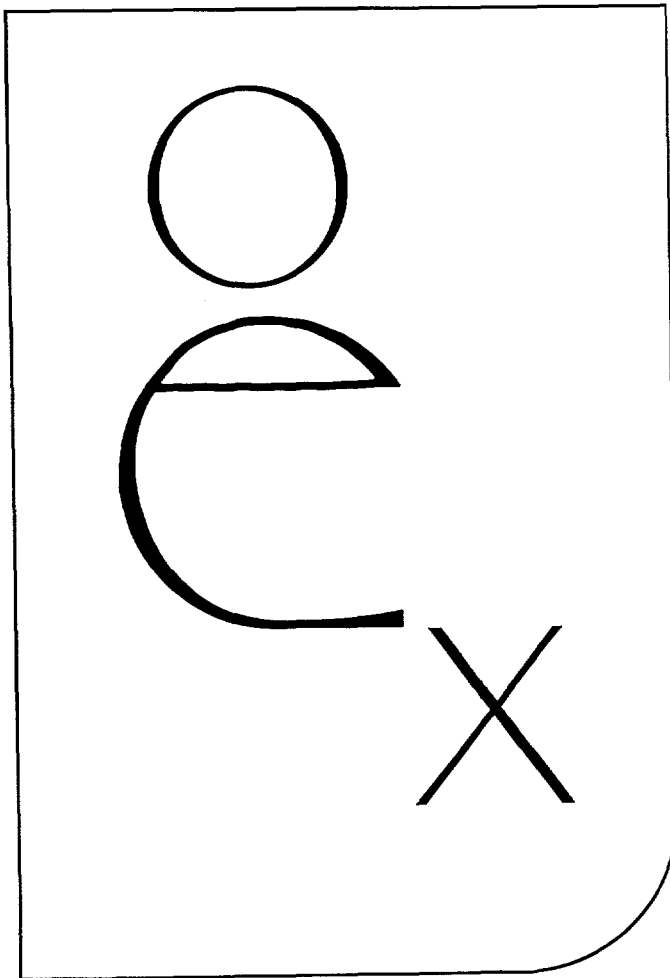


# Vital Statistics of the United States, 1986

Life Tables

Volume II, Section 6



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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Centers for Disease Control  
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## Section 6. Life Tables

	Page
The life table program -----	1
Life table values -----	1
Trends and comparisons -----	2
Technical appendix -----	3
Population bases for computing life tables-----	4
Explanation of the columns of the life table-----	4
References -----	5
 Text tables	
A.      Expectation of life at selected ages, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1986 -----	2
B.      Differences in life expectancy between males and females, by race; and between white and black persons, by sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1986-----	3
C.      Percent surviving from birth to selected ages, and median age at death, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1986 -----	3
 Tables	
6-1.    Abridged life tables by race and sex: United States, 1986 -----	6
6-2.    Number of survivors at single years of age, out of 100,000 born alive, by race and sex: United States, 1986-----	10
6-3.    Expectation of life at single years of age, by race and sex: United States, 1986-----	11
6-4.    Life table values by race and sex: Death-registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1986 -----	12
6-5.    Estimated average length of life in years, by race and sex: Death-registration States, 1900-28, and United States, 1929-86 -----	14

# Guide to tables in section 6

		-1	-2	-3	-4	-5
TABLE: 6						
PAGE:		6	10	11	12	14
<b>Years:</b>						
1900-1986 -----						15
1986 only -----	1	2	3			
Specified years and 1986 -----					24	
<b>Type of entry:</b>						
Proportion of dying ( ${}_nq_x$ ) -----	1					
Number surviving ( ${}_nL_x$ ) -----	1	2		4		
Number dying ( ${}_nd_x$ ) -----	1					
Stationary population ( ${}_nL_x$ and $T_x$ ) -----	1					
Average remaining lifetime ( $\hat{e}_x$ ) -----	1		3	4		
Average length of life ( $\hat{e}_0$ ) -----						5
<b>Characteristics:</b>						
<b>Age by:</b>						
Single years -----		2	3			
5-year intervals -----	1			4		
Race-specific -----	1	2	3			5
Sex-race specific -----	1	2	3	4	5	
Sex-specific -----	1	2	3			5
Total population -----	1	2	3			5

<sup>1</sup> Entire United States for 1929-86; death-registration States for 1900-28.

