	8	8	11	17	15	17	25	25	35	33	23	14	1	2	1	-	-
21	28	18	24	19	22	24	30	21	26	28	39	21	23	11	1	-	-	-
2	2	5	2	6	5	5	5	6	-	5	1	-	1	-	-	-	-	-
2	6	8	14	5	8	7	2	6	1	4	3	2	1	1	-	-	-	-
-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	1	2	4	5	1	6	3	4	2	7	3	1	-	-	-	151
-	-	-	-	2	2	2	-	2	2	3	5	2	5	2	-	-	-	-
1	-	-	1	1	1	2	1	2	1	1	-	2	1	1	-	-	-	-
-	1	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-
2	7	4	6	3	5	6	12	8	5	11	15	10	5	2	-	-	-	152
2	1	-	3	2	2	6	6	4	4	7	8	6	2	2	-	-	-	-
-	2	1	2	-	2	2	2	1	1	3	7	3	3	3	2	-	-	-
-	2	1	1	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	35	33	41	37	44	38	41	44	44	57	59	30	32	10	3	1	-	153
5	6	8	9	9	13	13	11	19	19	25	23	12	10	1	2	1	-	-
21	26	17	21	18	19	20	26	17	24	24	32	16	19	8	1	-	-	-
1	3	2	2	5	4	2	2	3	-	4	1	1	1	1	-	-	-	-
2	3	6	13	4	7	3	2	5	1	4	3	1	1	1	-	-	-	-
-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-
26	17	22	35	43	38	34	49	64	51	77	65	56	31	9	-	3	-	-
14	9	8	14	20	14	16	27	33	35	26	30	18	11	2	-	1	-	-
8	5	9	16	20	12	12	17	27	18	46	35	23	19	7	-	2	-	-
3	2	1	4	2	6	6	4	1	6	3	2	3	-	-	-	-	-	-
1	1	4	-	1	6	4	1	3	2	2	-	2	1	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2	8	9	13	12	9	14	19	17	13	16	16	8	1	-	1	-	154
3	1	5	4	7	6	5	9	12	8	7	7	9	3	1	-	1	-	-
-	1	2	2	5	1	1	3	3	4	6	9	6	4	-	-	-	-	-
3	1	1	1	1	1	1	1	1	4	4	4	3	1	-	-	-	-	-
1	-	1	-	-	-	2	1	2	1	1	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	1	1	3	5	8	11	24	21	38	28	21	29	6	-	2	-	155
1	1	1	2	1	4	4	5	11	13	11	10	7	5	1	-	-	-	-
1	-	-	-	2	2	1	1	12	7	25	18	13	14	5	-	2	-	-
-	-	-	-	1	1	1	1	1	1	2	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	14	13	24	27	21	17	24	22	23	26	21	7	4	2	-	-	-	156
10	8	8	8	12	8	7	13	10	14	8	13	2	3	1	-	-	-	-
7	4	7	14	13	8	9	9	12	7	15	8	4	1	1	-	-	-	-
-	1	1	2	1	1	1	2	-	1	3	-	1	-	-	-	-	-	-
-	1	3	-	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186	170	133	123	114	102	90	74	42	24	27	17	5	2	-	-	-	-	2
99	87	68	59	58	48	45	34	27	9	11	8	1	2	-	-	-	-	1
72	64	57	48	44	45	41	35	15	14	15	11	4	-	-	-	-	-	1
10	10	5	11	8	4	4	3	-	-	2	-	-	-	-	-	-	-	-
5	7	3	5	6	5	-	1	-	1	1	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	51	45	59	45	41	36	19	10	7	4	2	3	1	-	-	-	-	1
30	28	22	24	22	14	15	12	7	1	1	1	1	1	-	-	-	-	1
23	16	18	29	15	23	20	7	3	5	3	2	2	2	-	-	-	-	-
4	5	4	4	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-
1	2	1	2	2	3	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

157a-d

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
XIV.—Congenital malformations—Continued											
157e,f	Congenital malformations of cardiovascular system---	9,620	8,042	322	130	96	72	8,682	181	119	127
	White-----Male----	5,042	4,273	151	61	42	28	4,555	88	58	75
	Female----	3,816	3,160	139	49	49	40	3,437	72	44	39
	Negro-----Male----	379	311	16	9	2	-	338	9	8	4
	Female----	332	259	13	9	3	4	288	12	5	9
	Other-----Male----	26	19	2	1	-	-	22	-	2	-
	Female----	25	20	1	1	-	-	22	-	2	-
157g,h,m	Other congenital malformations-----	4,703	4,293	69	37	21	14	4,434	32	16	23
	White-----Male----	2,578	2,363	36	17	12	4	2,432	18	9	11
	Female----	1,692	1,538	29	15	6	7	1,585	10	5	8
	Negro-----Male----	273	248	2	4	2	1	257	2	-	2
	Female----	141	126	2	1	1	2	132	2	2	1
	Other-----Male----	11	11	-	-	-	-	11	-	-	-
	Female----	8	7	-	-	-	-	7	-	-	1
XV.—Diseases peculiar to the first year of life-----											
		65,308	65,308	...	...	...	...	65,308	...	...	...
	White-----Male----	32,916	32,916	...	...	...	...	32,916	...	...	...
	Female----	22,640	22,640	...	...	...	...	22,640	...	...	...
	Negro-----Male----	5,262	5,262	...	...	...	...	5,262	...	...	...
	Female----	4,117	4,117	...	...	...	...	4,117	...	...	...
	Other-----Male----	209	209	...	...	...	...	209	...	...	...
	Female----	164	164	...	...	...	...	164	...	...	...
158	Congenital debility (cause not stated)-----	1,718	1,718	...	...	...	...	1,718	...	...	...
	White-----Male----	726	726	...	...	...	...	726	...	...	...
	Female----	469	469	...	...	...	...	469	...	...	...
	Negro-----Male----	261	261	...	...	...	...	261	...	...	...
	Female----	223	223	...	...	...	...	223	...	...	...
	Other-----Male----	21	21	...	...	...	...	21	...	...	...
	Female----	18	18	...	...	...	...	18	...	...	...
159	Premature birth (cause not stated)-----	41,053	41,053	...	...	...	...	41,053	...	...	...
	White-----Male----	20,206	20,206	...	...	...	...	20,206	...	...	...
	Female----	14,566	14,566	...	...	...	...	14,566	...	...	...
	Negro-----Male----	3,279	3,279	...	...	...	...	3,279	...	...	...
	Female----	2,788	2,788	...	...	...	...	2,788	...	...	...
	Other-----Male----	119	119	...	...	...	...	119	...	...	...
	Female----	95	95	...	...	...	...	95	...	...	...
160	Injury at birth-----	13,075	13,075	...	...	...	...	13,075	...	...	...
	White-----Male----	7,088	7,088	...	...	...	...	7,088	...	...	...
	Female----	4,375	4,375	...	...	...	...	4,375	...	...	...
	Negro-----Male----	945	945	...	...	...	...	945	...	...	...
	Female----	611	611	...	...	...	...	611	...	...	...
	Other-----Male----	34	34	...	...	...	...	34	...	...	...
	Female----	22	22	...	...	...	...	22	...	...	...
161	Other diseases peculiar to first year of life-----	9,462	9,462	...	...	...	...	9,462	...	...	...
	White-----Male----	4,896	4,896	...	...	...	...	4,896	...	...	...
	Female----	3,230	3,230	...	...	...	...	3,230	...	...	...
	Negro-----Male----	777	777	...	...	...	...	777	...	...	...
	Female----	495	495	...	...	...	...	495	...	...	...
	Other-----Male----	35	35	...	...	...	...	35	...	...	...
	Female----	29	29	...	...	...	...	29	...	...	...
162	XVI.—Senility-----	9,706	-	-	-	-	-	-	-	-	-
	White-----Male----	3,772	-	-	-	-	-	-	-	-	-
	Female----	4,444	-	-	-	-	-	-	-	-	-
	Negro-----Male----	675	-	-	-	-	-	-	-	-	-
	Female----	739	-	-	-	-	-	-	-	-	-
	Other-----Male----	33	-	-	-	-	-	-	-	-	-
	Female----	43	-	-	-	-	-	-	-	-	-
XVII.—Violent or accidental deaths-----											
		124,825	3,731	1,558	1,224	1,034	909	8,456	3,308	2,942	6,506
	White-----Male----	76,236	1,684	750	649	518	483	4,084	1,919	1,891	4,201
	Female----	32,546	1,263	534	371	337	275	2,780	885	566	1,237
	Negro-----Male----	11,464	363	152	105	81	79	801	303	361	822
	Female----	3,779	370	109	85	64	64	717	182	102	198
	Other-----Male----	636	25	8	7	6	5	49	13	18	4
	Female----	164	6	7	6	3	3	25	7	4	8
163,164	Suicide-----	16,538	-	-	-	-	-	-	5	55	328
	White-----Male----	12,076	-	-	-	-	-	-	4	43	202
	Female----	3,653	-	-	-	-	-	-	1	6	93
	Negro-----Male----	397	-	-	-	-	-	-	-	4	14
	Female----	110	-	-	-	-	-	-	-	1	15
	Other-----Male----	87	-	-	-	-	-	-	-	1	4
	Female----	15	-	-	-	-	-	-	-	-	-
163	Suicide by poisoning-----	3,690	-	-	-	-	-	-	-	4	80
	White-----Male----	2,016	-	-	-	-	-	-	-	2	31
	Female----	1,564	-	-	-	-	-	-	-	1	41
	Negro-----Male----	56	-	-	-	-	-	-	-	-	3
	Female----	44	-	-	-	-	-	-	-	-	5
	Other-----Male----	6	-	-	-	-	-	-	-	-	-
	Female----	4	-	-	-	-	-	-	-	-	-
164	Suicide by other means-----	12,848	-	-	-	-	-	-	5	51	248
	White-----Male----	10,060	-	-	-	-	-	-	4	41	171
	Female----	2,289	-	-	-	-	-	-	1	5	52
	Negro-----Male----	341	-	-	-	-	-	-	-	4	11
	Female----	86	-	-	-	-	-	-	-	-	10
	Other-----Male----	81	-	-	-	-	-	-	-	1	4
	Female----	11	-	-	-	-	-	-	-	-	-
165-168	Homicide ¹ -----	6,555	174	12	16	24	11	237	52	70	434
	White-----Male----	3,012	81	7	3	13	10	114	19	22	104
	Female----	941	74	4	10	8	1	97	16	17	46
	Negro-----Male----	3,634	14	1	1	3	-	19	11	25	215
	Female----	893	5	-	2	-	-	7	6	6	70
	Other-----Male----	61	-	-	-	-	-	-	-	-	1
	Female----	14	-	-	-	-	-	-	-	-	-

¹Includes 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 ¹ —Continued											
166	Homicide by firearms-----	4,922	8	3	4	8	2	25	20	36	288
	White-----Male----	1,776	5	2	2	2	2	13	10	11	84
	Female-----	522	3	1	2	4	2	10	2	7	30
	Negro-----Male----	2,144	-	-	-	-	-	2	6	16	132
	Female-----	439	-	-	-	-	-	2	2	-	40
	Other-----Male----	36	-	-	-	-	-	-	-	-	-
	Female-----	5	-	-	-	-	-	-	-	-	-
167	Homicide by cutting or piercing instruments-----	1,981	9	1	2	1	-	13	5	8	126
	White-----Male----	412	3	-	-	1	-	4	1	3	32
	Female-----	112	5	1	2	-	-	8	2	1	6
	Negro-----Male----	1,147	1	-	-	-	-	1	-	2	70
	Female-----	294	-	-	-	-	-	-	-	2	18
	Other-----Male----	12	-	-	-	-	-	-	-	-	-
	Female-----	4	-	-	-	-	-	-	-	-	-
168	Homicide by other means-----	1,682	157	8	10	15	9	199	29	26	42
	White-----Male----	824	73	5	1	10	8	97	8	8	8
	Female-----	307	66	2	6	4	1	79	12	9	10
	Negro-----Male----	343	13	1	1	1	-	16	5	5	11
	Female-----	160	5	-	2	-	-	7	4	4	12
	Other-----Male----	13	-	-	-	-	-	-	-	-	1
	Female-----	5	-	-	-	-	-	-	-	-	-
169-195	Accidental deaths-----	99,579	3,557	1,546	1,208	1,010	898	8,219	3,252	2,817	5,753
	White-----Male----	61,107	1,803	743	646	505	473	3,970	1,896	1,826	3,895
	Female-----	27,751	1,189	530	361	329	274	2,683	868	543	1,098
	Negro-----Male----	7,323	369	151	105	78	79	782	292	332	594
	Female-----	2,775	365	109	83	89	64	710	176	95	113
	Other-----Male----	488	25	6	7	6	5	49	13	17	35
	Female-----	135	6	7	6	3	3	25	7	4	8
169	Railway accidents (except collisions with motor vehicles)-----	2,663	2	23	19	8	2	52	41	51	87
	White-----Male----	2,039	1	11	12	6	2	32	31	30	62
	Female-----	196	1	8	4	-	-	15	6	12	10
	Negro-----Male----	350	-	1	3	-	-	4	2	6	11
	Female-----	44	-	2	-	-	-	2	2	3	1
	Other-----Male----	32	-	1	-	-	-	-	-	-	3
	Female-----	2	-	-	-	-	-	-	-	-	-
170	Motor-vehicle accidents-----	32,697	172	297	310	364	359	1,502	1,371	904	3,018
	White-----Male----	22,959	94	144	165	198	206	807	817	591	2,071
	Female-----	6,751	63	128	123	127	116	557	406	231	718
	Negro-----Male----	2,217	6	13	12	19	24	74	98	55	166
	Female-----	534	6	7	9	17	10	49	44	23	48
	Other-----Male----	179	2	1	1	3	2	9	4	3	11
	Female-----	57	1	4	-	-	1	6	2	1	4
170a	Collisions between automobiles and trains-----	1,738	14	3	12	7	11	47	38	59	189
	White-----Male----	1,214	9	2	8	6	5	30	19	32	115
	Female-----	404	4	1	3	1	6	15	16	27	63
	Negro-----Male----	90	-	-	1	-	-	1	2	-	5
	Female-----	20	1	-	-	-	-	1	1	-	6
	Other-----Male----	7	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
170b	Collisions between automobiles and streetcars-----	102	1	-	-	-	-	1	-	1	9
	White-----Male----	71	1	-	-	-	-	1	-	-	7
	Female-----	22	-	-	-	-	-	-	-	-	2
	Negro-----Male----	9	-	-	-	-	-	-	-	-	1
	Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male----	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
170c	Automobile accidents (except collisions with trains or streetcars)-----	30,074	157	294	298	356	347	1,452	1,329	836	2,666
	White-----Male----	20,992	84	142	157	191	201	775	795	553	1,814
	Female-----	6,246	59	127	120	126	109	541	389	202	636
	Negro-----Male----	2,090	6	15	11	19	24	73	96	54	160
	Female-----	512	5	7	9	17	10	48	43	23	41
	Other-----Male----	170	2	1	1	3	2	9	4	3	11
	Female-----	56	1	4	-	-	1	6	2	1	4
170d	Motorcycle accidents (except collisions with automobiles)-----	785	-	-	-	1	1	2	4	8	154
	White-----Male----	682	-	-	-	1	1	1	3	6	135
	Female-----	79	-	-	-	-	1	1	1	2	17
	Negro-----Male----	20	-	-	-	-	-	-	-	-	1
	Female-----	2	-	-	-	-	-	-	-	-	1
	Other-----Male----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
171	Streetcar and other road-transport accidents-----	597	2	-	3	2	2	9	26	32	13
	White-----Male----	405	1	-	2	-	1	4	15	23	10
	Female-----	114	1	-	1	-	1	3	6	6	1
	Negro-----Male----	62	-	-	-	-	-	-	5	3	1
	Female-----	13	-	-	-	2	-	2	-	-	1
	Other-----Male----	3	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
171a	Streetcar accidents (except collisions with trains or motor vehicles)-----	422	-	-	2	1	1	4	5	6	6
	White-----Male----	283	-	-	1	-	-	1	4	5	6
	Female-----	91	-	-	1	-	1	2	1	-	-
	Negro-----Male----	38	-	-	-	-	-	-	-	1	-
	Female-----	9	-	-	-	1	-	1	-	-	-
	Other-----Male----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
171b	Other and unspecified road-transport accidents-----	175	2	-	1	1	1	5	21	26	7
	White-----Male----	122	1	-	1	-	1	3	11	18	4
	Female-----	23	1	-	-	-	-	1	5	6	1
	Negro-----Male----	24	-	-	-	-	-	-	5	2	1
	Female-----	4	-	-	-	1	-	1	-	-	1
	Other-----Male----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-

¹Includes 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-----	1,244	1	4	1	3	3	12	30	65	140
	White-----Male-----	1,012	1	3	-	1	2	7	18	47	112
	Female-----	97	-	1	1	1	1	4	9	9	17
	Negro-----Male-----	119	-	-	-	-	-	-	3	5	19
	Female-----	14	-	-	-	1	-	1	-	4	-
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
173	Air-transport accidents-----	2,015	2	6	5	1	2	16	10	15	170
	White-----Male-----	1,767	-	5	3	1	1	10	5	15	134
	Female-----	232	2	1	2	-	1	6	5	-	33
	Negro-----Male-----	13	-	-	-	-	-	-	-	-	3
	Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
174	Accidents in mines and quarries-----	1,509	-	1	1	1	3	6	14	25	59
	White-----Male-----	1,392	-	1	1	1	2	5	12	15	47
	Female-----	11	-	-	-	-	1	1	-	3	-
	Negro-----Male-----	102	-	-	-	-	-	-	2	7	11
	Female-----	2	-	-	-	-	-	-	-	-	1
	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
175	Agricultural and forestry accidents-----	2,287	3	22	21	19	11	76	59	81	128
	White-----Male-----	1,972	1	15	14	14	8	52	44	61	101
	Female-----	86	1	7	7	3	3	21	10	10	8
	Negro-----Male-----	196	-	-	-	2	-	2	4	8	18
	Female-----	6	1	-	-	-	-	1	1	-	-
	Other-----Male-----	15	-	-	-	-	-	-	-	-	1
	Female-----	2	-	-	-	-	-	-	-	-	-
175a-c	Agricultural accidents-----	1,858	3	22	21	19	11	76	59	81	104
	White-----Male-----	1,594	1	15	14	14	8	52	44	63	85
	Female-----	94	1	7	7	3	3	21	10	10	8
	Negro-----Male-----	152	-	-	-	2	-	2	4	8	13
	Female-----	6	1	-	-	-	-	1	1	-	-
	Other-----Male-----	10	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	-	-	-	-	-	-	-
175d,e	Forestry accidents-----	429	-	-	-	-	-	-	-	-	24
	White-----Male-----	378	-	-	-	-	-	-	-	-	18
	Female-----	2	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	44	-	-	-	-	-	-	-	-	5
	Female-----	-	-	-	-	-	-	-	-	-	-
	Other-----Male-----	5	-	-	-	-	-	-	-	-	1
	Female-----	-	-	-	-	-	-	-	-	-	-
176	Other accidents involving machinery-----	1,208	1	5	6	3	4	19	17	19	65
	White-----Male-----	1,017	1	4	2	3	3	13	13	13	45
	Female-----	36	-	1	3	-	1	5	2	3	3
	Negro-----Male-----	151	-	-	-	-	-	-	2	2	15
	Female-----	3	-	-	-	-	-	-	-	-	-
	Other-----Male-----	1	-	-	1	-	-	1	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
177	Food poisoning-----	318	30	12	17	11	1	71	15	10	1
	White-----Male-----	150	15	5	6	3	-	28	4	6	1
	Female-----	81	6	4	3	4	1	18	3	-	-
	Negro-----Male-----	53	7	1	6	2	-	16	3	1	-
	Female-----	51	2	2	2	2	-	8	3	3	-
	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
178	Accidental absorption of poisonous gas-----	1,938	24	18	8	13	7	70	22	15	79
	White-----Male-----	1,218	12	7	5	11	2	37	15	4	35
	Female-----	574	9	6	1	2	3	23	6	9	32
	Negro-----Male-----	96	-	2	1	-	1	4	1	2	6
	Female-----	39	3	1	1	-	1	6	-	-	6
	Other-----Male-----	10	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-
179	Acute accidental poisoning by solids or liquids-----	1,504	59	215	87	51	5	395	17	5	43
	White-----Male-----	725	21	82	38	16	2	189	7	3	14
	Female-----	509	25	62	26	10	1	124	4	2	17
	Negro-----Male-----	158	5	41	13	3	1	85	3	-	8
	Female-----	98	6	28	10	2	1	47	3	-	4
	Other-----Male-----	16	2	-	-	-	-	2	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-
180	Conflagration-----	3,315	205	179	151	151	116	782	245	103	90
	White-----Male-----	1,572	52	59	55	42	47	254	79	33	39
	Female-----	821	65	59	31	36	28	218	75	55	51
	Negro-----Male-----	501	50	31	33	26	19	159	44	23	14
	Female-----	385	40	32	28	25	20	145	44	12	5
	Other-----Male-----	22	-	-	1	-	1	2	2	-	1
	Female-----	14	-	-	3	-	1	4	1	-	1
181	Accidental burns (except conflagration)-----	4,685	171	191	199	152	136	839	271	131	133
	White-----Male-----	2,057	79	85	83	49	37	333	85	58	61
	Female-----	1,590	60	63	64	57	37	306	122	37	43
	Negro-----Male-----	501	13	24	18	14	15	84	16	10	15
	Female-----	504	19	19	21	25	27	112	50	22	11
	Other-----Male-----	19	-	-	1	1	-	2	-	2	1
	Female-----	14	-	-	1	-	-	1	-	2	2
182	Accidental mechanical suffocation-----	1,930	1,663	31	8	7	6	1,713	16	13	11
	White-----Male-----	948	767	16	4	4	4	795	12	12	8
	Female-----	574	527	12	2	2	2	545	1	1	3
	Negro-----Male-----	203	170	1	-	1	-	172	2	-	-
	Female-----	187	184	2	-	-	-	186	-	-	-
	Other-----Male-----	15	13	-	-	-	-	13	-	-	-
	Female-----	3	2	-	-	-	-	2	1	-	-
183	Accidental drowning-----	5,737	39	239	202	108	116	704	595	686	748
	White-----Male-----	4,122	19	153	156	76	86	490	440	439	488
	Female-----	721	12	73	36	25	27	173	89	101	77
	Negro-----Male-----	741	3	5	4	3	3	18	55	124	162
	Female-----	98	5	3	4	2	4	14	7	14	12
	Other-----Male-----	47	-	3	1	-	-	4	4	7	8
	Female-----	8	-	2	1	2	-	5	-	1	1

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
	XVII.—Violent or accidental deaths—Con.										
	Accidental deaths—Continued										
184	Accidental injury by firearms	2,386	7	15	16	30	35	101	141	300	408
	White—Male	1,617	2	6	8	15	14	43	67	228	294
	Female	217	2	1	5	7	9	23	33	21	28
	Negro—Male	456	2	5	3	6	11	27	25	45	75
	Female	96	1	1	—	4	2	6	15	6	9
	Other—Male	15	—	—	—	—	—	—	2	2	2
	Female	5	—	—	—	—	—	—	1	—	—
185	Accidental injury by cutting or piercing instruments	285	2	2	7	5	12	28	45	25	17
	White—Male	125	1	1	1	1	6	10	22	7	4
	Female	64	—	1	3	4	2	10	11	9	5
	Negro—Male	61	1	—	2	—	2	5	6	6	6
	Female	52	—	—	—	—	1	1	4	1	4
	Other—Male	2	—	—	—	—	1	1	—	—	—
	Female	1	—	—	1	—	—	1	—	—	—
186	Accidental injury by fall or crushing	24,587	163	98	43	46	30	380	125	114	137
	White—Male	10,689	69	50	25	22	22	187	84	81	150
	Female	12,661	67	51	12	17	8	155	32	22	22
	Negro—Male	615	14	9	2	—	2	27	8	10	18
	Female	372	11	7	4	5	—	27	1	1	5
	Other—Male	44	1	—	—	1	—	2	—	—	4
	Female	16	2	1	—	1	—	4	—	—	—
186a	Accidental injury by fall	25,961	156	95	41	33	25	346	114	102	182
	White—Male	10,547	68	46	23	16	18	171	78	75	140
	Female	12,622	60	50	18	11	3	116	28	20	20
	Negro—Male	584	14	9	2	—	2	27	8	8	15
	Female	368	11	7	4	4	—	4	—	1	5
	Other—Male	44	1	—	—	1	—	2	—	—	4
	Female	16	2	1	—	1	—	4	—	—	—
186b	Accidental injury by crushing	456	7	5	2	13	7	54	11	12	15
	White—Male	342	—	4	2	8	4	36	6	8	10
	Female	39	7	1	—	6	3	17	4	2	3
	Negro—Male	51	—	—	—	—	—	—	—	—	—
	Female	4	—	—	—	1	—	1	1	—	—
	Other—Male	—	—	—	—	—	—	—	—	—	—
	Female	—	—	—	—	—	—	—	—	—	—
187	Cataclysm, etc.*	593	13	4	14	3	10	44	28	16	21
	White—Male	198	8	3	5	—	6	20	14	8	7
	Female	156	5	1	9	2	4	20	12	4	5
	Negro—Male	23	—	—	1	—	—	1	2	4	6
	Female	14	1	—	—	1	—	2	—	—	3
	Other—Male	1	1	—	—	—	—	1	—	—	—
	Female	1	—	—	—	—	—	—	—	—	—
188	Injury by animals (except in agriculture and forestry)	113	3	5	—	3	3	14	14	9	6
	White—Male	82	—	3	—	3	3	9	9	6	6
	Female	20	3	1	—	—	—	4	5	—	—
	Negro—Male	8	—	1	—	—	—	1	—	1	—
	Female	2	—	—	—	—	—	—	—	—	—
	Other—Male	1	—	—	—	—	—	—	—	1	—
	Female	—	—	—	—	—	—	—	—	—	—
189	Hunger or thirst	26	7	1	—	—	—	8	—	—	1
	White—Male	14	2	—	—	—	—	2	—	—	1
	Female	9	3	1	—	—	—	4	—	—	—
	Negro—Male	2	1	—	—	—	—	1	—	—	—
	Female	1	1	—	—	—	—	1	—	—	—
	Other—Male	—	—	—	—	—	—	—	—	—	—
	Female	—	—	—	—	—	—	—	—	—	—
190	Excessive cold	270	13	2	1	—	1	17	1	3	3
	White—Male	168	1	2	—	—	1	4	—	1	2
	Female	34	6	—	1	—	—	7	—	1	—
	Negro—Male	46	4	—	—	—	—	4	1	1	—
	Female	16	2	—	—	—	—	2	—	—	—
	Other—Male	7	—	—	—	—	—	—	—	—	1
	Female	1	—	—	—	—	—	—	—	—	—
191	Excessive heat	540	28	1	3	1	2	35	2	1	6
	White—Male	375	11	—	2	1	1	15	1	—	3
	Female	85	11	1	1	—	1	14	—	1	2
	Negro—Male	54	4	—	—	—	—	4	1	—	—
	Female	25	2	—	—	—	—	2	—	—	1
	Other—Male	5	—	—	—	—	—	—	—	—	—
	Female	—	—	—	—	—	—	—	—	—	—
192	Lightning	538	—	2	—	1	1	4	15	28	46
	White—Male	220	—	1	—	1	1	3	12	12	25
	Female	52	—	—	—	—	—	—	—	6	13
	Negro—Male	44	—	1	—	—	—	1	—	7	5
	Female	18	—	—	—	—	—	—	1	3	2
	Other—Male	4	—	—	—	—	—	—	—	—	1
	Female	—	—	—	—	—	—	—	—	—	—
193	Accidents due to electric currents (except lightning)	867	5	10	9	4	3	31	12	29	64
	White—Male	759	2	5	6	2	2	17	12	25	49
	Female	45	3	5	2	2	1	13	—	4	7
	Negro—Male	56	—	—	1	—	—	1	—	—	7
	Female	4	—	—	—	—	—	—	—	—	—
	Other—Male	1	—	—	—	—	—	—	—	—	1
	Female	1	—	—	—	—	—	—	—	—	—
194	Poisoning by venomous animals (except in agriculture and forestry)*	64	4	2	2	1	1	10	6	4	1
	White—Male	41	1	1	1	—	1	4	4	2	1
	Female	16	—	1	1	1	—	3	1	2	—
	Negro—Male	5	2	—	—	—	—	2	1	—	—
	Female	1	1	—	—	—	—	1	—	—	—
	Other—Male	1	—	—	—	—	—	—	—	—	—
	Female	—	—	—	—	—	—	—	—	—	—
195	Other accidents	6,255	938	165	89	64	27	1,282	118	137	172
	White—Male	3,486	445	82	52	37	15	629	76	104	126
	Female	1,968	313	61	24	22	9	455	25	14	25
	Negro—Male	512	87	16	6	2	1	112	11	14	18
	Female	218	80	5	4	2	2	93	3	3	2
	Other—Male	42	6	1	2	1	1	11	1	2	1
	Female	9	1	—	—	—	1	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
	XVII.—Violent or accidental deaths—Con.										
	Accidental deaths—Continued										
	Other accidents—Continued										
195a	Sequelae of preventive immunization, etc.*	16	3	-	1	1	1	6	1	-	1
	White—Male	9	2	-	-	1	1	3	1	-	1
	Female	6	1	-	-	-	-	3	-	-	-
	Negro—Male	-	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
195b	Other accidents due to medical or surgical intervention	44	4	1	2	2	1	10	6	1	1
	White—Male	19	3	1	-	2	-	6	3	-	-
	Female	15	-	-	1	-	-	1	-	-	1
	Negro—Male	9	1	-	1	-	-	2	3	-	-
	Female	4	-	-	-	-	1	1	-	1	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
195d	Obstruction, suffocation, etc.*	1,206	718	112	53	22	14	919	20	8	5
	White—Male	645	353	56	35	17	6	475	11	5	3
	Female	404	246	37	15	4	4	306	6	3	2
	Negro—Male	81	56	16	3	-	1	75	-	-	-
	Female	67	48	2	3	1	1	55	2	-	-
	Other—Male	6	3	1	1	-	1	6	-	-	-
	Female	3	1	-	-	-	1	2	1	-	-
195c,e	Other and unspecified accidents	4,989	215	52	32	39	11	347	91	128	165
	White—Male	2,814	77	25	19	17	7	145	61	98	122
	Female	1,585	70	24	9	18	4	125	19	11	22
	Negro—Male	422	31	-	2	-	-	35	8	14	18
	Female	146	32	3	1	1	-	37	1	2	2
	Other—Male	36	3	-	1	-	-	5	1	2	1
	Female	6	-	-	-	-	-	-	1	-	-
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	153	-	-	-	-	-	-	-	-	11
	White—Male	41	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-
	Negro—Male	110	-	-	-	-	-	-	-	-	11
	Female	1	-	-	-	-	-	-	-	-	-
	Other—Male	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-
	XVIII.—Ill-defined and unknown causes	17,650	4,095	250	106	56	49	4,556	111	84	136
	White—Male	7,055	1,131	73	26	18	18	1,266	38	26	41
	Female	3,657	883	63	26	12	14	998	18	20	24
	Negro—Male	3,732	1,082	39	27	13	10	1,171	25	15	26
	Female	3,010	859	42	16	5	5	927	22	16	41
	Other—Male	211	78	3	4	6	1	92	6	1	2
	Female	185	62	10	7	2	1	82	2	6	2
199	Sudden death	1,149	113	7	1	2	3	126	3	1	5
	White—Male	581	40	2	-	-	1	43	2	-	3
	Female	205	26	2	-	-	1	30	-	-	2
	Negro—Male	214	23	-	-	-	1	24	1	-	-
	Female	143	23	3	1	1	-	28	-	1	-
	Other—Male	5	-	-	-	-	-	-	-	-	-
	Female	1	1	-	-	-	-	1	-	-	-
200	Ill-defined and unknown causes	16,701	3,982	223	105	54	46	4,410	108	83	131
	White—Male	6,474	1,091	71	26	18	17	1,225	36	26	38
	Female	3,452	867	61	26	11	15	968	18	20	22
	Negro—Male	3,518	1,089	39	27	13	9	1,147	24	15	26
	Female	2,867	836	39	15	4	5	899	22	15	41
	Other—Male	206	78	3	4	6	1	92	6	1	2
	Female	184	61	10	7	2	1	81	2	6	2
200a	Ill-defined causes	7,511	657	91	38	16	22	824	37	27	39
	White—Male	3,708	217	35	9	8	10	279	13	8	15
	Female	1,669	185	32	14	5	7	243	5	9	6
	Negro—Male	1,145	109	15	13	2	3	142	10	3	8
	Female	909	124	7	1	1	2	135	8	6	11
	Other—Male	51	17	1	-	-	-	18	1	-	1
	Female	5	5	1	1	-	-	7	-	1	-
200b,c	Unknown or unspecified causes	9,190	3,325	132	67	38	24	3,586	71	56	92
	White—Male	2,766	874	36	17	10	7	944	23	18	25
	Female	1,783	672	29	12	6	6	725	13	11	16
	Negro—Male	2,373	350	24	14	6	6	1,005	14	12	18
	Female	1,958	712	32	14	3	3	764	14	9	30
	Other—Male	155	61	2	4	1	1	74	5	1	1
	Female	155	56	9	6	2	1	74	2	5	2

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

GENERAL TABLES-DEATHS FROM EACH CAUSE

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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.
-	2	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	195a
-	1	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	6	2	4	2	3	2	3	1	-	1	-	-	-	-	-	-	-	195b
1	1	1	1	1	1	1	3	1	-	1	-	-	-	-	-	-	-	-
1	5	1	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	9	16	17	28	13	17	27	31	22	24	17	15	6	4	-	-	-	195d
2	3	6	11	19	10	11	13	19	15	18	8	9	3	4	-	-	-	-
5	5	6	5	5	3	4	4	11	6	5	8	6	3	-	-	-	-	-
1	1	1	1	3	-	1	1	-	-	1	1	-	-	-	-	-	-	-
198	204	205	214	246	250	260	305	307	301	357	428	425	365	150	31	4	8	195e,e
132	134	141	150	168	185	202	223	221	180	175	168	145	103	44	10	1	4	-
17	17	22	24	27	21	21	43	57	83	166	248	265	253	101	21	2	4	-
36	43	26	32	40	35	32	28	22	26	8	5	7	2	1	1	1	4	-
6	9	15	6	6	5	5	7	7	10	7	5	6	6	3	-	1	-	-
5	1	1	1	5	3	3	4	-	2	1	5	1	1	1	-	-	-	-
2	-	-	1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	197
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	32	20	18	8	7	2	1	-	2	-	-	-	-	-	-	-	-	198
14	9	6	9	-	1	2	-	-	-	1	-	-	-	-	-	-	-	-
38	23	14	9	8	5	-	1	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
218	256	327	507	646	877	1,097	1,214	1,494	1,677	1,527	1,264	919	518	225	78	62	77	-
66	66	108	188	255	348	485	567	751	800	714	605	380	217	64	20	3	38	-
41	64	74	73	114	132	157	204	248	311	342	319	242	166	76	14	2	18	-
43	49	62	111	142	216	244	243	269	318	280	198	144	66	36	23	17	14	-
60	69	73	117	126	171	195	184	191	224	168	128	135	58	45	14	40	6	-
1	3	4	3	7	5	8	9	9	16	12	11	11	6	1	3	-	1	-
7	5	6	4	2	5	8	7	6	8	11	5	7	5	1	4	-	1	-
9	14	17	30	47	78	99	104	136	135	151	100	54	32	4	-	1	5	199
2	8	9	14	21	33	47	59	73	77	80	55	26	27	1	-	-	2	-
2	2	1	2	6	16	11	12	19	28	28	24	17	2	3	-	-	2	-
2	3	2	7	13	20	26	21	29	20	28	12	4	1	-	-	-	1	-
3	1	5	7	6	9	15	10	15	10	15	9	6	2	-	-	1	-	-
-	-	-	-	1	-	-	3	-	-	-	-	1	-	-	-	-	-	-
209	242	310	477	599	799	938	1,110	1,358	1,542	1,376	1,164	865	486	221	78	61	74	200
64	58	99	185	234	315	438	509	678	723	654	546	354	190	63	20	3	56	-
39	62	73	71	108	118	146	192	229	283	314	295	225	164	73	14	2	18	-
41	46	60	104	129	196	218	222	260	299	252	186	140	65	36	23	17	13	-
57	68	68	110	120	162	180	174	176	214	153	119	129	56	45	14	39	6	-
1	3	4	3	6	5	8	6	9	16	12	11	10	6	1	3	-	1	-
7	5	6	4	2	5	8	7	6	9	11	5	7	5	3	4	-	1	-
80	99	139	233	325	447	596	650	806	905	774	639	429	259	97	29	13	24	200a
31	22	47	101	129	190	310	330	477	512	429	389	230	132	42	11	1	12	-
20	27	32	42	60	59	86	116	129	182	201	176	125	95	40	9	1	6	-
9	19	26	62	64	117	111	110	110	121	98	63	44	12	9	6	2	4	-
19	31	31	45	68	76	82	91	85	84	47	29	27	18	4	2	9	1	-
-	-	1	3	4	3	4	1	4	4	1	2	2	1	-	-	-	1	-
1	-	2	-	-	2	3	2	1	3	3	-	1	1	2	1	-	-	-
129	143	171	224	274	352	402	460	532	637	602	505	436	227	124	49	48	50	200b,o
33	36	52	84	105	125	128	179	201	211	205	159	124	58	21	9	2	24	-
19	35	41	29	48	57	80	76	100	101	113	119	100	69	33	5	1	12	-
32	27	34	42	65	79	107	112	150	177	159	123	96	53	27	17	15	9	-
38	37	37	65	52	86	98	83	91	130	106	90	102	38	41	12	30	5	-
1	3	3	2	2	2	4	4	5	12	11	9	8	5	1	3	-	-	-
6	5	4	4	2	3	5	5	5	6	8	5	6	4	1	3	-	-	-

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, 1947

STATE OF OCCURRENCE	Total births occurring in State	Births to residents occurring in place of residence	BIRTHS TO NONRESIDENTS ¹														
			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-----	3,693,940	2,352,063	1,347,877	1,256,494	91,383	2,165	350	1,507	1,893	732	1,576	350	1,630	1,307	1,687	1,042	5,668
Alabama-----	66,961	62,290	24,891	23,661	1,030	...	1	3	18	2	5	2	5	344	170	-	15
Arizona-----	19,492	11,610	7,862	7,193	689	3	...	15	152	11	2	-	-	3	-	5	19
Arkansas-----	43,132	33,588	15,544	13,886	1,656	4	1	...	23	4	1	2	2	2	4	1	14
California-----	245,482	136,566	108,916	107,430	1,486	27	60	35	...	35	12	11	12	24	16	23	67
Colorado-----	33,236	21,185	12,051	10,957	1,094	8	13	14	54	...	8	-	2	15	7	10	44
Connecticut-----	44,724	26,566	18,158	17,439	719	2	-	2	5	1	...	1	2	11	2	-	4
Delaware-----	7,967	4,256	3,631	3,111	520	-	-	-	-	1	1	...	-	5	1	-	-
District of Columbia-----	29,480	20,056	8,424	...	8,424	6	-	4	8	2	5	1	...	6	6	-	12
Florida-----	61,563	39,800	21,763	18,700	3,063	310	4	58	160	24	64	3	19	...	291	17	115
Georgia-----	95,532	64,935	30,597	28,322	2,275	1,033	-	1	14	1	4	-	6	380	...	-	14
Idaho-----	15,843	8,458	7,395	6,765	620	-	3	2	22	3	2	-	-	1	...	1	1
Illinois-----	192,310	125,260	67,050	65,079	1,971	10	3	9	15	8	1	-	3	9	17	1	...
Indiana-----	96,726	57,510	39,216	36,439	2,777	3	2	5	6	-	-	1	4	3	6	-	1,652
Iowa-----	65,007	34,967	30,040	27,407	2,633	2	1	3	29	9	1	-	3	4	1	9	978
Kansas-----	43,151	26,241	16,810	15,152	1,758	6	7	14	37	131	2	-	1	8	12	2	31
Kentucky-----	79,809	59,334	26,810	18,390	2,065	13	-	15	15	4	3	1	7	14	18	3	114
Louisiana-----	74,415	51,394	23,021	22,319	702	14	1	115	8	-	2	-	2	5	6	2	6
Maine-----	23,556	14,557	8,999	8,678	321	2	1	-	11	1	23	1	2	4	1	1	5
Maryland-----	54,817	37,147	17,770	14,205	3,565	12	6	9	62	5	12	206	1,240	32	17	1	30
Massachusetts-----	108,494	66,386	42,108	39,867	2,241	2	1	-	9	2	530	-	5	7	6	1	8
Michigan-----	160,966	94,382	66,484	65,052	1,432	8	3	11	6	1	1	-	4	9	2	-	52
Minnesota-----	75,478	46,812	28,666	26,775	1,891	1	-	3	22	6	2	-	1	4	-	5	28
Mississippi-----	66,721	52,327	14,394	13,038	1,356	293	1	35	20	4	5	2	2	26	23	-	23
Missouri-----	92,324	57,987	34,437	29,600	4,837	5	5	174	36	26	7	-	6	6	10	7	1,490
Montana-----	14,780	9,728	5,052	4,824	228	-	5	-	12	6	-	-	-	-	-	25	2
Nebraska-----	32,017	20,407	11,610	10,513	1,097	-	-	4	21	54	1	-	1	2	1	4	19
Nevada-----	4,190	2,989	1,321	1,032	289	-	2	4	162	5	-	-	2	2	-	7	1
New Hampshire-----	13,658	8,432	5,176	5,912	1,264	-	1	-	2	-	9	-	7	1	-	-	1
New Jersey-----	103,195	47,941	55,254	54,055	1,199	-	-	1	2	1	15	6	2	6	-	-	1
New Mexico-----	20,536	14,570	5,966	4,887	1,079	5	108	13	64	97	6	-	2	15	4	8	33
New York-----	324,248	223,326	100,922	97,019	3,903	10	3	3	34	3	485	6	26	56	14	-	21
North Carolina-----	115,690	72,311	41,379	38,984	2,395	36	8	16	67	8	11	3	30	76	153	7	55
North Dakota-----	17,344	8,804	8,540	7,319	1,221	-	-	-	12	5	-	-	1	1	-	-	9
Ohio-----	197,275	123,413	73,862	70,099	3,763	8	3	2	21	4	5	1	6	8	5	1	41
Oklahoma-----	52,971	35,540	17,431	16,125	1,306	8	16	69	81	41	4	1	3	13	13	3	36
Oregon-----	36,369	19,690	16,479	15,296	1,183	-	3	3	200	2	2	-	-	1	1	311	3
Pennsylvania-----	246,573	141,657	106,916	102,744	4,172	5	3	-	14	3	22	84	30	14	15	-	20
Rhode Island-----	18,501	10,254	8,247	7,335	912	2	-	-	5	1	264	-	9	3	1	-	1
South Carolina-----	59,203	42,225	16,978	16,167	811	16	2	4	10	-	3	-	9	19	120	-	14
South Dakota-----	16,277	8,999	7,278	6,560	718	-	1	-	3	2	-	-	1	-	-	1	3
Tennessee-----	88,921	61,067	27,854	23,415	4,439	247	4	653	79	12	8	6	28	60	605	8	119
Texas-----	197,254	147,710	49,544	48,044	1,500	5	13	192	33	25	2	2	3	5	4	1	13
Utah-----	21,972	13,312	8,660	8,110	550	3	43	2	46	78	-	-	3	-	-	141	6
Vermont-----	9,320	5,143	4,177	3,756	421	-	1	-	2	-	16	-	-	2	-	1	-
Virginia-----	82,141	53,837	28,304	25,110	3,194	44	2	17	77	7	19	8	114	76	43	3	56
Washington-----	59,429	36,524	22,905	20,704	2,201	7	10	12	172	41	10	2	10	13	7	415	39
West Virginia-----	55,468	37,223	18,245	15,438	2,807	5	-	-	2	-	1	-	15	6	2	-	3
Wisconsin-----	85,321	47,799	35,522	34,276	1,245	-	3	1	5	-	-	-	-	4	1	1	444
Wyoming-----	7,161	5,519	1,643	1,305	340	2	2	4	15	57	-	-	-	3	1	19	6

¹See discussion in text for definition of nonresident.

GENERAL TABLES—LIVE BIRTHS

TABLE 9.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE— UNITED STATES AND EACH STATE, 1947—Continued

STATE OF OCCURRENCE	BIRTHS TO NONRESIDENTS ¹ —Continued																		
	Interstate nonresidents—Continued																		
	State of residence—Continued																		
	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Neb.	Nev.	N. H.	N. J.	N. Mex.	N. Y.
UNITED STATES	2,410	1,484	3,142	2,263	917	639	5,335	1,538	1,651	1,990	1,085	2,573	534	1,212	140	873	4,246	865	2,905
Alabama	8	4	5	12	16	2	5	3	10	3	108	4	1	5	-	1	8	-	26
Arizona	16	10	11	3	2	-	2	8	9	13	-	14	5	7	7	1	4	196	16
Arkansas	5	5	13	3	33	-	-	3	9	2	17	305	1	4	-	1	3	2	7
California	24	41	28	17	28	3	12	32	44	43	14	51	13	26	29	6	19	17	63
Colorado	22	20	95	7	3	3	2	18	20	24	7	38	7	130	3	-	5	104	29
Connecticut	2	4	1	-	-	5	5	132	6	-	-	1	-	-	-	10	17	-	430
Delaware	-	-	-	-	2	-	141	-	2	-	-	1	-	-	2	-	140	-	13
District of Columbia	4	4	5	3	3	1	3,901	7	8	6	3	4	-	2	-	-	10	1	16
Florida	52	48	40	49	64	27	43	108	76	50	57	58	8	22	1	11	67	7	208
Georgia	8	6	6	15	9	1	8	5	12	3	12	8	-	1	-	3	8	8	33
Idaho	4	1	2	2	-	-	-	1	3	3	-	3	53	6	3	1	-	1	1
Illinois	673	131	16	132	3	-	4	3	66	27	3	433	5	5	2	-	3	1	25
Indiana	...	1	1	223	1	-	1	2	274	1	1	4	1	2	1	-	1	3	12
Iowa	7	...	8	2	1	-	1	1	7	217	-	419	2	472	-	-	5	3	6
Kansas	8	24	...	9	10	5	3	5	15	15	6	775	-	107	1	3	5	9	16
Kentucky	465	4	18	...	11	-	9	10	43	12	8	21	2	7	1	1	11	2	29
Louisiana	1	2	2	3	...	1	1	1	5	-	190	2	1	-	-	-	3	3	7
Maine	1	3	2	1	5	...	9	72	7	2	-	1	-	5	-	88	7	-	24
Maryland	19	12	6	11	9	11	...	36	26	16	5	15	4	9	2	5	35	1	79
Massachusetts	2	1	-	1	-	65	4	...	13	2	2	3	-	2	-	457	34	6	207
Michigan	347	3	4	8	6	1	4	8	...	9	1	10	3	8	-	3	4	-	22
Minnesota	5	215	5	1	1	2	3	-	13	...	2	6	12	7	1	-	1	-	12
Mississippi	19	70	3	11	401	1	2	7	16	6	...	20	1	9	-	1	4	2	23
Missouri	35	249	2,192	22	8	-	4	8	35	57	9	...	7	48	-	-	9	13	27
Montana	-	3	-	-	-	-	1	1	3	7	-	2	...	-	2	-	-	-	1
Nebraska	5	313	301	-	3	1	1	2	9	15	1	24	5	...	1	2	9	1	7
Nevada	-	-	1	1	5	-	-	1	3	1	1	2	3	...	3	-	2	2	6
New Hampshire	1	-	-	-	1	453	3	131	-	-	-	1	-	2	-	...	19	1	14
New Jersey	-	2	-	1	2	17	18	1	1	1	-	-	10	6	3	...	-	-	433
New Mexico	14	10	19	3	8	4	8	17	20	9	7	21	4	14	-	-	6	...	23
New York	15	5	-	7	6	26	33	22	8	7	7	1	4	-	-	7	1,580	4	...
North Carolina	30	21	16	25	18	8	41	41	40	23	26	22	5	7	-	6	33	-	108
North Dakota	3	2	-	-	-	-	-	-	1	617	-	2	189	1	-	-	-	-	4
Ohio	469	4	9	808	1	3	10	9	479	4	3	8	-	4	-	4	10	3	52
Oklahoma	18	8	221	9	30	3	4	11	24	20	13	64	6	19	1	-	15	14	23
Oregon	1	4	2	2	2	-	-	1	-	9	-	4	4	7	-	-	-	2	-
Pennsylvania	9	4	1	18	9	5	682	14	25	-	3	8	1	3	6	1	2,033	5	466
Rhode Island	2	3	2	-	1	4	-	548	1	-	-	3	-	-	-	6	9	2	13
South Carolina	4	7	4	8	10	1	7	15	4	1	8	4	-	4	-	-	9	-	28
South Dakota	1	106	3	2	1	-	-	2	3	51	-	2	28	154	-	-	1	1	7
Tennessee	38	28	17	395	49	1	22	24	80	21	540	115	5	13	1	7	27	9	89
Texas	7	4	19	5	107	1	4	-	7	2	5	9	1	1	-	-	1	416	13
Utah	3	2	3	-	1	-	-	2	1	2	1	2	5	3	65	-	4	8	7
Vermont	-	-	-	-	-	3	1	73	-	-	-	-	-	-	-	236	1	-	76
Virginia	21	23	22	60	23	10	96	44	41	21	17	32	7	18	-	12	61	5	139
Washington	16	23	28	6	12	3	3	15	21	54	4	33	67	22	3	1	11	7	38
West Virginia	6	-	1	377	6	-	240	1	13	-	-	4	-	-	-	-	2	-	11
Wisconsin	9	113	2	3	2	3	2	-	3	134	411	3	5	2	-	1	3	1	16
Wyoming	7	1	8	1	4	-	5	2	-	2	-	2	75	39	2	-	7	5	2

¹See discussion in text for definition of nonresident.

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, 1947—Continued

STATE OF OCCURRENCE	BIRTHS TO NONRESIDENTS ¹ —Continued																	Total births to resi- dents	
	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-----	1,582	941	3,799	2,019	1,108	4,112	947	1,078	980	2,137	2,908	302	809	6,793	1,253	2,424	1,984	499	3,699,940
Alabama-----	7	3	10	6	1	10	-	9	2	157	22	-	-	9	1	3	4	-	88,116
Arizona-----	1	2	12	31	3	17	2	1	-	4	46	12	-	-	13	1	5	1	19,153
Arkansas-----	1	1	3	496	5	3	2	1	-	40	624	1	-	-	3	-	3	-	48,985
California-----	19	11	64	90	92	65	5	7	13	24	108	20	4	26	58	13	27	10	245,889
Colorado-----	8	7	21	38	4	25	3	5	15	6	103	32	-	10	11	1	15	78	32,874
Connecticut-----	6	-	4	1	4	13	28	1	1	1	3	-	7	5	-	-	2	-	45,581
Delaware-----	2	-	-	-	-	200	1	-	-	-	1	-	-	5	-	2	-	-	7,717
District of Columbia-----	23	-	9	1	2	41	1	2	7	3	8	3	1	4,285	2	11	3	1	21,686
Florida-----	96	11	128	48	16	194	28	74	9	92	129	7	6	65	49	37	37	9	59,807
Georgia-----	96	-	12	7	-	20	-	391	-	100	19	2	2	22	-	5	-	-	94,944
Idaho-----	1	3	1	2	91	1	-	-	1	4	2	71	-	1	307	-	3	14	16,285
Illinois-----	5	3	39	3	3	17	-	1	1	7	23	2	-	4	1	5	249	1	196,007
Indiana-----	1	1	520	1	1	3	-	-	1	2	24	2	1	5	-	1	2	1	96,359
Iowa-----	4	2	10	6	2	4	-	2	264	3	12	-	-	1	8	2	119	3	63,858
Kansas-----	5	-	12	346	3	14	1	4	7	11	54	1	3	5	8	4	14	1	44,535
Kentucky-----	12	6	425	12	2	37	2	8	4	456	29	-	4	84	3	127	12	-	79,987
Louisiana-----	2	-	10	3	1	2	-	1	-	6	285	1	-	4	-	1	2	1	74,630
Maine-----	2	-	4	2	1	13	8	-	-	1	5	-	4	4	1	-	2	-	23,873
Maryland-----	54	1	49	12	7	439	13	26	3	22	32	7	4	533	18	397	18	1	86,687
Massachusetts-----	7	-	4	1	1	16	741	-	5	6	1	1	72	11	2	1	2	-	107,781
Michigan-----	1	1	149	1	1	13	1	-	1	6	101	2	6	7	2	7	595	-	161,085
Minnesota-----	-	506	6	4	3	1	-	1	307	1	25	1	-	3	14	-	858	3	75,577
Mississippi-----	11	2	18	15	3	19	-	8	3	218	64	-	-	9	4	3	8	1	66,450
Missouri-----	9	10	34	120	2	28	2	1	5	18	48	4	2	7	9	3	37	4	90,060
Montana-----	-	82	-	1	6	-	-	-	7	1	13	2	-	1	15	-	1	31	15,086
Nebraska-----	-	3	4	-	4	2	-	1	136	1	28	1	-	1	8	-	3	98	32,132
Nevada-----	-	1	1	8	3	1	-	-	1	1	1	46	-	2	-	7	1	-	4,041
New Hampshire-----	-	-	1	-	1	3	24	-	-	-	1	-	583	3	-	-	1	-	13,267
New Jersey-----	3	-	-	-	-	642	3	14	-	2	1	-	-	5	-	-	-	-	106,242
New Mexico-----	9	2	22	82	6	32	5	1	5	9	308	6	1	10	4	1	11	4	20,322
New York-----	18	-	24	3	3	1,234	9	7	-	7	17	-	93	31	6	7	4	-	323,250
North Carolina-----	...	2	57	20	11	79	5	401	5	164	48	3	3	597	12	24	24	-	112,877
North Dakota-----	-	...	1	-	4	1	-	-	144	1	19	-	-	1	4	-	1	-	17,064
Ohio-----	5	2	...	17	4	444	2	1	1	13	47	-	2	14	5	1,209	12	-	187,311
Oklahoma-----	7	4	54	...	6	21	1	8	7	11	550	5	1	6	16	6	11	1	53,684
Oregon-----	-	5	2	7	...	-	-	1	-	-	8	1	-	1	584	-	9	1	36,294
Pennsylvania-----	22	2	424	11	4	...	28	15	1	5	8	2	2	47	3	99	6	-	248,513
Rhode Island-----	-	-	7	-	-	10	...	5	1	-	1	-	-	3	2	-	3	-	18,536
South Carolina-----	406	2	12	2	1	21	5	...	-	10	12	-	-	18	-	6	8	-	59,470
South Dakota-----	-	222	2	1	-	-	-	1	...	1	2	1	2	-	-	1	4	106	16,539
Tennessee-----	199	6	94	14	9	48	5	38	6	...	66	4	1	481	22	25	22	1	86,619
Texas-----	3	1	10	536	3	10	1	1	3	1	...	3	-	13	7	3	4	1	198,682
Utah-----	-	1	1	1	1	2	1	1	-	-	6	...	-	1	5	-	1	83	21,724
Vermont-----	1	1	1	-	-	3	1	-	-	-	-	-	...	2	-	-	-	-	9,708
Virginia-----	522	8	75	23	9	125	18	28	5	709	79	11	4	...	33	405	21	2	85,740
Washington-----	5	22	22	36	780	32	3	6	5	9	81	25	1	10	...	14	25	18	58,481
West Virginia-----	8	-	1,436	1	1	206	-	4	-	9	2	-	-	440	-	...	1	4	55,085
Wisconsin-----	-	3	8	1	-	4	-	1	7	4	31	2	-	1	5	1	...	9	84,059
Wyoming-----	1	2	8	7	4	1	-	-	5	1	7	21	-	-	10	2	-	...	7,320

¹See 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, 1947—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 ¹ —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-----	28	26	49	54	17	11	112	57	28	54	22	45	6	13	1	22	79	20	55
Alabama-----	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Arizona-----	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	5	-
Arkansas-----	1	-	-	1	1	-	-	-	-	-	-	9	-	-	-	-	1	-	-
California-----	1	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	1	1
Colorado-----	-	3	1	-	-	-	-	1	-	-	-	1	-	2	-	-	-	2	-
Connecticut-----	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	1	-	5
Delaware-----	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	2	-	-
District of Columbia-----	-	-	-	-	-	-	80	-	-	1	-	-	-	-	-	-	1	-	-
Florida-----	2	-	1	1	1	-	-	3	2	-	-	-	-	1	-	-	3	-	6
Georgia-----	-	-	-	-	-	-	-	2	1	-	-	-	2	-	-	1	-	-	1
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Illinois-----	10	-	-	2	-	-	-	-	3	-	-	7	-	-	-	-	-	-	1
Indiana-----	...	-	-	8	-	-	-	-	4	-	-	-	-	-	-	-	-	-	1
Iowa-----	-	...	1	-	-	-	-	-	4	-	-	3	-	7	-	-	-	-	-
Kansas-----	-	-	...	-	-	-	-	-	1	-	-	11	-	1	-	-	1	-	-
Kentucky-----	1	1	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana-----	-	-	-	-	...	-	-	-	-	-	4	-	-	-	-	-	-	-	2
Maine-----	-	-	-	-	-	...	-	1	-	-	-	-	-	-	-	1	-	-	1
Maryland-----	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	1	-	1
Massachusetts-----	-	-	-	-	-	3	-	...	1	-	-	-	-	-	-	11	1	-	3
Michigan-----	4	-	-	-	-	-	-	-	...	-	-	1	-	-	-	-	-	-	-
Minnesota-----	-	4	-	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-
Mississippi-----	-	1	-	-	7	-	-	-	-	-	...	1	-	-	-	-	-	-	1
Missouri-----	-	3	35	-	1	-	1	-	1	2	-	...	-	1	-	-	-	-	-
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-
Nebraska-----	-	6	6	-	-	-	-	-	-	1	-	1	-	...	-	-	-	-	-
Nevada-----	-	-	1	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-
New Hampshire-----	-	-	-	-	-	7	-	6	-	-	-	-	-	-	-	...	-	-	-
New Jersey-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-	9
New Mexico-----	-	1	-	-	-	-	-	-	-	2	-	1	-	-	1	-	-	...	-
New York-----	-	1	-	1	-	-	-	4	-	-	-	-	-	-	-	-	22	-	...
North Carolina-----	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	2
North Dakota-----	-	-	-	-	-	-	-	-	-	12	-	-	1	-	-	-	-	-	1
Ohio-----	8	-	-	18	-	-	-	-	11	-	-	1	-	-	-	-	-	-	-
Oklahoma-----	-	1	3	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-
Oregon-----	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Pennsylvania-----	-	-	-	1	-	-	15	-	-	-	-	-	-	-	-	1	38	-	13
Rhode Island-----	-	-	-	-	-	-	1	13	-	-	-	-	-	-	-	-	-	-	2
South Carolina-----	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota-----	-	-	-	1	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-
Tennessee-----	-	-	-	10	-	1	-	-	-	1	14	5	-	-	-	-	2	-	2
Texas-----	-	-	-	-	4	-	-	-	-	-	-	1	-	-	-	-	-	11	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	7	1	-	1
Virginia-----	1	-	-	-	-	-	3	4	-	-	1	-	-	-	-	-	2	-	-
Washington-----	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	1	-	-	-
West Virginia-----	-	-	-	9	-	-	5	-	1	-	-	-	-	-	-	-	-	-	3
Wisconsin-----	-	3	-	-	-	-	-	-	1	10	-	-	-	-	-	-	-	-	-
Wyoming-----	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹See discussion in text for definition of nonresident.

GENERAL TABLES—STILLBIRTHS

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**TABLE 10.—STILLBIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE:
UNITED STATES AND EACH STATE, 1947—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 ² —Continued																		Total still- births to resi- dents
	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	58	23	70	52	15	90	20	32	12	36	63	6	13	135	16	65	37	13	77,917
Alabama	-	-	-	-	-	1	-	2	-	2	1	-	-	-	1	-	-	-	2,455
Arizona	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	577
Arkansas	-	-	-	12	-	-	-	-	-	1	17	-	-	-	-	-	-	-	872
California	-	-	2	2	1	-	-	-	-	-	1	2	-	1	1	-	1	-	4,054
Colorado	-	1	-	-	-	-	-	-	1	-	3	1	-	1	-	-	-	1	634
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	690
Delaware	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	149
District of Columbia	2	-	-	-	-	1	-	-	-	-	-	-	-	79	-	2	-	-	470
Florida	2	1	2	1	-	10	-	3	1	-	2	-	-	1	1	2	1	-	1,649
Georgia	1	-	-	-	-	1	-	8	-	-	-	-	-	1	1	-	-	-	2,455
Idaho	-	-	-	-	2	-	-	-	-	-	-	1	-	-	5	-	1	1	267
Illinois	-	-	1	-	-	1	-	1	-	-	-	-	-	-	-	-	7	-	3,669
Indiana	-	-	11	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1,667
Iowa	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	3	-	998
Kansas	-	-	-	6	-	-	-	-	-	2	-	-	-	-	-	-	-	1	706
Kentucky	-	-	8	-	-	2	-	-	-	13	1	-	-	3	-	3	1	-	1,694
Louisiana	-	-	-	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	2,001
Maine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	398
Maryland	1	-	2	-	-	8	1	1	-	1	-	-	-	5	-	9	-	-	1,364
Massachusetts	-	-	-	-	-	1	18	-	-	-	-	-	-	1	-	-	-	-	2,074
Michigan	-	-	4	-	-	1	-	-	-	2	-	-	-	-	-	-	4	-	3,581
Minnesota	-	13	-	-	-	-	-	-	2	-	1	-	-	-	-	-	13	-	1,298
Mississippi	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	1	-	1,979
Missouri	-	-	2	4	-	-	-	1	-	-	2	-	-	-	-	-	1	-	1,689
Montana	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	258
Nebraska	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	538
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	275
New Jersey	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	2,281
New Mexico	1	-	1	3	1	-	-	-	-	5	1	-	-	-	-	-	-	-	448
New York	3	-	2	2	-	29	-	1	-	-	-	-	2	-	-	-	1	-	7,693
North Carolina	-	-	-	-	-	2	-	13	-	2	1	-	-	17	-	-	-	-	2,762
North Dakota	-	...	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	286
Ohio	1	-	...	-	-	12	1	-	-	1	2	-	-	1	-	29	-	-	3,983
Oklahoma	-	-	1	...	-	-	-	1	-	-	8	-	-	-	-	-	-	-	1,078
Oregon	-	-	-	-	...	-	-	-	-	-	-	-	-	-	6	-	-	-	562
Pennsylvania	1	-	7	-	-	...	-	-	-	2	-	-	-	1	1	2	-	-	5,027
Rhode Island	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-	305
South Carolina	3	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	-	1,911
South Dakota	-	5	-	-	-	-	-	...	-	-	-	-	-	1	-	-	1	-	253
Tennessee	5	-	-	1	-	-	-	-	...	1	-	-	-	11	-	-	2	-	1,881
Texas	-	-	-	19	-	-	-	-	-	...	-	-	-	-	-	-	-	-	4,563
Utah	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-	5	303
Vermont	-	-	-	-	-	-	-	-	-	-	-	...	-	1	-	-	-	-	175
Virginia	18	-	2	1	-	3	-	-	-	10	1	-	-	...	-	17	1	-	2,237
Washington	-	-	-	-	10	-	-	-	-	-	-	-	-	-	...	-	-	1	916
West Virginia	-	-	25	-	-	3	-	-	-	-	-	-	-	12	-	...	-	-	1,362
Wisconsin	-	-	-	-	1	-	-	-	-	-	3	-	-	-	-	...	-	-	1,443
Wyoming	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	...	-	144

²See 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, 1947

(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 ¹																
			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	1,445,370	1,179,289	266,081	226,774	39,507	766	297	813	1,290	378	605	157	836	952	696	588	2,047		
Alabama	26,034	21,205	4,829	4,576	455	...	-	4	2	1	-	1	3	111	93	-	10		
Arizona	6,514	4,900	1,614	835	779	7	...	6	143	17	4	-	-	2	1	7	68		
Arkansas	14,945	11,825	3,020	2,357	663	6	-	...	15	5	2	-	1	2	2	-	48		
California	96,977	76,684	20,293	18,723	1,570	12	124	22	...	45	14	6	14	13	12	26	114		
Colorado	12,627	10,319	2,508	1,916	592	5	8	8	56	...	1	-	3	1	2	1	56		
Connecticut	18,978	15,678	3,300	2,970	430	1	-	2	4	1	...	2	2	11	-	-	4		
Delaware	3,371	2,735	636	453	183	-	-	-	1	-	1	...	2	-	1	-	-		
District of Columbia	8,467	7,418	1,049	...	1,049	2	1	-	6	3	3	2	...	11	6	-	7		
Florida	25,471	18,743	6,728	4,588	2,140	106	1	4	13	-	60	9	24	...	168	1	137		
Georgia	29,146	25,758	3,388	4,492	896	251	-	1	7	-	2	4	4	247	...	1	16		
Idaho	4,680	3,704	956	708	248	-	1	1	30	5	-	-	1	1	-	...	5		
Illinois	92,383	76,331	16,052	14,508	1,554	9	10	17	46	12	6	-	4	34	3	3	...		
Indiana	40,410	32,775	7,635	6,567	1,068	3	3	10	13	1	1	-	4	15	3	-	413		
Iowa	26,625	20,979	5,646	4,679	967	-	2	3	37	7	6	-	2	4	2	-	314		
Kansas	18,784	15,448	3,336	2,457	881	-	3	9	32	44	-	-	-	4	2	-	23		
Kentucky	26,003	23,492	4,521	3,978	643	8	1	3	3	1	-	-	1	14	2	-	53		
Louisiana	25,712	18,678	5,034	4,366	668	35	1	70	10	1	2	-	2	29	7	-	11		
Maine	9,966	7,755	2,211	1,944	267	-	-	1	2	-	8	1	2	2	2	1	1		
Maryland	22,933	18,620	4,353	2,946	1,417	2	1	3	10	1	13	85	532	46	12	-	8		
Massachusetts	51,824	44,569	7,255	6,281	994	-	3	1	7	1	147	2	6	21	-	-	16		
Michigan	56,847	46,802	10,045	9,262	783	5	3	6	20	4	8	-	5	16	6	-	132		
Minnesota	28,367	22,394	5,973	4,728	1,245	5	5	8	34	9	-	-	1	11	3	4	98		
Mississippi	19,850	16,775	3,075	2,705	370	91	-	26	5	-	-	-	-	3	1	-	17		
Missouri	44,734	37,471	7,263	5,685	1,578	7	9	105	45	14	1	-	2	7	4	4	688		
Montana	5,695	4,601	1,094	895	199	-	2	-	12	3	-	-	-	1	1	19	5		
Nebraska	12,815	10,168	2,647	2,172	475	1	-	2	31	21	-	-	3	1	1	3	14		
Nevada	1,875	1,309	566	178	191	-	3	1	102	4	-	-	1	1	1	6	1		
New Hampshire	6,223	5,150	1,073	653	410	-	1	1	2	-	14	-	2	-	-	-	-		
New Jersey	47,521	36,459	11,062	9,719	1,343	3	2	1	11	-	19	11	11	32	3	-	11		
New Mexico	5,623	4,153	1,470	958	512	3	33	8	44	47	1	-	-	6	1	1	24		
New York	157,525	137,606	19,919	17,692	2,227	5	7	4	56	6	200	3	22	80	14	1	27		
North Carolina	30,220	25,860	4,360	3,873	687	8	-	-	1	1	5	2	18	58	52	-	8		
North Dakota	5,147	3,795	1,352	1,108	246	-	-	1	1	-	-	-	-	1	-	-	3		
Ohio	81,987	69,547	12,420	10,961	1,459	4	-	2	24	5	4	-	7	19	5	-	60		
Oklahoma	18,794	15,400	3,394	2,898	401	1	11	35	31	5	-	-	-	1	1	1	19		
Oregon	13,660	11,386	2,274	1,880	594	2	4	6	130	13	1	-	-	2	-	71	5		
Pennsylvania	110,038	87,337	22,701	20,944	1,757	3	3	-	15	4	15	42	14	36	5	-	23		
Rhode Island	8,324	6,653	1,671	1,401	270	-	-	1	2	-	46	-	1	3	-	-	-		
South Carolina	17,150	13,421	3,729	3,395	334	8	-	1	1	1	-	-	6	23	81	-	4		
South Dakota	5,707	4,161	1,546	1,262	284	-	-	1	11	8	-	-	-	-	-	-	10		
Tennessee	29,478	23,795	5,683	4,081	1,602	152	-	357	12	4	3	2	5	40	157	-	32		
Texas	62,435	51,920	10,515	9,599	916	10	14	78	65	15	2	1	3	10	3	1	31		
Utah	5,176	3,984	1,222	893	329	2	16	-	72	26	1	-	1	-	-	74	17		
Vermont	4,354	3,411	943	738	205	-	-	-	2	-	11	-	-	1	-	-	1		
Virginia	28,996	23,684	5,312	4,596	916	4	-	1	5	2	5	4	80	19	14	-	9		
Washington	22,000	18,462	3,538	2,897	641	1	5	4	81	5	1	-	2	1	-	133	9		
West Virginia	17,361	13,167	4,194	3,347	847	1	1	-	1	-	-	-	24	3	4	-	8		
Wisconsin	33,220	24,801	8,419	7,608	811	3	-	2	7	1	-	-	-	8	-	2	333		
Wyoming	2,378	1,943	435	222	213	-	1	1	30	35	-	-	1	1	1	8	4		

¹See 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, 1947—Continued

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

STATE OF OCCURRENCE	DEATHS OF NONRESIDENTS ¹ —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	1,225	826	797	1,011	351	280	914	924	1,073	659	732	1,416	264	531	139	381	2,003	360	2,436	
Alabama	4	2	1	3	19	-	3	2	6	-	80	4	-	-	-	2	-	-	4	
Arizona	16	14	24	6	-	-	2	6	30	10	2	27	9	6	4	-	11	89	58	
Arkansas	4	12	15	4	35	-	-	1	10	5	22	118	-	4	-	-	1	2	11	
California	31	60	29	11	19	6	7	31	49	52	8	49	21	29	85	-	16	35	72	
Colorado	7	20	76	2	-	-	2	1	6	9	2	28	2	61	4	1	1	38	23	
Connecticut	2	-	-	-	1	7	4	77	4	1	-	2	-	-	-	7	26	-	214	
Delaware	-	-	-	-	1	-	45	4	1	-	-	-	-	-	-	-	34	-	15	
District of Columbia	-	2	-	4	1	5	448	6	7	3	1	4	-	1	-	1	11	-	25	
Florida	84	19	5	31	0	15	29	119	124	15	3	21	1	4	2	12	122	1	409	
Georgia	10	-	3	13	3	3	7	4	7	1	8	5	-	-	-	-	11	-	20	
Idaho	3	1	1	-	-	-	-	-	5	3	-	2	19	3	6	-	-	3	3	
Illinois	388	100	24	56	3	-	6	11	125	38	17	245	2	12	1	-	8	1	30	
Indiana	...	7	5	145	1	1	1	2	119	9	2	18	-	3	-	-	3	1	10	
Iowa	17	...	13	2	3	1	-	1	9	57	-	132	3	174	2	-	1	-	7	
Kansas	8	14	...	5	1	-	-	1	10	5	-	428	3	37	-	-	-	3	5	
Kentucky	149	3	1	...	1	-	2	1	17	1	4	12	1	2	-	-	-	1	5	
Louisiana	5	3	2	3	...	-	1	2	4	2	199	2	-	-	-	-	2	1	16	
Maine	-	1	-	-	-	...	1	85	1	-	-	-	-	-	-	84	16	-	32	
Maryland	5	4	3	6	3	2	...	16	9	2	-	5	-	2	-	1	44	-	77	
Massachusetts	1	1	1	4	2	100	9	...	9	-	1	3	1	2	-	171	25	3	144	
Michigan	109	8	5	24	-	2	2	5	...	13	4	13	-	6	1	-	5	-	32	
Minnesota	27	171	23	3	4	-	1	6	31	...	2	19	34	36	3	-	-	3	14	
Mississippi	2	3	-	4	96	-	-	2	7	2	...	7	-	-	-	2	1	3	5	
Missouri	23	64	329	15	8	1	1	3	17	7	8	...	4	31	1	-	3	3	16	
Montana	2	6	-	-	-	-	1	-	3	11	1	3	...	1	2	-	2	1	5	
Nebraska	3	159	87	2	1	-	-	-	4	6	-	30	5	...	-	-	-	1	6	
Nevada	3	-	2	1	-	-	-	1	1	1	-	2	2	2	...	-	3	-	5	
New Hampshire	1	1	-	-	72	2	136	1	-	-	-	1	-	-	-	...	8	-	25	
New Jersey	2	2	-	4	-	5	30	35	12	1	1	5	-	1	-	2	...	-	551	
New Mexico	11	5	18	3	4	-	1	7	9	2	4	24	2	3	1	2	5	...	12	
New York	15	5	6	9	5	13	32	117	45	12	3	5	3	1	3	8	819	6	...	
North Carolina	1	3	2	13	2	2	14	7	7	1	14	3	-	-	-	-	11	1	29	
North Dakota	1	2	-	1	1	-	-	-	3	139	-	2	38	2	-	-	1	3	-	
Ohio	195	5	5	312	4	1	4	8	166	5	3	11	-	1	-	10	1	1	67	
Oklahoma	4	10	57	-	2	-	-	1	5	1	3	49	1	5	-	1	1	3	7	
Oregon	1	7	6	-	3	-	2	4	3	5	-	6	9	6	3	-	1	4	3	
Pennsylvania	8	1	4	14	1	3	101	11	26	7	1	5	1	-	3	1	729	-	291	
Rhode Island	-	-	3	-	-	11	2	147	2	-	1	1	-	-	-	2	9	2	18	
South Carolina	1	1	-	-	-	1	2	4	-	-	4	2	-	-	-	-	1	6	-	
South Dakota	3	29	3	1	2	-	1	-	1	48	-	3	15	47	-	-	-	1	1	
Tennessee	22	6	4	148	12	1	4	3	20	2	314	49	1	3	-	1	7	2	19	
Texas	11	7	21	4	80	-	1	4	13	5	9	29	1	10	-	-	4	142	20	
Utah	2	4	-	1	1	-	2	2	4	8	1	2	6	2	16	-	-	4	31	
Vermont	-	-	-	1	-	3	-	36												

VITAL STATISTICS OF THE UNITED STATES

TABLE 11.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1947—Continued

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

STATE OF OCCURRENCE	DEATHS OF NONRESIDENTS ¹ —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	654	351	1,746	934	435	2,178	314	414	307	715	1,145	149	229	1,115	620	704	610	184	1,445,370
Alabama	7	-	11	4	-	4	-	7	-	49	7	-	-	5	1	3	2	-	26,547
Arizona	-	1	47	26	13	26	1	2	3	8	50	15	-	1	13	-	12	6	6,032
Arkansas	1	1	10	143	1	9	2	1	-	40	125	-	-	2	1	1	3	-	15,095
California	2	16	49	50	93	45	2	2	8	11	94	40	1	6	98	4	24	11	96,697
Colorado	3	2	13	24	5	9	-	1	3	6	45	8	-	3	12	1	6	51	12,615
Connecticut	1	-	7	1	-	16	16	1	-	-	1	-	10	2	1	2	-	-	19,155
Delaware	2	-	1	-	-	73	1	-	-	-	-	-	-	5	-	-	-	-	3,345
District of Columbia	19	-	6	1	-	35	1	9	-	4	4	-	2	396	1	7	4	-	8,254
Florida	29	-	171	4	4	188	17	21	-	36	10	1	11	32	3	20	27	-	24,285
Georgia	31	-	21	3	-	10	2	126	1	47	10	-	-	12	-	3	-	-	28,946
Idaho	-	-	3	-	35	-	-	-	-	2	27	2	-	77	-	-	3	6	4,780
Illinois	5	5	51	17	6	24	-	3	8	27	19	1	1	4	7	5	158	2	95,686
Indiana	1	3	197	5	1	15	1	-	2	12	14	-	-	3	2	6	13	-	40,587
Iowa	5	2	5	5	4	9	1	-	60	2	7	1	-	1	5	5	56	2	26,484
Kansas	2	1	4	182	4	6	1	1	1	2	27	-	-	1	6	-	5	1	18,700
Kentucky	3	-	140	1	-	8	-	-	-	144	7	-	-	25	-	27	2	-	28,371
Louisiana	1	-	2	8	-	6	-	1	-	17	215	-	-	2	-	3	3	-	23,395
Maine	1	1	3	-	9	6	2	-	-	-	-	-	1	2	-	1	-	1	9,959
Maryland	27	1	23	5	2	183	3	6	-	7	14	-	2	124	5	123	2	-	22,480
Massachusetts	2	-	11	2	2	25	213	4	-	2	3	-	32	8	5	2	2	-	51,754
Michigan	4	2	159	4	3	24	2	-	3	8	24	1	-	2	1	7	107	-	57,137
Minnesota	1	180	15	13	8	10	-	-	102	2	28	2	-	3	23	1	299	5	27,781
Mississippi	4	-	4	3	4	-	-	1	-	55	20	-	-	1	1	3	2	-	20,212
Missouri	-	5	17	89	1	6	1	1	1	18	29	-	-	3	4	2	8	3	44,572
Montana	-	35	1	2	8	2	-	-	4	1	3	1	-	-	41	-	2	19	5,760
Nebraska	-	-	2	6	4	4	-	-	44	1	4	2	-	2	3	-	2	20	12,871
Nevada	-	-	5	2	1	4	2	-	-	-	2	22	2	1	3	-	3	2	1,623
New Hampshire	1	-	-	-	-	4	5	-	-	-	-	-	132	1	-	-	-	-	6,194
New Jersey	4	-	11	1	-	537	5	2	1	5	2	-	-	17	1	1	1	-	48,181
New Mexico	-	-	10	41	2	7	-	1	-	4	129	1	-	4	5	1	4	2	5,471
New York	27	1	75	8	1	427	16	9	1	4	30	2	26	43	5	10	8	-	157,734
North Carolina	...	-	8	1	-	28	2	172	1	50	4	-	1	148	1	7	1	-	30,187
North Dakota	-	...	1	-	-	-	-	-	28	-	7	1	-	4	-	4	2	-	5,252
Ohio	9	-	...	2	3	232	-	-	-	9	15	1	1	11	5	234	9	-	82,254
Oklahoma	-	2	6	...	4	6	1	-	-	2	117	-	-	3	-	2	3	-	19,327
Oregon	1	5	5	12	...	4	-	1	3	1	6	4	-	-	248	-	5	2	15,501
Pennsylvania	20	-	208	5	5	...	3	8	3	7	8	-	1	33	-	84	5	-	110,459
Rhode Island	1	1	3	-	1	9	...	1	-	-	-	-	-	1	-	1	1	-	8,368
South Carolina	131	-	5	1	-	11	1	...	-	4	-	-	1	9	1	4	1	-	17,230
South Dakota	-	63	1	1	-	-	-	-	...	1	2	2	1	-	7	-	3	20	5,730
Tennessee	48	1	34	7	-	10	3	8	-	...	26	3	1	73	-	3	5	-	28,591
Texas	3	2	26	238	3	8	1	2	5	16	...	2	1	4	3	-	7	1	82,662
Utah	-	-	4	1	1	8	1	-	2	3	3	...	-	1	8	1	-	21	4,898
Vermont	-	-	-	-	-	1	3	-	1	-	-	-	...	-	1	-	-	-	4,378
Virginia	249	1	19	3	2	40	-	19	1	92	7	3	-	...	2	131	3	-	29,193
Washington	1	13	4	7	210	4	-	2	4	3	7	-	-	1	...	-	6	3	21,979
West Virginia	7	-	331	2	-	60	1	-	-	3	4	2	-	120	2	...	2	-	17,218
Wisconsin	1	3	13	-	3	4	-	-	13	9	10	1	-	4	7	2	...	1	33,219
Wyoming	-	4	4	6	5	4	-	-	4	1	4	6	-	1	4	1	-	...	2,349

¹ See discussion in text for definition of nonresident.

SUPPLEMENT

HAWAII, PUERTO RICO, THE VIRGIN ISLANDS, ALASKA

HAWAII

TABLE 1.—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, 1947

(By place of occurrence. Deaths exclusive of stillbirths)

AREA (SEE FOR HAWAII ONLY)	Live births	Deaths (all ages)	Deaths under 1 year	Stillbirths ¹
HAWAII	14,592	3,219	452	197
Male	7,584	2,070	246	112
Female	7,008	1,149	206	85
Hawaii County	1,720	487	56	25
Hilo (city)	853	199	21	4
Balance of county	867	288	35	21
Honolulu County	10,874	2,141	338	147
Honolulu (city)	9,037	1,717	276	108
Balance of county	1,837	424	62	39
Kalaheo County	1	28	1	-
Kauai County	729	207	12	7
Mauai County	1,268	356	45	18

¹Includes 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: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, AND BY SEX, HAWAII, 1947

(By place of occurrence)

AREA (SEE FOR HAWAII ONLY)	Total births	Hawaiian	Part- Hawaiian	Puerto Rican	Caucasian	Chinese	Japanese	Korean	Filipino	All other
HAWAII	14,592	219	5,384	329	2,993	898	4,987	211	1,455	116
Male	7,584	110	1,767	173	1,575	465	2,577	111	753	53
Female	7,008	109	1,617	156	1,418	433	2,410	100	702	63
Hawaii County	1,720	40	428	53	186	28	767	9	205	6
Hilo (city)	853	14	205	16	111	22	398	7	58	2
Balance of county	867	26	223	37	75	6	369	2	145	4
Honolulu County	10,874	117	2,493	227	2,571	853	3,405	193	951	104
Honolulu (city)	9,037	91	2,227	191	1,892	802	3,010	171	574	79
Balance of county	1,837	26	266	36	679	51	395	22	357	25
Kalaheo County	1	1	-	-	-	-	-	-	-	-
Kauai County	729	16	146	23	78	19	299	1	144	3
Mauai County	1,268	45	317	26	158	18	516	8	177	3

TABLE 3.—LIVE BIRTHS BY SEX AND MONTH: HAWAII, 1947

SEX	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	14,592	1,208	1,095	1,213	1,169	1,156	1,152	1,242	1,293	1,275	1,312	1,253	1,254
Male	7,584	613	578	629	604	578	618	651	669	694	696	636	618
Female	7,008	595	507	584	565	578	534	591	624	581	616	597	636

TABLE 4.—NUMBER AND PERCENT OF LIVE BIRTHS, BY RACE AND PERSON IN ATTENDANCE: HAWAII, 1947

RACE	Total births	NUMBER ATTENDED BY—				Total percent	PERCENT ATTENDED BY—			
		Physician in hos- pital	Physician not in hospital	Midwife	Other and not speci- fied		Physician in hos- pital	Physician not in hospital	Midwife	Other and not speci- fied
ALL RACES	14,592	13,862	128	382	220	100.0	95.0	0.9	2.6	1.5
Hawaiian and Part-Hawaiian	3,603	3,169	77	196	171	100.0	87.7	2.1	5.4	4.7
Caucasian	2,993	2,978	7	6	2	100.0	99.5	0.2	0.2	0.1
Japanese	4,987	4,855	16	106	10	100.0	97.4	0.3	2.1	0.2
All other	3,009	2,870	28	74	37	100.0	95.4	0.9	2.5	1.2

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TABLE 5.-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, 1947

(By place of occurrence)

AREA	Total births	NUMBER ATTENDED BY--				Total percent	PERCENT ATTENDED BY--			
		Physician in hospital	Physician not in hospital	Midwife	Other and not specified		Physician in hospital	Physician not in hospital	Midwife	Other and not specified
HAWAII-----	14,592	13,862	128	382	220	100.0	95.0	0.9	2.6	1.5
Hawaii County-----	1,720	1,638	22	14	48	100.0	95.2	1.3	0.8	2.7
Hilo (city)-----	835	804	10	11	8	100.0	96.5	1.2	1.3	1.0
Balance of county-----	887	834	12	3	39	100.0	94.0	1.4	0.3	4.3
Honolulu County-----	10,874	10,302	96	365	121	100.0	94.7	0.8	3.4	1.1
Honolulu (city)-----	9,037	8,592	63	324	56	100.0	95.1	0.7	3.6	0.6
Balance of county-----	1,837	1,710	23	41	63	100.0	93.1	1.3	2.2	3.4
Kalawao County-----	1	1	-	-	-	100.0	100.0	0	0	0
Kauai County-----	729	714	6	1	8	100.0	97.9	0.6	0.1	1.1
Mauai County-----	1,268	1,207	14	2	45	100.0	95.2	1.1	0.2	3.5

TABLE 6.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: HAWAII, 1947

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-----	14,592	13	1,224	4,965	4,658	2,508	940	262	22	-	-
Hawaiian and Part-Hawaiian-----	3,603	7	511	1,429	947	440	201	63	5	-	-
Caucasian-----	2,993	1	187	1,043	1,025	499	202	35	1	-	-
Japanese-----	4,987	-	136	1,385	1,915	1,118	326	96	10	-	-
All other-----	3,009	5	390	1,108	771	450	211	68	6	-	-

TABLE 7.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: HAWAII, 1947

(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-----	14,592	13	1,224	4,965	4,658	2,508	940	262	22	-	-
First child-----	4,707	13	878	2,148	1,195	371	88	14	-	-	-
Second child-----	3,685	-	260	1,456	1,236	519	144	19	1	-	-
Third child-----	2,524	-	71	790	927	579	146	20	1	-	-
Fourth child-----	1,494	-	12	374	564	365	136	22	1	-	-
Fifth child-----	1,815	-	3	134	319	234	101	23	1	-	-
Sixth child-----	494	-	-	47	178	165	61	21	2	-	-
Seventh child-----	300	-	-	19	62	115	59	24	3	-	-
Eighth child-----	203	-	-	3	46	78	52	22	2	-	-
Ninth child-----	123	-	-	-	21	43	40	15	4	-	-
Tenth child-----	85	-	-	-	2	18	36	29	-	-	-
Eleventh child-----	56	-	-	-	2	17	23	14	-	-	-
Twelfth child-----	38	-	-	-	4	3	12	16	3	-	-
Thirteenth child and over-----	51	-	-	-	-	2	22	23	4	-	-
Not stated-----	7	-	-	4	2	1	-	-	-	-	-

TABLE 8.-LIVE BIRTHS BY RACE AND BIRTH ORDER: HAWAII, 1947

(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-----	14,592	4,707	3,695	2,524	1,494	815	494	300	203	123	85	56	38	51	7
Hawaiian and Part-Hawaiian-----	3,603	884	735	635	457	314	207	129	84	60	30	23	15	29	3
Caucasian-----	2,993	1,288	953	456	164	72	27	17	9	2	2	1	-	1	1
Japanese-----	4,987	1,680	1,268	906	527	244	142	73	50	24	19	7	8	7	2
All other-----	3,009	845	721	527	346	185	118	81	60	37	34	25	15	14	1

TABLE 9.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: HAWAII, 1947.