<sup>2</sup> Entire United States for specified years from 1929 to 1986; death-registration States for specified years from 1900 to 1921.

Death rates for a specific period may be summarized by the life table method to obtain measures of comparative longevity. There are two types of life tables—the generation or cohort life table and the current life table.

The generation life table provides a “longitudinal” perspective in that it follows the mortality experience of a particular cohort, all persons born in the year 1900, for example, from the moment of birth through consecutive ages in successive calendar years. Based on age-specific death rates observed during consecutive calendar years, the generation life table reflects the mortality experience of an actual cohort from birth until no lives remain in the group. To prepare just a single complete generation life table requires data over many years. It is not feasible to construct generation tables entirely on the basis of actual data for cohorts born in this century (U.S. Bureau of the Census, 1971). It is necessary to project data for the incomplete period for cohorts whose life spans are not yet complete (NCHS, 1972).

The better known current life table may, in contrast, be characterized as “cross sectional.” Unlike the generation life table, the current life table does not represent the mortality experience of an actual cohort. Rather, the current life table considers a hypothetical cohort and assumes that it is subject to the age-specific death rates observed for an actual population during a particular period. Thus, for example, a current life table for 1986 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1986. The current life table may thus be characterized as rendering a “snapshot” of current mortality experience, and shows the long-range implications of a set of age-specific death rates that prevailed in a given year. In this section the term “life table” refers only to the current life table and not to the generation life table.

### THE LIFE TABLE PROGRAM

Three series of life tables are prepared in the National Center for Health Statistics—complete, provisional abridged, and final abridged. The complete life tables for the U.S. population contain life table values for single years of age. They are based on decennial census data and deaths for a 3-year period around the census year and have been prepared since 1900. The provisional abridged life tables contain values by 5-year age groups and are based on a 10-percent sample of deaths. The final abridged life tables (referred to in this section as “abridged life tables”) also contain values by 5-year age groups but are based on a complete count of all reported deaths.

In response to a growing number of requests for post-censal life table values, a series of abridged life tables was

initiated in 1945. Available annually since that year, the abridged life tables are based on deaths occurring during the calendar year and on midyear postcensal population estimates provided by the U.S. Bureau of the Census. Refinements in both the techniques for estimating the population and the methods for constructing abridged life tables permit these tables to be prepared in a way that provides reasonably accurate data on current trends in expectation of life and survivorship. Beginning with 1945, abridged life tables have been constructed by reference to a standard table. (National Office of Vital Statistics, 1953). Methodology developed by Greville was used in constructing life tables for 1945–52. Since 1953 a modified method has been employed (NCHS, 1966). U.S. life tables for the decennial period 1979–81 are used as the standard table in constructing the 1986 abridged life tables.

The 1945 abridged life tables were prepared for white and all other males and females. Since 1946 abridged life tables for the total population have also been available, and since 1948 abridged life tables have been calculated for total males and total females. Beginning with 1951, additional abridged life tables have been calculated for the total white and total all other populations.

Numerous requests have been received annually for current life table statistics that are more detailed than those available in the abridged life tables. Therefore, tables showing  $l_x$  and  $e_x$  values by single years of age interpolated from the abridged life tables have been published since 1960.

The demand for information regarding up-to-date life table values was responsible for the introduction of a third series, provisional abridged life tables. Beginning with 1958, provisional abridged life tables have been published, for the total population only, in the “Annual Summary of Births, Marriages, Divorces, and Deaths, United States,” *Monthly Vital Statistics Report*; unpublished provisional life table data by race and sex are also produced annually. Values in these life tables are based on population estimates provided by the U.S. Bureau of the Census and on the estimated number of deaths derived from the Current Mortality Sample. The Current Mortality Sample consists of one-tenth of the death certificates filed in the vital statistics registration offices of each State, the District of Columbia, and New York City. The sample is taken by selecting 1 of every 10 death certificates received between two dates a month apart regardless of the month or year in which the death occurred.

### LIFE TABLE VALUES

The data used to prepare the abridged U.S. life tables for 1986 are the final mortality statistics and the midyear estimates of the population by age, race, and sex prepared

SECTION 6 — LIFE TABLES — PAGE 2

by the U.S. Bureau of the Census. Selected life table values for 1900–1902, 1959–61, 1969–71, 1979–81, and 1986 are shown in tables A and C.