(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 cases is necessarily less than total 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-----	14,592	14,480	14,584	106	106
Hawaiian and Part-Hawaiian-----	5,805	5,572	5,539	35	35
Caucasian-----	2,935	2,970	2,947	25	25
Japanese-----	4,867	4,856	4,824	32	32
All other-----	3,009	2,992	2,974	18	18

¹Excludes 1 case in which only one mate was reported.

TABLE 10.-DEATHS BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	Hawaiian	Part-Hawaiian	Puerto Rican	Caucasian	Chinese	Japanese	Korean	Philippine	All other
HAWAII-----	3,219	549	376	77	713	280	966	83	344	31
Hawaii County-----	487	59	54	9	67	16	214	10	56	2
Hilo (city)-----	199	14	21	6	32	8	95	4	21	-
Balance of county-----	288	45	33	3	35	8	121	6	35	2
Honolulu County-----	2,141	205	258	49	553	235	546	60	206	28
Honolulu (city)-----	1,717	165	229	34	432	213	433	53	139	19
Balance of county-----	424	40	29	15	121	22	113	7	67	10
Kalaheo County-----	28	14	8	-	2	2	1	-	1	-
Kauai County-----	207	19	13	8	36	12	81	1	37	-
MauI County-----	356	52	43	11	55	15	124	12	44	-

TABLE 11.-DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	Deaths not in institutions	DEATHS IN INSTITUTIONS					
			Total ¹	General hospitals	Tuber-culosis hospitals	Other non-resident hospitals and institutions	Mental institutions	Other resident institutions
HAWAII-----	3,219	978	2,241	1,595	145	377	84	20
Hawaii County-----	487	182	305	277	25	-	-	1
Hilo (city)-----	199	65	134	109	25	-	-	1
Balance of county-----	288	117	171	168	-	-	-	-
Honolulu County-----	2,141	613	1,528	973	87	352	84	19
Honolulu (city)-----	1,717	451	1,266	802	87	352	-	19
Balance of county-----	424	162	262	171	-	-	84	-
Kalaheo County-----	28	5	25	-	-	25	-	-
Kauai County-----	207	76	131	113	17	-	-	-
MauI County-----	356	104	252	232	18	-	-	-

¹Includes deaths occurring in institutions of unknown type.

TABLE 12.-DEATHS BY AGE, RACE, AND SEX: HAWAII, 1947

(Exclusive of stillbirths)

RACE AND SEX	Total deaths	Under 5										5 to 100 and over										Not stated						
		Under 1	1	2	3	4	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-----	3,219	452	37	20	19	10	539	44	38	61	77	101	100	123	144	195	207	240	256	314	309	220	138	75	24	6	2	7
Male-----	2,070	246	15	11	11	8	292	34	28	44	46	60	59	83	94	128	142	145	160	225	210	166	82	46	16	5	1	6
Female-----	1,149	206	22	9	8	1	246	10	12	17	31	41	41	40	50	67	65	95	96	89	99	54	56	29	8	1	1	1
Hawaiian and Part-Hawaiian-----	725	159	14	5	6	4	189	19	14	11	9	22	27	22	30	41	42	65	56	48	50	29	24	19	4	2	1	2
Male-----	373	80	7	3	2	4	98	16	11	6	4	14	17	9	11	19	28	24	32	25	22	16	10	8	2	2	-	1
Female-----	352	79	7	2	4	-	91	3	3	5	5	8	10	13	19	22	14	41	24	23	28	13	14	11	2	-	-	1
Caucasian-----	715	82	5	3	3	1	94	3	4	24	23	36	21	20	45	48	46	55	61	56	45	57	44	20	8	3	1	5
Male-----	458	46	2	1	2	-	51	2	3	21	17	22	11	17	34	38	39	31	37	24	37	20	24	11	5	1	-	5
Female-----	255	36	3	2	1	1	43	1	1	3	6	15	10	3	11	10	10	16	30	19	19	20	24	11	3	1	-	-
Japanese-----	966	114	3	8	9	4	143	15	10	15	27	27	28	28	15	54	40	82	102	139	128	61	38	11	5	1	-	-
Male-----	634	67	5	6	6	4	82	11	7	8	16	14	16	16	7	21	17	48	67	104	92	65	26	9	5	1	-	-
Female-----	332	47	4	2	2	2	56	4	3	7	11	13	12	10	9	13	23	34	35	34	37	18	12	2	2	-	-	1
All other-----	815	97	9	4	2	1	113	7	10	11	18	17	24	24	55	63	72	79	59	37	72	67	53	32	25	8	2	1
Male-----	605	53	1	1	1	1	87	5	5	9	9	10	15	15	41	42	50	61	54	30	59	72	50	26	20	8	1	1
Female-----	210	44	8	3	1	-	26	2	5	2	9	7	9	14	11	22	18	4	7	13	15	5	6	5	1	1	-	-

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TABLE 13.—DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1947

(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	3,219	549	376	77	713	280	966	63	344	51
	I.—Infectious and parasitic diseases	363	48	49	10	40	35	94	11	77	1
6	Cerebrospinal (meningococcus) meningitis	2	-	-	-	1	-	1	-	-	-
9	Whooping cough	16	-	6	1	1	1	3	-	4	-
12	Tetanus	6	2	1	1	-	-	2	-	-	-
13-22	Tuberculosis (all forms)	238	27	20	3	23	21	69	11	64	-
13	Tuberculosis of respiratory system, etc.*	228	26	19	2	22	21	68	10	61	-
14	Tuberculosis of meninges, etc.*	2	-	1	-	-	-	-	1	-	-
15	Tuberculosis of intestines and peritoneum	3	1	1	-	-	-	-	-	1	-
16	Tuberculosis of vertebral column	2	-	-	-	1	-	1	-	-	-
19	Tuberculosis of lymphatic system, etc.*	1	-	-	1	-	-	-	-	-	-
22	Disseminated tuberculosis	2	-	-	-	-	-	-	-	2	-
23	Leprosy	20	6	7	-	2	3	1	-	1	-
24	Septicemia and purulent infection (nonpuerperal)	1	-	-	-	1	-	-	-	-	-
27	Dysentery	8	-	4	-	-	2	1	-	-	1
30	Syphilis (all forms)	57	10	6	4	6	7	16	-	8	-
30a	Locomotor ataxia (tabes dorsalis)	1	1	-	-	-	-	-	-	-	-
30b	General paralysis of insane	11	1	1	-	1	4	4	-	-	-
30d	Aneurysm of aorta	14	1	3	-	2	1	6	-	1	-
30f	Congenital syphilis	4	1	2	-	-	-	1	-	-	-
30c,e,g	Syphilis (other forms)	27	6	-	4	3	2	5	-	7	-
33	Influenza	4	-	3	1	-	-	-	-	-	-
37	Acute infectious encephalitis (lethargic)	1	-	-	-	1	-	-	-	-	-
38	Other diseases due to filtrable viruses	1	1	-	-	-	-	-	-	-	-
39	Typhus fever and typhus-like diseases*	1	-	1	-	-	-	-	-	-	-
43	Mycoses	2	-	-	-	1	1	-	-	-	-
44	Other infectious and parasitic diseases	6	-	1	-	4	-	1	-	-	-
	II.—Cancer and other tumors	433	54	37	6	80	24	183	17	26	4
45-55	Cancer and other malignant tumors	415	54	32	6	74	22	179	17	27	4
45	Cancer of buccal cavity and pharynx	17	1	1	-	1	-	13	-	1	-
45a	Cancer of lip	1	-	-	-	-	-	1	-	-	-
45b	Cancer of tongue	2	-	-	-	-	-	2	-	-	-
45c	Cancer of mouth	3	-	-	-	1	-	2	-	-	-
45d	Cancer of jaw bone	5	1	-	-	-	-	3	-	1	-
45f	Cancer of pharynx	6	-	1	-	-	-	5	-	-	-
46	Cancer of digestive organs and peritoneum	220	23	14	3	31	9	114	13	12	1
46a	Cancer of esophagus	12	-	1	-	2	-	9	-	-	-
46b	Cancer of stomach	122	11	9	3	10	3	71	9	6	-
46c	Cancer of duodenum	3	-	-	-	1	-	2	-	-	-
46d	Cancer of rectum and anus	14	3	-	-	3	2	5	-	1	-
46e	Cancer of intestines, etc.*	27	2	-	-	8	-	14	-	3	-
46f	Cancer of liver and biliary passages	23	2	3	-	1	3	9	2	2	1
46g	Cancer of pancreas	15	5	1	-	4	-	4	1	-	-
46h	Cancer of mesentery and peritoneum	3	-	-	-	1	1	3	1	-	-
46m	Cancer of other and unspecified sites	1	-	-	-	1	-	-	-	-	-
47	Cancer of respiratory system	43	10	5	-	11	1	11	2	3	-
47a	Cancer of larynx	7	-	1	-	1	-	3	1	1	-
47b,c	Cancer of trachea and bronchus	15	5	1	-	4	-	5	-	-	-
47d	Cancer of lung	16	5	2	-	5	1	2	1	2	-
47f	Cancer of mediastinum and unspecified sites	3	-	1	-	1	-	1	-	-	-
49	Cancer of uterus	37	5	6	3	10	1	10	-	1	1
49a	Cancer of cervix	21	2	3	3	7	-	4	-	1	1
49b	Cancer of other and unspecified sites of uterus	16	3	3	-	3	1	6	-	-	-
49	Cancer of other female genital organs	9	-	-	-	2	-	6	1	-	-
49a,b	Cancer of ovary, fallopian tube, and parametrium	6	-	-	-	2	-	5	1	-	-
49c-e	Cancer of other female genital organs	1	-	-	-	-	-	1	-	-	-
50	Cancer of breast	16	5	2	-	4	2	1	-	1	1
51	Cancer of male genital organs	8	-	1	-	3	1	2	-	1	-
51b	Cancer of prostate	6	-	-	-	3	1	1	-	1	-
51a,c-e	Cancer of other male genital organs	2	-	1	-	-	-	1	-	-	-
52	Cancer of urinary organs	18	2	-	-	2	-	10	-	4	-
52a	Cancer of kidney	10	1	-	-	1	-	8	-	-	-
52b	Cancer of bladder	8	1	-	-	1	-	2	-	4	-
53	Cancer of skin, etc.*	2	-	-	-	-	1	-	-	1	-
54	Cancer of central nervous system*	7	-	2	-	4	1	-	-	-	-
55	Cancer of other and unspecified organs	38	8	1	-	6	6	12	1	3	1
56,57	Nonmalignant tumors and tumors of unspecified nature	18	-	5	-	6	2	4	-	1	-
56	Nonmalignant tumors (including dermoid cysts)	16	-	4	-	6	2	3	-	1	-
56a-c	Nonmalignant tumors of female genital organs	4	-	1	-	1	1	-	-	1	-
56d	Nonmalignant tumors of central nervous system*	10	-	1	-	5	1	3	-	-	-
56e	Nonmalignant tumors of other and unspecified organs	2	-	2	-	-	-	-	-	-	-
57	Tumors of unspecified nature	2	-	1	-	-	-	1	-	-	-
57a	Tumors, central nervous system* (nature unspecified)	2	-	1	-	-	-	1	-	-	-
	III.—Rheumatism, diseases of nutrition, etc.*	108	15	20	3	22	13	23	4	8	-
58	Acute rheumatic fever	6	-	2	1	-	-	3	-	-	-
58a	Acute rheumatic pericarditis	2	-	-	1	-	-	1	-	-	-
58b	Acute rheumatic endocarditis	1	-	-	-	-	-	1	-	-	-
58c	Acute rheumatic myocarditis	1	-	1	-	-	-	-	-	-	-
58d	Other acute rheumatic heart diseases	2	-	1	-	-	-	1	-	-	-
59	Chronic rheumatism, other rheumatic diseases	1	-	-	-	-	-	1	-	-	-
61	Diabetes mellitus	85	11	16	2	21	13	18	3	1	-
63	Diseases of thyroid and parathyroid glands	5	2	1	-	1	-	-	-	1	-
63a	Simple goiter	1	-	-	-	-	-	-	-	-	-
63b	Exophthalmic goiter	2	-	-	-	1	-	-	-	1	-
63c-e	Other diseases of thyroid and parathyroid glands	2	1	1	-	-	-	-	-	-	-
64	Diseases of thymus gland	2	1	1	-	-	-	-	-	-	-
65	Diseases of adrenal glands*	1	1	-	-	-	-	-	-	-	-
66	Other general diseases	1	-	-	-	-	-	1	-	-	-
68	Beriberi	6	-	-	-	-	-	-	-	6	-
71	Other avitaminoses	1	-	-	-	-	-	-	1	-	-

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

TABLE 13.-DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1947-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
	IV.-Diseases of the blood and blood-forming organs-----	29	-	2	2	7	3	9	1	5	-
72	Hemorrhagic conditions-----	3	-	1	-	-	-	1	-	-	-
73	Anemias (except splenic anemia)-----	9	-	1	1	3	-	1	-	1	-
73a	Pernicious anemia-----	1	-	-	-	-	-	1	-	1	-
73b-d	Other anemias (except splenic)-----	8	-	1	1	2	-	-	-	-	-
74	Leukemias and leukemias-----	12	-	-	-	3	3	4	-	2	-
74a	Leukemias-----	12	-	-	-	3	3	4	-	2	-
75	Diseases of spleen-----	2	-	-	1	-	-	1	-	-	-
76	Other diseases of blood and blood-forming organs-----	3	-	-	-	1	-	2	-	-	-
	V.-Chronic poisoning and intoxication-----	8	1	-	-	5	-	1	-	1	-
77	Alcoholism (ethylism)-----	8	1	-	-	5	-	1	-	1	-
	VI.-Diseases of the nervous system, etc.*-----	292	30	16	5	65	23	120	4	26	3
80	Encephalitis (nonepidemic)-----	8	-	-	-	3	-	4	1	-	-
81	Meningitis (not due to meningococcus)-----	7	-	3	-	-	-	1	-	1	-
82	Diseases of spinal cord (see exceptions)*-----	10	-	1	-	5	1	-	-	1	1
83	Intracranial lesions of vascular origin-----	243	26	10	3	56	22	105	3	18	-
83a	Cerebral hemorrhage or effusion*-----	211	25	10	2	47	19	92	3	13	-
83b,c	Cerebral embolism, thrombosis, and softening-----	29	1	-	-	9	3	11	-	5	-
83d	Kemplogia, other paralysis, etc.*-----	3	-	-	1	-	-	2	-	-	-
84	Mental diseases and deficiency (see exception)*-----	6	-	-	-	-	-	4	-	1	1
85	Epilepsy-----	9	1	-	2	1	-	5	-	2	-
87	Other diseases of nervous system-----	3	-	1	-	-	-	1	-	-	1
88	Diseases of organs of vision-----	1	-	-	-	-	-	1	-	-	-
89	Diseases of ear and mastoid process-----	5	1	1	-	-	-	-	-	3	-
	VII.-Diseases of the circulatory system-----	665	103	50	16	182	85	168	19	41	1
90-95	Diseases of the heart (all forms)-----	624	98	50	15	168	80	157	17	38	1
90	Pericarditis (except acute rheumatic)-----	4	-	-	-	1	-	1	-	1	-
90b	Other pericarditis-----	4	-	-	-	1	-	1	-	1	-
91	Acute endocarditis (except rheumatic)-----	4	-	1	-	1	-	2	-	1	-
91a,b	Bacterial, acute, and subacute endocarditis-----	4	-	1	-	1	-	2	-	1	-
92	Chronic affections of valves and endocardium-----	39	9	7	-	8	1	11	1	2	-
92a	Diseases of aortic valve, etc.*-----	4	1	-	-	-	-	2	-	1	-
92b	Diseases of mitral valve, etc.*-----	24	6	6	-	5	1	5	1	1	-
92c	Chronic rheumatic endocarditis, etc.*-----	3	-	1	-	1	-	1	-	1	-
92d	Other chronic endocarditis, etc.*-----	7	2	-	-	2	-	2	-	1	-
92e	Endocarditis (unspecified, 45 years and over)-----	1	-	-	-	-	-	1	-	-	-
93	Diseases of the myocardium-----	395	66	27	9	98	58	107	10	19	-
93a	Acute myocarditis (except rheumatic)-----	9	-	-	-	1	2	3	-	1	-
93b	Myocarditis (unspecified, under 45 years)-----	1	-	-	-	-	-	1	-	1	-
93c	Chronic rheumatic myocarditis, etc.*-----	3	2	-	-	-	-	1	-	-	-
93d	Other chronic myocarditis, etc.*-----	373	63	27	9	95	55	98	10	15	-
93e	Other myocarditis (unspecified)-----	7	1	-	-	2	-	3	-	1	-
94	Diseases of coronary arteries, angina pectoris-----	160	17	13	5	56	18	31	3	14	1
94a	Diseases of coronary arteries-----	157	17	11	5	56	18	30	3	14	1
94b	Angina pectoris-----	3	-	2	-	-	-	1	-	-	-
95	Other diseases of heart-----	24	6	2	1	4	3	5	-	3	-
95a	Functional diseases of the heart, etc.*-----	1	-	-	-	1	-	1	-	-	-
95b	Other diseases of heart (rheumatic)-----	15	6	2	1	2	1	1	-	3	-
95c	Other diseases of heart (not rheumatic)-----	8	-	-	-	4	1	3	-	-	-
96	Aneurysm (except of heart and aorta)-----	11	2	-	-	6	1	1	-	1	-
97	Arteriosclerosis (except coronary or renal sclerosis)-----	22	2	-	1	6	4	6	2	1	-
99	Other diseases of arteries-----	3	-	-	-	2	-	1	-	-	-
100	Diseases of veins-----	2	-	-	-	-	-	1	-	1	-
101	Diseases of lymphatic system-----	2	1	-	-	-	-	1	-	-	-
102	High blood pressure (idiopathic)-----	1	-	-	-	-	-	1	-	-	-
	VIII.-Diseases of the respiratory system-----	164	21	37	2	25	18	45	4	13	1
105	Diseases of larynx-----	1	-	-	-	1	-	-	-	-	-
106	Bronchitis-----	15	1	4	-	-	1	7	1	1	-
107	Bronchopneumonia (including capillary bronchitis)-----	91	14	24	1	12	12	20	2	6	-
108	Lobar pneumonia-----	22	3	4	-	7	1	4	-	2	1
109	Pneumonia (unspecified)-----	5	1	2	1	-	1	-	-	-	-
109A	Atypical or virus pneumonia-----	2	-	1	-	-	1	-	-	-	-
109B	Pneumonia (all other, unspecified)-----	3	1	1	1	-	-	-	-	-	-
110	Pleurisy (not tuberculous)-----	4	-	-	-	-	-	2	-	-	-
111	Hemorrhagic infarction, thrombosis, edema*-----	5	-	1	-	-	1	1	-	2	-
112	Asthma-----	17	2	2	-	2	2	7	-	2	-
114	Other diseases of respiratory system (except tuberculosis)-----	4	-	-	-	1	-	2	1	-	-
114c-e	Other diseases of respiratory system (except tuberculosis)-----	4	-	-	-	1	-	2	1	-	-
	IX.-Diseases of the digestive system-----	184	17	28	6	38	9	57	3	24	2
115	Diseases of buccal cavity and adnexa, etc.*-----	4	-	1	-	1	-	1	-	1	-
117	Ulcer of stomach or duodenum-----	28	4	-	-	3	3	16	-	2	-
117a	Ulcer of stomach-----	22	3	-	-	2	2	14	-	1	-
117b	Ulcer of duodenum-----	6	1	-	-	1	1	2	-	1	-
118	Other diseases of stomach (except cancer)-----	3	-	-	-	-	-	2	-	1	-
119	Diarrhea, enteritis, etc.* (under 2 years)-----	48	4	17	4	10	1	7	1	3	1
120	Diarrhea, enteritis, etc.* (2 years and over)-----	7	-	2	-	-	-	5	-	-	-
121	Appendicitis-----	9	1	2	-	2	1	1	-	2	-
122	Hernia and intestinal obstruction-----	21	1	3	1	3	3	7	-	2	1
122a	Hernia-----	4	1	1	1	-	1	-	-	-	-
122b	Intestinal obstruction-----	17	-	2	-	3	2	7	-	2	1
123	Other diseases of intestines-----	2	-	-	-	2	-	-	-	-	-
124	Cirrhosis of liver-----	41	6	3	1	11	1	13	2	4	-
124a	Cirrhosis of liver with mention of alcoholism-----	11	-	-	1	4	-	5	1	-	-
124b	Cirrhosis of liver without mention of alcoholism-----	30	6	3	-	7	1	8	1	4	-
125	Other diseases of liver-----	6	-	-	-	1	-	2	-	3	-
126	Biliary calculi-----	4	-	-	-	3	-	1	-	-	-
127	Other diseases of gallbladder, biliary ducts-----	2	1	-	-	-	-	1	-	-	-
128	Diseases of pancreas (except diabetes mellitus)-----	8	-	-	-	-	-	1	-	5	-
129	Peritonitis (cause not stated)-----	1	-	-	-	-	-	-	-	1	-

Refer to International List for complete title, table IX.

VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—DEATHS FROM EACH CAUSE, BY RACE: HAWAII, 1947—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
	X.—Diseases of the genito-urinary system—	279	34	23	8	60	40	70	8	34	2
130	Acute nephritis—	7	-	1	1	-	-	3	1	1	-
131	Chronic nephritis—	245	30	19	6	57	37	61	7	27	1
131a	Arteriosclerotic kidney—	207	22	15	6	56	34	48	7	18	1
131b	Other chronic nephritis—	38	8	4	-	1	3	13	-	9	-
132	Nephritis unspecified (10 years and over)—	6	-	-	-	1	2	1	-	2	-
133	Other diseases of kidneys, ureters, etc.*—	10	1	1	-	1	1	2	-	4	-
134	Calculi of urinary passages—	5	2	1	-	-	-	1	-	-	1
135	Diseases of urinary bladder—	1	-	-	-	-	-	1	-	-	-
137	Diseases of prostate—	3	-	-	1	1	-	1	-	-	-
137a	Hypertrophy of prostate—	3	-	-	1	1	-	1	-	-	-
139	Diseases of female genital organs—	2	1	1	-	-	-	-	-	-	-
139a	Diseases of ovaries, fallopian tubes, parametria—	2	1	1	-	-	-	-	-	-	-
	XI.—Diseases of pregnancy, childbirth, and the puerperium	12	-	1	1	3	1	5	-	1	-
140	Abortion with mention of infection—	1	-	-	-	1	-	-	-	-	-
142	Ectopic gestation—	1	-	-	-	1	-	-	-	-	-
142b	Ectopic gestation, without mention of infection—	1	-	-	-	1	-	-	-	-	-
144	Toxæmia of pregnancy (death before delivery)—	1	-	-	-	-	1	-	-	-	-
145	Other diseases of pregnancy (death before delivery)*—	1	-	-	-	-	-	1	-	-	-
145a	With mention of infection—	1	-	-	-	-	-	1	-	-	-
147	Infection during childbirth and puerperium—	2	-	1	-	1	-	-	-	-	-
148	Puerperal toxæmia (excluding death before delivery)—	2	-	-	-	-	-	2	-	-	-
149	Other accidents and specified conditions of childbirth—	4	-	-	1	-	-	2	-	1	-
	XII.—Diseases of the skin and cellular tissue	4	2	-	-	-	-	1	-	1	-
151	Carbuncle and furuncle—	1	1	-	-	-	-	-	-	-	-
153	Other diseases of skin and cellular tissue—	3	1	-	-	-	-	1	-	1	-
	XIII.—Diseases of the bones, etc.*	1	-	-	-	-	-	1	-	-	-
156	Diseases of joints, other organs of movement—	1	-	-	-	-	-	1	-	-	-
	XIV.—Congenital malformations	78	-	17	3	17	3	30	-	6	2
157a-d	Congenital malformations of central nervous system—	23	-	3	-	8	2	10	-	-	2
157e,f	Congenital malformations of cardiovascular system—	39	-	10	2	7	-	16	-	3	-
157g,h,m	Other congenital malformations—	17	-	4	1	4	1	4	-	3	-
	XV.—Diseases peculiar to the first year of life	242	4	65	5	54	14	66	1	29	4
158	Congenital debility (cause not stated)—	3	-	2	-	-	-	-	-	1	-
159	Premature birth (cause not stated)—	147	1	40	3	33	10	40	1	17	2
160	Injury at birth—	49	1	7	1	13	3	15	-	8	1
161	Other diseases peculiar to first year of life—	43	2	16	1	8	1	11	-	3	1
162	XVI.—Senility	16	1	-	-	4	2	8	-	1	-
	XVII.—Violent or accidental deaths	333	21	31	9	108	9	87	11	46	11
163,164	Suicide—	57	2	3	1	16	2	20	3	7	1
163	Suicide by poisoning—	19	1	1	1	6	-	6	2	1	1
164	Suicide by other means—	38	1	2	-	12	2	14	1	6	-
165-168	Homicide ¹ —	20	2	2	-	1	2	2	1	7	3
166	Homicide by firearms—	3	-	1	-	-	-	-	-	1	1
167	Homicide by cutting or piercing instruments—	10	1	1	-	-	-	1	1	5	1
168	Homicide by other means—	7	1	-	-	1	2	1	-	2	1
169-195	Accidental deaths—	255	17	26	8	89	5	65	7	32	6
169	Railway accidents (except collisions with motor vehicles)—	3	-	-	-	-	-	2	-	1	-
170	Motor-vehicle accidents—	69	4	8	2	24	2	13	3	12	1
170c	Automobile accidents (except collisions with trains or streetcars)—	60	4	6	1	19	2	13	3	11	1
170d	Motorcycle accidents (except collisions with automobiles)—	9	-	2	1	5	-	-	-	1	-
172	Water-transport accidents—	8	-	1	-	2	-	4	-	-	1
173	Air-transport accidents—	17	-	-	-	17	-	-	-	-	-
174	Accidents in mines and quarries—	1	1	-	-	-	-	-	-	-	-
175	Agricultural and forestry accidents—	9	1	-	1	-	-	4	-	3	-
175a-c	Agricultural accidents—	9	1	-	1	-	-	4	-	3	-
176	Other accidents involving machinery—	6	-	-	-	1	1	2	-	2	-
177	Food poisoning—	1	-	-	-	-	-	-	-	1	-
179	Acute accidental poisoning by solids or liquids—	6	-	-	-	1	1	3	-	1	-
180	Conflagration—	2	-	-	-	-	-	2	-	-	-
181	Accidental burns (except conflagration)—	9	-	2	-	3	-	4	-	-	-
182	Accidental mechanical suffocation—	3	-	1	-	1	-	1	-	-	-
183	Accidental drowning—	39	5	3	1	11	-	13	2	2	2
184	Accidental injury by firearms—	8	1	1	-	6	-	-	-	-	-
185	Accidental injury by cutting or piercing instruments—	2	-	1	-	1	-	-	-	-	-
186	Accidental injury by fall or crushing—	36	1	4	1	14	1	7	1	6	1
186a	Accidental injury by fall—	34	1	4	1	14	1	6	1	5	1
186b	Accidental injury by crushing—	2	-	-	-	-	-	1	-	1	-
183	Accidents due to electric currents (except lightning)—	7	1	1	-	1	-	4	-	-	-
195	Other accidents—	29	3	4	3	7	-	6	1	4	1
195d	Obstruction, suffocation, etc.*—	13	2	1	2	3	-	1	1	3	-
195c,e	Other and unspecified accidents—	16	1	3	1	4	-	5	-	1	1
198	Legal executions—	1	-	-	-	-	-	-	-	-	1
	XVIII.—Ill-defined and unknown causes	8	-	-	1	3	1	-	-	3	-
200b,c	Unknown or unspecified causes—	8	-	-	1	3	1	-	-	3	-

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

¹Includes figures for infanticide (165).

TABLE 14.-DEATHS FROM SELECTED CAUSES, BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH:
HAWAII, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown.)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		ALL CAUSES-----	3,219	328	257	299	262	256	281	254	277	252	264	241	245
Male----	2,070	224	165	185	174	159	160	155	182	160	161	174	152
Female--	1,149	104	92	114	88	100	101	99	95	92	103	67	94
Cerebrospinal (meningococcus) meningitis-----6	2	1	1	-	-	-	-	-	-	-	-	-	-
Whooping cough-----9	16	-	-	2	1	-	2	3	4	1	2	1	-
Tuberculosis (all forms)-----13-22	238	22	23	29	19	24	23	13	22	15	21	17	13
Tuberculosis of respiratory system, etc.*-----13	228	21	23	28	15	22	22	13	22	12	20	17	13
Tuberculosis (other forms)-----14-22	10	1	-	1	3	2	1	-	-	1	1	-	-
Dysentery-----27	8	-	-	1	3	3	-	-	1	-	-	-	-
Syphilis-----30	57	9	1	3	5	9	4	3	5	7	8	3	1
Cancer and other malignant tumors-----45-55	415	31	29	33	31	28	51	32	40	34	37	32	37
Cancer of the digestive organs and peritoneum-----46	220	20	16	13	14	12	31	21	16	18	19	16	24
Cancer of female genital organs-----48,49	46	2	3	3	6	4	3	4	3	1	6	6	4
Cancer of the breast-----50	16	-	-	4	2	-	2	2	1	2	2	4	1
Cancer (other sites)-----45,47,51-55	133	9	10	13	9	12	14	6	19	13	10	10	6
Acute rheumatic fever-----58	6	1	-	1	2	-	2	-	-	-	-	-	-
Diabetes mellitus-----61	85	11	5	9	5	8	5	5	6	9	11	4	7
Exophthalmic goiter-----63b	2	-	-	-	-	1	-	-	-	-	1	-	-
Alcoholism (ethylish)-----77	8	1	-	-	1	2	-	1	-	1	1	-	1
Intracranial lesions of vascular origin-----83	243	25	23	23	18	19	25	23	17	17	20	15	18
Diseases of the heart-----90-95	624	71	62	51	63	53	50	49	50	44	41	37	53
Chronic rheumatic diseases of the heart-----90a,92b,c,93a,95b	45	4	8	5	2	3	2	6	3	1	5	3	3
Diseases of coronary arteries and angina pectoris-----94	160	18	18	12	17	9	17	7	11	14	11	12	14
Diseases of heart (other forms)-90b,91,92a,d,e,93a,b,d,e,95a,c	419	49	36	34	44	41	31	36	36	29	25	22	36
Arteriosclerosis and high blood pressure*-----97,102	23	6	1	1	3	1	1	2	1	2	3	2	-
Pneumonia (all forms) and influenza-----107-109,33	122	12	16	16	7	11	6	9	10	8	9	7	11
Dyschloppneumonia-----107	91	10	12	13	5	8	4	6	5	6	7	6	9
Lobar pneumonia-----108	22	2	2	2	2	2	1	3	5	6	1	1	1
Pneumonia (unspecified)-----109	5	-	1	1	-	1	-	-	-	2	-	-	-
Influenza-----33	4	-	1	-	-	1	-	-	-	-	1	-	1
Ulcer of stomach or duodenum-----117	28	5	1	2	1	1	3	5	1	2	4	1	2
Diarrhea, enteritis, etc.*-----119,120	55	1	2	4	5	6	10	9	5	3	5	2	3
Appendicitis-----121	9	1	1	-	1	1	1	1	1	1	-	-	-
Hemia and intestinal obstruction-----122	21	3	3	3	2	2	1	-	3	3	2	2	1
Cirrhosis of the liver-----124	41	-	-	6	2	1	5	4	3	5	3	6	4
Biliary calculi, etc.*-----126,127	6	-	1	-	-	-	-	-	-	1	1	3	-
Nephritis-----130-132	258	22	25	24	26	26	19	14	19	23	9	21	30
Diseases of the prostate-----137	3	-	2	-	-	-	1	-	-	-	-	-	-
Diseases of pregnancy, etc.*-----140-150	12	2	1	-	-	3	1	-	-	2	-	2	1
Puerperal septicemia-----140,142a,145a,147	4	-	1	-	-	-	1	-	-	-	-	1	1
Puerperal toxemia-----141a,c,144,148	3	1	-	-	-	1	-	-	-	1	-	-	-
Hemorrhage, trauma or shock*-----141b,142b,143,146,149	5	1	-	-	-	2	-	-	-	1	-	1	-
Congenital malformations-----157	78	9	5	3	4	12	4	7	8	7	8	7	4
Diseases peculiar to first year of life-----158-161	242	26	11	24	21	17	18	18	19	19	28	26	16
Premature birth-----159	147	21	5	17	13	6	8	8	13	14	15	19	7
Other diseases peculiar to first year of life-----158,160,161	95	5	6	7	8	11	10	9	6	4	13	7	9
Suicide-----163,164	57	4	4	5	3	7	2	4	7	3	4	9	5
Homicide-----165-168	20	1	2	-	-	-	4	2	3	2	2	3	1
Accidental deaths-----169-195	255	22	18	27	21	11	22	21	33	16	21	22	21
Motor-vehicle accidents-----170	69	7	5	3	3	3	9	6	9	4	6	7	7
Other accidents-----169,171-195	186	15	13	24	18	8	13	15	24	12	15	15	14
Senility, ill-defined and unknown causes-----162,199,200	24	4	2	3	2	1	-	1	1	3	2	3	2
All other causes-----	261	38	18	27	18	13	21	28	21	27	21	14	15

*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: HAWAII, 1947

(Exclusive of stillbirths. Causes in the selected list (table 11, 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 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 and over	Not stated
	ALL CAUSES	3,219	452	88	44	38	61	77	201	267	402	496	623	358	107	7			
	Hawaiian and Part-Hawaiian—Male	373	80	16	16	11	6	4	31	20	47	56	47	26	12	1			
	Hawaiian and Part-Hawaiian—Female	352	79	15	3	3	5	5	18	32	36	65	51	27	14	1			
	Caucasian—Male	458	46	5	2	3	21	17	33	51	74	70	61	57	13	5			
	Caucasian—Female	255	36	7	1	1	3	6	23	14	20	46	38	44	16				
	Japanese—Male	634	67	21	11	7	8	16	30	23	38	115	196	89	13				
	Japanese—Female	352	47	8	4	3	7	11	25	19	36	69	71	30	2				
	All other—Male	605	53	4	5	5	9	8	25	83	111	64	131	76	30				
	All other—Female	210	44	12	2	5	2	9	16	25	40	11	28	9	7				
6	Cerebrospinal (meningococcus) meningitis	2		2															
	Hawaiian and Part-Hawaiian—Male																		
	Hawaiian and Part-Hawaiian—Female																		
	Caucasian—Male																		
	Caucasian—Female	1		1															
	Japanese—Male	1		1															
	Japanese—Female																		
	All other—Male																		
	All other—Female																		
9	Whooping cough	16	12	4															
	Hawaiian and Part-Hawaiian—Male	3	2	1															
	Hawaiian and Part-Hawaiian—Female	3	2	1															
	Caucasian—Male	1	1																
	Caucasian—Female																		
	Japanese—Male	1	1																
	Japanese—Female	2	2																
	All other—Male	2	2																
	All other—Female	4	2	2															
13-22	Tuberculosis (all forms)	238	2	5	1	1	6	12	45	36	43	37	44	5	1				
	Hawaiian and Part-Hawaiian—Male	23		1	1	1			5	5	4	2	3						
	Hawaiian and Part-Hawaiian—Female	24		1			2		7	2	3	5	2	1	1				
	Caucasian—Male	20						1	3	5	6	3	2						
	Caucasian—Female	3					1		1	1									
	Japanese—Male	43		1			1	2	7	3	2	7	18	2					
	Japanese—Female	26					1	3	13	2	4	3							
	All other—Male	72					1	1	5	15	17	14	17	2					
	All other—Female	27	2	2			1	3	4	3	7	3	2						
13	Tuberculosis of respiratory system, etc.*	228	1	2		1	6	12	43	36	41	37	43	5	1				
	Hawaiian and Part-Hawaiian—Male	21				1			5	5	4	2	3						
	Hawaiian and Part-Hawaiian—Female	23		1			2		7	2	2	5	2	1	1				
	Caucasian—Male	19						1	3	5	5	3	2						
	Caucasian—Female	3						1	1	1									
	Japanese—Male	42		1			1	2	7	3	2	7	17	2					
	Japanese—Female	26					1	3	13	2	4	3							
	All other—Male	71					1	1	4	15	17	14	17	2					
	All other—Female	23	1				1	3	3	3	7	3	2						
14-22	Tuberculosis (other forms)	10	1	3	1				2		2		1						
	Hawaiian and Part-Hawaiian—Male	2		1	1														
	Hawaiian and Part-Hawaiian—Female	1										1							
	Caucasian—Male	1										1							
	Caucasian—Female																		
	Japanese—Male	1											1						
	Japanese—Female																		
	All other—Male	1							1										
	All other—Female	4	1	2					1										
27	Dysentery	8	5	1												2			
	Hawaiian and Part-Hawaiian—Male	3	3																
	Hawaiian and Part-Hawaiian—Female	1		1															
	Caucasian—Male																		
	Caucasian—Female																		
	Japanese—Male	1	1																
	Japanese—Female																		
	All other—Male	2														2			
	All other—Female	1	1																
30	Syphilis	57	2		1		1		1	8	14	15	12	3					
	Hawaiian and Part-Hawaiian—Male	11			1					3	2	3	2						
	Hawaiian and Part-Hawaiian—Female	5	2									2	1						
	Caucasian—Male	5										1	2	2					
	Caucasian—Female	1								1									
	Japanese—Male	11								1	2	3	5						
	Japanese—Female	5					1				1	3							
	All other—Male	16								3	7	3	2	1					
	All other—Female	3								1	2								
45-55	Cancer and other malignant tumors	415		3	3	5	2	2	12	25	78	108	126	46	6	1			
	Hawaiian and Part-Hawaiian—Male	43				3			1	7	11	14	14	4	2				
	Hawaiian and Part-Hawaiian—Female	45			1	1			2	5	7	11	11	4		1			
	Caucasian—Male	39		1	1					2	12	10	9	4					
	Caucasian—Female	35			1		1		2	2	6	6	6	4	1				
	Japanese—Male	120		1				1	1	2	12	37	50	14	2				
	Japanese—Female	59		1				1	5	5	6	18	14	7					
	All other—Male	51					1			2	15	10	13	9	1				
	All other—Female	25				1			1	6	9	1	7						
46	Cancer of the digestive organs and peritoneum	220					2	2	3	9	33	62	79	27	3				
	Hawaiian and Part-Hawaiian—Male	24								1	3	5	13	2					
	Hawaiian and Part-Hawaiian—Female	13								2	1	3	4	3					
	Caucasian—Male	18									5	7	4	2					
	Caucasian—Female	13					1			1	1	4	3	2	1				
	Japanese—Male	84						1	1	2	6	26	38	8	2				
	Japanese—Female	30						1	2	1	6	9	8	3					
	All other—Male	34					1			1	9	8	8	7					
	All other—Female	4								1	2		1						

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

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
48,49	Cancer and other malignant tumors—Continued															
	Cancer of female genital organs	46							3	9	13	11	8	1		1
	Hawaiian and Part-Hawaiian—Female	11						1	1	3	4	4	1	1		
	Caucasian—Female	12						1	1	6	2	2	2			
	Japanese—Female	16						1	4	2	5	2	4			
	All other—Female	7							3	2	2	2				
50	Cancer of the breast	16							1	1	5	3	6			
	Hawaiian and Part-Hawaiian—Male	7										1	4			
	Caucasian—Male	7								1	1	1				
	Japanese—Male	4							1		1	1				
	All other—Male	1										1				
	Female	4									3		1			
45,47, 51-55	Cancer (other sites)	133		3	3	5			5	8	27	30	33	18	3	
	Hawaiian and Part-Hawaiian—Male	19				3			1		4	6	3	2	2	
	Female	12			1	1			1	1	2	3	1			
	Caucasian—Male	21		1	1					2	7	3	5	2		
	Female	6			1						1	1	2	2		
	Japanese—Male	36		1	1						6	11	12	6		
	Female	12		1					2			3	2	4		
	All other—Male	17		1						1	6	2	2	2	1	
	Female	10				1			1	2	2	2	5			
58	Acute rheumatic fever	6			3	2		1								
	Hawaiian and Part-Hawaiian—Male	2			1			1								
	Caucasian—Male	2														
	Japanese—Male	3			2	1										
	All other—Male	1				1										
	Female	1														
61	Diabetes mellitus	85						1		2	7	24	34	15	2	
	Hawaiian and Part-Hawaiian—Male	7										3	3	1		
	Female	20							1	3	6	8	8	2		
	Caucasian—Male	12							1	2	4	4	2	3		
	Female	9									2	4	5	5		
	Japanese—Male	12									6	5	1			
	Female	6						1			1	4	4	1		
	All other—Male	14									1	2	6	3	2	
	Female	5									1		2	2		
63b	Exophthalmic goiter	2							1		1					
	Hawaiian and Part-Hawaiian—Male	1														
	Caucasian—Male	1														
	Japanese—Male	1										1				
	All other—Male	1														
	Female	1														
77	Alcoholism (ethylinia)	8					1			4	1	2				
	Hawaiian and Part-Hawaiian—Male	1										1				
	Caucasian—Male	5					1			3	1					
	Japanese—Male	1										1				
	All other—Male	1														
	Female	1								1						
85	Intracranial lesions of vascular origin	243							4	12	40	54	75	50	8	
	Hawaiian and Part-Hawaiian—Male	18							1	3	3	6	4	2	2	
	Female	18								2	8	8	8	3		
	Caucasian—Male	32							2	1	7	4	8	9	1	
	Female	24								3	1	7	8	7	1	
	Japanese—Male	65								3	6	11	28	16	6	
	Female	40							1	3	6	11	15	8	1	
	All other—Male	35								3	11	5	8	7	1	
	Female	11								1	4	2	2	2		
90-95	Diseases of the heart	624	2	2		5	1	5	16	39	89	152	165	119	48	1
	Hawaiian and Part-Hawaiian—Male	70		1		2			5	1	17	14	12	13	3	1
	Female	78	1			1			2	6	9	19	21	11	8	
	Caucasian—Male	117							4	13	22	33	22	18	5	
	Female	51								5	12	11	14	8		
	Japanese—Male	108	1			1	1	3	1	3	2	21	39	25	5	
	Female	49								2	5	18	18	7	1	
	All other—Male	118		1					2	15	16	12	35	25	14	
	Female	33				1		1	1	9	3	7	7	6	4	
90a,92b,c, 93c,95b	Chronic rheumatic diseases of the heart	45		2		5		3	5	5	9	7	5	4		
	Hawaiian and Part-Hawaiian—Male	9		1		2			1		3	2	2			
	Female	14				1			2	1	4	3	1	2		
	Caucasian—Male	2								1	1	1				
	Female	4									2			1		
	Japanese—Male	6				1		1	1	1	1		1	1		
	Female	2									1		1			
	All other—Male	4		1					1	2						
	Female	4				1		1	1	1						
94	Diseases of coronary arteries and angina pectoris	160							4	17	40	36	21	4		
	Hawaiian and Part-Hawaiian—Male	18							1	10	10	4	2			
	Female	12								1	4	3	3			
	Caucasian—Male	46							2	8	10	14	8	3	1	
	Female	10								1	2	3	2	1		
	Japanese—Male	24								1	6	4	11	3		
	Female	7									1	4	1	1		
	All other—Male	35							1	6	6	4	9	7	2	
	Female	8									4	2	2			

VITAL STATISTICS OF THE UNITED STATES

TABLE 15.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
Diseases of the heart—Continued																
90b, 91, 92a, d, e, 93a, b, d, e, 95a, c	Diseases of the heart (other forms)-----	419	2	-	-	-	1	2	7	17	40	67	124	94	44	1
	Hawaiian and Part-Hawaiian-----	43	-	-	-	-	-	-	4	1	4	10	9	11	3	1
	Female-----	52	1	-	-	-	-	-	-	4	4	13	16	6	8	-
	Caucasian-----	69	-	-	-	-	-	-	2	4	12	18	14	15	4	-
	Female-----	37	-	-	-	-	-	-	-	3	7	10	10	7	-	-
	Japanese-----	78	1	-	-	-	1	2	-	2	1	17	27	22	5	-
	Female-----	40	-	-	-	-	-	-	-	1	2	13	17	6	1	-
	All other-----	79	-	-	-	-	-	-	-	5	10	8	26	18	12	-
	Female-----	21	-	-	-	-	-	-	1	-	4	1	5	6	4	-
	97, 102	Arteriosclerosis and high blood-pressure*-----	23	-	-	-	-	-	-	-	-	2	3	6	7	5
Hawaiian and Part-Hawaiian-----		1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Female-----		1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Caucasian-----		3	-	-	-	-	-	-	-	-	1	1	-	1	-	-
Female-----		3	-	-	-	-	-	-	-	-	1	1	-	1	-	-
Japanese-----		3	-	-	-	-	-	-	-	-	-	1	3	-	-	-
Female-----		4	-	-	-	-	-	-	-	-	1	-	-	3	-	-
All other-----		8	-	-	-	-	-	-	-	-	-	1	2	3	2	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107-109, 33		Pneumonia (all forms) and influenza-----	122	44	9	3	1	1	1	5	8	5	2	23	18	4
	Hawaiian and Part-Hawaiian-----	24	10	3	3	-	-	-	1	-	-	-	1	4	-	-
	Female-----	27	18	2	-	-	1	-	1	-	-	-	3	1	1	-
	Caucasian-----	10	1	1	-	-	-	-	-	1	1	-	2	4	-	-
	Female-----	9	-	1	-	-	-	-	1	4	-	-	1	1	1	-
	Japanese-----	20	8	1	-	1	-	-	-	-	-	-	6	4	-	-
	Female-----	4	2	1	-	-	-	-	-	-	-	-	-	1	-	-
	All other-----	20	4	-	-	-	-	-	1	2	1	-	7	3	2	-
	Female-----	8	3	-	-	-	-	1	1	1	1	-	1	-	-	-
	107	Bronchopneumonia-----	91	31	8	3	1	-	1	3	6	2	2	17	13	4
Hawaiian and Part-Hawaiian-----		20	8	3	3	-	-	-	1	-	-	-	1	2	-	-
Female-----		18	11	2	-	-	-	-	-	-	-	-	3	1	1	-
Caucasian-----		5	1	-	-	-	-	-	-	-	1	-	1	2	-	-
Female-----		7	-	1	-	-	-	-	1	3	-	-	-	1	1	-
Japanese-----		16	4	1	-	1	-	-	-	-	-	-	6	4	-	-
Female-----		4	2	1	-	-	-	-	-	-	-	-	-	1	-	-
All other-----		16	2	-	-	-	-	-	1	2	1	-	6	2	2	-
Female-----		5	3	-	-	-	-	1	-	1	-	-	-	-	-	-
108		Lobar pneumonia-----	22	8	1	-	-	1	-	-	2	1	-	5	4	-
	Hawaiian and Part-Hawaiian-----	3	2	-	-	-	-	-	-	-	-	-	-	1	-	-
	Female-----	4	3	-	-	-	1	-	-	-	-	-	-	-	-	-
	Caucasian-----	5	-	1	-	-	-	-	-	1	-	-	1	2	-	-
	Female-----	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-
	Japanese-----	4	2	-	-	-	-	-	-	-	-	-	2	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other-----	3	1	-	-	-	-	-	-	-	-	-	1	1	-	-
	Female-----	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	109	Pneumonia (unspecified)-----	5	2	-	-	-	-	-	2	-	-	-	-	1	-
Hawaiian and Part-Hawaiian-----		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Female-----		2	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Caucasian-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Japanese-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other-----		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----		1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
33		Influenza-----	4	3	-	-	-	-	-	-	-	-	-	1	-	-
	Hawaiian and Part-Hawaiian-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Japanese-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	117	Ulcer of stomach or duodenum-----	28	1	-	-	-	-	-	2	-	4	8	10	2	1
Hawaiian and Part-Hawaiian-----		4	1	-	-	-	-	-	-	-	1	2	-	-	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caucasian-----		2	-	-	-	-	-	-	-	-	-	-	2	-	-	-
Female-----		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Japanese-----		15	-	-	-	-	-	-	1	-	-	5	6	2	1	-
Female-----		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
All other-----		4	-	-	-	-	-	-	1	-	1	-	2	-	-	-
Female-----		1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
119, 120		Diarrhea, enteritis, etc.*-----	55	44	7	2	-	-	-	-	-	-	-	1	1	-
	Hawaiian and Part-Hawaiian-----	15	13	1	1	-	-	-	-	-	-	-	-	-	-	-
	Female-----	8	6	1	1	-	-	-	-	-	-	-	-	-	-	-
	Caucasian-----	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	8	6	2	-	-	-	-	-	-	-	-	-	-	-	-
	Japanese-----	8	3	3	-	-	-	-	-	-	-	-	1	1	-	-
	Female-----	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other-----	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
	121	Appendicitis-----	9	-	-	-	1	1	-	1	2	1	1	-	2	-
Hawaiian and Part-Hawaiian-----		3	-	-	-	1	-	-	1	-	-	1	-	-	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caucasian-----		2	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Japanese-----		1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Female-----		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All other-----		1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Female-----		2	-	-	-	-	-	-	-	1	1	-	-	-	-	-

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

TABLE 15.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1947-Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
122	Hernia and intestinal obstruction-----	21	4	4	-	-	-	-	-	3	-	1	6	1	2	-
	Hawaiian and Part-Hawaiian-----	4	1	1	-	-	-	-	-	-	-	-	1	-	1	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian-----	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Female-----	2	-	-	-	-	-	-	-	1	-	-	-	-	1	-
	Japanese-----	4	2	1	-	-	-	-	-	-	-	-	1	-	-	-
	Female-----	3	-	1	-	-	-	-	-	-	-	1	1	-	-	-
All other-----	5	1	-	-	-	-	-	-	-	1	-	3	-	-	-	
Female-----	2	-	1	-	-	-	-	-	-	1	-	-	-	-	-	
124	Cirrhosis of the liver-----	41	1	1	-	-	-	-	7	6	8	8	7	3	-	-
	Hawaiian and Part-Hawaiian-----	6	-	-	-	-	-	-	1	1	2	1	1	1	-	
	Female-----	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
	Caucasian-----	7	-	-	-	-	-	-	-	4	-	1	1	-	-	
	Female-----	4	-	-	-	-	-	-	3	-	-	1	1	-	-	
	Japanese-----	11	-	-	-	-	-	-	3	-	1	2	3	2	-	
	Female-----	2	-	-	-	-	-	-	-	-	-	1	1	-	-	
All other-----	7	-	-	-	-	-	-	-	-	4	1	2	-	-		
Female-----	1	1	-	-	-	-	-	-	-	-	1	-	-	-		
126,127	Biliary calculi, etc.*-----	6	-	-	-	-	-	-	1	1	1	3	-	-	-	
	Hawaiian and Part-Hawaiian-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Caucasian-----	1	-	-	-	-	-	-	-	1	-	-	-	-	-	
	Female-----	2	-	-	-	-	-	-	-	1	-	1	-	-	-	
	Japanese-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
	Female-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	
All other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
130-132	Nephritis-----	258	-	4	2	-	2	3	10	25	41	47	62	45	17	
	Hawaiian and Part-Hawaiian-----	21	-	1	-	-	1	1	1	6	6	4	6	4	1	
	Female-----	28	-	1	-	-	-	1	1	5	6	8	4	3		
	Caucasian-----	28	-	-	-	-	-	-	-	6	6	6	4	8		
	Female-----	29	-	1	-	-	-	2	2	3	3	3	10			
	Japanese-----	37	-	1	1	-	-	3	1	2	2	6	13	8		
	Female-----	28	-	-	-	-	2	1	1	1	6	5	10			
All other-----	67	-	-	1	-	1	1	1	10	8	9	20	12			
Female-----	18	-	-	-	-	-	1	5	4	1	1	6	1			
137	Diseases of the prostate-----	3	-	-	-	-	-	-	-	-	-	-	1	1	1	
	Hawaiian and Part-Hawaiian-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Caucasian-----	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
	Female-----	1	-	-	-	-	-	-	-	-	-	-	-	-	1	
140-150	Diseases of pregnancy, etc.*-----	12	-	-	-	-	-	3	7	2	-	-	-	-	-	
	Hawaiian and Part-Hawaiian-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	
	Female-----	3	-	-	-	-	-	-	3	-	-	-	-	-		
	Caucasian-----	5	-	-	-	-	-	2	1	2	-	-	-	-		
	Female-----	3	-	-	-	-	-	1	2	-	-	-	-			
140,142a, 145A,147	Puerperal septicemia-----	4	-	-	-	-	-	3	1	-	-	-	-	-	-	
	Hawaiian and Part-Hawaiian-----	1	-	-	-	-	-	-	1	-	-	-	-	-		
	Female-----	2	-	-	-	-	-	-	2	-	-	-	-			
	Japanese-----	1	-	-	-	-	-	-	1	-	-	-	-			
142a,c, 144,148	Puerperal toxemia-----	3	-	-	-	-	1	1	1	-	-	-	-	-		
	Hawaiian and Part-Hawaiian-----	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Caucasian-----	2	-	-	-	-	-	-	-	-	-	-	-	-		
	Female-----	2	-	-	-	-	1	-	1	-	-	-	-			
141b,142b, 143,146, 149	Hemorrhage, trauma or shock*-----	5	-	-	-	-	2	3	-	-	-	-	-	-		
	Hawaiian and Part-Hawaiian-----	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Female-----	1	-	-	-	-	-	1	-	-	-	-	-			
	Japanese-----	2	-	-	-	-	1	1	-	-	-	-	-			
157	Congenital malformations-----	78	58	9	2	1	2	-	4	1	1	-	-	-		
	Hawaiian and Part-Hawaiian-----	6	6	1	-	-	-	-	1	-	-	-	-			
	Female-----	9	8	1	-	-	-	-	-	-	-	-	-			
	Caucasian-----	11	8	-	1	-	-	-	1	-	1	-	-			
	Female-----	6	5	-	-	-	-	-	1	-	-	-	-			
	Japanese-----	18	12	3	1	-	1	-	1	-	-	-	-			
	Female-----	12	8	1	-	1	-	1	-	-	-	-	-			
All other-----	5	3	2	-	-	-	-	-	-	-	-	-				
Female-----	9	8	1	-	-	-	-	-	-	-	-	-				
158-161	Diseases peculiar to first year of life-----	242	242	...	...	...	...	...	...	...	...	...	...	...	...
	Hawaiian and Part-Hawaiian-----	34	34	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	35	35	...	...	...	...	...	...	...	...	...	...	...	...
	Caucasian-----	31	31	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	23	23	...	...	...	...	...	...	...	...	...	...	...	...
	Japanese-----	38	38	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	27	27	...	...	...	...	...	...	...	...	...	...	...	...
All other-----	35	35	...	...	...	...	...	...	...	...	...	...	...	...
Female-----	18	18	...	...	...	...	...	...	...	...	...	...	...	...
159	Premature birth-----	147	147	...	...	...	...	...	...	...	...	...	...	...	...
	Hawaiian and Part-Hawaiian-----	21	21	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	20	20	...	...	...	...	...	...	...	...	...	...	...	...
	Caucasian-----	21	21	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	12	12	...	...	...	...	...	...	...	...	...	...	...	...
	Japanese-----	30	30	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	10	10	...	...	...	...	...	...	...	...	...	...	...	...
All other-----	22	22	...	...	...	...	...	...	...	...	...	...	...	...
Female-----	11	11	...	...	...	...	...	...	...	...	...	...	...	...
158,160 161	Other diseases peculiar to first year of life-----	95	95	...	...	...	...	...	...	...	...	...	...	...	...
	Hawaiian and Part-Hawaiian-----	13	13	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	15	15	...	...	...	...	...	...	...	...	...	...	...	...
	Caucasian-----	10	10	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	11	11	...	...	...	...	...	...	...	...	...	...	...	...
	Japanese-----	9	9	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	17	17	...	...	...	...	...	...	...	...	...	...	...	...
All other-----	13	13	...	...	...	...	...	...	...	...	...	...	...	...
Female-----	7	7	...	...	...	...	...	...	...	...	...	...	...	...

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

TABLE 16.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE AND CONTROL: HAWAII, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total deaths	Deaths not in institutions	Deaths in institutions ¹	TYPE OF SERVICE					TYPE OF CONTROL				
				General hospitals	Tuberculosis hospitals	Other non-resident hospitals and institutions	Mental institutions	Other resident institutions	Federal	Territorial Government	County	Non-profit	Proprietary
ALL CAUSES	3,219	976	2,241	1,595	145	377	64	20	100	111	458	1,000	552
Cerebrospinal (meningococcus) meningitis	2	-	2	1	-	1	-	-	-	-	-	-	1
Whooping cough	16	3	13	7	-	6	-	-	-	-	-	-	8
Tuberculosis (all forms)	238	23	215	53	135	12	10	-	8	14	61	119	8
Tuberculosis of respiratory system, etc.*	228	23	205	49	133	8	10	-	8	14	60	113	5
Tuberculosis (other forms)	10	-	10	4	2	4	-	-	-	-	1	6	3
Dysentery	8	-	8	3	-	5	-	-	-	-	2	1	5
Syphilis	57	11	46	29	1	4	11	1	2	11	9	18	6
Cancer and other malignant tumors	415	120	295	249	5	37	2	1	9	3	85	145	52
Cancer of the digestive organs and peritoneum	220	64	156	138	2	14	-	1	1	41	71	39	5
Cancer of female genital organs	46	11	35	26	1	7	1	-	-	1	9	20	5
Cancer of the breast	16	4	12	9	-	3	-	-	-	-	6	5	1
Cancer (other sites)	45,47,51-55	153	41	92	76	2	13	1	5	1	29	49	8
Acute rheumatic fever	58	6	52	5	-	1	-	-	-	-	1	2	3
Diabetes mellitus	61	85	26	59	49	-	6	1	2	1	11	36	10
Exophthalmic goiter	63b	2	-	2	-	-	-	-	-	-	-	-	-
Alcoholism (ethylish)	77	8	5	3	2	-	-	1	-	1	-	2	-
Intracranial lesions of vascular origin	83	243	97	146	155	-	2	4	1	2	4	25	30
Diseases of the heart	624	289	335	259	1	35	28	9	19	29	61	159	65
Chronic rheumatic diseases of heart-90a,92b,c,95c,95b	45	17	28	20	-	5	-	-	1	1	6	11	9
Diseases of coronary arteries and angina pectoris-94	160	95	65	56	1	-	5	-	6	5	8	33	15
Diseases of the heart (other forms-90b,91,92a,d,e,95a,b,d,e,95a,c)	419	177	242	185	-	22	25	9	12	25	47	114	41
Arteriosclerosis and high blood pressure*-97,102	23	3	20	9	-	7	4	-	-	4	9	3	4
Pneumonia (all forms) and influenza-107-109,33	122	36	86	60	-	21	4	-	2	4	17	32	30
Bronchopneumonia	91	32	59	40	-	16	2	-	2	2	10	28	19
Lobar pneumonia	22	2	20	15	-	4	1	-	-	1	3	6	10
Pneumonia (unspecified)	109	5	1	4	3	-	-	-	-	-	2	1	1
Influenza-33	4	1	3	2	-	-	1	-	-	1	2	-	-
Ulcer of stomach or duodenum	117	28	2	26	24	-	1	1	-	1	3	12	10
Diarrhea, enteritis, etc.*-119,120	55	9	46	12	-	34	-	-	-	-	5	4	37
Appendicitis	121	9	-	9	-	-	-	-	-	-	1	3	5
Hernia and intestinal obstruction	122	21	4	17	14	-	2	1	-	1	-	9	7
Cirrhosis of the liver	124	41	7	34	29	-	4	1	-	2	1	4	5
Biliary calculi, etc.-126,127	6	-	6	5	1	-	-	-	-	-	2	2	2
Nephritis-130-132	258	59	199	138	-	53	1	6	2	1	79	78	38
Diseases of the prostate	157	3	-	3	-	-	-	-	1	1	1	1	-
Diseases of pregnancy, etc.*-140-150	12	-	12	9	-	3	-	-	2	-	1	6	3
Puerperal septicemia-140,142a,145a,147	4	-	4	3	-	1	-	-	1	-	-	2	1
Puerperal toxemia-141a,c,144,148	3	-	3	1	-	2	-	-	-	-	-	1	2
Hemorrhage, trauma or shock*-141b,142b,143,146,149	5	-	5	5	-	-	-	-	1	-	1	3	-
Congenital malformations-157	78	8	70	44	-	24	2	-	1	2	6	23	38
Diseases peculiar to first year of life-158-161	242	11	231	172	-	59	-	-	12	-	26	90	102
Premature birth-159	147	4	143	106	-	36	-	-	7	-	12	59	65
Other diseases peculiar to first year-158,160,161	95	7	88	66	-	22	-	-	5	-	14	32	37
Suicide-163,164	57	39	18	17	1	-	-	-	3	-	5	10	-
Homicide-165-168	20	15	5	5	-	-	-	-	-	-	-	3	2
Accidental deaths-169-195	255	157	118	102	-	15	-	-	25	-	15	45	30
Motor-vehicle accidents-170	69	23	46	41	-	5	-	-	11	-	4	19	12
Other accidents-169,171-195	186	114	72	61	-	8	-	-	14	-	11	26	18
Senility, ill-defined and unknown causes-162,199,200	24	17	7	7	-	-	-	-	-	-	2	4	1
All other causes	261	57	204	142	1	48	13	-	8	34	25	85	52

*Refer to International List for complete title, table IX.
¹Includes deaths occurring in institutions of unknown type.

TABLE 17.-DEATHS FROM SELECTED CAUSES: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947

(By place of occurrence. 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	HAWAII	HAWAII COUNTY			HONOLULU COUNTY			Kalaheo County	Kauai County	Maui County
		Total	Hilo (city)	Balance of county	Total	Honolulu (city)	Balance of county			
ALL CAUSES	3,219	487	199	286	2,141	1,717	424	28	207	356
Cerebrospinal (meningococcus) meningitis	2	1	-	1	1	1	-	-	-	2
Whooping cough	16	5	3	2	8	6	2	-	1	8
Tuberculosis (all forms)	238	29	23	6	164	127	37	5	20	20
Dysentery	8	-	-	-	7	6	1	-	-	1
Syphilis	57	7	5	2	36	21	15	-	6	8
Cancer and other malignant tumors	415	79	38	43	263	235	28	1	25	47
Acute rheumatic fever	58	6	1	-	3	3	-	-	1	1
Diabetes mellitus	61	10	6	4	58	50	8	-	6	11
Intracranial lesions of vascular origin	83	47	14	33	149	122	27	-	22	26
Diseases of the heart	624	88	27	61	415	328	87	2	32	87
Pneumonia (all forms) and influenza-107-109,33	122	26	13	13	79	66	13	-	7	10
Diarrhea, enteritis, and ulceration of intestines-119,120	55	6	1	5	43	41	2	-	-	6
Nephritis-130-132	258	41	23	18	173	157	16	-	17	27
Diseases of pregnancy, childbirth, and the puerperium-140-150	12	-	-	-	9	9	-	-	2	1
Congenital malformations and diseases peculiar to first year of life (except premature birth)-157,158,160,161	173	26	11	15	119	101	18	-	6	22
Premature birth-159	147	11	4	7	120	93	27	1	4	11
Suicide-163,164	57	15	-	13	32	24	8	-	6	6
Homicide-165-168	20	3	-	3	16	11	5	-	1	-
Motor-vehicle accidents-170	69	13	3	10	49	27	22	-	5	2
Other accidents-169,171-195	186	23	10	13	131	77	54	-	10	22
Senility, ill-defined and unknown causes-162,199,200	24	7	2	5	12	9	3	-	1	4
All other causes	402	51	17	34	254	203	51	19	35	43

TABLE 18.—DEATHS UNDER 1 YEAR, FROM SELECTED CAUSES, BY DETAILED AGE: HAWAII, 1947

(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	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.
ALL CAUSES-----	452	151	32	24	36	22	9	13	287	27	38	13	14	13	11	12	17	6	9	5
Whooping cough-----9	12	-	-	-	-	-	-	1	1	1	1	3	-	-	1	1	1	-	2	1
Tuberculosis (all forms)-----13-22	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
Tuberculosis of respiratory system, etc.*-----13	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Tuberculosis (other forms)-----15-22	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Dysentery-----27	5	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	-	-	1	-
Syphilis-----30	2	1	-	1	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-
Diseases of the thymus gland-----64	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Meningitis (not due to meningococcus)-----81	2	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Diseases of the ear and mastoid process-----89	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Diseases of the heart-----90-95	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Pneumonia (all forms) and influenza-----107-109,35	44	1	1	-	-	2	1	1	6	4	8	4	6	2	3	2	4	1	3	1
Bronchopneumonia, etc.*-----107	31	1	-	-	-	2	1	1	5	3	6	2	5	1	1	1	2	1	3	1
Lobar pneumonia-----108	8	-	1	-	-	-	-	-	1	1	1	2	-	-	-	-	-	-	-	-
Pneumonia (unspecified)-----109	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza-----33	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
Other diseases of respiratory system-----104-106,110-114	6	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	2	-	-	-
Ulcer of stomach or duodenum-----117	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Diarrhea, enteritis, etc.*-----119	44	-	-	-	-	1	-	-	4	9	6	2	2	7	4	5	3	1	1	-
Intestinal obstruction-----122b	4	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	1
Other diseases of digestive system-----115,116,118,121,123-129	4	-	-	1	-	1	-	-	2	-	2	-	-	-	-	-	-	-	-	-
Congenital malformations-----157	58	7	2	2	10	5	2	3	31	7	8	1	-	-	-	-	4	1	-	-
Diseases peculiar to first year of life-----158-161	242	142	28	20	24	11	5	2	232	2	5	1	-	-	3	2	4	2	1	1
Congenital debility-----158	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Premature birth-----159	147	96	14	9	13	8	2	2	144	1	2	-	-	-	-	-	-	-	-	-
Injury at birth-----160	48	25	8	7	4	1	3	-	49	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to first year of life-----161	44	21	8	4	7	2	-	-	40	1	2	1	-	-	-	-	-	-	-	-
Asphyxia (cause not specified), atelectasis-----161a	31	17	5	2	4	1	-	-	29	1	1	1	-	-	-	-	-	-	-	-
Infection of the umbilicus, etc.*-----161b,c	13	4	1	2	3	1	-	-	11	1	1	-	-	-	-	-	-	-	-	-
Accidental deaths-----169-195	13	-	-	-	-	-	-	2	2	2	2	-	3	-	-	1	-	-	2	-
Accidental mechanical suffocation-----182	2	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-
Other accidental deaths-----169-181,183-195	11	-	-	-	-	-	-	1	1	3	2	-	2	-	-	-	-	-	2	-
All other causes-----	8	-	-	-	1	1	1	-	3	-	1	1	-	1	-	1	-	-	-	-

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

TABLE 19.—INFANT MORTALITY RATES FOR SELECTED CAUSES: HAWAII, 1934-47

(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	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934
ALL CAUSES-----	51.0	30.1	27.3	30.4	37.1	38.9	40.3	44.7	52.5	58.8	68.9	73.1	67.6	78.3
Cerebrospinal (meningococcus) meningitis-----6	0	0.1	0	0.1	0	0	0	0.2	0	0.1	0	0.1	0.1	0
Whooping cough-----9	0.8	0	0	0.1	0.9	0.9	0.6	0.7	2.2	1.8	0.9	0.3	1.1	4.2
Diphtheria-----10	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0
Erysipelas-----11	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.3	0.1
Tetanus-----12	0	0	0	0	0	0.1	0	0	0.1	0	0	0.1	0	0.1
Tuberculosis of respiratory system, etc.*-----13	0.1	0.1	0.1	0.4	0.2	0.1	0	0.2	0	0	0	0.3	0.1	0.2
Tuberculosis of meninges, etc.*-----14	0	0	0.1	0.1	0	0	0	0	0.1	0.3	0.1	0	0.4	0.3
Tuberculosis (other forms)-----15-22	0.1	0	0	0	0	0.1	0.1	0	0	0	0.2	0	0.1	0.3
Dysentery-----27	0.3	0	0	0.2	0.1	0	0	0	0	0	0	0	0	0.1
Syphilis-----30	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	0.8
Influenza-----33	0	0	0.1	0.2	0.8	0.4	0.3	1.1	0.3	1.0	1.8	2.0	1.7	1.4
Measles-----35	0	0	0.2	0.1	0	0	0.3	0	0	0	6.1	0.7	0	0.1
Convulsions-----86	0	0.1	0.1	0.2	0	0.4	0.1	0	0.1	0.1	0.1	0	0.3	0.2
Pneumonia (all forms)-----107-109	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	18.0
Other diseases of respiratory system*-----104-106,110-114	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	1.2
Ulcer of stomach or duodenum-----117	0.1	0.1	0	0	0	0	0	0.2	0.1	0	0	0	0.1	0
Diarrhea, enteritis, etc.*-----119	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	10.4
Intestinal obstruction-----122b	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	0.4
Congenital malformations-----157	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	4.9
Premature birth-----159	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	14.4
Injury at birth-----160	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	4.0
Congenital debility, other diseases peculiar to the first year-----158,161	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	1.8
Other violence or accident-----166-181,183-195	0.8	1.9	0.6	0.5	0.8	0.4	0.8	0.4	1.0	0.4	0.6	1.2	1.0	0.9
Ill-defined and unknown causes-----199,200	0	0	0.1	0.1	0.3	0.2	0.4	0.2	0.1	0	0	0.1	0	0.2
All other causes-----	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	11.1

*Refer to International List for complete title, table IX.
 †Previous to 1939, rates are for bronchitis only.
 ‡Previous to 1943, included other diseases of the stomach (except cancer).
 §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, 1947

(By place of occurrence. Deaths exclusive of stillbirths)

AREA (SEX FOR PUERTO RICO ONLY)	LIVE BIRTHS			DEATHS (ALL AGES)			Deaths under 1 year	Still- births ¹
	Total	White	Nonwhite	Total	White	Nonwhite		
PUERTO RICO-----	91,505	69,281	22,014	25,407	20,488	4,919	6,527	4,877
Male-----	46,519	35,129	11,190	13,483	10,840	2,643	3,633	2,716
Female-----	44,986	34,152	10,824	11,924	9,648	2,276	2,894	2,161
Adjuntas-----	922	892	30	217	210	7	65	39
Aguada-----	826	735	91	257	222	35	86	44
Aguadilla-----	2,514	1,667	827	761	643	118	220	178
Aguadilla-----	569	379	190	200	164	36	67	38
Balance of municipality-----	1,945	1,308	637	561	479	82	153	139
Agua Buena-----	667	431	236	149	104	45	39	27
Aibonito-----	786	707	79	199	178	21	47	51
Amasco-----	759	466	292	231	179	52	58	64
Arecibo-----	5,642	3,014	2,628	1,415	1,253	162	355	285
Arecibo-----	830	688	142	475	420	55	152	61
Balance of municipality-----	2,812	2,326	486	940	833	107	203	224
Arroyo-----	589	303	286	181	117	64	40	27
Barceloneta-----	768	559	209	228	185	43	49	55
Barraconites-----	856	840	16	159	157	2	68	27
Bayamon-----	2,766	2,245	521	521	645	171	202	193
Bayamon-----	1,028	837	191	320	255	65	64	64
Balance of municipality-----	1,738	1,408	330	496	390	106	138	129
Cabo Rojo-----	1,177	975	202	274	236	38	67	65
Caguas-----	2,535	2,404	131	773	698	75	91	168
Caguas-----	1,152	1,074	78	426	371	55	99	91
Balance of municipality-----	1,383	1,330	53	347	327	20	87	77
Camuy-----	915	856	59	246	237	9	75	45
Carolina-----	889	427	462	254	124	130	68	32
Catano-----	442	250	192	109	79	30	30	31
Cayey-----	1,854	1,439	415	424	369	55	114	92
Ceiba-----	196	156	40	69	60	9	14	10
Ciales-----	824	797	27	181	175	6	38	40
Cidra-----	839	590	249	179	146	33	55	46
Coamo-----	1,123	1,081	42	232	226	6	72	54
Comerio-----	778	624	154	176	144	32	56	20
Corozal-----	990	946	44	123	121	2	35	28
Culebra-----	26	12	14	7	5	2	1	1
Dorado-----	279	187	92	75	60	15	11	17
Fajardo-----	1,328	697	641	452	293	159	128	130
Guanica-----	682	393	289	131	108	23	47	28
Guayama-----	1,397	906	491	480	330	150	110	78
Guayama-----	719	443	276	264	186	78	63	44
Balance of municipality-----	678	463	215	216	144	72	47	34
Guayandilla-----	691	571	120	148	120	28	45	33
Guaynabo-----	691	454	237	152	110	42	50	29
Gurabo-----	575	373	202	165	116	49	35	20
Hatillo-----	764	741	23	182	174	8	55	33
Hormigueros-----	253	159	94	82	68	14	28	15
Humacao-----	1,610	854	756	424	270	154	81	85
Isabela-----	1,115	952	163	324	274	50	89	63
Jayuya-----	719	642	77	175	149	26	31	36
Juana Diaz-----	1,246	838	408	334	243	91	108	63
Juncos-----	901	784	117	515	272	43	89	53
Lajas-----	615	529	86	151	128	23	43	44
Lares-----	1,575	1,553	22	457	453	4	114	99
Las Marias-----	431	414	17	84	83	1	23	22
Las Piedras-----	679	598	81	231	200	31	44	22
Loiza-----	1,000	473	527	248	115	133	81	59
Luquillo-----	328	201	127	95	61	34	28	10
Manati-----	1,231	758	473	363	271	92	83	65
Maricao-----	321	203	118	66	61	5	16	12
Mauabo-----	533	305	228	116	62	54	21	25
Mayaguez-----	3,514	2,325	1,189	1,267	1,009	259	294	223
Mayaguez-----	2,166	1,463	703	631	662	169	190	132
Balance of municipality-----	1,348	862	486	636	346	90	104	91
Moca-----	912	864	48	182	168	14	51	45
Morovis-----	706	566	140	133	127	6	37	41
Naguabo-----	1,000	577	423	170	116	54	34	37
Naranjito-----	575	535	40	101	92	9	31	21
Orocovis-----	891	830	61	161	145	16	45	38
Patillas-----	892	529	363	252	179	74	67	47
Poncellas-----	598	520	78	146	123	23	49	23
Ponce-----	5,324	4,726	598	1,841	1,645	196	416	346
Ponce-----	3,063	2,724	339	1,192	1,051	141	267	190
Balance of municipality-----	2,261	2,002	259	649	594	55	149	156
Quebradillas-----	623	609	14	152	146	6	30	18
Rincon-----	327	323	4	84	82	2	25	5
Rio Grande-----	554	291	263	166	117	49	31	18
Rio Piedras-----	3,878	2,168	1,710	1,436	1,050	386	277	171
Rio Piedras-----	2,430	1,501	929	935	726	209	194	114
Balance of municipality-----	1,448	667	781	501	324	177	83	57
Sabana Grande-----	727	489	238	160	95	65	59	49
Salinas-----	1,083	659	424	239	141	98	75	50
San German-----	1,167	1,041	126	328	280	48	98	88
San Juan, coextensive with San Juan (city)-----	9,351	5,982	3,419	2,377	1,700	677	654	405
San Lorenzo-----	1,206	1,065	141	286	231	55	88	51
San Sebastian-----	1,576	1,497	79	403	395	8	125	75
Santa Isabel-----	857	452	205	132	106	26	47	36
Toa Alta-----	402	304	98	109	80	29	20	17

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, 1947

(By place of occurrence)

AREA (RACE FOR PUERTO RICO ONLY)	Total births	NUMBER ATTENDED BY—				Total percent	PERCENT ATTENDED BY—			
		Physician in hospi- tal	Physician not in hospital	Midwife	Other and not speci- fied		Physician in hospi- tal	Physician not in hospital	Midwife	Other and not speci- fied
PUERTO RICO-----	91,305	21,074	1,127	63,458	5,645	100.0	23.1	1.2	69.5	6.2
White-----	69,291	15,150	946	48,878	4,316	100.0	21.9	1.4	70.5	6.2
Nonwhite-----	22,014	5,924	181	14,580	1,329	100.0	28.9	0.8	66.2	6.0
Adjuntas-----	922	-	1	627	294	100.0	0	0.1	88.0	31.9
Aguada-----	826	39	11	457	319	100.0	4.7	1.3	55.3	39.6
Aguadilla-----	2,514	1,059	43	1,259	153	100.0	42.1	1.7	50.1	6.1
Aguadilla-----	569	256	22	223	68	100.0	45.0	3.9	39.2	12.0
Balance of municipality-----	1,945	803	21	1,036	85	100.0	41.5	1.1	53.3	4.4
Aguares-----	667	23	6	615	23	100.0	3.4	0.9	92.2	3.4
Aguares-----	786	56	5	722	3	100.0	7.1	0.6	91.9	0.4
Albion-----	758	55	12	676	3	100.0	7.3	1.6	89.2	2.0
Añasco-----	3,642	1,443	31	1,983	185	100.0	39.6	0.9	54.4	5.1
Arecibo-----	830	402	15	400	13	100.0	48.4	1.8	48.2	1.6
Balance of municipality-----	2,812	1,041	16	1,593	172	100.0	37.0	0.6	56.3	6.1
Arroyo-----	599	101	3	461	4	100.0	17.1	0.5	81.7	0.7
Barceloneta-----	768	55	4	708	4	100.0	7.2	0.5	92.2	0.1
Barranquitas-----	856	-	8	857	1	100.0	0	0.9	97.6	1.3
Baysamón-----	2,766	1,508	28	1,119	114	100.0	54.4	1.0	40.5	4.1
Baysamón-----	1,028	618	14	354	42	100.0	60.1	1.4	34.4	4.1
Balance of municipality-----	1,738	897	14	765	72	100.0	51.0	0.8	44.0	4.1
Cabo Rojo-----	1,177	128	59	972	18	100.0	10.9	5.0	82.6	1.5
Caguas-----	2,535	650	18	1,768	99	100.0	25.6	0.7	69.7	3.9
Caguas-----	1,152	391	12	692	57	100.0	33.9	1.0	60.1	4.9
Balance of municipality-----	1,383	259	6	1,076	42	100.0	18.7	0.4	77.8	3.0
Caguay-----	915	1	14	642	58	100.0	0.1	1.5	92.0	6.3
Carolina-----	869	61	-	614	94	100.0	6.9	0	91.6	1.6
Cataño-----	442	1	1	348	92	100.0	0.2	0.2	78.7	20.8
Cayey-----	1,854	274	11	1,113	456	100.0	14.8	0.6	60.0	24.6
Ceiba-----	196	-	-	192	4	100.0	0	0	98.0	2.0
Ciales-----	824	69	1	741	13	100.0	8.4	0.1	89.9	1.6
Cidra-----	839	6	-	815	20	100.0	0.7	0	95.9	2.4
Coco-----	1,123	35	58	1,027	3	100.0	3.1	5.2	91.5	0.3
Comerio-----	778	1	3	728	46	100.0	0.1	0.4	93.6	5.8
Corozal-----	990	1	2	981	6	100.0	0.1	0.2	99.1	0.6
Culebra-----	26	1	-	25	1	100.0	3.8	0	96.2	0
Dorado-----	279	-	-	259	20	100.0	0	0	92.8	7.2
Fajardo-----	1,328	922	46	314	46	100.0	69.4	3.5	23.8	3.5
Guanica-----	682	65	3	614	-	100.0	9.5	0.4	90.0	0
Guayama-----	1,397	141	9	1,191	56	100.0	10.1	0.6	85.3	4.0
Guayama-----	719	92	9	599	19	100.0	12.8	1.3	83.3	2.6
Balance of municipality-----	678	49	-	592	37	100.0	7.2	0	87.3	5.5
Guayama-----	691	-	-	635	55	100.0	0	0.1	91.9	8.0
Guaynabo-----	691	57	1	488	145	100.0	8.2	0.1	70.6	21.0
Gurabo-----	575	86	-	367	122	100.0	15.0	0	63.8	21.2
Hatillo-----	764	2	1	759	3	100.0	0.3	0.1	99.3	0.3
Hormigueros-----	263	9	5	228	11	100.0	3.6	2.0	90.1	4.3
Humacao-----	1,610	557	31	890	132	100.0	34.6	1.9	55.3	8.2
Ibabela-----	1,115	14	1	1,088	12	100.0	1.3	0.1	97.6	1.1
Jayuya-----	719	73	3	556	87	100.0	10.2	0.4	77.3	12.1
Juana Díaz-----	1,246	308	19	798	121	100.0	24.7	1.5	64.0	9.7
Juncos-----	901	118	13	725	45	100.0	13.1	1.4	80.5	5.0
Lajas-----	615	15	-	589	11	100.0	2.4	0	95.8	1.6
Lares-----	1,575	230	16	1,053	276	100.0	14.6	1.0	66.9	17.5
Las Marías-----	431	-	4	401	26	100.0	0	0.9	93.0	6.0
Las Piedras-----	679	-	2	669	8	100.0	0	0.3	98.5	1.2
Loíza-----	1,000	99	16	872	13	100.0	9.9	1.6	87.2	1.3
Luquillo-----	328	2	4	275	47	100.0	0.6	1.2	85.8	14.3
Manatí-----	1,231	205	23	763	240	100.0	16.7	1.9	62.0	19.5
Maricao-----	321	27	-	279	15	100.0	8.4	0	86.9	4.7
Maunabo-----	533	26	1	505	1	100.0	4.9	0.2	94.7	0.2
Mayagüez-----	3,514	1,227	66	2,173	48	100.0	34.2	1.9	61.8	1.4
Mayagüez-----	2,166	856	45	1,243	22	100.0	39.5	2.1	57.4	1.0
Balance of municipality-----	1,348	371	21	930	26	100.0	27.5	1.6	69.0	1.9
Moca-----	912	1	10	890	11	100.0	0.1	1.1	97.6	1.2
Morovis-----	706	43	3	602	58	100.0	6.1	0.4	85.3	8.2
Naguabo-----	1,000	127	1	467	405	100.0	12.7	0.1	46.7	40.5
Naranjito-----	575	-	6	563	6	100.0	0	1.0	97.9	1.0
Orocovis-----	691	3	6	677	5	100.0	0.3	0.7	98.4	0.6
Patillas-----	692	60	3	612	17	100.0	6.7	0.3	91.0	1.9
Penuelas-----	598	-	1	567	30	100.0	0	0.2	94.8	5.0
Ponce-----	5,324	1,368	39	3,782	135	100.0	25.7	0.7	71.0	2.4
Ponce-----	3,063	910	28	2,062	73	100.0	29.7	0.9	67.0	2.4
Balance of municipality-----	2,261	458	11	1,730	62	100.0	20.3	0.5	76.5	2.7
Quebradillas-----	623	8	-	613	2	100.0	1.3	0	98.4	0.5
Rincon-----	327	-	-	320	7	100.0	0	0	97.9	2.1
Río Grande-----	554	3	8	538	5	100.0	0.5	1.4	97.1	0.9
Río Piedras-----	3,878	2,133	50	1,685	10	100.0	55.0	1.3	43.5	0.5
Río Piedras-----	2,430	1,465	44	917	4	100.0	60.3	1.8	37.7	0.2
Balance of municipality-----	1,448	668	6	769	6	100.0	46.1	0.4	53.0	0.4
Sobremonte-----	727	25	28	590	84	100.0	3.4	3.9	81.2	11.8
Salinas-----	1,083	195	11	740	137	100.0	18.0	1.0	68.3	12.7
San Germán-----	1,167	288	30	589	250	100.0	25.5	2.6	50.5	21.4
San Juan, coextensive with San Juan, (city)-----	9,351	6,301	238	2,475	337	100.0	67.4	2.5	25.5	3.6
San Lorenzo-----	1,206	34	5	1,150	17	100.0	2.8	0.4	95.4	1.4
San Sebastián-----	1,576	54	29	1,465	28	100.0	3.4	1.8	93.0	1.8
Santa Isabel-----	657	100	10	449	98	100.0	15.2	1.5	69.3	14.9
Toa Alta-----	402	-	1	398	13	100.0	0	0.2	96.5	3.2
Toa Baja-----	532	81	12	423	16	100.0	15.2	2.3	79.5	3.0
Trujillo Alto-----	358	-	-	355	3	100.0	0	0	99.2	0.8
Utuado-----	2,076	148	11	1,643	274	100.0	7.1	0.5	79.1	15.2
Vega Alta-----	662	3	1	657	1	100.0	0.5	0.2	99.2	0.2
Vega Baja-----	1,169	70	5	996	98	100.0	6.0	0.4	85.2	8.4
Vieques-----	348	14	1	318	15	100.0	4.0	0.3	91.4	4.3
Villalba-----	672	-	6	663	3	100.0	0	0.9	96.7	0.4
Yabucoa-----	1,219	181	19	962	37	100.0	14.8	1.6	60.6	3.0
Yauco-----	1,660	77	9	1,521	53	100.0	4.6	0.5	91.6	3.2

TABLE 3.-LIVE BIRTHS BY SEX AND MONTH: PUERTO RICO, 1947

SEX	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	91,305	8,095	7,155	7,892	7,678	7,851	7,589	7,299	7,350	7,993	7,774	7,385	7,384
Male	46,319	4,119	3,688	3,999	3,917	3,996	3,780	3,632	3,764	3,973	3,963	3,776	3,712
Female	44,986	3,976	3,467	3,893	3,761	3,855	3,779	3,667	3,586	3,920	3,811	3,609	3,672

TABLE 4.-LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: PUERTO RICO, 1947

(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	91,305	42	10,338	28,050	20,066	12,207	8,544	2,008	364	29	9,657
First child	21,714	35	7,070	8,937	2,678	816	278	51	16	3	1,850
Second child	15,923	5	2,400	7,439	2,992	1,027	381	52	12	2	1,613
Third child	12,398	-	663	5,518	3,045	1,159	450	74	8	3	1,448
Fourth child	9,950	-	127	5,311	5,227	1,324	577	90	13	2	1,279
Fifth child	8,066	-	36	1,646	2,985	1,522	751	108	14	3	1,021
Sixth child	6,198	-	11	665	2,218	1,593	830	112	15	5	761
Seventh child	4,865	-	2	267	1,395	1,541	934	158	23	3	540
Eighth child	3,730	-	1	84	835	1,250	999	153	20	2	386
Ninth child	2,679	-	-	50	359	835	959	213	44	1	258
Tenth child	2,022	-	-	19	179	553	818	222	36	3	190
Eleventh child	1,329	-	-	9	65	278	613	222	35	-	107
Twelfth child	949	-	-	5	35	160	448	194	34	1	72
Thirteenth child and over	1,231	-	-	1	29	141	510	357	93	1	99
Not stated	243	2	0	99	48	16	16	2	1	-	53

TABLE 5.-LIVE BIRTHS BY RACE AND AGE OF MOTHER: PUERTO RICO, 1947

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	91,305	42	10,338	28,050	20,066	12,207	8,544	2,008	364	29	9,657
White	69,291	28	7,594	21,095	15,245	9,380	6,536	1,541	277	24	7,571
Nonwhite	22,014	14	2,744	6,955	4,821	2,827	2,008	467	87	5	2,086

TABLE 6.-LIVE BIRTHS BY RACE AND BIRTH ORDER: PUERTO RICO, 1947

(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	91,305	21,714	15,923	12,398	9,950	8,086	6,198	4,863	3,730	2,679	2,022	1,329	949	1,231	243
White	69,291	16,591	12,096	9,262	7,561	6,049	4,654	3,678	2,842	2,067	1,570	1,033	734	969	185
Nonwhite	22,014	5,123	3,827	3,126	2,389	2,037	1,544	1,185	888	612	452	296	215	262	58

TABLE 7.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: PUERTO RICO, 1947

(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 cases is necessarily less than total 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	91,305	90,443	89,571	872	868	4
White	69,291	68,658	68,016	642	638	4
Nonwhite	22,014	21,785	21,555	230	230	-

¹Excludes 79 cases in which only one mate was reported.
²Excludes 3 cases in which only two mates were reported.