*Expectation of life*—The most frequently used life table statistic is life expectancy ( $e_x$ ), which is the average number of years of life remaining for persons who have attained a given age ( $x$ ). Life expectancy and other life table values at specified ages in 1986 are shown for the total population and by race and sex in table 6–1. In addition, life expectancies at single years of age by race and sex are shown in table 6–3.

Life expectancy at birth for 1986 for the total population was 74.8 years. This represents the average number of years that the members of the life table cohort may expect to live at the time of birth (tables A and 6–1).

*Survivors to specified ages*—Another way of assessing longevity of the life table cohort is by determining the proportion of it that survives to specified ages. The  $l_x$  column provides the data for computing the proportion. For instance, for the total population, 78,833 out of the original 1986 life table cohort of 100,000 (or 78.8 percent) were alive at exact age 65 (tables C and 6–2).

*Median length of life*—In addition to determining the proportion alive at a specified age, one can also compute the median age at death, the age at which exactly half the cohort (50,000 persons) still remain alive and half have died. For example, in 1986 the median age at death for the total population was 78.4 years (table C).

TRENDS AND COMPARISONS

In 1986, life expectancy in the United States reached a new high of 74.8 years. Among the four race-sex groups (white males and females; black males and females), white females had the highest life expectancy at birth, 78.8 years, followed by black females, 73.5 years; white males, 72.0 years; and black males, 65.2 years (table A). The same order in life expectancy was maintained by each of the four race-sex groups at ages 1, 20, and 65 years.

Between 1979–81 and 1986, the greatest increase was for white males, who could expect to live an average of 1.2 years longer at the end of the period than at the beginning. For the other three race-sex groups, the increases were, for black males, 1.1 years; black females, 0.6 year; and white females, 0.6 year.

Life-expectancy differences between males and females widened for many years after the beginning of the century, but recently the differences have narrowed (table B). For the white population the difference between males and females increased from 2.9 years in 1900–1902 to 7.4 years by 1979–81; the difference narrowed to 6.8 years by 1986. For the black population the difference increased from 2.5 years in 1900–1902 to 8.8 by 1979–81; it narrowed to 8.3 years by 1986.

Life-expectancy differences between the races have generally narrowed since the beginning of the century (table B). By 1986, white males had a life expectancy that

Table A. Expectation of life at selected ages, by race and sex: Death-registration States, 1900–1902, and United States, 1959–61, 1969–71, 1979–81, and 1986

Life table value, period, and age	Total	White		All other			
				Total		Black	
		Male	Female	Male	Female	Male	Female
Expectation of life							
At birth:							
1986 -----	74.8	72.0	78.8	67.2	75.1	65.2	73.5
1979–81 -----	73.88	70.82	78.22	65.63	74.00	64.10	72.88
1969–71 -----	70.75	67.94	75.49	60.98	69.05	60.00	68.32
1959–61 -----	69.89	67.55	74.19	61.48	66.47	---	---
1900–1902 -----	49.24	48.23	51.08	---	---	32.54	35.04
At age 1 year:							
1986 -----	74.6	71.7	78.4	67.4	75.1	65.5	73.7
1979–81 -----	73.82	70.70	77.98	66.01	74.31	64.60	73.31
1969–71 -----	71.19	68.33	75.66	62.13	70.01	61.24	69.37
1959–61 -----	70.75	68.34	74.68	63.50	68.10	---	---
1900–1902 -----	55.20	54.61	56.39	---	---	42.46	43.54
At age 20 years:							
1986 -----	56.2	53.4	59.9	49.1	56.6	47.3	55.3
1979–81 -----	55.46	52.45	59.44	47.87	55.88	46.48	54.90
1969–71 -----	53.00	50.22	57.24	44.37	51.85	43.49	51.22
1959–61 -----	52.58	50.25	56.29	45.78	50.07	---	---
1900–1902 -----	42.79	42.19	43.77	---	---	35.11	36.89
At age 65 years:							
1986 -----	16.8	14.8	18.7	14.1	17.7	13.4	17.0
1979–81 -----	16.51	14.26	18.55	13.83	17.60	13.29	17.13
1969–71 -----	15.00	13.02	16.93	12.87	15.99	12.53	15.67
1959–61 -----	14.39	12.97	15.88	12.84	15.12	---	---
1900–1902 -----	11.86	11.51	12.23	---	---	10.38	11.38