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TABLE 8.-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, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	Deaths not in institutions	DEATHS IN INSTITUTIONS					
			Total ¹	General hospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Mental insti- tutions	Other resident insti- tutions
PUERTO RICO-----	25,407	19,513	5,894	4,716	670	55	63	109
Adjuntas-----	217	216	1	-	-	-	-	-
Aguada-----	257	248	9	9	-	-	-	-
Agusdilla-----	761	437	324	223	-	15	-	-
Agusdilla-----	200	118	82	60	-	-	-	-
Balance of municipality-----	561	319	242	163	-	15	-	-
Agua Buenas-----	149	143	6	6	-	-	-	-
Aibonito-----	199	146	53	33	10	-	-	-
Anasco-----	231	217	14	14	-	-	-	-
Arecibo-----	1,415	967	448	435	-	-	-	-
Arecibo-----	475	347	128	121	-	4	-	-
Balance of municipality-----	940	620	320	315	-	1	-	-
Arroyo-----	181	153	28	28	-	-	-	-
Barceloneta-----	228	216	12	12	-	-	-	-
Barranquitas-----	159	158	1	-	-	-	-	-
Bayamon-----	816	379	437	433	-	-	-	-
Bayamon-----	320	167	153	151	-	1	-	-
Balance of municipality-----	496	212	284	282	-	-	-	-
Cabo Rojo-----	274	248	26	25	-	-	-	-
Caguas-----	779	672	107	102	-	-	-	-
Caguas-----	426	360	66	62	-	-	-	-
Balance of municipality-----	353	312	41	40	-	-	-	-
Camuy-----	246	246	-	-	-	-	-	-
Carolina-----	254	245	9	9	-	-	-	-
Catano-----	109	109	-	-	-	-	-	-
Cayey-----	424	355	71	65	-	-	-	-
Ceiba-----	69	69	-	-	-	-	-	-
Cidron-----	181	162	19	19	-	-	-	-
Cidra-----	179	179	-	-	-	-	-	-
Comae-----	232	215	17	17	-	-	-	-
Conserio-----	176	176	-	-	-	-	-	-
Corozal-----	123	123	-	-	-	-	-	-
Culebra-----	7	7	-	-	-	-	-	-
Dorado-----	75	75	-	-	-	-	-	-
Fajardo-----	452	152	300	291	-	-	-	3
Guánica-----	131	108	23	23	-	-	-	-
Guayama-----	490	325	155	95	56	-	-	-
Guayama-----	264	162	82	52	29	-	-	-
Balance of municipality-----	226	145	73	43	28	-	-	-
Guayanilla-----	148	147	1	1	-	-	-	-
Guaynabo-----	152	151	1	-	-	-	-	-
Gurabo-----	165	145	20	20	-	-	-	-
Hatillo-----	182	182	-	-	-	-	-	-
Hormigueros-----	82	80	2	2	-	-	-	-
Humacao-----	424	323	101	84	-	1	-	-
Isabela-----	324	323	1	1	-	-	-	-
Jayuya-----	175	158	17	15	-	-	-	-
Juana Diaz-----	534	255	279	79	-	-	-	-
Juncos-----	315	288	27	30	-	-	-	-
Lajas-----	151	154	17	17	-	-	-	-
Lares-----	457	399	58	55	-	-	-	-
Las Marias-----	84	84	-	-	-	-	-	-
Las Piedras-----	231	231	-	-	-	-	-	-
Loiza-----	248	238	10	12	-	-	-	-
Luquillo-----	95	94	1	1	-	-	-	-
Manati-----	363	327	36	36	-	-	-	-
Maricao-----	66	63	3	-	-	-	-	-
Maunabo-----	116	109	7	7	-	-	-	-
Mayaguez-----	1,267	916	351	235	84	1	-	21
Mayaguez-----	831	614	217	154	37	1	-	20
Balance of municipality-----	436	302	134	61	47	-	-	1
Moca-----	182	182	-	-	-	-	-	-
Morovis-----	133	116	17	17	-	-	-	-
Naguabo-----	170	165	5	5	-	-	-	-
Naranjito-----	101	101	-	-	-	-	-	-
Orocovis-----	161	159	2	-	-	-	-	-
Patillas-----	252	200	52	52	-	-	-	-
Penuelas-----	148	146	2	-	-	-	-	-
Ponce-----	1,841	1,194	647	459	144	4	-	30
Ponce-----	1,192	791	401	299	83	3	-	28
Balance of municipality-----	649	403	246	160	61	1	-	2
Quebradillas-----	152	145	7	7	-	-	-	-
Rincon-----	84	84	-	-	-	-	-	-
Rio Grande-----	166	166	-	-	-	-	-	-
Rio Piedras-----	1,436	584	852	325	375	11	63	15
Rio Piedras-----	935	376	559	232	247	10	20	3
Balance of municipality-----	501	208	293	93	128	1	43	12
Sabana Grande-----	160	156	4	4	-	-	-	-
Salinas-----	239	180	59	59	-	-	-	-
San German-----	328	245	83	83	-	-	-	-
San Juan, coextensive with San Juan (city)-----	2,377	1,282	1,095	1,015	-	11	-	40
San Lorenzo-----	298	281	17	15	-	-	-	-
San Sebastian-----	403	387	16	13	-	-	-	-
Santa Isabel-----	132	105	27	27	-	-	-	-
Toa Alta-----	109	109	-	-	-	-	-	-
Toa Baja-----	110	106	4	2	-	-	-	-
Trujillo Alto-----	90	85	5	-	-	5	-	-
Utuado-----	570	523	47	43	-	-	-	-
Vega Alta-----	158	153	5	4	-	-	-	-
Vega Baja-----	299	265	34	31	-	-	-	-
Vieques-----	83	66	17	17	-	-	-	-
Villaalba-----	139	139	-	-	-	-	-	-
Yabucoa-----	424	396	28	28	-	-	-	-
Yauco-----	483	437	46	45	-	-	-	-

¹Includes deaths occurring in institutions of unknown type.

TABLE 9.-DEATHS BY AGE, RACE, AND SEX: PUERTO RICO, 1947

(Exclusive of stillbirths)

RACE AND SEX	Total deaths	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	Not stated
ALL RACES-----	25,407	6,527	1,772	1,071	570	375	10,315	778	379	684	1,197	997	907	1,020	827	845	799	748	1,029	1,038	951	665	768	546	468	221	210	17
Male-----	13,483	3,633	912	539	272	185	5,541	395	189	302	580	510	465	522	457	450	477	477	613	638	516	372	375	255	181	92	65	13
Female-----	11,924	2,894	860	532	298	190	4,774	383	190	382	617	487	442	498	370	393	322	271	416	400	435	293	393	291	187	129	145	4
White-----	20,488	5,555	1,463	908	467	299	8,892	629	315	533	912	764	706	778	612	639	636	578	830	836	749	548	609	434	363	175	136	14
Male-----	10,840	3,074	740	480	220	155	4,849	325	157	233	440	368	362	394	333	338	387	355	497	512	405	313	296	198	142	70	47	11
Female-----	9,648	2,481	723	448	247	144	4,043	306	158	300	472	376	344	384	279	301	249	223	333	324	344	235	323	236	221	105	89	3
Nonwhite-----	4,919	972	309	163	103	76	1,623	149	64	151	285	233	201	242	215	204	163	170	199	202	202	117	159	112	105	46	74	3
Male-----	2,643	559	172	79	52	30	892	72	32	69	140	122	103	128	124	112	90	122	116	126	111	59	87	57	39	22	18	2
Female-----	2,276	413	137	84	51	46	731	77	32	82	145	111	98	114	91	92	73	48	83	76	91	58	72	55	66	24	56	1

TABLE 10.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1947

(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-----	25,407	20,488	4,919		II.--Cancer and other tumors--Continued			
	I.--Infectious and parasitic diseases-----	5,742	4,452	1,290	49	Cancer of other female genital organs-----	11	10	1
1	Typhoid fever-----	36	31	5	49a,b	Cancer of ovary, fallopian tube, and parametrium-----	6	5	1
6	Cerebrospinal (meningococcus) meningitis-----	14	12	2	49c-e	Cancer of other female genital organs-----	5	5	0
9	Whooping cough-----	144	121	23	50	Cancer of breast-----	29	27	2
10	Diphtheria (infection by C. diphtheriae)-----	86	74	12	51	Cancer of male genital organs-----	40	34	6
11	Erysipelas-----	2	2	0	51a, c-e	Cancer of prostate-----	35	29	6
12	Tetanus-----	124	91	33	52	Cancer of other male genital organs-----	38	32	6
	Tuberculosis (all forms)-----	4,160	3,207	953	52a	Cancer of urinary organs-----	8	6	2
13-22	Tuberculosis of respiratory system, etc.*-----	3,997	3,076	921	52b	Cancer of kidney-----	29	26	3
13	Tuberculosis of meninges, etc.*-----	95	75	20	52c	Cancer of bladder-----	1	1	0
14	Tuberculosis of intestines and peritoneum-----	23	18	5	52d	Cancer of other and unspecified sites-----	26	23	3
16	Tuberculosis of vertebral column-----	5	4	1	56, 57	Cancer of skin, etc.*-----	2	2	0
17	Tuberculosis of bones and joints, etc.*-----	5	4	1	56	Cancer of central nervous system*-----	72	58	14
19	Tuberculosis of lymphatic system, etc.*-----	1	1	0	56a-c	Cancer of other and unspecified organs-----	71	62	9
20	Tuberculosis of genito-urinary system-----	29	25	4	56e	Nonmalignant tumors (including dermoid cysts)-----	8	7	1
22	Disseminated tuberculosis-----	5	2	3	57	Nonmalignant tumors of female genital organs-----	7	6	1
23	Leprosy-----	49	40	9	57a-c	Nonmalignant tumors of other and unspecified organs-----	1	1	0
24	Septicemia and purulent infection (nonpurulent)-----	2	1	1	57d	Tumors of unspecified nature-----	65	55	10
25	Monococcus infection-----	96	75	21	57e	Tumors, female genital organs (nature unspecified)-----	7	6	1
27	Dysentery-----	420	318	102		Tumors, central nervous system* (nature unspecified)-----	11	9	2
28	Malaria-----	205	149	56		Tumors, other organs (nature unspecified)-----	45	40	5
30	Syphilis (all forms)-----	1	1	0	III.--Rheumatism, diseases of nutrition, etc.*-----	579	298	281	
30a	Locomotor ataxia (tabes dorsalis)-----	5	3	2		Acute rheumatic fever-----	23	16	7
30b	General paralysis of insensate-----	42	31	11	58	Acute rheumatic endocarditis-----	4	3	1
30d	Aneurysm of aorta-----	60	47	13	58b	Acute rheumatic myocarditis-----	3	2	1
30f	Congenital syphilis-----	97	67	30	58c	Other acute rheumatic heart diseases-----	4	3	1
30c, e, g	Syphilis (other forms)-----	8	5	3	58d	Other forms of acute rheumatic fever, etc.*-----	12	8	4
32	Other diseases due to spirochetes-----	138	119	19	58e, f	Chronic rheumatism, other rheumatic diseases-----	12	11	1
33	Influenza-----	15	12	3	59	Gout-----	1	1	0
35	Measles-----	6	5	1	60	Diabetes mellitus-----	97	79	18
36	Poliomyelitis and polioencephalitis (acute)-----	2	2	0	61	Diseases of thyroid and parathyroid glands-----	8	4	4
37	Acute infectious encephalitis (lethargic)-----	1	1	0	62	Knephthalmic goiter-----	4	2	2
38	Other diseases due to filtrable viruses-----	9	5	4	63	Other diseases of thyroid and parathyroid glands-----	2	2	0
39	Typhus fever and typhus-like diseases*-----	51	41	10	63a-e	Diseases of thymus gland-----	9	8	1
40	Ankylostomiasis-----	112	90	22	64	Diseases of adrenal glands*-----	3	3	0
42	Other diseases caused by helminths-----	40	32	8	65	Other general diseases-----	52	24	28
43	Mycoses-----	16	17	1	66	Beriberi-----	1	1	0
44	Other infectious and parasitic diseases-----	1,227	1,011	216	67	Fellagra (except alcoholic)-----	17	14	3
	II.--Cancer and other tumors-----	1,156	949	207	68	Rickets-----	130	105	27
45-55	Cancer and other malignant tumors-----	63	47	16	69	Other avitaminoses-----	42	31	11
45	Cancer of buccal cavity and pharynx-----	1	1	0	70				
45a	Cancer of lip-----	20	17	3	71	IV.--Diseases of the blood and blood-forming organs-----	333	283	50
45b	Cancer of tongue-----	8	7	1		Hemorrhagic conditions-----	12	11	1
45c	Cancer of mouth-----	5	4	1		Anemias (except splenic anemia)-----	286	241	45
45d	Cancer of jaw bone-----	29	18	11	72	Pericious anemias-----	109	95	14
45f	Cancer of pharynx-----	570	457	113	73	Other anemias (except splenic)-----	177	146	31
46	Cancer of digestive organs and peritoneum-----	62	52	10	73a	Leukemias and leukemias-----	25	22	3
46a	Cancer of esophagus-----	342	269	73	73b-d	Leukemias-----	24	21	3
46b	Cancer of stomach-----	4	3	1	74	Aleukemias-----	1	1	0
46c	Cancer of duodenum-----	12	6	6	74a	Diseases of spleen-----	6	6	0
46d	Cancer of rectum and anus-----	66	53	13	74b	Other diseases of blood and blood-forming organs-----	4	3	1
46e	Cancer of intestines, etc.*-----	61	53	8	75				
46f	Cancer of liver and biliary passages-----	15	12	3	76	V.--Chronic poisoning and intoxication-----	42	30	12
46g	Cancer of pancreas-----	2	2	0		Alcoholism (ethylism)-----	42	30	12
46h	Cancer of mesentery and peritoneum-----	6	5	1					
46a	Cancer of other and unspecified sites-----	87	75	12		VI.--Diseases of the nervous system, etc.*-----	1,012	808	204
47	Cancer of respiratory system-----	43	37	6	77	Encephalitis (nonepidemic)-----	21	16	5
47a	Cancer of larynx-----	7	7	0		Meningitis (not due to meningococcus)-----	163	140	23
47b, c	Cancer of trachea and bronchus-----	36	30	6		Diseases of spinal cord (see exceptions)*-----	15	13	2
47d	Cancer of lung-----	1	1	0					
47f	Cancer of mediastinum and unspecified sites-----	218	184	34	80				
48	Cancer of uterus-----	27	20	7	81				
48a	Cancer of cervix-----	191	164	27	82				
48b	Cancer of other and unspecified sites of uterus-----								

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

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TABLE 10.—DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1947—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.*—Continued					X.—Diseases of the genito-urinary system—Continued			
83	Intracranial lesions of vascular origin-----	632	492	140	131	Chronic nephritis-----	583	453	130
83a	Cerebral hemorrhage or effusion*-----	501	384	117	131a	Arteriosclerotic kidney-----	202	164	38
83b,c	Cerebral embolism, thrombosis, and softening-----	93	27	6	131b	Other chronic nephritis-----	381	289	92
83d	Hemiplegia, other paralysis, etc.*-----	38	31	7	132	Nephritis unspecified (10 years and over)-----	125	101	24
84	Mental diseases and deficiency (see exception)*-----	44	36	8	133	Other diseases of kidneys, ureters, etc.*-----	49	36	13
85	Epilepsy-----	74	58	16	134	Calculi of urinary passages-----	4	3	1
86	Convulsions (under 5 years)-----	13	27	8	135	Diseases of urinary bladder-----	6	6	-
87	Other diseases of nervous system-----	58	14	4	136	Diseases of urethra (except calculus)-----	6	3	3
89	Diseases of ear and mastoid process-----	12	12	-	137	Diseases of prostate-----	18	18	-
					137a	Hypertrophy of prostate-----	15	15	-
					137b	Other diseases of prostate-----	3	3	-
					138	Diseases of other male genital organs (not venereal)-----	1	1	-
	VII.—Diseases of the circulatory system--	2,594	2,056	538		Diseases of female genital organs-----	11	7	4
90-95	Diseases of the heart (all forms)-----	2,136	1,696	440	139	Diseases of ovary, fallopian tubes, parametria-----	7	4	3
90	Pericarditis (except acute rheumatic)-----	3	2	1	139a	Diseases of uterus-----	4	3	1
90b	Other pericarditis-----	3	2	1	139b				
91	Acute endocarditis (except rheumatic)-----	19	17	2					
91a,b	Bacterial, acute, and subacute endocarditis-----	9	7	2					
91c	Endocarditis (unspecified, under 45 years)-----	10	10	-					
91c	Chronic affections of valves and endocardium-----	242	186	56					
92a	Diseases of aortic valve, etc.*-----	38	27	11	140	Abortion with mention of infection-----	8	7	1
92b	Diseases of mitral valve, etc.*-----	66	48	18	141	Abortion without mention of infection-----	7	5	2
92c	Chronic rheumatic endocarditis, etc.*-----	11	9	2	141b	Abortion (nonseptic), spontaneous, therapeutic, without toxemia*-----	4	4	-
92d	Other chronic endocarditis, etc.*-----	95	75	20	141d-f	Other abortions (nonseptic)*-----	3	1	2
92e	Endocarditis (unspecified, 45 years and over)-----	32	27	5	142	Ectopic gestation-----	3	3	-
93	Diseases of the myocardium-----	655	550	105	142b	Ectopic gestation, without mention of infection-----	5	3	-
93a	Acute myocarditis (except rheumatic)-----	11	7	4	143	Hemorrhage of pregnancy (death before delivery)-----	1	1	-
93b	Myocarditis (unspecified, under 45 years)-----	14	10	4	144	Toxemia of pregnancy (death before delivery)-----	56	24	12
93c	Chronic rheumatic myocarditis, etc.*-----	2	1	1	145	Other diseases of pregnancy (death before delivery)*-----	4	4	-
93d	Other chronic myocarditis, etc.*-----	507	427	80	145b	Without mention of infection-----	4	4	-
93e	Other myocarditis (unspecified)-----	121	105	16	146	Hemorrhage of childbirth and puerperium-----	87	68	19
94	Diseases of coronary arteries, angina pectoris-----	374	296	78	147	Infection during childbirth and puerperium-----	32	27	5
94a	Diseases of coronary arteries-----	335	260	75	148	Puerperal toxemia (excluding death before delivery)-----	26	23	3
94b	Angina pectoris-----	39	36	3	149	Other accidents and specified conditions of childbirth-----	12	11	1
95	Other diseases of heart-----	843	645	198	150	Other and unspecified conditions of childbirth and puerperium-----	16	12	4
95a	Functional diseases of heart, etc.*-----	59	41	18					
95b	Other diseases of heart (rheumatic)-----	25	17	8					
95c	Other diseases of heart (not rheumatic)-----	759	587	172					
96	Aneurysm (except of heart and aorta)-----	6	4	2					
97	Arteriosclerosis (except coronary or renal sclerosis)-----	371	296	75					
98	Emphysema-----	22	17	5	151	XII.—Diseases of the skin and cellular tissue-----	40	34	6
99	Other diseases of arteries-----	15	12	3	152	Carbuncle and furuncle-----	8	7	1
100	Diseases of veins-----	9	7	2	153	Phlegmon and acute abscess-----	16	15	1
101	Diseases of lymphatic system-----	1	1	-		Other diseases of skin and cellular tissue-----	16	12	4
102	High blood pressure (idiopathic)-----	24	18	6					
103	Other diseases of circulatory system-----	10	5	5					
	VIII.—Diseases of the respiratory system--	2,640	2,169	471	154	XIII.—Diseases of the bones, etc.*-----	7	5	2
104	Diseases of nasal fossae, accessory sinuses-----	4	1	3	156	Osteomyelitis and periostitis-----	5	2	1
105	Diseases of larynx-----	4	4	-		Diseases of joints, other organs of movement-----	4	3	1
106	Bronchitis-----	280	234	46	157a-d				
107	Bronchopneumonia (including capillary bronchitis)-----	1,322	1,104	218	157e,f	XIV.—Congenital malformations-----	286	258	28
108	Lobar pneumonia-----	246	196	50	157g,h,m	Congenital malformations of central nervous system-----	80	75	5
109	Pneumonia (unspecified)-----	586	478	108		Congenital malformations of cardiovascular system-----	156	118	18
109B	Pneumonia (all other, unspecified)-----	596	478	108		Other congenital malformations-----	70	85	5
110	Pleurisy (not tuberculous)-----	12	10	2					
111	Hemorrhagic infarction, thrombosis, edema*-----	76	60	16		XV.—Diseases peculiar to the first year of life-----	1,926	1,630	296
112	Asthma-----	92	72	20	158	Congenital debility (cause not stated)-----	606	702	104
113	Pulmonary emphysema-----	4	2	2	159	Premature birth (cause not stated)-----	676	570	106
114	Other diseases of respiratory system (except tuberculosis)-----	14	8	6	160	Injury at birth-----	180	144	36
114a,b	Silicosis, other forms of pneumoconiosis-----	1	1	-	161	Other diseases peculiar to first year of life-----	264	214	50
114c-e	Other diseases of respiratory system (except tuberculosis)-----	13	7	6	182				
	IX.—Diseases of the digestive system-----	4,331	3,617	714	163,164	XVI.—Senility-----	499	352	147
115	Diseases of buccal cavity and pharynx, etc.*-----	17	12	5	165	XVII.—Violent or accidental deaths-----	1,449	1,126	323
116	Diseases of esophagus-----	7	6	1	164	Suicide-----	507	420	87
117	Ulcer of stomach or duodenum-----	70	62	8	165-169	Suicide by poisoning-----	221	176	45
117a	Ulcer of stomach-----	58	50	8	166	Suicide by other means-----	286	244	42
117b	Ulcer of duodenum-----	12	12	-	167	Homicide ³ -----	296	200	96
118	Other diseases of stomach (except cancer)-----	71	60	11	168	Homicide by firearms-----	112	87	25
119	Diarrhea, enteritis, etc.* (under 2 years)-----	2,662	2,242	420	169-195	Homicide by cutting or piercing instruments-----	152	85	49
120	Diarrhea, enteritis, etc.* (2 years and over)-----	1,059	857	192	169	Homicide by other means-----	42	30	12
121	Appendicitis-----	36	28	8		Accidental deaths-----	656	506	150
122	Hernia and intestinal obstruction-----	94	75	19	170	Railway accidents (except collisions with motor vehicles)-----	17	14	3
122a	Hernia-----	20	14	6	170c	Motor-vehicle accidents-----	250	184	46
122b	Intestinal obstruction-----	74	61	13		Automobile accidents (except collisions with trains or streetcars)-----	229	183	46
123	Other diseases of intestines-----	28	23	5	170a	Motorcycle accidents (except collisions with automobiles)-----	1	1	-
124	Cirrhosis of liver-----	230	186	44	171	Streetcar and other road-transport accidents-----	9	8	1
124a	Cirrhosis of liver with mention of alcoholism-----	25	18	5	171b	Other and unspecified road-transport accidents-----	9	8	1
124b	Cirrhosis of liver without mention of alcoholism-----	207	168	39	172	Water-transport accidents-----	2	1	1
125	Other diseases of liver-----	51	25	6	173	Air-transport accidents-----	2	2	-
126	Biliary calculi-----	2	2	-	175	Agricultural and forestry accidents-----	3	5	-
127	Other diseases of gallbladder, biliary ducts-----	24	2	2	175a-c	Agricultural accidents-----	3	3	-
128	Diseases of pancreas (except diabetes mellitus)-----	4	3	1	176	Other accidents involving machinery-----	11	7	4
129	Peritonitis (cause not stated)-----	16	14	2	177	Food poisoning-----	12	7	5
					178	Accidental absorption of poisonous gas-----	3	1	2
					179	Acute accidental poisoning by solids or liquids-----	19	17	2
					180	Conflagration-----	6	4	2
130	Acute nephritis-----	282	230	52					

*Refer to International List for complete title, table II.
³Includes figures for infanticide (165).

TABLE 10.-DEATHS FROM EACH CAUSE, BY RACE: PUERTO RICO, 1947-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			
181	Accidental burns (except conflagration)-----	55	46	9	195	Other accidents-----	57	41	16
182	Accidental mechanical suffocation-----	1	1	-	195a	Sequelae of preventive immunization, etc.*-----	1	1	-
183	Accidental drowning-----	95	66	27	195b	Other accidents due to medical or surgical intervention-----	3	3	-
184	Accidental injury by firearms-----	11	8	3	195d	Obstruction, suffocation, etc.*-----	16	11	5
185	Accidental injury by cutting or piercing instruments-----	7	5	2	195c,e	Other and unspecified accidents-----	37	26	11
186	Accidental injury by fall or crushing-----	87	67	20					
186a	Accidental injury by fall-----	85	64	19					
186b	Accidental injury by crushing-----	4	3	1					
186	Injury by animals (except in agriculture and forestry)-----	6	4	2		XVIII.-Ill-defined and unknown causes-----	1,593	1,516	267
189	Hunger or thirst-----	7	7	-	199	Sudden death-----	48	41	7
191	Excessive heat-----	1	1	-	200	Ill-defined and unknown causes-----	1,535	1,275	260
192	Lightning-----	2	2	-	200a	Ill-defined causes-----	200	160	40
193	Accidents due to electric currents (except lightning)-----	15	10	5	200b,c	Unknown or unspecified causes-----	1,335	1,115	220

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

TABLE 11.-DEATHS FROM SELECTED CAUSES, BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: PUERTO RICO, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES-----	25,407	2,234	2,025	2,066	1,998	2,061	2,067	2,235	2,103	2,117	2,172	2,061	2,198
Male-----	13,483	1,167	1,027	1,117	1,106	1,135	1,109	1,175	1,074	1,119	1,138	1,124	1,190
Female-----	11,924	1,067	998	949	890	956	978	1,060	1,029	998	1,034	957	1,008
Typhoid and paratyphoid fever-----1,2	36	1	2	-	1	5	5	4	3	3	2	1	2
Cerebrospinal (meningococcus) meningitis-----6	14	-	1	2	1	4	2	1	1	1	-	-	1
Scarlet fever-----8	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping cough-----9	144	18	11	11	12	16	12	7	6	5	11	17	18
Diphtheria-----10	86	6	1	6	9	3	10	12	3	4	11	11	10
Tuberculosis (all forms)-----13-22	4,160	381	331	365	372	328	313	336	383	343	342	277	369
Tuberculosis of respiratory system, etc.*-----13	3,997	372	313	367	359	316	303	320	370	328	328	270	350
Tuberculosis (other forms)-----14-22	163	9	18	18	13	12	10	16	13	14	14	7	19
Dysentery-----27	96	12	9	14	7	9	6	7	5	6	7	7	7
Malaria-----28	420	30	34	30	40	41	30	36	53	43	26	30	27
Syphilis-----30	205	19	28	19	18	14	18	9	17	13	19	12	19
Measles-----35	15	1	-	-	-	1	1	-	1	1	1	5	4
Poliomyelitis, poliomyelitis (acute)-----36	6	1	1	2	-	1	-	-	-	-	1	-	-
Cancer and other malignant tumors-----45-55	1,156	95	84	115	82	102	86	114	96	97	87	93	105
Cancer of the digestive organs and peritoneum-----46	570	46	49	52	32	57	46	57	42	52	39	50	48
Cancer of female genital organs-----48,49	229	24	10	19	20	17	18	20	25	17	28	15	20
Cancer of the breast-----50	23	1	2	-	5	1	2	9	-	1	4	1	5
Cancer (other sites)-----45,47,51-55	328	22	23	44	25	27	22	28	31	27	16	29	34
Acute rheumatic fever-----56	23	1	2	3	2	1	3	2	-	5	3	-	1
Diabetes mellitus-----61	97	1	9	12	9	10	7	11	9	3	11	5	10
Exophthalmic goiter-----65b	4	-	-	-	1	-	-	1	-	-	-	2	-
Pellagra (except alcoholic)-----69	17	2	2	1	-	-	1	1	-	3	1	4	2
Alcoholism (ethylic)-----77	42	1	4	2	5	4	3	3	2	5	1	5	7
Intracranial lesions of vascular origin-----83	632	50	55	47	48	58	50	57	63	50	54	42	57
Diseases of the heart-----90-95	2,136	184	154	157	185	163	186	199	183	171	173	199	184
Chronic rheumatic diseases of the heart-----90a,92b,c,93c,95b	104	6	5	3	10	6	10	12	6	12	17	9	8
Diseases of coronary arteries and angina pectoris-----94	574	28	27	18	40	25	32	40	31	34	27	36	38
Diseases of heart (other forms)-----90b,91,92a,d,e,93a,b,d,e,95a,c	1,658	150	122	138	133	132	144	147	146	125	129	154	138
Arteriosclerosis and high blood pressure*-----97,102	395	39	33	29	32	33	35	35	23	40	30	35	43
Pneumonia (all forms) and influenza-----107-109,53	2,292	179	197	148	180	168	207	209	180	170	212	221	221
Bronchopneumonia-----107	1,522	97	117	69	99	102	112	129	100	102	125	137	133
Lobar pneumonia-----108	246	19	21	20	14	20	23	25	25	15	23	12	29
Pneumonia (unspecified)-----109	586	55	50	49	52	32	56	40	43	45	54	60	50
Influenza-----53	138	8	9	10	15	14	16	15	12	8	10	12	9
Ulcer of stomach or duodenum-----117	70	6	5	3	9	8	7	4	7	7	2	7	5
Diarrhea, enteritis, etc.*-----119,120	3,701	384	303	330	262	282	302	320	290	335	327	281	285
Appendicitis-----121	36	2	1	3	4	-	5	4	3	5	3	5	1
Hernia and intestinal obstruction-----122	94	8	8	9	7	6	4	9	11	8	6	9	9
Cirrhosis of the liver-----124	230	19	24	25	20	16	23	21	16	11	24	16	15
Biliary calculi, etc.*-----126,127	26	1	3	4	3	2	2	1	4	2	-	2	2
Nephritis-----130-132	990	96	96	91	76	64	83	69	85	78	91	74	87
Diseases of the prostate-----137	18	3	2	1	-	-	-	5	1	-	2	4	2
Diseases of pregnancy, etc.*-----140-150	232	18	25	9	18	25	23	18	24	16	29	14	13
Puerperal septicemia-----140,142a,145a,147	40	3	2	2	4	6	5	3	4	2	3	4	2
Puerperal toxemia-----141a,c,144,148	62	5	11	3	5	4	3	5	7	6	10	-	3
Hemorrhage, trauma or shock*-----141b,142b,143,146,149	107	10	11	4	8	10	13	9	7	7	16	8	4
Other puerperal causes-----141d,e,f,145b,150	23	-	1	-	1	5	2	1	6	1	-	2	4
Congenital malformations-----157	286	25	18	28	31	24	15	21	21	24	26	27	26
Diseases peculiar to first year of life-----158-161	1,926	196	161	138	139	164	151	146	130	146	166	194	175
Premature birth-----158	676	64	64	40	40	61	46	50	47	64	61	71	68
Other diseases peculiar to first year-----158,160,161	1,250	132	97	98	99	123	105	96	85	82	105	123	107
Suicide-----163,164	507	37	43	38	39	67	51	40	42	33	32	32	34
Homicide-----165-168	286	24	14	25	26	24	22	35	22	25	21	20	28
Accidental deaths-----169-195	656	56	54	52	53	69	70	82	48	50	49	43	50
Motor-vehicle accidents-----170	230	19	14	21	22	19	28	20	10	19	17	20	21
Other accidents-----169,171-195	426	37	40	31	31	50	42	42	38	31	32	23	29
Senility, ill-defined and unknown causes-----162,199,200	2,082	158	141	133	119	164	194	202	183	212	188	205	183
All other causes-----	2,291	182	169	187	190	204	160	225	190	193	213	182	196

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

VITAL STATISTICS OF THE UNITED STATES

TABLE 12.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1947

(Exclusive of stillbirths. Causes in the selected list (table 11, 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-----	25,407	6,527	3,788	778	379	684	1,197	1,904	1,847	1,642	1,777	1,989	1,435	1,445	17
	White-----Male-----	10,840	3,074	1,575	323	157	233	440	750	727	725	852	917	599	457	11
	White-----Female-----	9,648	2,481	1,562	306	158	300	472	720	663	550	556	668	558	651	3
	Nonwhite-----Male-----	2,643	559	335	72	32	69	140	225	252	202	238	237	146	136	2
	Nonwhite-----Female-----	2,276	413	318	77	32	82	145	209	205	165	151	167	130	201	1
1,2	Typhoid and paratyphoid fever-----	36	-	2	3	4	5	7	6	5	2	1	1	-	-	-
	White-----Male-----	13	-	1	1	2	1	3	4	-	1	-	-	-	-	-
	White-----Female-----	18	-	1	2	2	2	4	2	2	1	1	1	-	-	-
	Nonwhite-----Male-----	4	-	-	-	-	1	-	-	3	-	-	-	-	-	-
	Nonwhite-----Female-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
6	Cerebrospinal (meningococcus) meningitis-----	14	8	5	-	-	1	-	-	-	-	-	-	-	-	-
	White-----Male-----	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	White-----Female-----	10	6	3	-	-	1	-	-	-	-	-	-	-	-	-
	Nonwhite-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
9	Whooping cough-----	144	84	55	5	-	-	-	-	-	-	-	-	-	-	-
	White-----Male-----	59	32	24	3	-	-	-	-	-	-	-	-	-	-	-
	White-----Female-----	62	38	24	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Male-----	8	5	2	1	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	15	9	5	1	-	-	-	-	-	-	-	-	-	-	-
10	Diphtheria-----	86	17	62	7	-	-	-	-	-	-	-	-	-	-	-
	White-----Male-----	37	6	28	3	-	-	-	-	-	-	-	-	-	-	-
	White-----Female-----	37	9	24	4	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Male-----	7	2	5	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	5	-	5	-	-	-	-	-	-	-	-	-	-	-	-
13-22	Tuberculosis (all forms)-----	4,160	75	146	57	76	309	668	984	792	478	312	163	69	24	7
	White-----Male-----	1,554	37	55	14	23	93	208	354	302	202	145	75	31	10	5
	White-----Female-----	1,653	25	67	28	40	146	296	397	314	151	100	52	28	9	-
	Nonwhite-----Male-----	473	8	13	8	4	27	71	101	102	66	39	21	8	4	1
	Nonwhite-----Female-----	480	5	11	7	9	43	93	132	74	59	28	15	2	1	1
13	Tuberculosis of respiratory system, etc.*-----	3,997	33	95	39	73	303	658	979	785	476	310	158	67	24	7
	White-----Male-----	1,482	15	29	8	23	90	204	351	299	202	144	71	31	10	5
	White-----Female-----	1,594	9	45	22	38	143	295	396	312	149	100	52	26	9	-
	Nonwhite-----Male-----	448	4	4	3	3	27	69	100	101	66	36	20	8	4	1
	Nonwhite-----Female-----	473	5	7	6	9	43	92	132	73	59	28	15	2	1	1
14-22	Tuberculosis (other forms)-----	163	42	61	19	3	6	10	5	7	2	2	5	2	-	-
	White-----Male-----	72	22	26	6	-	3	4	3	3	-	1	4	-	-	-
	White-----Female-----	59	16	22	6	2	3	3	1	2	2	-	2	-	-	-
	Nonwhite-----Male-----	25	4	9	5	1	-	2	1	1	1	1	1	-	-	-
	Nonwhite-----Female-----	7	-	4	1	-	-	1	-	1	-	-	-	-	-	-
27	Dysentery-----	96	31	26	8	1	-	-	-	5	1	5	9	5	3	-
	White-----Male-----	34	14	8	1	1	-	-	-	3	-	1	3	2	1	-
	White-----Female-----	41	11	14	6	-	-	-	-	1	1	3	3	2	-	-
	Nonwhite-----Male-----	9	3	2	-	-	-	-	-	-	-	-	2	-	2	-
	Nonwhite-----Female-----	12	3	4	1	-	-	-	-	1	-	1	1	1	-	-
28	Malaria-----	420	97	147	27	12	12	14	24	27	12	16	15	9	7	1
	White-----Male-----	178	43	68	15	4	6	2	9	7	5	8	6	4	1	-
	White-----Female-----	140	31	46	8	5	5	7	11	9	3	4	5	2	3	1
	Nonwhite-----Male-----	46	14	15	2	1	-	1	4	1	2	2	1	2	2	-
	Nonwhite-----Female-----	56	9	16	2	1	-	5	3	7	3	2	2	2	2	-
30	Syphilis-----	205	48	15	2	1	2	4	24	25	25	24	19	12	5	-
	White-----Male-----	106	22	9	1	1	1	2	7	15	14	12	13	10	1	-
	White-----Female-----	41	16	3	1	-	-	2	6	3	3	3	1	2	1	-
	Nonwhite-----Male-----	36	6	2	-	-	-	-	3	6	5	8	3	-	3	-
	Nonwhite-----Female-----	20	4	1	-	-	1	-	8	1	3	1	1	-	-	-
35	Measles-----	15	6	6	3	-	-	-	-	-	-	-	-	-	-	-
	White-----Male-----	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-
	White-----Female-----	7	1	4	2	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	3	1	1	1	-	-	-	-	-	-	-	-	-	-	-
36	Poliomyelitis, poliomyelitis (acute)-----	6	-	3	1	-	1	-	-	-	1	-	-	-	-	-
	White-----Male-----	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-
	White-----Female-----	2	-	-	-	-	1	-	-	-	1	-	-	-	-	-
	Nonwhite-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
45-55	Cancer and other malignant tumors-----	1,156	2	6	3	2	4	11	32	117	214	286	279	135	66	1
	White-----Male-----	459	1	2	1	1	-	4	6	29	78	127	132	63	15	-
	White-----Female-----	490	-	3	2	1	3	5	17	60	103	106	104	45	40	1
	Nonwhite-----Male-----	110	1	1	-	-	-	1	6	10	14	35	22	15	5	-
	Nonwhite-----Female-----	97	-	-	-	-	1	1	3	18	19	18	21	10	6	-
46	Cancer of the digestive organs and peritoneum-----	570	-	1	-	-	1	3	11	41	94	152	166	71	30	-
	White-----Male-----	278	-	1	-	-	-	2	3	18	50	79	62	37	6	-
	White-----Female-----	179	-	-	-	-	1	1	3	11	30	41	53	21	18	-
	Nonwhite-----Male-----	68	-	-	-	-	-	-	4	6	7	23	18	6	2	-
	Nonwhite-----Female-----	45	-	-	-	-	-	1	6	7	9	13	5	4	4	-
46-43	Cancer of the female genital organs-----	229	-	-	-	-	-	2	13	45	58	51	31	17	11	1
	White-----Female-----	194	-	-	-	-	-	1	11	34	48	47	27	15	10	1
	Nonwhite-----Female-----	35	-	-	-	-	-	1	2	11	10	4	4	2	1	-
50	Cancer of the breast-----	29	-	-	-	-	-	-	1	5	3	6	10	2	2	-
	White-----Male-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	White-----Female-----	26	-	-	-	-	-	-	1	5	3	4	10	1	2	-
	Nonwhite-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-----Female-----	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-
45,47, 51-55	Cancer (other sites)-----	328	2	5	3	2	3	6	7	26	59	77	72	43	23	-
	White-----Male-----	180	1	1	1	1	1	2	3	11	26	47	50	26	9	-
	White-----Female-----	91	-	3	2	1	2	3	2	10	22	14	14	8	10	-
	Nonwhite-----Male-----	42	1	1	-	-	-	1	2	4	7	12	4	7	3	-
	Nonwhite-----Female-----	15	-	-	-	-	1	-	-	1	2	4	4	2	1	-