SECTION 6 — LIFE TABLES — PAGE 3

TECHNICAL APPENDIX

**Table B. Differences in life expectancy between males and females, by race; and between white and black persons, by sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1986**

Period	Female-Male		White-Black	
	White	Black	Male	Female
1986 -----	6.8	8.3	6.8	5.3
1979-81 -----	7.40	8.78	6.72	5.34
1969-71 -----	7.55	8.32	7.94	7.17
1959-61 -----	6.64	---	---	---
1900-1902 -----	2.85	2.50	15.69	16.04

was 6.8 years greater than that of black males compared with a difference of 15.7 years in 1900-1902. For women the race difference in life expectancy during this period diminished from 16.0 years in 1900-1902 to 5.3 years by 1986.

In 1986, the percent surviving from birth to age 65 years showed the same order as life expectancy among the four race-sex groups. The percent for white females was 85.7; black females, 74.9; white males, 74.8; and black males, 58.1. Median age at death in 1986 also showed the same order among the four race-sex groups as both life expectancy and percent surviving to age 65 (table C).

The geographic areas covered in life tables before 1929-31 were limited to the death-registration areas. Life tables for 1900-1902 and 1909-11 were constructed using mortality data from the 1900 death-registration States (10 States and the District of Columbia) and for 1919-21 from the 1920 death-registration States (34 States and the District of Columbia). The tables for 1929-31 through 1958 cover the conterminous United States. Decennial life table values for the 3-year period 1959-61 were derived from data which include both Alaska and Hawaii for each year (table 6-4). Data for each year shown in table 6-5 include Alaska beginning in 1959 and Hawaii beginning in 1960. However, it is not believed that the inclusion of these two States materially affects life table values.

*Revised life table values, 1961-82*—Life table values for 1961-69 and 1971-79 are based on revised intercensal estimates of the populations for those years and were constructed using the U.S. decennial life tables for 1959-61 and 1969-71, respectively, as the standard tables. Life table values for 1970-73 have also been revised by using the 1969-71 decennial life tables as the standard tables. Previously published abridged life tables for 1970-73 were constructed using the 1959-61 decennial life tables as the standard tables because the 1969-71 decennial life tables were not yet available.

**Table C. Percent surviving from birth to selected ages, and median age at death, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1986**

Life table value, period, and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
<b>Percent surviving from birth</b>							
<b>To age 1 year:</b>							
1986 -----	99.0	99.0	99.2	98.3	98.6	98.0	98.4
1979-81 -----	98.7	98.8	99.0	97.9	98.3	97.7	98.1
1969-71 -----	98.0	98.0	98.5	96.6	97.2	96.4	97.1
1959-61 -----	97.4	97.4	98.0	95.3	96.2	---	---
1900-1902 -----	87.6	86.7	88.9	---	---	74.7	78.5
<b>To age 20 years:</b>							
1986 -----	98.1	97.9	98.6	97.0	97.9	96.6	97.6
1979-81 -----	97.7	97.5	98.4	96.4	97.4	96.1	97.2
1969-71 -----	96.7	96.5	97.6	94.3	95.9	94.1	95.7
1959-61 -----	96.1	95.9	97.1	93.1	94.7	---	---
1900-1902 -----	77.2	76.4	79.0	---	---	56.7	59.1
<b>To age 65 years:</b>							
1986 -----	78.8	74.8	85.7	62.5	77.7	58.1	74.9
1979-81 -----	77.1	72.4	84.8	58.5	75.4	55.1	73.3
1969-71 -----	71.9	66.3	81.6	49.6	66.1	47.5	64.7
1959-61 -----	71.1	65.8	80.7	51.4	60.8	---	---
1900-1902 -----	40.9	39.2	43.8	---	---	19.0	22.0
<b>Median age at death</b>							
1986 -----	78.4	75.4	82.2	70.9	78.9	68.8	77.3
1979-81 -----	77.6	74.2	81.8	69.0	77.8	67.4	76.6
1969-71 -----	74.9	71.5	79.5	64.8	72.8	63.8	72.2
1959-61 -----	74.3	71.4	78.5	65.6	70.6	---	---
1900-1902 -----	58.4	57.2	60.6	---	---	29.8	34.3



The 1979–81 decennial life tables have been used as the standard life tables for the 1983–86 life tables as well as for revised life table values for 1980–82 shown in this section.

*New Jersey data, 1962–64*—The life tables for 1962 and 1963 for the six population groups involving race do not include data from New Jersey. This State omitted the item on race from its certificates of live birth, death, and fetal death in use at the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without this item was used for most of 1962 as well as for 1963. For computing vital rates, populations by age, race, and sex (excluding New Jersey) were estimated to obtain comparable denominators. Approximately 7 percent of the New Jersey death records for 1964 did not contain the race designation. When the records were being electronically processed for this State, the “race not stated” deaths were allocated to white or to black.

*Nonresidents*—Beginning in 1970 the deaths of nonresidents of the United States have been excluded from the life table statistics.

*Estimates for single calendar years*—There has been an increasing interest in data on the average length of life ( $\bar{e}_x$ ) for single calendar years prior to 1945, when the annual abridged life table series was initiated. The figures in table 6–5 for groups by race and sex for the following years were estimated to meet these needs (National Office of Vital Statistics, 1951).

Years	Race and sex
1900–45 -----	Total
1900–47 -----	Male
1900–47 -----	Female
1900–50 -----	White
1900–44 -----	White male
1900–44 -----	White female
1900–50 -----	All other
1900–44 -----	All other male
1900–44 -----	All other female

### POPULATION BASES FOR COMPUTING LIFE TABLES

The population used for computing life table values shown in this section (furnished by the U.S. Bureau of the Census) represents the resident population of the United States. The populations used for computing the 1986 life table values are estimated as of July 1, 1986 (U.S. Bureau of the Census, 1988), and are based on the 1980 census levels. The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. For a detailed discussion of the modification procedures, see U.S. Bureau of the Census (1982).

Population estimates used to compute death rates for 1984, 1985, and 1986 incorporate new estimation procedures for net migration and net undocumented immigra-

tion. Death rates for 1986 are comparable with those for 1984 and 1985 but are not strictly comparable with those for previous years. For additional details, see the Technical Appendix in *Vital Statistics of the United States, 1984* (Vol. II, Mortality, Pt. A), and U.S. Bureau of the Census (1986).

### 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 20th and the 25th birthdays.

*Column 2—Proportion dying ( ${}_nq_x$ )*—This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval and who will die before reaching the end of that age interval. For example, for males in the age interval 20–25, the proportion dying is 0.0088: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 9 will die before reaching their 25th birthday. In other words, the  ${}_nq_x$  values represent *probabilities* that persons who are alive at the beginning of a specific age interval will die before reaching the beginning of the next age interval. The “proportion dying” column forms the basis of the life table. The life table is so constructed that all other columns are derived from it.

*Column 3—Number surviving ( $l_x$ )*—This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval. The  $l_x$  values are computed from the  ${}_nq_x$  values, which are successively applied to the remainder of the original 100,000 persons still alive at the beginning of each age interval. Thus out of 100,000 male babies born alive, 98,845 will complete the first year of life and enter the second; 98,620 will begin the sixth year; 97,702 will reach age 20; and 19,977 will live to age 85.

*Column 4—Number dying ( ${}_nd_x$ )*—This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 males born alive, 1,155 will die in the first year of life; 225 in the succeeding 4 years; 859 in the 5-year period between exact ages 20 and 25, and 19,977 will 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 ( ${}_nL_x$  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 individuals left the group, either by death or by growing older and entering the next higher age group, their places would immediately be taken by persons

## SECTION 6 — LIFE TABLES — PAGE 5

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 that marks the beginning of the age interval indicated in column 1, and 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 males in the age interval 20–25 is 486,409. This means that in a stationary population of 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 486,409 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 males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 5,158,927 persons who have passed their 20th birthday. The male population at all ages 0 and above

(the total male population of the stationary community) would be 7,127,809.