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

TABLE 12.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1947-Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
58	Acute rheumatic fever	23	-	2	1	4	3	1	3	6	1	-	-	1	1	-
	White-Male	7	-	-	-	1	-	1	1	3	-	-	-	-	1	-
	White-Female	9	-	1	-	3	2	-	-	2	-	-	-	1	-	-
	Nonwhite-Male	4	-	1	1	-	-	-	1	1	-	-	-	-	-	-
	Nonwhite-Female	3	-	-	-	-	1	-	1	1	-	-	-	-	-	-
61	Diabetes mellitus	97	-	2	1	1	2	4	4	6	15	17	23	19	4	-
	White-Male	35	-	2	1	1	-	1	1	2	7	6	8	5	1	-
	White-Female	44	-	-	-	-	1	1	3	4	5	9	11	8	3	-
	Nonwhite-Male	4	-	-	-	-	1	1	-	-	-	-	-	2	-	-
	Nonwhite-Female	14	-	-	-	-	-	1	-	-	3	3	4	3	-	-
65b	Exophthalmic goiter	4	-	-	-	-	1	-	-	-	-	1	2	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	2	-	-	-	-	1	-	-	-	-	-	1	-	-	-
	Nonwhite-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-Female	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-
69	Pellagra (except alcoholic)	17	-	12	4	-	-	-	1	-	-	-	-	-	-	-
	White-Male	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	10	-	5	4	-	-	-	1	-	-	-	-	-	-	-
	Nonwhite-Male	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-Female	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
77	Alcoholism (ethylishm)	42	-	1	1	1	-	4	5	12	4	8	3	2	1	-
	White-Male	23	-	1	-	-	-	3	3	5	3	3	2	2	1	-
	White-Female	7	-	-	1	1	-	-	-	2	-	2	1	-	-	-
	Nonwhite-Male	8	-	-	-	-	-	1	2	3	3	2	-	-	-	-
	Nonwhite-Female	4	-	-	-	-	-	-	-	2	1	1	-	-	-	-
83	Intracranial lesions of vascular origin	632	3	9	9	3	5	4	18	40	74	97	181	101	88	-
	White-Male	272	2	7	4	3	2	3	7	14	27	44	93	42	24	-
	White-Female	220	-	1	4	-	3	1	10	12	27	30	52	45	35	-
	Nonwhite-Male	83	-	-	1	-	-	-	1	9	13	16	23	6	14	-
	Nonwhite-Female	57	1	1	-	-	-	-	-	5	7	7	13	8	15	-
90-95	Diseases of the heart	2,136	5	25	18	14	23	28	73	125	233	354	497	376	365	1
	White-Male	896	2	12	6	6	5	6	20	44	109	185	226	152	125	-
	White-Female	800	3	9	8	6	14	13	36	47	73	101	170	155	166	1
	Nonwhite-Male	238	-	1	1	2	-	3	11	15	26	49	59	41	30	-
	Nonwhite-Female	202	-	3	3	-	4	6	6	19	25	21	42	29	44	-
90a,92b,c, 93c,95b	Chronic rheumatic diseases of the heart	104	-	1	5	5	10	3	5	10	12	15	19	11	8	-
	White-Male	36	-	-	2	1	1	-	4	6	5	11	4	2	-	-
	White-Female	39	-	-	2	3	7	2	2	5	4	4	2	6	-	-
	Nonwhite-Male	13	-	-	1	-	-	-	2	1	5	2	2	-	-	-
	Nonwhite-Female	16	-	1	1	-	2	1	3	2	1	2	3	-	-	-
94	Diseases of coronary arteries and angina pectoris	374	-	2	-	-	1	1	13	29	66	97	93	43	29	-
	White-Male	188	-	1	-	-	1	-	7	17	37	49	52	17	8	-
	White-Female	107	-	1	-	-	-	1	5	7	19	25	21	15	13	-
	Nonwhite-Male	47	-	-	-	-	-	-	1	2	6	16	11	8	3	-
	Nonwhite-Female	31	-	-	-	-	-	-	3	4	7	9	3	5	-	-
90b,91, 92a,d,e, 93a,b,d,e, 95a,c	Diseases of the heart (other forms)	1,658	5	22	13	9	12	24	55	86	155	242	365	321	328	1
	White-Male	671	2	11	4	5	3	6	13	23	66	129	163	131	115	-
	White-Female	654	3	8	6	3	7	10	29	38	49	72	145	136	147	1
	Nonwhite-Male	178	-	1	1	1	-	3	10	11	19	26	46	31	27	-
	Nonwhite-Female	155	-	2	2	-	2	5	3	14	21	13	31	23	39	-
97,102	Arteriosclerosis and high blood pressure*	395	-	-	-	-	-	-	2	3	9	33	75	115	158	-
	White-Male	144	-	-	-	-	-	-	2	1	3	11	32	43	52	-
	White-Female	170	-	-	-	-	-	-	1	4	14	30	49	73	73	-
	Nonwhite-Male	32	-	-	-	-	-	-	-	1	4	5	13	9	-	-
	Nonwhite-Female	49	-	-	-	-	-	-	-	-	2	4	8	11	24	-
107-109, 33	Pneumonia (all forms) and influenza	2,292	913	727	105	34	21	26	37	47	88	87	71	63	73	-
	White-Male	971	424	295	42	10	3	10	13	15	29	39	38	30	23	-
	White-Female	926	373	298	40	13	12	8	16	15	25	35	17	34	40	-
	Nonwhite-Male	190	86	73	10	5	1	3	4	5	8	8	5	6	6	-
	Nonwhite-Female	205	60	61	13	6	5	5	4	12	6	5	11	13	4	-
107	Bronchopneumonia	1,322	580	454	67	11	12	9	11	18	24	29	29	42	56	-
	White-Male	538	276	182	23	1	1	3	6	6	7	10	17	16	10	-
	White-Female	546	228	196	25	5	8	2	3	7	14	14	6	17	21	-
	Nonwhite-Male	107	40	40	7	1	-	2	1	1	2	4	2	3	4	-
	Nonwhite-Female	111	36	36	12	4	3	2	1	4	1	1	4	6	1	-
109	Lobar pneumonia	246	75	60	10	7	4	4	6	10	15	27	8	13	7	-
	White-Male	110	32	25	5	2	1	3	2	3	8	16	3	6	4	-
	White-Female	86	34	20	3	2	1	1	3	1	3	8	2	5	3	-
	Nonwhite-Male	22	2	8	1	2	1	-	1	2	2	2	1	-	-	-
	Nonwhite-Female	28	7	7	1	1	1	-	4	2	2	2	2	2	-	-
109	Pneumonia (unspecified)	596	216	171	23	16	3	9	17	11	26	27	26	21	20	-
	White-Male	251	94	74	12	7	-	3	5	4	14	11	13	6	8	-
	White-Female	227	94	59	9	6	2	3	8	5	7	12	6	8	8	-
	Nonwhite-Male	55	13	24	2	2	-	2	-	3	2	2	2	3	2	-
	Nonwhite-Female	53	15	14	-	1	1	3	2	2	2	2	5	4	2	-
35	Influenza	138	42	42	5	-	2	4	3	9	3	4	6	7	10	-
	White-Male	52	22	14	2	-	1	1	-	2	1	2	5	2	1	-
	White-Female	67	17	23	3	-	1	2	2	2	1	1	3	4	8	-
	Nonwhite-Male	8	1	1	-	-	-	1	-	2	1	-	-	-	-	-
	Nonwhite-Female	13	2	4	-	-	-	-	1	2	1	1	1	1	1	-
117	Ulcer of stomach or duodenum	70	-	-	-	-	2	4	9	11	8	16	9	7	4	-
	White-Male	46	-	-	-	-	-	3	8	6	6	9	5	6	5	-
	White-Female	16	-	-	-	-	2	-	1	3	1	6	2	1	-	-
	Nonwhite-Male	4	-	-	-	-	-	1	-	1	-	1	1	-	-	-
	Nonwhite-Female	4	-	-	-	-	-	-	-	1	1	-	1	-	1	-
119,120	Diarrhea, enteritis, etc.*	3,701	1,982	1,532	141	21	9	11	28	23	24	23	40	37	30	-
	White-Male	1,645	925	573	64	4	4	4	10	9	8	9	15	13	7	-
	White-Female	1,454	756	536	52	12	4	5	15	10	9	8	20	14	13	-
	Nonwhite-Male	322	178	117	8	2	-	1	1	1	2	2	3	2	5	-
	Nonwhite-Female	280	123	106	17	3	1	1	2	3	5	4	2	8	5	-

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

VITAL STATISTICS OF THE UNITED STATES

TABLE 12.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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	36	1	2	8	2	3	2	1	9	-	3	3	2	-	-
	White—Male	18	1	2	4	2	1	1	1	3	-	-	2	1	-	-
	White—Female	10	-	-	2	-	2	1	-	2	-	1	1	1	-	-
	Nonwhite—Male	6	-	-	-	-	-	-	-	4	-	2	-	-	-	-
	Nonwhite—Female	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-
122	Hernia, intestinal obstruction	94	23	9	7	1	-	1	3	10	8	13	11	5	3	-
	White—Male	42	9	4	5	-	-	1	2	3	3	5	7	2	1	-
	White—Female	33	11	3	2	-	-	-	1	4	4	4	3	1	-	-
	Nonwhite—Male	11	3	1	-	1	-	-	-	2	-	2	1	-	1	-
	Nonwhite—Female	8	-	1	-	-	-	-	-	1	1	2	-	2	1	-
124	Cirrhosis of the liver	230	-	1	3	2	2	4	9	42	45	48	46	16	14	-
	White—Male	129	-	1	1	2	-	4	5	20	27	30	22	11	6	-
	White—Female	57	-	-	2	-	2	5	7	8	8	12	15	4	4	-
	Nonwhite—Male	34	-	-	-	-	-	-	13	6	6	6	5	1	3	-
	Nonwhite—Female	10	-	-	-	-	-	1	2	2	2	4	1	-	-	-
126,127	Biliary calculi, etc.*	26	3	-	-	-	-	1	-	3	6	7	6	-	-	-
	White—Male	12	2	-	-	-	-	-	-	-	2	4	4	-	-	-
	White—Female	12	1	-	-	-	-	1	-	3	3	3	1	-	-	-
	Nonwhite—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite—Female	2	-	-	-	-	-	-	-	1	-	1	-	-	-	-
130-132	Nephritis	990	53	182	85	30	19	22	33	50	82	117	149	108	80	-
	White—Male	411	12	69	32	14	7	14	18	19	40	60	64	46	27	-
	White—Female	373	15	88	39	14	7	6	11	20	23	31	52	32	35	-
	Nonwhite—Male	113	4	15	10	-	1	3	4	8	14	15	23	16	4	-
	Nonwhite—Female	93	2	12	4	2	5	6	4	4	5	15	10	14	14	-
137	Diseases of the prostate	18	-	-	-	-	-	-	-	-	-	3	5	6	3	-
	White—Male	18	-	-	-	-	-	-	-	-	1	3	5	6	3	-
	Nonwhite—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140-150	Diseases of pregnancy, etc.*	232	-	-	-	-	27	58	89	58	1	-	-	-	-	-
	White—Female	185	-	-	-	-	18	50	76	40	1	-	-	-	-	-
	Nonwhite—Female	47	-	-	-	-	9	9	12	18	-	-	-	-	-	-
140,142a, 145A,147	Puerperal septicemia	40	-	-	-	-	6	12	16	6	-	-	-	-	-	-
	White—Female	34	-	-	-	-	4	10	16	4	-	-	-	-	-	-
	Nonwhite—Female	6	-	-	-	-	2	2	2	-	-	-	-	-	-	-
141a,c, 144,146	Puerperal toxemia	62	-	-	-	-	12	13	21	15	1	-	-	-	-	-
	White—Female	47	-	-	-	-	7	11	17	11	1	-	-	-	-	-
	Nonwhite—Female	15	-	-	-	-	5	2	4	4	-	-	-	-	-	-
141b,142b, 143,146, 149	Hemorrhage, trauma or shock*	107	-	-	-	-	8	26	41	30	-	-	-	-	-	-
	White—Female	87	-	-	-	-	6	24	35	22	-	-	-	-	-	-
	Nonwhite—Female	20	-	-	-	-	2	4	6	8	-	-	-	-	-	-
141d,e,f, 145B,150	Other puerperal causes	23	-	-	-	-	1	5	10	7	-	-	-	-	-	-
	White—Female	17	-	-	-	-	1	5	8	3	-	-	-	-	-	-
	Nonwhite—Female	6	-	-	-	-	-	2	4	4	-	-	-	-	-	-
157	Congenital malformations	286	243	23	10	2	2	1	2	2	-	-	-	-	1	-
	White—Male	136	117	9	4	1	1	1	1	2	-	-	-	-	1	-
	White—Female	122	107	9	6	2	-	-	1	-	-	-	-	-	-	-
	Nonwhite—Male	23	16	3	3	-	1	-	-	-	-	-	-	-	-	-
	Nonwhite—Female	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-
158-161	Diseases peculiar to first year	1,926	1,926	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Male	956	956	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Female	674	674	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Male	168	168	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Female	120	120	...	...	...	...	...	...	...	...	...	...	...	...	...
159	Premature birth	676	676	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Male	318	318	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Female	252	252	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Male	59	59	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Female	47	47	...	...	...	...	...	...	...	...	...	...	...	...	...
158,160, 161	Other diseases peculiar to first year	1,250	1,250	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Male	638	638	...	...	...	...	...	...	...	...	...	...	...	...	...
	White—Female	422	422	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Male	109	109	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nonwhite—Female	81	81	...	...	...	...	...	...	...	...	...	...	...	...	...
163,164	Suicide	507	-	2	-	6	51	102	143	74	55	38	17	9	7	1
	White—Male	326	-	1	-	4	20	61	101	49	33	30	12	7	7	1
	White—Female	94	-	1	-	3	22	21	20	8	10	5	3	1	-	-
	Nonwhite—Male	65	-	-	-	-	4	16	18	12	10	2	2	1	-	-
	Nonwhite—Female	22	-	-	-	1	5	4	5	2	1	1	-	-	-	-
165-168	Homicide	286	2	3	2	1	29	52	93	64	21	9	8	2	-	-
	White—Male	157	2	-	-	-	10	29	53	43	12	4	3	1	-	-
	White—Female	43	-	1	1	1	10	7	10	7	1	1	3	1	-	-
	Nonwhite—Male	79	-	1	1	-	7	14	28	11	7	4	2	-	-	-
	Nonwhite—Female	11	-	1	-	-	2	2	2	3	1	-	-	-	-	-
169-195	Accidental deaths	656	41	71	54	49	64	64	95	82	45	32	29	20	12	2
	White—Male	392	16	32	29	29	42	49	61	50	32	21	18	8	4	2
	White—Female	114	13	25	13	11	7	3	9	10	2	4	2	10	5	-
	Nonwhite—Male	120	10	5	9	8	15	12	19	19	9	6	7	1	-	-
	Nonwhite—Female	30	2	9	3	1	-	1	4	3	-	1	2	1	3	-
170	Motor-vehicle accidents	230	3	8	24	20	21	31	45	24	19	12	13	8	1	1
	White—Male	152	-	4	14	11	16	26	31	15	14	6	8	5	1	1
	White—Female	32	-	2	6	7	1	1	3	5	1	2	1	3	-	-
	Nonwhite—Male	40	2	1	3	2	4	3	10	4	4	3	4	-	-	-
	Nonwhite—Female	6	1	1	1	-	-	1	1	-	-	1	-	-	-	-
169, 171-195	Other accidents	426	36	63	30	29	43	33	48	50	24	20	16	12	11	1
	White—Male	240	16	28	15	18	26	22	30	35	18	15	10	3	3	1
	White—Female	82	13	23	7	4	6	2	6	5	1	2	1	7	5	-
	Nonwhite—Male	80	8	4	6	6	11	9	9	15	5	3	3	1	-	-
	Nonwhite—Female	24	1	8	2	1	-	-	3	3	-	-	2	1	3	-

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

TABLE 12.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: PUERTO RICO, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
162,199, 200	Senility, ill-defined and unknown causes-----	2,082	481	370	68	21	24	42	56	84	83	95	161	201	395	3
	White-----Male-----	799	210	158	28	7	11	17	21	36	32	46	63	77	110	3
	Female-----	869	201	173	31	11	12	15	22	25	35	27	55	83	179	-
	Nonwhite-----Male-----	213	40	32	4	1	1	5	6	13	6	16	27	21	41	-
	Female-----	201	30	27	5	2	-	5	7	10	10	6	16	20	63	-
	All other causes-----	2,291	503	540	145	89	63	62	133	125	130	132	168	97	105	1
White-----Male-----	949	236	226	63	42	25	21	46	48	51	52	69	37	33	-	
Female-----	903	190	223	51	33	23	26	52	52	56	47	63	42	45	-	
Nonwhite-----Male-----	234	44	44	13	7	9	9	19	10	14	21	24	12	8	1	
Female-----	205	33	47	18	7	6	7	16	15	9	12	12	6	17	-	

TABLE 13.—DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE AND CONTROL: PUERTO RICO, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 11, 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					TYPE OF CONTROL				
				General hospitals	Tuberculosis hospitals	Other non-resident hospitals and institutions	Mental institutions	Other resident institutions	Federal	Insular Government	City	Non-profit	Proprietary
ALL CAUSES-----	25,407	19,513	5,894	4,716	670	55	63	109	28	1,651	3,135	253	346
Typhoid and paratyphoid fever-----1,2	35	10	26	23	-	-	-	-	-	14	8	1	1
Cerebrospinal (meningococcus) meningitis-----6	14	9	5	4	-	-	-	-	-	1	2	1	-
Whooping cough-----9	144	128	18	13	-	-	-	-	-	4	9	-	1
Diphtheria-----10	86	56	50	47	-	-	-	-	-	21	26	1	-
Tuberculosis (all forms)-----13-22	4,160	3,158	1,002	267	654	8	18	14	-	729	209	5	18
Tuberculosis of respiratory system, etc.*-----15	3,937	3,078	919	186	654	8	18	14	-	700	158	5	17
Tuberculosis (other forms)-----14-22	163	80	83	81	-	-	-	-	-	29	51	-	1
Dysentery-----27	86	74	22	22	-	-	-	-	-	5	14	3	-
Malaria-----28	420	301	119	118	-	-	-	-	-	11	102	4	2
Syphilis-----30	205	127	78	60	3	2	9	-	-	23	40	6	5
Measles-----35	15	13	2	2	-	-	-	-	-	1	1	-	-
Poliomyelitis, poliomyelitis (acute)-----36	6	4	2	2	-	-	-	-	-	1	1	-	-
Cancer and other malignant tumors-----45-55	1,156	910	246	211	1	1	-	-	-	3	38	154	27
Cancer of the digestive organs and peritoneum-----46	570	439	131	112	-	-	-	-	-	5	3	28	71
Cancer of female genital organs-----48,49	229	204	25	19	-	-	-	-	-	2	-	15	3
Cancer of the breast-----50	29	24	5	4	-	-	-	-	-	-	-	2	1
Cancer (other sites)-----45,47,51-55	328	243	85	76	1	-	-	-	-	1	12	46	13
Acute rheumatic fever-----59	23	14	9	8	-	-	-	-	-	-	-	3	5
Diabetes mellitus-----61	97	60	37	33	-	-	-	-	-	1	8	16	3
Exophthalmic goiter-----63b	4	2	2	1	-	-	-	-	-	-	1	-	-
Pellagra (except alcoholic)-----69	17	6	11	10	-	-	-	-	-	-	6	4	-
Alcoholism (ethylism)-----77	42	32	10	10	-	-	-	-	-	-	-	9	1
Intracranial lesions of vascular origin-----83	632	480	152	127	-	-	-	-	-	-	14	105	10
Diseases of the heart-----90-95	2,136	1,680	456	389	2	4	8	27	6	88	264	22	50
Chronic rheumatic diseases of heart-----90a,92b,c,93c,95b	104	77	27	24	-	-	-	-	-	1	5	12	3
Diseases of coronary arteries and angina pectoris-----94	374	290	84	72	-	-	-	-	-	4	10	49	4
Diseases of heart (other forms)-----90b,91,92a,d,e,93a,b,d,e,95a,c	1,658	1,313	345	295	2	4	7	22	4	73	203	15	53
Arteriosclerosis and high blood pressure*-----97,102	395	346	49	37	-	-	-	-	-	14	21	9	3
Pneumonia (all forms) and influenza-----107-109,33	2,292	1,672	420	392	-	-	-	-	-	5	2	107	268
Bronchopneumonia-----107	1,322	1,074	248	241	-	-	-	-	-	2	1	74	152
Lobar pneumonia-----108	246	188	58	50	-	-	-	-	-	1	-	11	99
Pneumonia (unspecified)-----109	588	489	97	86	-	-	-	-	-	4	3	18	66
Influenza-----33	138	121	17	15	-	-	-	-	-	-	-	4	11
Ulcer of stomach or duodenum-----117	70	45	25	23	-	-	-	-	-	1	6	11	5
Diarrhea, enteritis, etc.*-----119,120	3,701	3,241	460	424	1	-	-	-	-	11	-	65	332
Appendicitis-----121	36	4	32	32	-	-	-	-	-	-	1	10	16
Hernia and intestinal obstruction-----122	94	43	51	50	-	-	-	-	-	-	1	13	26
Cirrhosis of the liver-----124	230	159	71	64	-	-	-	-	-	1	1	8	51
Biliary calculi, etc.*-----126,127	26	8	18	17	-	-	-	-	-	-	-	4	5
Nephritis-----130-132	990	821	169	148	1	-	-	-	-	1	5	7	107
Diseases of the prostate-----157	18	9	9	9	-	-	-	-	-	-	-	2	5
Diseases of pregnancy, etc.*-----140-150	232	75	157	150	-	-	-	-	-	-	-	39	96
Puerperal septicemia-----140,142a,145a;147	40	17	23	22	-	-	-	-	-	-	-	9	12
Puerperal toxemia-----141a,c,144,148	62	18	44	44	-	-	-	-	-	-	-	12	27
Hemorrhage, toxemia or shock*-----141b,142b,145,146,149	107	28	79	75	-	-	-	-	-	-	-	16	50
Other puerperal causes-----141d,e,f,145b,150	23	12	11	9	-	-	-	-	-	-	-	2	7
Congenital malformations-----157	286	206	80	73	-	-	-	-	-	1	24	40	4
Diseases peculiar to first year-----158-161	1,926	1,272	654	621	-	-	-	-	-	2	166	379	32
Premature birth-----159	676	305	371	359	-	-	-	-	-	2	91	227	15
Other diseases peculiar to first year-----158,160,161	1,250	967	283	262	-	-	-	-	-	-	75	152	17
Suicide-----163,164	507	302	205	189	4	-	-	-	-	1	33	141	7
Homicide-----165-169	286	166	120	113	1	-	-	-	-	1	41	67	3
Accidental deaths-----169-195	656	329	327	307	1	-	-	-	-	3	94	169	7
Motor-vehicle accidents-----170	230	91	139	133	-	-	-	-	-	-	1	45	74
Other accidents-----169,171-195	426	238	188	174	1	-	-	-	-	2	49	94	5
Senility, ill-defined and unknown causes-----162,199,200	2,082	1,967	115	106	-	-	-	-	-	2	-	31	72
All other causes-----	2,291	1,606	685	614	2	-	-	-	-	5	197	382	29

*Refer to International List for complete title, table IX.
 †Includes deaths occurring in institutions of unknown type.

VITAL STATISTICS OF THE UNITED STATES

TABLE 14.—DEATHS FROM SELECTED CAUSES: PUERTO RICO, EACH MUNICIPALITY, AND

(By place of occurrence. Exclusive of stillbirths. Numbers

AREA	Total deaths	Typhoid and para-typhoid fever	Cerebro-spinal (meningo-coccus) meningitis	Scarlet fever	Whoop-Ing cough	Diph-theria	Tuber-culosis (all forms)	Dysen-tery	Malaria	Syph-illis	Measles	Polio-myelitis, polio-encephalitis (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	56	61
1 PUERTO RICO-----	25,407	36	14	-	144	86	4,180	96	420	205	15	6	1,156	23	97
2 Adjuntas-----	217	-	-	-	4	-	10	-	-	1	-	-	13	-	1
3 Aguada-----	257	-	-	-	-	-	43	-	4	-	-	-	7	-	-
4 Aguedilla-----	781	4	-	-	11	7	111	1	5	7	3	-	30	3	3
5 Aguedilla-----	200	1	-	-	4	2	51	-	1	4	1	-	12	-	1
6 Balance of municipality-----	561	3	-	-	7	5	80	1	4	3	2	-	18	3	2
7 Aguas Buenas-----	149	-	-	-	13	-	29	-	-	-	-	-	2	-	-
8 Albonito-----	199	1	-	-	8	-	23	-	-	2	-	-	8	-	1
9 Anasco-----	251	-	1	-	2	-	21	1	7	1	3	-	2	1	1
10 Arecibo-----	1,415	8	1	-	6	7	230	6	21	14	-	-	56	-	6
11 Arecibo-----	475	4	1	-	3	2	84	2	4	9	-	-	17	-	2
12 Balance of municipality-----	940	4	-	-	3	5	136	4	17	5	-	-	39	-	4
13 Arroyo-----	181	-	-	-	13	-	13	1	7	1	-	-	5	-	1
14 Barceloneta-----	228	-	-	-	-	-	34	3	8	4	-	-	12	-	-
15 Barranquitas-----	159	-	-	-	1	2	7	1	-	1	-	-	4	-	-
16 Bayamon-----	816	-	-	-	3	5	118	6	9	16	-	2	29	1	3
17 Bayamon-----	320	-	-	-	8	9	56	2	5	6	-	1	19	1	1
18 Balance of municipality-----	496	-	-	-	3	4	62	4	4	8	-	1	10	-	2
19 Cabo Rojo-----	274	-	-	-	1	-	24	-	7	1	-	-	21	-	1
20 Caguas-----	779	-	1	-	-	1	159	-	17	3	-	-	32	-	5
21 Caguas-----	426	-	1	-	-	-	108	-	8	3	-	-	20	-	4
22 Balance of municipality-----	353	-	-	-	-	-	51	-	9	-	-	-	12	-	1
23 Camuy-----	246	-	-	-	2	1	32	-	1	-	-	-	15	-	-
24 Carolina-----	254	-	-	-	3	-	25	-	10	2	-	-	3	-	-
25 Catao-----	109	-	-	-	1	-	18	-	1	2	-	-	4	-	1
26 Cayey-----	424	-	-	-	4	1	48	3	10	6	-	-	12	-	1
27 Ceiba-----	69	-	-	-	-	-	18	-	2	1	-	-	5	-	-
28 Ciales-----	181	-	-	-	-	2	38	2	1	-	-	-	5	-	-
29 Cidra-----	179	-	-	-	-	-	10	-	-	1	-	-	-	-	-
30 Coamo-----	232	-	-	-	2	1	22	1	3	4	-	-	9	-	-
31 Coarizo-----	176	-	-	-	6	1	28	-	-	1	-	-	7	-	1
32 Corozal-----	125	-	-	-	1	-	25	-	-	1	-	-	9	-	1
33 Culebra-----	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34 Dorado-----	75	-	-	-	2	-	13	-	1	-	-	-	9	-	-
35 Fajardo-----	452	5	-	-	-	6	62	1	10	6	-	-	13	-	-
36 Guanica-----	131	-	-	-	-	-	16	-	5	-	-	-	2	-	-
37 Guayama-----	480	-	-	-	1	5	140	-	33	4	-	1	17	-	3
38 Guayama-----	264	-	-	-	4	1	79	-	8	2	-	1	11	-	3
39 Balance of municipality-----	216	-	-	-	1	-	61	-	25	2	-	-	6	-	-
40 Guayanilla-----	148	-	-	-	-	2	16	1	9	1	-	-	10	1	2
41 Guaynabo-----	152	-	-	-	-	-	25	-	-	2	-	-	11	2	-
42 Gurabo-----	165	-	-	-	3	-	27	-	-	-	-	-	2	-	1
43 Hatillo-----	182	-	-	-	1	-	28	-	-	1	-	-	2	1	1
44 Hormigueros-----	82	-	-	-	-	-	4	-	1	-	-	-	4	-	1
45 Humacao-----	424	-	-	-	8	1	77	-	2	4	-	-	17	-	3
46 Isabela-----	324	-	-	-	1	-	35	-	-	4	2	-	16	-	1
47 Jayuya-----	175	-	-	-	-	-	26	-	-	-	-	-	3	-	1
48 Juana Diaz-----	534	-	-	-	-	1	36	-	10	3	-	-	8	1	1
49 Juncos-----	515	-	-	-	4	1	73	-	5	2	-	-	9	-	-
50 Lejas-----	151	-	-	-	3	1	7	1	1	1	1	-	14	-	4
51 Leres-----	457	-	-	-	-	1	3	2	-	3	-	-	17	1	-
52 Las Marias-----	84	-	-	-	-	-	8	-	-	-	-	-	-	-	-
53 Las Piedras-----	231	-	-	-	1	-	43	-	3	-	-	-	4	-	-
54 Loiza-----	248	-	-	-	4	-	29	2	4	1	-	-	9	-	1
55 Luquillo-----	95	-	-	-	-	-	9	-	-	-	-	-	1	-	-
56 Manati-----	363	-	-	-	4	-	76	1	1	2	-	1	29	-	2
57 Maricao-----	66	-	-	-	-	-	10	-	-	-	-	-	2	-	-
58 Maunabo-----	116	-	-	-	1	1	15	2	5	-	-	-	2	-	1
59 Mayaguez-----	1,267	1	2	-	1	2	255	3	13	4	1	1	82	1	6
60 Mayaguez-----	831	1	2	-	1	1	165	1	9	4	1	1	65	1	5
61 Balance of municipality-----	436	-	-	-	-	1	90	2	4	-	-	-	17	-	-
62 Moca-----	182	1	1	-	-	-	19	-	1	-	-	-	11	-	1
63 Morovis-----	133	-	-	-	-	-	19	-	-	1	-	-	14	-	-
64 Naguabo-----	170	1	-	-	-	1	24	-	4	-	-	-	7	-	-
65 Naranjito-----	101	-	-	-	2	-	18	-	-	1	-	-	4	-	-
66 Orocuiva-----	161	-	-	-	1	-	16	-	-	1	-	-	10	-	-
67 Patillas-----	252	-	-	-	3	1	16	4	31	1	-	-	1	-	-
68 Penuelas-----	146	-	-	-	-	-	2	-	-	-	-	-	-	-	-
69 Ponce-----	1,841	6	3	-	1	5	347	6	45	10	-	-	119	2	11
70 Ponce-----	1,192	4	3	-	4	4	207	4	27	9	-	-	85	2	7
71 Balance of municipality-----	649	2	-	-	1	1	140	2	18	1	1	1	36	-	4
72 Quebradillas-----	152	-	-	-	-	-	21	-	1	-	-	-	2	-	-
73 Rincon-----	84	-	-	-	-	-	7	-	-	-	-	-	-	-	-
74 Rio Grande-----	166	-	-	-	1	-	22	-	-	-	-	-	4	-	2
75 Rio Piedras-----	1,436	1	1	-	1	2	546	8	12	25	3	-	73	2	9
76 Rio Piedras-----	935	1	1	-	1	1	355	5	6	16	2	-	55	2	7
77 Balance of municipality-----	501	-	-	-	-	1	191	3	6	9	1	-	18	-	2
78 Sabana Grande-----	160	-	-	-	-	-	16	-	4	-	-	-	5	-	-
79 Salinas-----	239	-	-	-	-	-	37	5	20	2	-	-	8	-	-
80 San German-----	328	-	1	-	-	1	26	-	6	-	-	-	22	-	1
81 San Juan, coextensive with San Juan (city)-----	2,377	8	2	-	5	7	420	16	13	23	2	-	198	4	12
82 San Lorenzo-----	296	-	-	-	1	-	48	-	2	-	-	-	6	-	-
83 San Sebastian-----	403	-	-	-	4	2	49	2	3	6	-	-	16	-	-
84 Santa Isabel-----	132	-	-	-	-	1	14	1	5	3	-	-	3	1	-
85 Toa Alta-----	109	-	-	-	-	-	19	-	1	3	-	-	1	-	1
86 Toa Baja-----	110	-	-	-	-	-	19	-	2	4	-	-	4	-	-
87 Trujillo Alto-----	90	-	-	-	1	-	13	-	-	-	-	-	5	-	-
88 Utuado-----	570	-	-	-	4	1	66	7	-	3	-	-	16	-	-
89 Vega Alta-----	159	-	-	-	1	-	24	-	-	-	-	-	3	-	1
90 Vega Baja-----	299	-	1	-	-	-	59	2	8	6	-	-	18	-	-
91 Vieques-----	35	-	-	-	-	-	7	-	2	1	-	-	9	-	2
92 Villalba-----	139	-	-	-	1	-	13	-	2	1	-	-	3	-	-
93 Yabucoa-----	424	-	-	-	4	7	69	4	25	-	-	-	8	-	-
94 Yauco-----	483	-	-	-	-	3	47	2	20	1	-	-	15	1	1

EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1947

under 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 and diseases peculiar to the first year (except premature birth)	Premature birth	Suicide	Homicide	Motor-vehicle accidents	Other accidents	Senility, ill-defined and unknown causes	All other causes	
69	85	90-95	107-109,33	119,120	130-132	140-150	157,158,160,161	159	163,164	165-168	170	169, 171-195	162, 199,200		
17	632	2,136	2,292	3,701	990	232	1,536	676	507	286	250	426	2,082	3,206	1
-	5	11	49	34	12	2	23	4	11	1	1	2	1	32	2
-	4	7	18	61	7	2	13	3	1	1	-	2	37	46	3
5	7	64	50	112	13	12	50	40	12	13	10	15	37	136	4
-	3	16	10	28	2	3	12	17	2	4	3	5	6	32	5
5	4	49	40	84	11	9	38	23	10	9	7	10	31	104	6
-	2	6	11	29	12	-	8	1	2	1	1	1	1	28	7
7	7	34	23	26	5	-	16	3	4	2	2	2	7	25	8
-	5	7	37	48	13	3	9	2	2	5	-	4	27	28	9
19	174	103	235	41	16	62	50	30	22	22	25	32	35	215	10
-	9	53	36	75	16	5	28	15	4	7	6	12	9	66	11
-	10	121	67	162	25	11	36	35	26	15	19	20	26	150	12
1	14	11	11	36	10	1	6	2	6	2	2	6	11	23	13
-	6	19	16	36	30	3	13	2	7	2	-	-	21	12	14
-	2	23	29	23	6	-	18	4	3	-	1	1	12	23	15
-	11	58	103	45	37	19	70	24	17	23	29	3	31	130	16
-	7	27	32	16	15	9	22	2	3	6	12	8	16	47	17
-	4	31	71	29	22	10	48	22	14	17	17	15	15	83	18
-	12	13	27	38	7	3	16	4	4	5	5	3	26	56	19
-	24	43	30	141	47	9	52	6	8	10	5	8	55	115	20
-	19	26	16	60	15	4	25	5	5	9	1	5	35	58	21
-	5	17	14	81	32	5	27	3	8	1	4	3	22	57	22
3	4	28	23	55	8	1	23	3	3	4	3	2	9	28	23
-	5	13	35	49	12	1	29	2	6	3	3	3	1	43	24
-	3	11	7	13	2	-	4	4	2	1	1	2	5	27	25
14	34	38	67	30	4	-	28	21	19	4	3	3	27	47	26
-	1	5	4	13	1	-	6	-	2	-	-	5	2	2	27
-	10	17	16	22	12	1	17	-	8	-	2	1	19	13	28
-	1	11	9	15	4	1	8	1	1	1	1	2	98	16	29
-	11	39	21	37	4	2	23	4	8	2	1	3	19	16	30
-	3	18	14	44	12	-	12	3	4	1	-	2	3	16	31
-	4	10	15	18	1	-	4	6	5	2	-	1	15	32	32
-	6	-	-	-	-	-	-	-	-	-	-	-	6	33	33
-	11	11	4	5	-	2	2	2	1	-	-	2	5	12	34
4	11	55	36	42	6	7	30	31	5	7	13	14	28	80	35
-	2	16	8	28	3	3	9	7	2	2	1	2	14	13	36
-	7	24	20	82	15	5	22	14	8	4	3	9	30	53	37
-	5	18	12	36	8	3	13	9	4	2	2	5	19	20	38
-	2	6	8	46	7	2	9	2	2	2	1	1	11	13	39
1	1	13	12	20	4	-	8	5	4	2	1	4	2	33	40
-	3	17	8	25	3	1	20	4	4	4	-	1	6	20	41
-	6	8	22	16	4	-	9	-	10	-	-	-	34	22	42
-	6	28	26	41	6	-	16	1	1	1	1	1	18	18	43
1	1	4	2	2	2	2	11	2	2	-	-	1	25	8	44
-	11	29	24	95	20	5	27	2	15	3	6	6	36	38	45
-	4	43	30	72	20	-	16	4	10	-	5	7	15	41	46
-	5	8	19	27	11	-	9	-	3	3	2	2	44	13	47
-	15	22	25	66	17	2	34	16	8	4	3	5	15	46	48
-	11	20	30	55	17	2	22	9	8	-	1	1	11	36	49
-	5	28	10	22	7	4	13	1	1	1	3	3	24	50	
-	14	52	48	44	35	4	39	14	8	4	3	10	103	51	
-	-	2	4	-	-	-	-	-	-	-	-	-	75	1	52
-	3	10	05	3	4	-	22	-	6	2	2	1	30	17	53
-	2	26	21	70	4	1	14	11	3	2	2	3	6	33	54
-	2	2	5	12	-	1	1	2	2	1	2	2	55	4	55
-	9	40	31	59	5	-	12	7	8	-	5	5	10	50	56
-	1	4	9	9	2	-	2	1	1	1	2	2	19	3	57
-	2	3	9	7	2	-	2	1	1	1	1	1	54	7	58
-	51	105	158	186	52	23	67	21	21	14	7	19	29	142	59
-	35	77	99	118	35	10	44	11	13	10	10	10	20	92	60
-	16	28	69	68	17	13	23	10	8	4	6	9	50	61	
-	17	28	25	3	3	1	5	5	2	2	1	6	36	9	62
1	3	19	11	19	3	4	14	4	5	2	1	5	10	63	
1	1	9	11	6	-	-	7	1	3	1	1	5	76	9	64
1	1	10	5	9	3	2	10	2	1	1	-	2	12	19	65
1	1	28	46	9	4	1	3	-	-	3	-	-	30	8	66
2	2	5	11	35	21	4	16	9	1	1	-	1	65	26	67
1	1	1	1	-	-	-	1	-	-	-	-	-	138	1	68
1	46	170	124	285	73	16	90	42	33	31	15	37	32	290	69
36	125	73	163	50	10	10	64	34	22	19	6	19	19	199	70
1	10	46	51	122	23	8	26	8	11	12	15	15	13	91	71
2	2	22	5	43	21	-	12	1	1	1	3	1	1	15	72
1	1	-	-	-	-	-	-	-	-	-	-	-	69	5	73
8	11	27	31	31	1	2	8	2	5	2	-	-	16	19	74
1	31	96	82	124	45	10	61	40	25	9	11	23	42	153	75
20	65	52	79	27	3	3	48	30	19	5	5	12	26	92	76
1	11	31	30	45	18	7	13	10	6	4	6	11	16	61	77
1	1	10	18	14	3	3	8	-	1	1	1	2	12	12	78
-	1	30	10	31	10	3	12	14	4	2	4	7	11	27	79
-	8	39	47	73	9	4	24	11	6	2	2	4	5	32	80
-	107	257	152	254	72	18	123	158	47	54	29	47	76	293	81
-	3	6	82	29	2	2	27	5	12	2	-	-	33	36	82
-	4	36	30	71	35	6	59	4	7	6	1	4	20	58	83
-	3	6	24	21	9	-	15	3	3	1	-	4	12	84	
-	5	9	6	2	-	-	3	1	1	-	1	3	17	85	
-	2	5	11	19	14	1	11	-	2	2	-	1	2	8	
-	1	7	5	18	4	-	4	1	1	1	-	1	3	25	87
-	4	30	40	57	13	2	25	6	8	7	2	12	203	84	
-	3	10	13	20	14	1	14	4	1	2	3	4	13	27	
1	11	28	31	53	18	2	16	3	8	3	5	8	19	90	
-	-	13	11	7	2	1	4	2	2	4	-	2	6	8	
-	2	14	22	24	16	-	14	-	-	-	-	1	16	92	
17	16	110	42	10	2	2	11	10	3	1	3	2	34	43	
-	17	33	68	97	21	6	44	8	12	4	4	10	15	54	

VIRGIN ISLANDS

TABLE 1.—LIVE BIRTHS, DEATHS, DEATHS UNDER 1 YEAR, AND STILLBIRTHS: VIRGIN ISLANDS AND ITS SUBDIVISIONS, AND BY SEX, VIRGIN ISLANDS, 1947

(By place of occurrence. Deaths exclusive of stillbirths)

AREA (SEX FOR VIRGIN ISLANDS ONLY)	Live births	Deaths (all ages)	Deaths under 1 year	Stillbirths ¹
VIRGIN ISLANDS-----	876	394	78	34
Male-----	449	207	48	20
Female-----	427	187	30	14
St. Croix-----	357	191	22	17
St. John-----	16	7	1	-
St. Thomas-----	503	196	55	17

¹Includes 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, 1947

(By place of occurrence)

AREA	All races	White	Negro	Mixed ¹ and other
VIRGIN ISLANDS-----	876	33	711	132
St. Croix-----	357	6	262	89
St. John-----	16	-	15	1
St. Thomas-----	503	27	434	42

¹"Mixed" designates a mixture of white and Negro.

TABLE 3.—LIVE BIRTHS BY SEX AND MONTH: VIRGIN ISLANDS, 1947

SEX	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL-----	876	80	78	77	66	59	61	68	70	80	77	76	84
Male-----	449	41	39	34	29	26	36	37	34	41	39	39	52
Female-----	427	39	39	43	37	33	25	31	36	39	38	37	32

TABLE 4.—NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, AND BY RACE, VIRGIN ISLANDS, 1947

(By place of occurrence)

AREA (RACE FOR VIRGIN ISLANDS ONLY)	Total births	NUMBER ATTENDED BY--				Total percent	PERCENT ATTENDED BY--			
		Physician in hospital	Physician not in hospital	Midwife	Other and not specified		Physician in hospital	Physician not in hospital	Midwife	Other and not specified
VIRGIN ISLANDS-----	876	468	8	377	2	100.0	55.8	0.9	43.0	0.2
White-----	33	13	-	20	-	100.0	39.4	0	60.6	0
Negro-----	711	405	8	298	2	100.0	57.0	1.1	41.6	0.3
Mixed ¹ and other-----	132	71	-	61	-	100.0	53.8	0	46.2	0
St. Croix-----	357	230	8	119	-	100.0	64.4	2.2	33.3	0
St. John-----	16	10	-	6	-	100.0	62.5	0	37.5	0
St. Thomas-----	503	249	-	252	2	100.0	49.5	0	50.1	0.4

¹"Mixed" designates a mixture of white and Negro.

TABLE 5.—LIVE BIRTHS BY RACE AND AGE OF MOTHER: VIRGIN ISLANDS, 1947

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-----	876	4	156	258	208	144	82	20	-	-	4
White-----	33	-	2	10	10	6	3	1	-	-	1
Negro-----	711	4	133	210	160	118	66	17	-	-	3
Mixed ¹ and other-----	132	-	21	38	38	20	13	2	-	-	-

¹"Mixed" designates a mixture of white and Negro.

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TABLE 6.—LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: VIRGIN ISLANDS, 1947

(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-----	876	4	156	258	208	184	82	20	-	-	-	4
First child-----	163	4	102	50	18	5	4	-	-	-	-	-
Second child-----	135	-	33	64	27	7	3	-	-	-	-	1
Third child-----	131	-	14	69	35	8	5	-	-	-	-	-
Fourth child-----	95	-	6	42	30	12	3	2	-	-	-	-
Fifth child-----	95	-	1	16	36	26	14	2	-	-	-	-
Sixth child-----	76	-	-	9	30	27	9	1	-	-	-	-
Seventh child-----	55	-	-	6	17	19	11	2	-	-	-	-
Eighth child-----	39	-	-	2	8	18	6	4	-	-	-	-
Ninth child-----	22	-	-	-	3	12	4	3	-	-	-	-
Tenth child-----	18	-	-	-	3	5	9	1	-	-	-	-
Eleventh child-----	11	-	-	-	-	1	8	-	-	-	-	2
Twelfth child-----	5	-	-	-	-	1	4	-	-	-	-	-
Thirteenth child and over-----	7	-	-	-	-	-	2	5	-	-	-	-
Not stated-----	5	-	-	-	1	3	-	-	-	-	-	1

TABLE 7.—LIVE BIRTHS BY RACE AND BIRTH ORDER: VIRGIN ISLANDS, 1947

(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-----	876	183	135	131	95	95	76	55	30	22	18	11	5	7	5
White-----	33	6	10	4	-	3	2	4	2	-	1	-	-	-	1
Negro-----	711	154	108	107	81	78	57	45	31	16	10	8	5	7	4
Mixed ¹ and other-----	132	23	17	20	14	14	17	6	5	6	7	3	-	-	-

¹"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, 1947

(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 cases is necessarily less than total 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--	876	865	854	11	11
White-----	33	32	31	1	1
Negro-----	711	702	693	9	9
Mixed ¹ and other-----	132	131	130	1	1

¹"Mixed" designates a mixture of white and Negro.

TABLE 9.—DEATHS BY RACE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	White	Negro	Mixed ¹ and other
VIRGIN ISLANDS-----	394	32	328	34
St. Croix-----	191	9	154	28
St. John-----	7	-	7	-
St. Thomas-----	196	23	167	6

¹"Mixed" designates a mixture of white and Negro.

TABLE 10.—DEATHS IN INSTITUTIONS BY TYPE OF SERVICE: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	Deaths not in institutions	DEATHS IN INSTITUTIONS					
			Total ¹	General hospitals	Tuber- culosis hospitals	Other non- resident hospitals and insti- tutions	Mental insti- tutions	Other resident insti- tutions
VIRGIN ISLANDS-----	394	143	251	203	...	1	...	46
St. Croix-----	191	53	138	91	...	1	...	46
St. John-----	7	7	-	-	...	-	...	-
St. Thomas-----	196	83	113	112	...	-	...	-

¹Includes deaths occurring in institutions of unknown type.

SUPPLEMENT-VIRGIN ISLANDS

TABLE 11.-DEATHS BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1947

(Exclusive of stillbirths)

RACE AND SEX	Total deaths	Under	1	2	3	4	Under	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	Not
		1	2	3	4	5	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94	99	and over	stat- ed	
ALL RACES	394	78	15	3	2	-	98	2	5	6	3	5	13	7	11	14	15	20	31	36	38	34	25	18	5	3	1	4
Male	207	48	10	2	1	-	61	-	2	3	2	2	9	5	8	9	7	14	13	18	19	15	11	5	2	1	1	1
Female	187	30	5	1	1	-	37	2	3	3	1	3	4	2	6	5	8	6	18	18	19	19	14	13	3	2	-	3
White	32	2	2	-	-	-	4	-	-	1	1	-	2	-	1	1	-	2	3	2	3	5	5	-	-	1	-	1
Male	16	-	2	-	-	-	2	-	-	-	-	-	1	-	1	1	-	2	2	1	2	2	2	-	-	-	-	1
Female	16	2	-	-	-	-	2	2	-	1	1	-	-	-	-	-	-	-	1	1	1	3	3	-	-	1	-	1
Negro	328	66	11	3	2	-	92	2	4	3	2	5	9	7	10	13	14	15	28	34	31	28	15	17	4	1	1	3
Male	171	42	6	2	1	-	51	2	2	3	2	2	7	5	8	8	7	9	11	18	15	12	7	4	2	1	1	2
Female	157	24	5	1	1	-	41	2	2	2	2	2	2	2	6	5	7	6	17	16	16	16	8	13	2	1	1	1
Mixed ¹ and other	34	10	2	-	-	-	12	-	1	-	-	2	2	-	-	-	1	3	-	-	4	1	5	1	1	-	-	-
Male	20	6	2	-	-	-	8	-	-	-	-	1	1	-	-	-	-	3	-	-	2	1	1	1	-	-	-	-
Female	14	4	-	-	-	-	4	-	1	-	-	1	1	-	-	-	1	-	-	-	2	2	3	1	1	-	-	-

¹"Mixed" designates a mixture of white and Negro.

TABLE 12.-DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1947

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total	White	Negro	Mixed ¹ and other
	ALL CAUSES	394	32	328	34
	I.--Infectious and parasitic diseases	35	2	30	3
6	Cerebrospinal (meningococcus) meningitis	1	-	1	-
9	Whooping cough	2	-	2	-
12	Tetanus	3	-	3	-
13-22	Tuberculosis (all forms)	15	-	12	3
13	Tuberculosis of respiratory system, etc.*	15	-	12	3
23	Leprosy	1	-	1	-
27	Dysentery	1	1	-	-
30	Syphilis (all forms)	11	1	10	-
30d	Aneurysm of aorta	2	-	2	-
30r	Congenital syphilis	1	-	1	-
30c,e,g	Syphilis (other forms)	6	1	5	-
44	Other infectious and parasitic diseases	1	-	1	-
	II.--Cancer and other tumors	21	3	16	2
45-55	Cancer and other malignant tumors	19	2	15	2
46	Cancer of digestive organs and peritoneum	7	-	6	1
46a	Cancer of esophagus	1	-	1	-
46b	Cancer of stomach	3	-	3	-
46d	Cancer of rectum and anus	1	-	1	-
46e	Cancer of intestine, etc.*	1	-	1	-
46g	Cancer of pancreas	1	-	1	-
47	Cancer of respiratory system	1	-	1	-
47a	Cancer of larynx	1	-	1	-
48	Cancer of uterus	4	1	3	-
48a	Cancer of cervix	3	1	2	-
48b	Cancer of other and unspecified sites of uterus	1	-	1	-
49	Cancer of other female genital organs	1	-	1	-
49c-e	Cancer of other female genital organs	1	-	1	-
50	Cancer of breast	4	-	3	1
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	-	-
56,57	Nonmalignant tumors and tumors of unspecified nature	2	1	1	-
57	Tumors of unspecified nature	2	1	1	-
57d	Tumors, central nervous system* (nature unspecified)	1	-	1	-
57e	Tumors, other organs (nature unspecified)	1	1	-	-
	III.--Rheumatism, diseases of nutrition, etc.*	6	-	6	-
61	Diabetes mellitus	5	-	5	-
63	Pellagra (except alcoholic)	1	-	1	-
	IV.--Diseases of the blood and blood-forming organs	3	-	3	-
73	Anemias (except splenic anemia)	3	-	3	-
73a	Pernicious anemia	1	-	1	-
73b-d	Other anemias (except splenic)	2	-	2	-
	V.--Chronic poisoning and intoxication	2	1	1	-
77	Alcoholism (ethylism)	2	1	1	-
	VI.--Diseases of the nervous system, etc.*	31	3	26	2
80	Encephalitis (nonepidemic)	3	-	2	1
81	Meningitis (not due to meningococcus)	1	-	1	-
83	Intracranial lesions of vascular origin	25	2	22	1
83a	Cerebral hemorrhage or effusion*	25	2	22	1
83b,c	Cerebral embolism, thrombosis, and softening	2	-	2	-
84	Mental diseases and deficiency (see exception)*	2	-	2	-
89	Diseases of ear and mastoid process	1	1	-	-

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

¹"Mixed" designates a mixture of white and Negro.

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TABLE 12.—DEATHS FROM EACH CAUSE, BY RACE: VIRGIN ISLANDS, 1947 —Continued

(Exclusive of stillbirths. Causes for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH	Total	White	Negro	Mixed ¹ and other
	VII.—Diseases of the circulatory system	127	10	109	8
80-85	Diseases of the heart (all forms)	99	9	87	4
90	Pericarditis (except acute rheumatic)	1	-	1	-
90h	Other pericarditis	1	-	1	-
92	Chronic affections of valves and endocardium	5	-	5	-
92a	Diseases of aortic valve, etc.*	1	-	1	-
92b	Diseases of mitral valve, etc.*	3	-	3	-
92d	Other chronic endocarditis, etc.*	1	-	1	-
93	Diseases of the myocardium	62	7	72	5
93a	Acute myocarditis (except rheumatic)	1	-	1	-
93d	Other chronic myocarditis, etc.*	60	7	70	5
93e	Other myocarditis (unspecified)	1	-	1	-
94	Diseases of coronary arteries, angina pectoris	9	1	7	-
94a	Diseases of coronary arteries	9	1	7	-
95	Other diseases of heart	3	-	2	1
95b	Other diseases of heart (rheumatic)	1	-	2	1
95c	Other diseases of heart (not rheumatic)	2	-	2	-
96	Aneurysm (except of heart and aorta)	1	-	1	-
97	Arteriosclerosis (except coronary or renal sclerosis)	24	2	18	4
102	High blood pressure (idiopathic)	3	-	3	-
	VIII.—Diseases of the respiratory system	20	2	15	3
105	Diseases of larynx	1	-	1	-
106	Bronchitis	1	-	1	-
107	Bronchopneumonia (including capillary bronchitis)	8	1	6	1
108	Lobar pneumonia	7	1	5	1
109	Pneumonia (unspecified)	2	-	2	-
109h	Pneumonia (all other, unspecified)	2	-	2	-
114	Other diseases of respiratory system (except tuberculosis)	1	-	1	-
114c-e	Other diseases of respiratory system (except tuberculosis)	1	-	-	1
	IX.—Diseases of the digestive system	44	2	37	5
118	Other diseases of stomach (except cancer)	1	-	1	-
119	Diarrhea, enteritis, etc.* (under 2 years)	29	-	25	4
120	Diarrhea, enteritis, etc.* (2 years and over)	2	1	1	-
121	Appendicitis	2	-	1	1
122	Hernia and intestinal obstruction	4	-	4	-
122a	Hernia	3	-	3	-
122b	Intestinal obstruction	1	-	1	-
123	Other diseases of intestines	2	-	2	-
124	Cirrhosis of liver	4	1	3	-
124b	Cirrhosis of liver without mention of alcoholism	4	1	3	-
	X.—Diseases of the genito-urinary system	20	1	19	-
130	Acute nephritis	2	-	2	-
131	Chronic nephritis	12	-	12	-
131a	Arteriosclerotic kidney	9	-	9	-
131b	Other chronic nephritis	3	-	3	-
133	Other diseases of kidneys, ureters, etc.*	5	1	4	-
137	Diseases of the prostate	1	-	1	-
137a	Hypertrophy of prostate	1	-	1	-
	XI.—Diseases of pregnancy, childbirth, and the puerperium	3	-	2	1
144	Toxemia of pregnancy (death before delivery)	1	-	1	-
147	Infection during childbirth and puerperium	1	-	1	-
149	Other accidents and specified conditions of childbirth	1	-	-	1
	XIII.—Diseases of the bones, etc.*	1	-	1	-
156	Diseases of joints, other organs of movement	1	-	1	-
157	XIV.—Congenital malformations	3	-	2	1
157c,f	Congenital malformations of cardiovascular system	1	-	-	1
157g,h,m	Other congenital malformations	2	-	2	-
	XV.—Diseases peculiar to the first year of life	33	1	29	3
158	Congenital debility (cause not stated)	9	-	6	3
159	Premature birth (cause not stated)	21	1	20	-
161	Other diseases peculiar to first year of life	3	-	3	-
162	XVI.—Semility	27	2	30	5
	XVII.—Violent or accidental deaths	12	3	9	1
163,164	Suicide	3	3	-	-
164	Suicide by other means	3	3	-	-
165-168	Homicide	1	-	1	-
166	Homicide by firearms	1	-	1	-
169-185	Accidental deaths	8	-	7	1
170	Motor-vehicle accidents	2	-	2	-
170c	Automobile accidents (exc. collisions with trains or streetcars)	2	-	2	-
175	Agricultural and forestry accidents	1	-	1	-
175a-c	Agricultural accidents	1	-	1	-
181	Accidental burns (except conflagration)	1	-	1	-
184	Accidental injury by firearms	1	-	1	-
188	Accidental injury by fall or crushing	1	-	1	-
188a	Accidental injury by fall	1	-	1	-
185	Other accidents	2	-	2	-
185d	Obstruction, suffocation, etc.*	1	-	1	-
185c,e	Other and unspecified accidents	1	-	1	-
	XVIII.—Ill-defined and unknown causes	6	2	4	-
200	Ill-defined and unknown causes	6	2	4	-
200a	Ill-defined causes	4	1	3	-
200b,c	Unknown or unspecified causes	2	1	1	-

¹Refer to International List for complete title, Table IX.

²"Mixed" designates a mixture of white and Negro.

³Includes figures for infanticide (165).

TABLE 13.-DEATHS FROM SELECTED CAUSES BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: VIRGIN ISLANDS, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1939 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		ALL CAUSES-----	394	41	32	33	36	36	33	36	25	29	34	18	41
Male-----	207	25	19	20	14	15	19	17	14	16	20	8	22
Female-----	187	16	13	13	22	21	14	19	11	13	14	10	19
Cerebrospinal (meningococcus) meningitis-----6	1	-	-	-	-	1	-	-	-	-	-	-	-
Whooping cough-----9	2	-	-	-	1	1	-	-	-	-	-	-	-
Tuberculosis (all forms)-----13-22	15	-	-	1	3	1	1	1	1	1	3	1	2
Tuberculosis of respiratory system, etc.*-----13	15	-	-	1	3	1	1	1	1	1	3	1	2
Dysentery-----27	1	-	-	-	-	-	-	1	-	-	-	-	-
Syphilis-----30	11	3	1	1	-	3	-	-	1	1	1	-	-
Cancer and other malignant tumors-----45-55	19	5	-	4	2	-	1	1	-	2	4	-	-
Cancer of the digestive organs and peritoneum-----46	7	4	-	2	-	-	1	-	-	-	-	-	-
Cancer of female genital organs-----48,49	5	1	-	-	-	-	-	1	-	1	2	-	-
Cancer of the breast-----50	4	-	-	1	2	-	-	-	-	1	-	-	-
Cancer (other sites)-----45,47,51-55	3	-	-	1	-	-	-	-	-	-	2	-	-
Diabetes mellitus-----61	5	-	-	-	1	-	1	-	1	1	-	-	1
Pellagra (except alcoholic)-----69	1	-	-	-	-	-	-	-	-	-	1	-	-
Alcoholism (ethylish)-----77	2	-	-	-	-	-	-	-	1	-	-	-	1
Intracranial lesions of vascular origin-----83	25	1	1	4	4	-	4	2	2	2	2	1	2
Diseases of the heart-----90-95	99	9	9	7	8	8	6	8	8	9	7	6	14
Chronic rheumatic diseases of the heart-----90a,92b,c,95c,95b	4	-	2	-	-	-	-	-	2	-	-	-	-
Diseases of coronary arteries and angina pectoris-----84	8	-	-	-	1	-	-	1	2	-	1	-	2
Diseases of heart (other forms)-----90b,91,92a,d,e,93a,b,d,e,95a,c	87	9	7	7	7	8	5	7	4	9	6	6	12
Arteriosclerosis and high blood pressure*-----97,102	27	2	4	2	1	2	3	7	-	-	3	-	3
Pneumonia (all forms)-----107-109	17	1	2	3	-	2	3	1	-	2	1	1	1
Bronchopneumonia-----107	8	-	2	2	-	1	1	-	-	1	-	-	1
Lobar pneumonia-----108	7	1	-	1	-	1	1	1	-	-	1	1	-
Pneumonia (unspecified)-----109	2	-	-	-	-	-	1	-	-	1	-	-	-
Diarrhea, enteritis, etc.*-----119,120	31	7	1	2	3	1	1	4	5	1	3	1	2
Appendicitis-----121	2	-	1	-	-	-	-	-	-	-	-	1	-
Hernia and intestinal obstruction-----122	4	-	1	-	-	3	-	-	-	-	-	-	-
Cirrhosis of the liver-----124	4	-	-	-	1	-	-	2	1	-	-	-	-
Nephritis-----130-132	14	2	3	-	2	4	-	1	-	1	-	-	1
Diseases of the prostate-----137	1	-	-	-	-	-	1	-	-	-	-	-	-
Diseases of pregnancy, etc.*-----140-150	3	-	-	-	1	-	1	1	-	-	-	-	-
Puerperal septicemia-----140,142a,145A,147	1	-	-	-	-	-	1	-	-	-	-	-	-
Puerperal toxemia-----141a,c,144,148	1	-	-	-	-	-	-	1	-	-	-	-	-
Hemorrhage, trauma or shock*-----141b,142b,143,146,149	1	-	-	-	1	-	-	-	-	-	-	-	-
Congenital malformations-----157	3	1	-	-	-	2	-	-	-	-	-	-	-
Diseases peculiar to first year of life-----158-161	33	1	1	1	5	5	2	1	-	4	4	2	7
Premature birth-----159	21	1	-	-	1	5	2	1	-	2	3	2	4
Other diseases peculiar to first year of life-----158,160,161	12	-	1	1	4	-	-	-	-	2	1	-	3
Suicide-----163,164	3	-	-	-	-	1	-	1	-	-	-	-	1
Homicide-----165-168	1	-	-	1	-	-	-	-	-	-	-	-	-
Accidental deaths-----169-195	8	1	-	1	-	-	1	1	1	1	1	-	1
Motor-vehicle accidents-----170	2	1	-	-	-	-	-	-	-	-	-	-	1
Other accidents-----169,171-195	6	-	-	1	-	-	1	1	1	1	1	-	-
Semility, ill-defined and unknown causes-----162,199,200	33	6	5	4	3	2	5	3	1	1	2	1	-
All other causes-----	29	2	3	2	1	-	3	1	3	3	2	4	5

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

TABLE 14.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1947

(Exclusive of stillbirths. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

Int. List No.	CAUSE OF DEATH, RACE, AND SEX	Total deaths	Un-der 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-----	394	78	20	2	5	6	3	18	18	29	51	74	59	27	4
White-----Male-----	16	-	2	-	-	-	-	1	1	1	4	2	4	-	1	
White-----Female-----	16	2	-	-	-	1	1	-	-	-	1	3	6	1	-	
Negro-----Male-----	171	42	9	-	2	3	2	8	9	15	20	33	19	7	2	
Negro-----Female-----	157	24	7	2	2	2	-	4	8	12	23	32	24	16	1	
Mixed ¹ and other-----Male-----	20	6	2	-	-	-	-	2	-	-	3	2	3	2	-	
Mixed ¹ and other-----Female-----	14	4	-	-	1	-	-	2	-	1	-	2	3	1	-	
6 Cerebrospinal (meningococcus) meningitis-----	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Negro-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Negro-----Female-----	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 Whooping cough-----	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Negro-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Negro-----Female-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

¹Mixed¹ designates a mixture of white and Negro.

VITAL STATISTICS OF THE UNITED STATES

TABLE 14.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
13-22	Tuberculosis (all forms)-----	15	-	1	-	-	1	-	1	4	4	3	-	1	-	-
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	9	-	-	-	-	-	-	-	4	4	1	-	-	-	-
	Male-----	3	-	1	-	-	1	-	-	-	-	1	-	1	-	-
Female-----	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Mixed ¹ and other-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	Tuberculosis of respiratory system, etc.*-----	15	-	1	-	-	1	-	1	4	4	3	-	1	-	-
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	9	-	-	-	-	-	-	-	4	4	1	-	-	-	-
	Male-----	3	-	1	-	-	1	-	-	-	-	-	-	1	-	-
Female-----	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	
Mixed ¹ and other-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
27	Dysentery-----	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	White-----	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	Syphilis (all forms)-----	11	1	-	-	-	-	-	3	-	2	1	4	-	-	-
	White-----	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	9	1	-	-	-	-	-	3	-	2	-	3	-	-	-
	Male-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45-55	Cancer and other malignant tumors-----	19	-	-	-	-	-	-	2	1	2	6	3	2	1	2
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	2	-	-	-	-	-	-	1	-	-	-	-	1	-	-
	Female-----	6	-	-	-	-	-	-	-	1	3	3	1	-	-	1
	Negro-----	9	-	-	-	-	-	-	-	1	1	3	2	1	1	1
	Male-----	1	-	-	-	-	-	-	1	-	-	1	-	-	-	-
Female-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
46	Cancer of digestive organs and peritoneum-----	7	-	-	-	-	-	-	1	-	1	4	-	-	-	1
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	4	-	-	-	-	-	-	-	-	-	3	-	-	-	1
	Male-----	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Female-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48,49	Cancer of female genital organs-----	5	-	-	-	-	-	-	1	-	-	2	1	-	-	1
	White-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	4	-	-	-	-	-	-	-	-	-	2	1	-	-	1
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50	Cancer of breast-----	4	-	-	-	-	-	-	-	1	-	-	2	-	1	-
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	3	-	-	-	-	-	-	-	-	-	-	1	-	1	-
	Male-----	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Female-----	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45,47, 51-55	Cancer (other sites)-----	3	-	-	-	-	-	-	-	-	1	-	-	2	-	-
	White-----	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	2	-	-	-	-	-	-	-	-	1	-	-	1	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
61	Diabetes mellitus-----	5	-	-	-	-	-	-	-	1	-	3	1	-	-	-
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-
	Male-----	3	-	-	-	-	-	-	-	1	-	1	1	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
69	Pellagra (except alcoholic)-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	White-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other-----	-	-	-	-	-											

SUPPLEMENT-VIRGIN ISLANDS

TABLE 14.-DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1947-Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
90-95	Diseases of the heart	98	1	-	-	1	-	-	4	4	9	14	31	26	8	1
	White	5	-	-	-	-	-	-	-	-	-	1	1	1	-	-
	Female	5	-	-	-	-	-	-	-	-	-	-	2	3	-	-
	Negro	40	1	-	-	-	-	-	2	1	3	6	13	9	4	1
	Female	47	-	-	-	-	-	-	2	3	6	7	14	11	4	-
	Mixed ¹ and other	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Female	2	-	-	-	1	-	-	-	-	-	-	-	1	-	-	
90a, 90b,c, 93c,95b	Chronic rheumatic diseases of the heart	4	-	-	-	1	-	-	2	-	-	1	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	3	-	-	-	-	-	-	2	-	-	1	-	-	-	-
	Mixed ¹ and other	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
94	Diseases of coronary arteries and angina pectoris	8	-	-	-	-	-	-	1	1	2	1	1	-	1	1
	White	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	4	-	-	-	-	-	-	1	1	1	-	-	-	-	1
	Female	3	-	-	-	-	-	-	-	-	1	-	1	-	-	-
	Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
90b,91, 92a,d,e, 93a,b,d,e, 95a,c	Diseases of the heart (other forms)	87	1	-	-	-	-	-	1	3	7	12	30	26	7	-
	White	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
	Female	5	-	-	-	-	-	-	-	-	-	-	2	3	-	-
	Negro	36	1	-	-	-	-	-	1	2	6	6	13	9	4	-
	Female	41	-	-	-	-	-	-	-	3	5	6	13	11	3	-
	Mixed ¹ and other	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Female	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
97,102	Arteriosclerosis and high blood pressure*	27	-	-	-	-	-	-	-	1	1	5	7	8	7	-
	White	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	10	-	-	-	-	-	-	-	-	1	1	4	3	1	-
	Female	11	-	-	-	-	-	-	1	-	1	1	3	3	3	-
	Mixed ¹ and other	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-
Female	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	
107-109	Pneumonia (all forms)	17	10	4	-	-	-	-	-	-	-	1	-	2	-	-
	White	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	11	8	2	-	-	-	-	-	-	-	-	-	1	-	-
	Female	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	Mixed ¹ and other	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
107	Bronchopneumonia	8	6	2	-	-	-	-	-	-	-	-	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
108	Lobar pneumonia	7	5	2	-	-	-	-	-	-	-	1	-	1	-	-
	White	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	4	2	1	-	-	-	-	-	-	-	-	-	1	-	-
	Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
109	Pneumonia (unspecified)	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
119,120	Diarrhea, enteritis, etc.*	31	23	6	-	-	1	-	-	-	-	-	1	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	Negro	15	11	3	-	-	-	-	-	-	-	-	1	-	-	-
	Female	11	8	3	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
121	Appendicitis	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
122	Hernia and intestinal obstruction	4	-	-	-	-	1	-	-	-	1	-	2	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	3	-	-	-	-	-	-	-	-	1	-	2	-	-	-
	Female	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
124	Cirrhosis of the liver	4	-	-	-	-	-	-	-	1	1	2	-	-	-	-
	White	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	Female	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-
	Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
130-132	Nephritis	14	-	-	-	-	-	-	1	2	2	1	3	1	4	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	6	-	-	-	-	-	-	1	2	1	-	1	1	3	-
	Female	8	-	-	-	-	-	-	-	-	1	1	3	-	-	-
	Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

¹Mixed¹ designates a mixture of white and Negro.

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TABLE 14.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
137	Diseases of the prostate-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140-150	Diseases of pregnancy, etc.*-----	5	-	-	-	-	-	-	2	1	-	-	-	-	-	-
	White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	Mixed ¹ and other-----Female-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
140,142a, 145A,147	Puerperal septicemia-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Mixed ¹ and other-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141a,c, 144,148	Puerperal toxemia-----	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	Mixed ¹ and other-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141b,142b, 143,146, 149	Hemorrhage, trauma or shock ⁴ -----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	White-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Female-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
157	Congenital malformations-----	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
158-161	Diseases peculiar to first year-----	33	53	...	...	...	...	...	...	...	...	...	...	...	...	...
	White-----Male-----	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	Negro-----Male-----	17	17	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mixed ¹ and other-----Male-----	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
159	Premature birth-----	21	21	...	...	...	...	...	...	...	...	...	...	...	...	...
	White-----Male-----	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
	Negro-----Male-----	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mixed ¹ and other-----Male-----	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...
158,160, 161	Other diseases peculiar to first year-----	12	12	...	...	...	...	...	...	...	...	...	...	...	...	...
	White-----Male-----	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	-	-	...	...	...	...	...	...	...	...	...	...	...	...	...
	Negro-----Male-----	7	7	...	...	...	...	...	...	...	...	...	...	...	...	...
	Female-----	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
	Mixed ¹ and other-----Male-----	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...
163,164	Suicide-----	3	-	-	-	-	-	1	1	-	-	1	-	-	-	-
	White-----Male-----	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
	Female-----	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	Negro-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165-168	Homicide-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189-195	Accidental deaths-----	8	-	1	-	1	2	-	2	1	1	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	6	-	1	-	-	2	-	1	1	1	-	-	-	-	-
	Female-----	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
170	Motor-vehicle accidents-----	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
169, 171-195	Other accidents-----	6	-	1	-	1	2	-	1	-	1	-	-	-	-	-
	White-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	4	-	1	-	-	2	-	-	-	1	-	-	-	-	-
	Female-----	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-----Male-----	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
162,159, 200	Senility, ill-defined and unknown causes-----	35	1	2	-	-	-	-	1	-	-	2	11	11	5	-
	White-----Male-----	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	3	-	-	-	-	-	-	-	-	-	-	1	2	1	-
	Negro-----Male-----	8	-	-	-	-	-	-	-	-	-	-	5	2	1	-
	Female-----	16	1	1	-	-	-	-	1	-	-	2	3	5	1	-
	Mixed ¹ and other-----Male-----	3	-	-	-	-	-	-	-	-	-	-	1	1	1	-
All other causes	-----	29	4	5	1	3	-	2	-	1	3	6	2	1	-	-
	White-----Male-----	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-----Male-----	15	2	3	-	2	-	2	-	-	1	3	1	1	-	-
	Female-----	9	-	1	1	1	-	-	-	1	2	2	1	-	-	-
	Mixed ¹ and other-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-

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

¹"Mixed" designates a mixture of white and Negro.

TABLE 15.-DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE AND CONTROL: VIRGIN ISLANDS, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total deaths	Deaths not in institutions	Deaths in institutions ¹	TYPE OF SERVICE					TYPE OF CONTROL			
				General hospitals	Tuberculosis hospitals	Other non-resident hospitals and institutions	Mental institutions	Other resident institutions	Federal	City, county	Non-profit	Proprietary
ALL CAUSES	394	143	251	203	...	1	...	46	...	250	-	...
Cerebrospinal (meningococcus) meningitis	6	-	1	1	...	-	...	-	...	1	-	...
Whooping cough	9	2	-	-	...	-	...	-	...	-	-	...
Tuberculosis (all forms)	15-22	15	3	12	9	...	-	...	3	12	-	...
Tuberculosis of respiratory system, etc.*	13	15	3	12	9	...	-	...	3	12	-	...
Dysentery	27	1	-	1	1	...	-	...	-	1	-	...
Syphilis	30	11	2	9	7	...	-	...	1	8	-	...
Cancer and other malignant tumors	45-55	19	7	12	12	...	-	...	-	12	-	...
Cancer of the digestive organs and peritoneum	46	7	3	4	4	...	-	...	-	4	-	...
Cancer of female genital organs	49,49	5	1	4	4	...	-	...	-	4	-	...
Cancer of breast	50	4	1	3	3	...	-	...	-	3	-	...
Cancer (other sites)	45,47,51,55	3	2	1	1	...	-	...	-	1	-	...
Diabetes mellitus	61	5	1	4	4	...	-	...	-	4	-	...
Pellagra (except alcoholic)	69	1	-	1	1	...	-	...	-	1	-	...
Alcoholism (atypical)	77	2	2	-	-	...	-	...	-	-	-	...
Intracranial lesions of vascular origin	83	25	9	16	13	...	-	...	3	16	-	...
Diseases of the heart	90-95	99	47	52	41	...	-	...	11	52	-	...
Chronic rheumatic diseases of the heart	90a, 92b, c, 93c, 95b	8	2	2	2	...	-	...	-	2	-	...
Diseases of coronary arteries and angina pectoris	94	8	4	4	4	...	-	...	-	4	-	...
Diseases of heart (other forms)	90b, 91, 92a, d, e, 93a, b, d, e, 95a, c	87	41	46	35	...	-	...	11	46	-	...
Arteriosclerosis and high blood pressure*	97, 102	27	8	19	13	...	-	...	6	19	-	...
Pneumonia (all forms)	107-109	17	6	11	10	...	-	...	1	11	-	...
Bronchopneumonia	107	8	4	4	4	...	-	...	-	4	-	...
Lobar pneumonia	108	7	1	6	6	...	-	...	-	6	-	...
Pneumonia (unspecified)	109	2	1	1	-	...	-	...	1	1	-	...
Diarrhea, enteritis, etc.*	119, 120	31	10	21	20	...	-	...	1	21	-	...
Appendicitis	121	2	-	2	2	...	-	...	-	2	-	...
Hernia and intestinal obstruction	122	4	-	4	4	...	-	...	-	4	-	...
Cirrhosis of the liver	124	4	3	1	1	...	-	...	-	1	-	...
Nephritis	130-132	14	6	8	7	...	-	...	1	8	-	...
Diseases of the prostate	137	1	-	1	1	...	-	...	-	1	-	...
Diseases of pregnancy, etc.*	140-150	3	-	3	3	...	-	...	-	3	-	...
Puerperal septicemia	140, 142a, 145a, 147	1	-	1	1	...	-	...	-	1	-	...
Puerperal toxemia	141a, c, 144, 148	1	-	1	1	...	-	...	-	1	-	...
Hemorrhage, trauma or shock*	141b, 142b, 143, 146, 149	1	-	1	1	...	-	...	-	1	-	...
Congenital malformations	157	3	-	3	3	...	-	...	-	3	-	...
Diseases peculiar to first year of life	158-161	33	7	26	26	...	-	...	-	26	-	...
Premature birth	159	21	4	17	17	...	-	...	-	17	-	...
Other diseases peculiar to first year of life	158, 160, 161	12	3	9	9	...	-	...	-	9	-	...
Suicide	163, 164	3	3	-	-	...	-	...	-	-	-	...
Homicide	165-168	1	1	-	-	...	-	...	-	-	-	...
Accidental deaths	169-195	8	4	4	4	...	-	...	-	4	-	...
Motor-vehicle accidents	170	2	1	1	1	...	-	...	-	1	-	...
Other accidents	169, 171-195	6	3	3	3	...	-	...	-	3	-	...
Senility, ill-defined and unknown causes	162, 199, 200	33	12	21	3	...	-	...	19	21	-	...
All other causes		29	10	19	17	...	-	...	1	19	-	...

*Refer to International List for complete title, table IX.
¹Includes deaths occurring in institutions of unknown type.

TABLE 16.-DEATHS FROM SELECTED CAUSES: VIRGIN ISLANDS AND ITS SUBDIVISIONS, 1947

(By place of occurrence. 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	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	394	191	7	196	Diarrhea, enteritis, etc.*	31	5	-	26
					Nephritis	14	6	-	8
					Diseases of pregnancy, etc.*	3	2	-	1
					Congenital malformations and diseases peculiar to first year of life (except premature birth)	15	8	-	7
					Premature birth	21	5	-	16
					Suicide	3	1	-	2
					Homicide	1	-	-	1
					Motor-vehicle accidents	2	-	-	2
					Other accidents	6	3	-	3
					Senility, ill-defined and unknown causes	33	29	1	3
					All other causes	69	31	1	37
Cerebrospinal (meningococcus) meningitis	6	1	-	-					
Whooping cough	9	2	-	2					
Tuberculosis (all forms)	15-22	15	7	8					
Dysentery	27	1	1	-					
Syphilis	30	11	6	5					
Cancer and other malignant tumors	45-55	19	15	4					
Diabetes mellitus	61	5	5	-					
Pellagra (except alcoholic)	69	1	1	-					
Intracranial lesions of vascular origin	83	25	13	11					
Diseases of the heart	90-95	99	47	48					
Pneumonia (all forms)	107-109	17	5	12					

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

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TABLE 17.—DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: VIRGIN ISLANDS, 1947

(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	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 mo.	2 mo.	3 mo.	4 mo.	5 mo.	6 mo.	7 mo.	8 mo.	9 mo.	10 mo.	11 mo.
		ALL CAUSES	78	16	3	3	2	6	4	5	39	5	5	4	2	3	2	5	4	1	6	2
Whooping cough	9	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
Syphilis	30	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Diseases of the heart	90-95	1	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Pneumonia (all forms)	107-109	10	-	-	-	-	-	-	1	1	-	2	-	-	-	2	2	-	2	-
Bronchopneumonia, etc.*	107	6	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	2	-
Lobar pneumonia	108	3	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	-
Pneumonia (unspecified)	109	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Other diseases of respiratory system	104-106,110-114	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
Diarrhea, enteritis, etc.*	119	23	-	-	-	2	2	3	7	2	5	1	1	1	1	1	2	-	1	1
Other diseases of digestive system	115,116,118,121,123-129	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Congenital malformations	157	3	-	1	1	1	-	-	3	-	-	-	-	-	-	-	-	-	-	-
Diseases peculiar to first year of life	158-161	33	16	3	2	1	3	2	27	-	-	1	1	-	-	-	-	1	2	1
Congenital debility	158	9	1	2	-	-	-	-	3	-	-	-	-	-	-	-	-	-	1	2
Premature birth	159	21	15	-	1	1	2	2	21	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to first year of life	161	3	-	1	1	-	1	-	3	-	-	-	-	-	-	-	-	-	-	-
Asphyxia (cause not specified), atelectasis	161a	3	-	1	1	-	1	-	3	-	-	-	-	-	-	-	-	-	-	-
Ill-defined and unknown causes	199,200	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
All other causes		1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-

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

TABLE 18.—INFANT MORTALITY RATES FOR SELECTED CAUSES: VIRGIN ISLANDS, 1930-47

(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	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	
ALL CAUSES	89.0	91.8	124.0	101.0	83.0	101.2	112.2	136.2	101.7	152.3	124.1	105.4	170.7	97.4	157.4	133.8	119.2	119.9	
Cerebrospinal (meningococcus) meningitis	6	0	0	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Whooping cough	9	2.3	0	0	6.4	12.4	0	0	3.8	5.7	0	0	0	0	3.5	7.2	0	0	
Tetanus	12	0	0	0	0	0	0	0	0	0	1.4	1.5	0	1.5	1.7	0	0	0	
Tuberculosis of respiratory system, etc.*	13	0	2.2	0	0	0	0	0	0	0	4.1	0	1.5	1.5	0	0	2.1	0	
Dysentery	27	0	0	0	0.9	0	0	0	0	0	1.4	0	0	0	1.7	0	0	0	
Syphilis	30	1.1	2.2	1.0	0	1.1	3.4	0	6.6	3.8	7.1	8.5	9.1	1.5	3.5	1.8	6.3	3.4	
Measles	35	0	0	1.0	0	0	0	0	0	0	0	0	0	0	1.7	0	0	0	
Diseases of thymus gland	64	0	0	0	0	1.1	0	2.6	0	1.4	1.4	0	0	0	0	0	0	0	
Anemias (except splenic anemia) ¹	73	0	0	0	0	1.1	0	4.0	0	0	1.4	0	0	0	0	0	0	0	
Convulsions	86	0	1.1	0	0	1.1	0	0	0	1.4	0	1.5	0	0	0	1.8	0	0	
Pneumonia (all forms)	107-109	11.4	16.4	23.4	22.7	14.0	18.0	14.5	19.8	14.0	19.5	19.3	12.0	22.9	9.1	31.1	12.7	18.8	5.1
Other diseases of the respiratory system ²	104-106,110-114	2.3	1.1	1.0	0.9	0	0	2.6	2.5	0	2.8	1.5	0	1.5	5.2	10.8	0	3.4	
Ulcer of stomach or duodenum ³	117	0	0	0	0	0	2.4	0	1.2	1.4	0	0	1.5	0	1.7	0	0	0	
Diarrhea, enteritis, etc.*	119	26.3	26.2	48.8	29.3	26.9	31.5	37.4	48.9	29.2	46.9	30.3	40.7	83.8	28.9	45.0	27.1	39.7	65.9
Intestinal obstruction	122b	0	4.4	1.0	0.9	1.1	0	0	0	0	1.4	0	0	1.5	0	0	0	0	0
Congenital malformations	157	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	5.1
Premature birth	159	24.0	13.1	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	28.9	18.8	16.9
Injury at birth	160	0	0	0	0.9	2.1	0	0	1.3	2.5	5.7	4.1	4.5	1.5	3.5	1.8	2.1	8.4	8.4
Congenital debility and other diseases peculiar to first year ⁴	158,161	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	3.4
Other violence or accident	166-161,183-195	0	3.3	1.0	3.8	0	0	2.4	1.3	0	0	0	0	3.0	3.5	0	2.1	0	0
Ill-defined and unknown causes	199,200	1.1	2.2	3.0	0.9	0	0	0	1.3	2.8	4.1	1.5	1.5	1.5	1.7	9.0	8.4	5.1	5.1
All other causes		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	8.7	9.0	2.1	3.4

¹Includes splenic anemia previous to 1940. ²Previous to 1939, rates are for bronchitis only. ³Previous to 1943, included other diseases of the stomach (except cancer). ⁴Previous 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, 1947

(By place of occurrence. Deaths exclusive of stillbirths)

AREA (SEX FOR ALASKA ONLY)	Live births	Deaths (all ages)	Deaths under 1 year	Stillbirths ¹
ALASKA-----	2,701	1,165	172	36
Male-----	1,407	843	102	18
Female-----	1,294	322	70	18
First Judicial Division-----	731	359	26	9
Second Judicial Division-----	360	163	45	3
Third Judicial Division-----	1,093	361	45	20
Fourth Judicial Division-----	517	263	56	4

¹Includes 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, 1947

(By place of occurrence)

AREA	Total births	White	Native	All other
ALASKA-----	2,701	1,623	1,042	36
First Judicial Division-----	731	459	249	24
Second Judicial Division-----	360	26	333	1
Third Judicial Division-----	1,093	857	228	8
Fourth Judicial Division-----	517	282	232	3

TABLE 3.—LIVE BIRTHS BY SEX AND MONTH: ALASKA, 1947

SEX	Total births	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL-----	2,701	244	208	220	213	215	224	246	206	232	235	209	249
Male-----	1,407	130	113	117	112	111	110	120	107	115	112	119	141
Female-----	1,294	114	95	103	101	104	114	126	99	117	123	90	108

TABLE 4.—NUMBER AND PERCENT OF LIVE BIRTHS, BY PERSON IN ATTENDANCE: ALASKA AND ITS SUBDIVISIONS, AND BY RACE, ALASKA, 1947

(By place of occurrence)

AREA (RACE FOR ALASKA ONLY)	Total births	NUMBER ATTENDED BY--				Total percent	PERCENT ATTENDED BY--			
		Physician in hospital	Physician not in hospital	Midwife	Other and not specified		Physician in hospital	Physician not in hospital	Midwife	Other and not specified
ALASKA-----	2,701	2,028	81	283	309	100.0	75.1	3.0	10.5	11.4
White-----	1,623	1,569	41	6	7	100.0	96.7	2.5	0.4	0.4
Native-----	1,042	432	39	276	295	100.0	41.5	3.7	26.5	28.3
All other-----	36	27	1	1	7	100.0	75.0	2.8	2.9	19.4
First Judicial Division-----	731	595	53	27	56	100.0	81.4	7.3	3.7	7.7
Second Judicial Division-----	360	81	3	158	118	100.0	22.5	0.8	43.9	32.8
Third Judicial Division-----	1,093	969	21	58	45	100.0	88.7	1.9	5.3	4.1
Fourth Judicial Division-----	517	383	4	40	90	100.0	74.1	0.8	7.7	17.4

TABLE 5.—LIVE BIRTHS BY RACE AND AGE OF MOTHER: ALASKA, 1947

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-----	2,701	-	254	869	724	519	260	61	6	-	8
White-----	1,623	-	113	540	478	327	139	25	1	-	1
Native-----	1,042	-	137	315	236	187	120	35	5	-	7
All other-----	36	-	4	14	10	5	2	1	-	-	-

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TABLE 6.—LIVE BIRTHS BY BIRTH ORDER AND AGE OF MOTHER: ALASKA, 1947

(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-----	2,701	-	254	969	724	519	260	61	6	-	8	
First child-----	933	-	189	394	218	108	31	5	-	-	1	
Second child-----	639	-	51	253	178	103	43	10	-	-	1	
Third child-----	373	-	12	136	111	66	43	2	1	-	2	
Fourth child-----	224	-	3	47	79	65	25	4	-	-	1	
Fifth child-----	121	-	-	21	30	32	15	3	-	-	-	
Sixth child-----	101	-	-	5	46	39	7	2	2	-	-	
Seventh child-----	63	-	-	2	16	31	10	3	-	-	1	
Eighth child-----	65	-	-	1	14	27	16	5	1	-	1	
Ninth child-----	39	-	-	-	3	15	14	6	1	-	-	
Tenth child-----	30	-	-	-	3	10	13	3	1	-	-	
Eleventh child-----	25	-	-	-	-	7	15	3	-	-	-	
Twelfth child-----	23	-	-	-	-	3	9	11	-	-	-	
Thirteenth child and over-----	24	-	-	-	-	3	16	5	-	-	-	
Not stated-----	41	-	-	20	6	10	3	1	-	-	1	

TABLE 7.—LIVE BIRTHS BY RACE AND BIRTH ORDER: ALASKA, 1947

(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-----	2,701	955	639	373	224	121	101	63	65	39	30	25	23	24	41	
White-----	1,623	723	480	237	99	34	13	7	5	4	2	1	1	1	16	
Native-----	1,042	202	150	130	122	66	86	54	58	34	28	24	22	23	23	
All other-----	36	8	9	6	3	1	2	2	2	1	-	-	-	-	2	

TABLE 8.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: ALASKA, 1947

(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 cases is necessarily less than total 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-----	2,701	2,680	2,658	22	21	1
White-----	1,623	1,612	1,600	12	12	-
Native-----	1,042	1,032	1,022	10	9	1
All other-----	36	36	36	-	-	-

TABLE 9.—DEATHS BY RACE: ALASKA AND ITS SUBDIVISIONS, 1947

(By place of occurrence. Exclusive of stillbirths)

AREA	Total deaths	White	Native	All other
ALASKA-----	1,185	632	518	15
First Judicial Division-----	358	249	103	6
Second Judicial Division-----	183	16	165	2
Third Judicial Division-----	361	244	111	6
Fourth Judicial Division-----	263	123	139	1

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TABLE 12.—DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1947

(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-----	1,165	632	518	15
	I.—Infectious and parasitic diseases-----	274	28	243	3
6	Cerebrospinal (meningococcus) meningitis-----	3	-	3	-
10	Diphtheria (infection by C. diphtheriae)-----	1	-	1	-
11	Erysipelas-----	1	-	1	-
13-22	Tuberculosis (all forms)-----	222	21	199	2
13	Tuberculosis of respiratory system, etc.*-----	186	18	166	2
14	Tuberculosis of meninges, etc.*-----	24	2	22	-
15	Tuberculosis of intestines and peritoneum-----	1	-	1	-
16	Tuberculosis of vertebral column-----	1	-	1	-
17	Tuberculosis of bones and joints, etc.*-----	3	-	3	-
20	Tuberculosis of genito-urinary system-----	2	-	2	-
22	Disseminated tuberculosis-----	5	1	4	-
24	Septicemia and purulent infection (nonpuerperal)-----	1	1	-	-
25	Gonococcus infection-----	1	-	1	-
27	Dysentery-----	8	-	8	-
30	Syphilis (all forms)-----	9	5	3	1
30a	Locomotor ataxia (tabes dorsalis)-----	1	-	1	-
30d	Aneurysm of aorta-----	3	2	-	1
30f	Congenital syphilis-----	1	-	1	-
30c,e,g	Syphilis (other forms)-----	4	3	1	-
33	Influenza-----	25	1	24	-
36	Poliomyelitis and poliоencephalitis (acute)-----	1	-	1	-
39	Other diseases due to filtrable viruses-----	1	-	1	-
44	Other infectious and parasitic diseases-----	1	-	1	-
	II.—Cancer and other tumors-----	61	46	15	-
45-55	Cancer and other malignant tumors-----	59	45	14	-
45	Cancer of buccal cavity and pharynx-----	3	2	1	-
45f	Cancer of pharynx-----	3	2	1	-
46	Cancer of digestive organs and peritoneum-----	29	24	5	-
46b	Cancer of stomach-----	10	9	1	-
46d	Cancer of rectum and anus-----	4	3	1	-
46e	Cancer of intestines, etc.*-----	11	10	1	-
46f	Cancer of liver and biliary passages-----	3	2	1	-
46g	Cancer of pancreas-----	1	1	-	-
47	Cancer of respiratory system-----	6	5	1	-
47a	Cancer of larynx-----	1	1	-	-
47b,c	Cancer of trachea and bronchus-----	2	2	-	-
47d	Cancer of lung-----	3	2	1	-
48	Cancer of uterus-----	5	3	2	-
48a	Cancer of cervix-----	2	2	-	-
48b	Cancer of other and unspecified sites of uterus-----	3	1	2	-
49	Cancer of other female genital organs-----	1	-	1	-
49a,b	Cancer of ovary, fallopian tube, and parametrium-----	1	-	1	-
50	Cancer of breast-----	4	3	1	-
51	Cancer of male genital organs-----	6	6	-	-
51b	Cancer of prostate-----	6	6	-	-
52	Cancer of urinary organs-----	1	-	1	-
52a	Cancer of kidney-----	1	-	1	-
54	Cancer of central nervous system*-----	1	1	-	-
55	Cancer of other and unspecified organs-----	3	1	2	-
56,57	Nonmalignant tumors and tumors of unspecified nature-----	2	1	1	-
57	Tumors of unspecified nature-----	2	1	1	-
57d	Tumors, central nervous system* (nature unspecified)-----	1	1	-	-
57e	Tumors, other organs (nature unspecified)-----	1	-	1	-
	III.—Rheumatism, diseases of nutrition, etc.*-----	8	7	1	-
59	Chronic rheumatism, other rheumatic diseases-----	1	-	1	-
61	Diabetes mellitus-----	5	5	-	-
64	Diseases of thymus gland-----	1	1	-	-
71	Other avitaminoses-----	1	1	-	-
	IV.—Diseases of the blood and blood-forming organs-----	3	2	1	-
74	Leukemias and aleukemias-----	3	2	1	-
74a	Leukemias-----	3	2	1	-
	V.—Chronic poisoning and intoxication-----	10	8	2	-
77	Alcoholism (ethylism)-----	10	8	2	-
	VI.—Diseases of the nervous system, etc.*-----	65	48	17	-
80	Encephalitis (nonepidemic)-----	3	1	2	-
81	Meningitis (not due to meningococcus)-----	3	-	3	-
82	Diseases of spinal cord (see exceptions)*-----	1	1	-	-
83	Intracranial lesions of vascular origin-----	50	41	9	-
83a	Cerebral hemorrhage or effusion*-----	42	35	7	-
83b,c	Cerebral embolism, thrombosis, and softening-----	5	5	-	-
83d	Hemiplegia, other paralysis, etc.*-----	3	1	2	-
84	Mental diseases and deficiency (see exception)*-----	1	1	-	-
86	Convulsions (under 5 years)-----	2	-	2	-
87	Other diseases of nervous system-----	4	3	1	-
89	Diseases of ear and mastoid process-----	1	1	-	-
	VII.—Diseases of the circulatory system-----	206	177	27	2
90-95	Diseases of the heart (all forms)-----	193	166	28	2
90	Pericarditis (except acute rheumatic)-----	2	2	-	-
90b	Other pericarditis-----	2	2	-	-
91	Acute endocarditis (except rheumatic)-----	1	1	-	-
91a,b	Bacterial, acute, and subacute endocarditis-----	1	1	-	-
92	Chronic affections of valves and endocardium-----	14	10	4	-
92a	Diseases of aortic valve, etc.*-----	1	-	1	-
92b	Diseases of mitral valve, etc.*-----	3	2	1	-
92c	Chronic rheumatic endocarditis, etc.*-----	1	1	-	-
92d	Other chronic endocarditis, etc.*-----	9	7	2	-

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

TABLE 12.—DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1947—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					
Diseases of the heart (all forms)—Continued					
93	Diseases of the myocardium-----	70	60	10	-
93a	Acute myocarditis (except rheumatic)-----	3	2	1	-
93b	Myocarditis (unspecified, under 45 years)-----	2	1	1	-
93c	Chronic rheumatic myocarditis, etc.*-----	1	-	1	-
93d	Other chronic myocarditis, etc.*-----	52	49	3	-
93e	Other myocarditis (unspecified)-----	12	8	4	-
94	Diseases of coronary arteries, angina pectoris-----	84	79	3	2
94a	Diseases of coronary arteries-----	83	78	3	2
94b	Angina pectoris-----	1	1	-	-
95	Other diseases of heart-----	22	14	8	-
95a	Functional diseases of heart, etc.*-----	1	-	1	-
95b	Other diseases of heart (rheumatic)-----	8	3	5	-
95c	Other diseases of heart (not rheumatic)-----	13	11	2	-
96	Aneurysm (except of heart and aorta)-----	2	2	-	-
97	Arteriosclerosis (except coronary or renal sclerosis)-----	5	5	-	-
100	Diseases of veins-----	1	-	1	-
102	High blood pressure (idiopathic)-----	4	4	-	-
103	Other diseases of circulatory system-----	1	-	1	-
VIII.—Diseases of the respiratory system-----		72	16	52	2
104	Diseases of nasal fossae, accessory sinuses-----	2	1	-	1
106	Bronchitis-----	2	1	1	-
107	Bronchopneumonia (including capillary bronchitis)-----	24	8	15	1
108	Lobar pneumonia-----	9	2	7	-
109	Pneumonia (unspecified)-----	32	3	29	-
109B	Pneumonia (all other, unspecified)-----	32	3	29	-
111	Hemorrhagic infarction, thrombosis, edema*-----	2	2	-	-
114	Other diseases of respiratory system (except tuberculosis)-----	1	1	-	-
114c-e	Other diseases of respiratory system (except tuberculosis)-----	1	1	-	-
IX.—Diseases of the digestive system-----		57	26	30	1
115	Diseases of buccal cavity and adnexa, etc.*-----	3	1	2	-
117	Ulcer of stomach or duodenum-----	3	2	-	1
117a	Ulcer of stomach-----	2	1	-	1
117b	Ulcer of duodenum-----	1	1	-	-
118	Other diseases of stomach (except cancer)-----	8	4	4	-
119	Diarrhea, enteritis, etc.* (under 2 years)-----	14	1	13	-
120	Diarrhea, enteritis, etc.* (2 years and over)-----	2	1	1	-
121	Appendicitis-----	6	1	5	-
122	Hernia and intestinal obstruction-----	3	1	2	-
122a	Hernia-----	2	1	1	-
122b	Intestinal obstruction-----	1	-	1	-
123	Other diseases of intestines-----	2	2	-	-
124	Cirrhosis of liver-----	6	6	2	-
124a	Cirrhosis of liver with mention of alcoholism-----	2	2	-	-
124b	Cirrhosis of liver without mention of alcoholism-----	6	4	2	-
125	Other diseases of liver-----	2	2	-	-
126	Biliary calculi-----	2	2	-	-
128	Diseases of pancreas (except diabetes mellitus)-----	2	2	-	-
129	Peritonitis (cause not stated)-----	2	1	1	-
X.—Diseases of the genito-urinary system-----		18	16	2	-
131	Chronic nephritis-----	11	10	1	-
131a	Arteriosclerotic kidney-----	7	7	-	-
131b	Other chronic nephritis-----	4	3	1	-
132	Nephritis unspecified (10 years and over)-----	4	4	-	-
134	Calculi of urinary passages-----	1	-	1	-
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-----		4	2	2	-
142	Ectopic gestation-----	1	1	-	-
142a	Ectopic gestation, with mention of infection-----	1	1	-	-
144	Toxemias of pregnancy (death before delivery)-----	1	1	-	-
146	Puerperal toxemias (excluding death before delivery)-----	1	-	1	-
149	Other accidents and specified conditions of childbirth-----	1	-	1	-
XIV.—Congenital malformations-----		9	6	3	-
157a-d	Congenital malformations of central nervous system-----	2	1	1	-
157e,f	Congenital malformations of cardiovascular system-----	3	2	1	-
157g,h,m	Other congenital malformations-----	4	3	1	-
XV.—Diseases peculiar to first year of life-----		58	29	29	-
158	Congenital debility (cause not stated)-----	12	1	11	-
159	Premature birth (cause not stated)-----	34	20	14	-
160	Injury at birth-----	4	3	1	-
161	Other diseases peculiar to the first year of life-----	8	5	3	-
162	XVI.—Senility-----	28	16	12	-
XVII.—Violent or accidental deaths-----		226	168	52	6
163,164	Suicide-----	17	14	3	-
163	Suicide by poisoning-----	1	1	-	-
164	Suicide by other means-----	16	13	3	-
165-168	Homicide-----	8	6	1	1
166	Homicide by firearms-----	3	2	-	1
167	Homicide by cutting or piercing instruments-----	4	3	1	-
168	Homicide by other means-----	1	1	-	-

*Refer to International List for complete title, table IX.
 †Includes figures for infanticide (165).

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TABLE 12.—DEATHS FROM EACH CAUSE, BY RACE: ALASKA, 1947—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					
169-195	Accidental deaths	201	148	48	5
169	Railway accidents (except collisions with motor vehicles)	2	2	-	-
170	Motor-vehicle accidents	4	4	-	-
170c	Automobile accidents (except collisions with trains or streetcars)	4	4	-	-
172	Water-transport accidents	12	10	2	-
173	Air-transport accidents	57	57	-	-
174	Accidents in mines and quarries	2	2	-	-
176	Other accidents involving machinery	7	6	-	1
177	Food poisoning	3	-	3	-
178	Accidental absorption of poisonous gas	3	3	-	-
179	Acute accidental poisoning by solids or liquids	2	2	-	-
180	Conflagration	9	7	2	-
181	Accidental burns (except conflagration)	6	5	1	-
182	Accidental mechanical suffocation	7	4	3	-
183	Accidental drowning	45	22	22	1
184	Accidental injury by firearms	8	6	2	-
185	Accidental injury by cutting or piercing instruments	1	1	-	-
186	Accidental injury by fall or crushing	9	8	1	-
186a	Accidental injury by fall	7	6	1	-
186b	Accidental injury by crushing	2	2	-	-
189	Excessive cold	7	7	-	-
193	Accidents due to electric currents (except lightning)	5	3	2	-
195	Other accidents	14	4	7	3
195d	Obstruction, suffocation, etc.*	3	-	3	-
195e,c	Other and unspecified accidents	11	4	4	3
XVIII.—Ill-defined and unknown causes					
200	Ill-defined and unknown causes	66	35	30	1
200a	Ill-defined causes	34	28	6	-
200b,c,	Unknown or unspecified causes	32	7	24	1

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

TABLE 13.—DEATHS FROM SELECTED CAUSES, BY MONTH, AND FROM ALL CAUSES BY SEX AND MONTH: ALASKA, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown.)

CAUSE OF DEATH (SEX FOR ALL CAUSES ONLY)	Total deaths	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		ALL CAUSES	1,165	92	87	105	114	112	93	98	104	102	88	89	81
Male	843	62	62	71	76	86	67	65	85	76	69	68	56
Female	322	30	25	34	38	26	26	33	19	26	19	21	25
Cerebrospinal (meningococcus) meningitis	6	1	1	-	1	-	-	-	-	-	-	-	-
Diphtheria	10	1	-	1	-	-	-	-	-	-	-	-	-
Tuberculosis (all forms)	13-22	222	31	16	25	21	18	19	17	16	5	17	15
Tuberculosis of respiratory system, etc.*	13	186	26	14	21	15	21	18	14	12	13	6	14
Tuberculosis (other forms)	14-22	36	5	2	4	6	-	5	5	3	-	3	3
Dysentery	27	6	-	-	1	-	1	3	-	2	1	-	-
Syphilis	30	9	1	1	1	1	3	-	1	-	1	-	-
Polioencephalitis (acute)	36	1	-	-	-	-	-	-	-	-	1	-	-
Cancer and other malignant tumors	45-55	59	3	4	6	6	7	6	5	4	3	6	3
Cancer of the digestive organs and peritoneum	46	29	1	2	3	4	6	3	2	2	-	4	-
Cancer of female genital organs	48,49	6	-	-	2	-	1	-	-	1	1	-	1
Cancer of the breast	50	4	1	-	-	1	-	-	1	-	-	1	-
Cancer (other sites)	45,47,51-55	20	1	2	1	1	2	4	2	1	2	1	2
Diabetes mellitus	61	5	1	1	1	-	1	-	-	-	1	-	-
Alcoholism (ethylishm)	77	10	1	2	1	-	2	1	3	-	-	-	-
Intracranial lesions of vascular origin	83	50	6	5	-	4	6	7	6	2	5	4	4
Diseases of the heart	90-95	193	14	20	15	12	26	16	17	14	21	16	11
Chronic rheumatic diseases of the heart	90a,92b,c,93c,95b	13	1	1	-	1	4	2	2	1	1	-	-
Diseases of coronary arteries and angina pectoris	94	84	8	7	4	2	11	5	9	6	10	9	7
Diseases of the heart (other forms)	90b,91,92a,d,e,93a,b,d,e,95a,c	96	5	12	11	9	11	9	6	8	10	6	4
Arteriosclerosis and high blood pressure*	97-102	9	-	-	4	-	-	-	1	3	-	1	-
Pneumonia (all forms) and influenza	107-109,33	90	6	7	11	18	5	6	3	9	7	3	6
Bronchopneumonia	107	24	2	3	1	3	1	1	1	2	2	5	2
Lobar pneumonia	108	9	-	-	1	1	-	-	1	2	1	1	1
Pneumonia (unspecified)	109	32	2	3	5	4	1	5	3	-	2	2	2
Influenza	33	25	2	1	4	12	-	-	2	2	-	1	1
Ulcer of stomach or duodenum	117	3	-	-	-	-	2	-	-	-	1	-	-
Diarrhea, enteritis, etc.*	119,120	16	-	-	-	3	2	1	6	1	1	1	1
Appendicitis	121	6	1	-	1	-	-	2	1	-	-	1	-
Hernia and intestinal obstruction	122	3	-	1	-	-	1	-	-	1	-	-	-
Cirrhosis of the liver	124	8	-	-	-	2	-	2	-	-	-	1	1
Biliary calculi, etc.*	126,127	2	-	-	-	1	-	-	-	-	-	-	-
Hepatitis	130-132	15	2	-	4	-	2	2	-	-	1	2	1
Diseases of the prostate	137	1	-	-	-	-	-	1	-	-	-	-	-
Diseases of pregnancy, etc.*	140-150	4	1	-	-	1	-	-	1	1	-	-	-
Puerperal septicemia	140,142a,145A,147	1	1	-	-	-	-	-	-	-	-	-	-
Puerperal toxemia	141a,c,144,148	2	-	-	-	1	-	-	1	-	-	-	-
Hemorrhage, trauma or shock*	141b,142b,143,146,149	1	-	-	-	-	-	-	-	1	-	-	-
Congenital malformations	157	9	-	2	1	-	-	-	1	-	-	2	-
Diseases peculiar to first year of life	158-161	58	-	4	7	5	3	4	6	5	15	3	4
Premature birth	159	34	-	1	4	4	2	1	1	5	3	3	3
Other diseases peculiar to first year of life	158,160,161	24	-	3	3	1	1	3	5	-	7	-	1
Suicide	163,164	17	3	1	1	1	3	-	1	1	2	-	4
Homicide	165-168	8	-	1	1	1	-	-	2	1	1	1	-
Accidental deaths	169-195	201	8	11	12	14	16	11	14	29	10	32	24
Motor-vehicle accidents	170	4	-	1	-	-	-	1	-	1	-	-	1
Other accidents	169,171-195	197	8	10	12	14	16	10	14	28	10	32	23
Semifity, ill-defined and unknown causes	162,198,200	94	8	7	7	10	7	6	7	9	9	7	10
All other causes		60	5	3	11	8	6	6	2	2	7	2	5

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

TABLE 14.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1947

(Exclusive of stillbirths. Causes in the selected list (table 11, 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	1,165	172	65	51	21	42	62	133	104	112	133	159	101	24	6
	White—Male	542	34	1	1	1	15	26	60	54	73	73	117	69	13	5
	White—Female	90	15	1	2	1	-	2	11	12	7	17	15	6	1	-
	Native—Male	287	66	35	16	7	13	18	29	25	18	22	21	13	2	2
	Native—Female	251	55	27	11	12	13	16	32	13	13	13	4	13	8	1
	All other—Male	14	2	-	1	-	1	-	1	-	1	6	2	-	-	-
	All other—Female	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
6	Cerebrospinal (meningococcus) meningitis	3	-	2	-	-	-	-	1	-	-	-	-	-	-	-
	White—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Male	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-
	Native—Female	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Diphtheria	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	White—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Male	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	Native—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13-22	Tuberculosis (all forms)	222	13	23	14	13	20	24	43	22	19	15	11	4	-	1
	White—Male	18	1	-	-	-	-	-	1	1	2	4	7	2	-	-
	White—Female	3	1	-	1	-	-	-	-	-	1	-	-	-	-	-
	Native—Male	108	6	14	7	4	11	13	18	13	11	7	2	1	-	1
	Native—Female	91	5	9	6	9	9	11	23	8	5	3	2	1	-	-
	All other—Male	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of respiratory system, etc.*	186	5	10	11	13	19	22	41	18	18	14	10	4	-	1
	White—Male	17	-	-	-	-	-	-	1	1	2	4	7	2	-	-
	White—Female	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	Native—Male	94	4	8	5	4	11	12	17	11	11	7	2	1	-	1
	Native—Female	72	1	2	5	9	8	10	22	6	5	2	1	1	-	-
	All other—Male	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-22	Tuberculosis (other forms)	36	8	13	3	-	1	2	2	4	1	1	1	-	-	-
	White—Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-
	Native—Male	14	2	6	2	-	-	1	1	2	-	-	-	-	-	-
	Native—Female	19	4	7	1	-	1	1	1	2	-	1	1	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Dysentery	8	5	3	7	-	-	-	-	-	-	-	-	-	-	-
	White—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Male	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Female	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Syphilis	9	-	1	-	-	-	-	-	2	1	5	-	-	-	-
	White—Male	3	-	-	-	-	-	-	-	1	1	1	-	-	-	-
	White—Female	2	-	-	-	-	-	-	-	-	1	2	-	-	-	-
	Native—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Female	3	-	1	-	-	-	-	1	-	1	-	-	-	-	-
	All other—Male	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Poliomyelitis, poliomyelitis (acute)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	White—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Male	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	Native—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45-55	Cancer and other malignant tumors	59	-	-	-	-	-	1	1	4	7	13	19	11	2	1
	White—Male	35	-	-	-	-	-	-	1	1	2	5	16	8	2	1
	White—Female	10	-	-	-	-	-	-	-	2	3	3	2	-	-	-
	Native—Male	6	-	-	-	-	-	-	-	1	1	2	1	2	-	-
	Native—Female	8	-	-	-	-	-	1	1	1	2	3	1	1	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
46	Cancer of the digestive organs and peritoneum	29	-	-	-	-	-	-	-	1	-	9	12	6	1	-
	White—Male	22	-	-	-	-	-	-	-	-	-	5	11	5	1	-
	White—Female	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	Native—Male	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-
	Native—Female	3	-	-	-	-	-	-	1	-	-	2	-	-	-	-
	All other—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48,49	Cancer of female genital organs	6	-	-	-	-	-	1	-	-	4	1	-	-	-	-
	White—Female	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-
	Native—Female	3	-	-	-	-	-	1	-	-	1	1	-	-	-	-
	All other—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Cancer of the breast	4	-	-	-	-	-	-	-	-	1	2	1	-	-	-
	White—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White—Female	3	-	-	-	-	-	-	-	-	-	2	1	-	-	-
	Native—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	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 14.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
45,47, 51-55	Cancer and other malignant tumors—Continued															
	Cancer (other sites)-----	20							1	3	2	1	6	5	1	1
	White-----	13							1	2	2		5	3	1	1
	Female-----	2								2						
	Native-----	4								1			1	1		
	Female-----	1												1		
61	All other-----															
	Female-----															
	Diabetes mellitus-----	5									2	1	2			
	White-----	5									2	1	2			
	Female-----															
	Native-----															
77	All other-----															
	Female-----															
	Alcoholism (ethylinism)-----	10							3	2	4	1				
	White-----	7							1	1	4	1				
	Female-----	1							1							
	Native-----															
85	Female-----	2							1	1						
	Other-----															
	Female-----															
	Intracranial lesions of vascular origin-----	50			1					3	3	10	18	13	2	
	White-----	29								1	2	5	11	9	1	
	Female-----	12								2	3	5	6	1		
90-95	Native-----	6			1							1	1	3		
	Female-----	3														
	All other-----															
	Female-----															
	Diseases of the heart-----	193			2	1	1	3	3	17	33	39	59	30	3	2
	White-----	147						2	1	14	27	29	47	25		2
90a,92b,c, 93c,95b	Female-----	19							2	3	5	4	3	1		
	Native-----	14							1	1	3	7	1	1		
	Female-----	11			2	1	1	1		2	1	1	1	2		
	All other-----	2									1	1				
	Female-----															
	94	Chronic rheumatic diseases of the heart-----	13			2	1	1	2	1	2	2	1			
White-----		5						1	1	1	1					
Female-----		1							1							
Native-----		1									1					
Female-----		6			2	1	1			1	1					
All other-----																
94	Female-----															
	Diseases of coronary arteries and angina pectoris-----	84								11	20	23	16	12		2
	White-----	72								11	18	18	13	10		2
	Female-----	7									1	3	1	2		
	Native-----	3									1	1	1			
	Female-----											1	1			
90b,91, 92a,d,e, 93a,b,d,e, 95a,c	All other-----	2														
	Female-----															
	Diseases of the heart (other forms)-----	96						2	1	5	11	14	42	18	3	
	White-----	70						1	2	8	11	33	15			
	Female-----	11							1	2	2	3	1			
	Native-----	10								1	1	6	1	1		
97,102	Female-----	5						1			1		1	2		
	All other-----															
	Female-----															
	Arteriosclerosis and high blood pressure*-----	9										2	3	2	1	
	White-----	8									1	2	2	1		
	Female-----	1											1			
107-109,33	Native-----															
	Female-----															
	All other-----															
	Female-----															
	Pneumonia (all forms) and influenza-----	90	37	13	2	1	1	1	2	4	3	7	7	6	5	1
	White-----	11	1	1							1	2	1	3	1	1
107	Female-----	3	3													
	Native-----	49	22	8	2	1	1	1	1	4	2	3	4	1	1	
	Female-----	26	10	4		1	1	1			2	2	2	3		
	All other-----	1	1													
	Female-----															
	Bronchopneumonia-----	24	13	3			1				1	1		4	1	
108	White-----	6									1	1		3	1	
	Female-----	2	2													
	Native-----	7	6	1												
	Female-----	8	4	2			1							1		
	All other-----	1	1													
	Female-----															
109	Lobar pneumonia-----	9		2				1		2	1	1	1			
	White-----	2										1				
	Female-----															
	Native-----	6		2				1		2	1					
	Female-----	1											1			
	All other-----															
109	Female-----															
	Pneumonia (unspecified)-----	32	19	5	1				2	1		1	2		1	
	White-----	2	1	1												
	Female-----	1	1													
	Native-----	19	12	2	1				1	1		1	1			
	Female-----	10	5	2					1				1		1	

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

TABLE 14.—DEATHS FROM SELECTED CAUSES, BY AGE, RACE, AND SEX: ALASKA, 1947—Continued

(Exclusive of stillbirths. Causes in the selected list (table 11, 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
33	Pneumonia (all forms) and influenza—Continued															
	Influenza	25	5	3	1	1				1	1	4	4	2	3	
	White—Male	1											1			
	White—Female	1														
	Native—Male	17	4	3	1					1	1	2	5	1	1	
	Native—Female	7	1			1						2		1	2	
	All other—Male															
	All other—Female															
117	Ulcer of stomach or duodenum	5								1			2			
	White—Male	2								1			1			
	White—Female															
	Native—Male															
	Native—Female															
	All other—Male	1											1			
	All other—Female															
119,120	Diarrhea, enteritis, etc.*	26	13	2				1								
	White—Male	2	1					1								
	White—Female							1								
	Native—Male	6	5	1												
	Native—Female	8	7	1												
	All other—Male															
	All other—Female															
121	Appendicitis	6		1	1			1	1			2				
	White—Male	1										1				
	White—Female															
	Native—Male	5		1	1							1				
	Native—Female	2						1	1							
	All other—Male															
	All other—Female															
122	Hernia and intestinal obstruction	3				1			1	1						
	White—Male	1				1										
	White—Female															
	Native—Male															
	Native—Female	2							1	1						
	All other—Male															
	All other—Female															
124	Cirrhosis of the liver	8							1	2		1	3	1		
	White—Male	4							1	1			2			
	White—Female	2								1			1			
	Native—Male	2										1		1		
	Native—Female															
	All other—Male															
	All other—Female															
126,127	Biliary calculi, etc.*	2									1	1				
	White—Male	1									1					
	White—Female	1										1				
	Native—Male															
	Native—Female															
	All other—Male															
	All other—Female															
130-132	Nephritis	15							2	1		2	5	5		
	White—Male	15							1	1		2	5	4		
	White—Female	1														
	Native—Male	1							1							
	Native—Female															
	All other—Male															
	All other—Female															
137	Diseases of the prostate	1											1			
	White—Male	1											1			
	Native—Male															
	All other—Male															
140-150	Diseases of pregnancy, etc.*	4							4							
	White—Female	2							2							
	Native—Female	2							2							
	All other—Female															
140,142a, 145a,147	Puerperal septicemia	1							1							
	White—Female	1							1							
	Native—Female															
	All other—Female															
141a,c, 144,148	Puerperal toxemia	2							2							
	White—Female	1							1							
	Native—Female	1							1							
	All other—Female															
141b,142b, 143,145, 149	Hemorrhage, trauma or shock*	1							1							
	White—Female	1							1							
	Native—Female															
	All other—Female								1							
157	Congenital malformations	9	8	1												
	White—Male	5	5													
	White—Female	1	1													
	Native—Male	2	2													
	Native—Female	1		1												
	All other—Male															
	All other—Female															
158-161	Diseases peculiar to first year of life	58	58													
	White—Male	21	21													
	White—Female	8	8													
	Native—Male	16	16													
	Native—Female	13	13													
	All Other—Male															
	All Other—Female															

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

TABLE 15.—DEATHS FROM SELECTED CAUSES, IN INSTITUTIONS BY TYPE OF SERVICE AND CONTROL:
ALASKA, 1947

(Exclusive of stillbirths. Numbers after causes of death are International List numbers, 1938 revision. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown.)

CAUSE OF DEATH	Total deaths	Deaths not in institutions	Deaths in institutions ¹	TYPE OF SERVICE					TYPE OF CONTROL				
				General hospitals	Tuberculosis hospitals	Other non-resident hospitals and institutions	Mental institutions	Other resident institutions	Federal	Territorial Government	City	Non-profit	Proprietary
ALL CAUSES	1,165	689	476	413	7	2	...	36	117	41	10	185	107
Cerebrospinal (meningococcus) meningitis—6	3	-	3	3	-	-	...	-	1	-	-	-	2
Diphtheria—10	1	1	-	-	-	-	...	-	-	-	-	-	-
Tuberculosis (all forms)—13-22	222	151	91	68	6	2	...	2	34	3	-	37	4
Tuberculosis of respiratory system, etc.*—13	186	110	76	54	6	2	...	1	28	2	-	30	3
Tuberculosis (other forms)—14-22	36	21	15	14	-	-	...	1	6	1	-	7	1
Dysentery—27	6	6	2	2	-	-	...	-	1	-	-	1	-
Syphilis—30	9	3	6	5	-	-	...	-	-	-	-	2	3
Polioencephalitis, poliomyelitis (acute)—36	1	1	-	-	-	-	...	-	-	-	-	-	-
Cancer and other malignant tumors—45-55	59	10	49	45	-	-	...	3	5	3	2	26	12
Cancer of the digestive organs and peritoneum—46	29	5	24	22	-	-	...	1	1	1	1	12	6
Cancer of female genital organs—48,49	6	2	4	4	-	-	...	-	1	-	-	1	2
Cancer of the breast—50	4	1	3	3	-	-	...	-	1	-	-	1	1
Cancer (other sites)—45,47,51-55	20	2	18	16	-	-	...	2	2	2	-	11	3
Diabetes mellitus—51	5	2	3	3	-	-	...	-	1	-	-	2	-
Alcoholism (ethylism)—77	10	10	-	-	-	-	...	-	-	-	-	-	-
Intracranial lesions of vascular origin—85	50	20	30	25	-	-	...	5	2	5	-	14	9
Diseases of the heart—90-95	193	105	88	76	-	-	...	11	11	13	4	34	25
Chronic rheumatic diseases of heart—90a,92b,c,93c,95b	15	5	8	7	-	-	...	-	1	-	-	3	3
Diseases of coronary arteries and angina pectoris—94	84	57	27	22	-	-	...	5	6	6	1	8	6
Diseases of the heart (other forms)—90b,91,92a,d,e,93a,b,d,e,95a,c	96	43	53	47	-	-	...	6	4	7	3	23	16
Arteriosclerosis and high blood pressure*—97,102	9	2	7	7	-	-	...	-	-	-	-	1	6
Pneumonia (all forms) and influenza—107-109,33	90	60	30	24	-	-	...	5	14	5	-	8	2
Bronchopneumonia—107	24	9	15	11	-	-	...	4	7	4	-	3	1
Lobar pneumonia—108	9	2	7	6	-	-	...	1	3	1	-	3	-
Pneumonia (unspecified)—109	32	27	5	5	-	-	...	-	3	-	-	1	1
Influenza—33	25	22	3	2	-	-	...	-	1	-	-	1	-
Ulcer of stomach or duodenum—117	3	-	3	3	-	-	...	-	-	-	-	2	1
Diarrhea, enteritis, etc.*—119,120	16	13	3	3	-	-	...	-	2	-	-	1	-
Appendicitis—121	6	3	3	3	-	-	...	-	1	-	-	2	-
Hernia and intestinal obstruction—122	3	1	2	2	-	-	...	-	-	-	-	2	-
Cirrhosis of the liver—124	8	3	5	5	-	-	...	-	-	1	1	1	1
Biliary calculi, etc.*—126,127	2	-	2	2	-	-	...	-	1	-	-	1	-
Nephritis—130-132	15	3	12	12	-	-	...	-	2	-	-	6	4
Diseases of the prostate—137	1	-	1	1	-	-	...	-	-	-	-	1	-
Diseases of pregnancy, etc.*—140-150	4	2	2	2	-	-	...	-	-	-	-	1	1
Puerperal septicemia—140,142a,145A,147	1	-	1	1	-	-	...	-	-	-	-	-	1
Puerperal toxemia—141a,c,144,148	2	1	1	1	-	-	...	-	-	-	-	1	-
Hemorrhage, trauma or shock*—141b,142b,145,146,149	1	1	-	-	-	-	...	-	-	-	-	-	-
Congenital malformations—157	9	-	9	9	-	-	...	-	3	-	-	3	3
Diseases peculiar to first year of life—158-161	58	17	41	41	-	-	...	-	9	1	2	16	13
Premature birth—159	34	7	27	27	-	-	...	-	7	1	1	8	10
Other diseases peculiar to first year—158,160,161	24	10	14	14	-	-	...	-	2	-	1	8	3
Suicide—165,164	17	11	6	6	-	-	...	-	1	-	1	2	2
Homicide—165-168	8	7	1	1	-	-	...	-	1	-	-	-	-
Accidental deaths—169-195	201	167	34	32	1	-	...	-	20	-	-	7	6
Motor-vehicle accidents—170	4	2	2	2	-	-	...	-	-	-	-	1	1
Other accidents—169,171-195	197	165	32	30	1	-	...	-	20	-	-	6	5
Senility, ill-defined and unknown causes—162,199,200	94	80	14	6	-	-	...	8	2	8	-	3	1
All other causes—	60	31	29	27	-	-	...	2	5	2	-	10	12

*Refer to International List for complete title, table II.
¹Includes deaths occurring in institutions of unknown type.

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TABLE 16.—DEATHS FROM SELECTED CAUSES: ALASKA AND ITS SUBDIVISIONS, 1947

(By place of occurrence. 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	Alaska	First Judicial Division	Second Judicial Division	Third Judicial Division	Fourth Judicial Division	CAUSE OF DEATH	Alaska	First Judicial Division	Second Judicial Division	Third Judicial Division	Fourth Judicial Division
ALL CAUSES	1,165	358	185	361	263	Pneumonia (all forms) and influenza—107-109,33	90	12	22	29	27
Cerebrospinal (meningococcus) meningitis—6	3	-	-	3	-	Diarrhea, enteritis, etc.*—119,120	16	-	6	3	7
Diphtheria—10	1	-	-	1	-	Nephritis—130-132	15	6	-	4	5
Tuberculosis (all forms)—13-22	222	42	72	49	59	Diseases of pregnancy, child-birth, and the puerperium—140-150	4	-	1	1	2
Dysentery—27	8	-	5	1	2	Congenital malformations and diseases peculiar to first year*					
Syphilis—30	9	5	-	4	-	Premature birth—157,158,160,161	35	6	2	12	13
Polioencephalitis, poliomyelitis (acute)—36	1	-	-	-	1	Suicide—159	34	9	5	15	5
Cancer and other malignant tumors—45-55	59	26	5	14	14	Motor-vehicle accidents—163,164	17	4	-	11	2
Diabetes mellitus—61	5	2	-	3	-	Homicide—165-168	8	-	-	3	5
Intracranial lesions of vascular origin—85	50	21	4	15	10	Other accidents—170	4	-	-	4	-
Diseases of the heart—90-95	193	90	8	64	31	Other accidents—169,171-185	197	71	20	70	58
						Senility, ill-defined and unknown causes—162,199,200	94	29	16	22	27
						All other causes	102	35	17	33	17

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

TABLE 17.—DEATHS UNDER 1 YEAR FROM SELECTED CAUSES, BY DETAILED AGE: ALASKA, 1947

(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	Total deaths under 1 year	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 mo.	2 mo.	3 mo.	4 mo.	5 mo.	6 mo.	7 mo.	8 mo.	9 mo.	10 mo.	11 mo.
ALL CAUSES	172	28	12	7	5	11	10	4	77	18	15	6	12	11	9	5	9	6	4	-
Tuberculosis (all forms)—13-22	13	-	-	-	-	-	-	-	-	-	-	-	1	2	-	5	3	2	-	-
Tuberculosis of the respiratory system, etc.*—15	5	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3	-	-	-
Tuberculosis of the meninges, etc.*—14	6	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	-	-
Tuberculosis (other forms)—15-22	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery—27	5	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-
Diseases of the thymus gland—64	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis (not due to meningococcus)—81	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Convulsions—86	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia (all forms) and influenza—107-109,33	37	1	-	-	1	1	3	3	9	5	5	-	3	6	4	3	1	1	-	-
Bronchopneumonia, etc.*—107	15	-	-	-	1	2	1	1	4	2	2	-	1	1	1	2	-	-	-	-
Pneumonia (unspecified)—109	19	-	-	-	-	1	1	2	4	1	3	-	2	4	3	-	1	1	-	-
Influenza—33	5	-	1	-	-	-	-	-	1	2	-	-	1	-	1	-	-	-	-	-
Other diseases of respiratory system—104-106,110-114	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Diarrhea, enteritis, etc.*—119	13	-	-	1	-	-	-	-	1	2	4	3	1	-	1	-	1	-	-	-
Other diseases of digestive system—115,116,118,121,123-129	8	-	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Congenital malformations—157	6	2	-	1	1	-	2	-	6	1	-	-	1	-	-	-	-	-	-	-
Diseases peculiar to first year of life—158-161	58	23	11	5	2	6	2	-	49	2	2	-	3	1	1	-	-	-	-	-
Congenital debility—158	12	-	2	-	-	2	1	-	5	1	2	-	2	1	1	-	-	-	-	-
Premature birth—159	34	18	7	3	1	3	1	-	33	1	-	-	-	-	-	-	-	-	-	-
Injury at birth—160	4	2	-	1	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-
Other diseases peculiar to first year of life—161	8	3	2	1	-	1	-	-	7	-	-	-	1	-	-	-	-	-	-	-
Asphyxia (cause not specified), atelectasis—161a	5	3	2	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-
Infection of the umbilicus, etc.*—161b,c	3	-	-	1	-	1	-	-	2	-	-	-	1	-	-	-	-	-	-	-
Accidental deaths—169-195	9	-	-	-	-	-	1	1	2	2	-	-	1	-	1	-	1	-	2	-
Accidental mechanical suffocation—162	3	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
Other accidental deaths—169-181,183-195	6	-	-	-	-	-	1	1	2	1	-	-	-	-	1	-	-	-	2	-
Ill-defined and unknown causes—189,200	18	3	-	-	1	3	2	-	9	2	2	-	3	1	-	-	1	-	-	-
All other causes	4	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	1	-	-	-

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

TABLE 18.—INFANT MORTALITY RATES FOR SELECTED CAUSES: ALASKA, 1945-47

(Exclusive of stillbirths. Deaths under 1 year per 1,000 live births. 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	1947			1946			1945		
	1947	1946	1945	1947	1946	1945	1947	1946	1945
ALL CAUSES	63.7	70.9	75.5						
Whooping cough—9	0	0.4	2.2						
Diphtheria (infection by C. diphtheriae)—10	0	0.4	0						
Tuberculosis (all forms)—13-22	4.8	8.8	4.4						
Tuberculosis of the respiratory system, etc.*—15	1.9	3.1	3.8						
Tuberculosis of the meninges, etc.*—14	2.2	4.8	0.5						
Tuberculosis (other forms)—15-22	0.7	0.9	0						
Dysentery—27	1.9	0	0						
Syphilis—30	0	0	1.1						
Measles—35	0	1.3	0						
Diseases of the thymus gland—64	0.4	0.4	1.6						
Meningitis (not due to meningococcus)—81	0.7	0.4	1.1						
Convulsions—86	0.4	2.2	0						
Diseases of the ear and mastoid process—89	0	0.4	0						
Pneumonia (all forms) and influenza—107-109,33	13.7	17.6	23.5						
Bronchopneumonia, etc.*—107	4.8	5.3	6.6						
Lobar pneumonia—108	0	0.4	0.5						
Pneumonia (unspecified)—109	7.0	9.2	6.7						
Influenza—33	1.9	2.6	7.7						
Other diseases of respiratory system—104-106,110-114	0.4	1.3	2.7						
Diarrhea, enteritis, etc.*—119	4.8	2.2	2.2						
Intestinal obstruction—122b	0	1.8	0						
Other diseases of digestive system—115,116,118,121,123-129	0.7	1.5	0						
Congenital malformations—157	3.0	1.8	2.2						
Diseases peculiar to first year of life—158-161	21.5	20.3	16.9						
Congenital debility—158	4.4	2.6	0.5						
Premature birth—159	12.6	12.8	12.0						
Injury at birth—160	1.5	2.6	2.7						
Other diseases peculiar to first year of life—161	3.0	2.2	1.6						
Asphyxia (cause not specified), atelectasis—161a	1.9	1.3	---						
Infection of the umbilicus, etc.*—161b,c	1.1	0.9	---						
Accidental deaths—169-195	5.3	5.1	2.7						
Accidental mechanical suffocation—162	1.1	2.2	1.6						
Other accidental deaths—169-181,183-195	2.2	0.9	1.1						
Ill-defined and unknown causes—189,200	6.7	6.6	12.6						
All other causes	1.5	0.4	2.2						

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