*Column 7—Average remaining lifetime ( $e_x$ )*—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. To arrive at this value, it is first necessary to observe that the figures in column 5 of the life table 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 two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 486,409 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,702 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,158,927 in column 6 is the total number of years lived after attaining age 20 by the 97,702 reaching that age. This number of years divided by the number of persons (5,158,927 divided by 97,702) gives 52.8 years as the average remaining lifetime of males at age 20.

### SYMBOLS

Data not available-----	---
Category not applicable -----	...
Quantity zero -----	-
Quantity more than zero but less than 0.05 -----	0.0
Quantity more than zero but less than 500 where numbers are rounded to thousands -----	Z
Figure does not meet standards of reliability or precision -----	*

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SECTION 6 - LIFE TABLES - PAGE 6

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1986

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Proportion of persons alive at beginning of age interval dying during interval	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)
$x$ to $x + n$	$nq_x$	$l_x$	$xp^u$	$nL_x$	$T_x$	$e_x$
<b>ALL RACES</b>						
0-1	0.0104	100,000	1,036	99,109	7,480,776	74.8
1-5	.0020	98,964	202	395,383	7,381,667	74.6
5-10	.0012	98,762	117	493,491	6,986,284	70.7
10-15	.0014	98,645	136	492,957	6,492,793	65.8
15-20	.0043	98,507	426	491,569	5,999,836	60.9
20-25	.0058	98,081	569	489,011	5,508,267	56.2
25-30	.0060	97,512	585	486,096	5,019,256	51.5
30-35	.0072	96,927	700	482,926	4,533,160	46.8
35-40	.0090	96,227	864	479,097	4,050,234	42.1
40-45	.0128	95,363	1,224	473,973	3,571,137	37.4
45-50	.0193	94,139	1,814	466,492	3,097,164	32.9
50-55	.0311	92,325	2,867	454,908	2,630,672	28.5
55-60	.0479	89,458	4,285	437,193	2,175,764	24.3
60-65	.0744	85,173	6,340	410,874	1,738,571	20.4
65-70	.1076	78,833	8,480	373,881	1,327,697	16.8
70-75	.1611	70,353	11,337	324,408	953,816	13.6
75-80	.2320	59,016	13,692	261,685	629,408	10.7
80-85	.3432	45,324	15,553	187,948	367,723	8.1
85 and over	1.0000	29,771	29,771	179,775	179,775	6.0
<b>MALE</b>						
0-1	.0115	100,000	1,155	99,006	7,127,809	71.3
1-5	.0023	98,845	225	394,859	7,028,803	71.1
5-10	.0014	98,620	136	492,729	6,633,944	67.3
10-15	.0018	98,484	175	492,101	6,141,215	62.4
15-20	.0062	98,309	607	490,187	5,649,114	57.5
20-25	.0088	97,702	859	486,409	5,158,927	52.8
25-30	.0088	96,843	857	482,049	4,672,518	48.2
30-35	.0104	95,986	998	477,465	4,190,469	43.7
35-40	.0125	94,988	1,183	472,132	3,713,004	39.1
40-45	.0169	93,805	1,587	465,332	3,240,872	34.5
45-50	.0249	92,218	2,299	455,770	2,775,540	30.1
50-55	.0400	89,919	3,597	441,175	2,319,770	25.8
55-60	.0627	86,322	5,414	418,836	1,878,595	21.8
60-65	.0968	80,908	7,832	385,971	1,459,759	18.0
65-70	.1395	73,076	10,195	340,849	1,073,788	14.7
70-75	.2100	62,881	13,206	282,144	732,939	11.7
75-80	.2997	49,675	14,886	211,292	450,795	9.1
80-85	.4258	34,789	14,812	136,062	239,503	6.9
85 and over	1.0000	19,977	19,977	103,441	103,441	5.2
<b>FEMALE</b>						
0-1	.0091	100,000	910	99,217	7,826,788	78.3
1-5	.0018	99,090	178	395,934	7,727,571	78.0
5-10	.0010	98,912	97	494,296	7,331,637	74.1
10-15	.0010	98,815	99	493,861	6,837,341	69.2
15-20	.0024	98,716	239	493,020	6,343,480	64.3
20-25	.0028	98,477	273	491,715	5,850,460	59.4
25-30	.0031	98,204	307	490,268	5,358,745	54.6
30-35	.0041	97,897	397	488,538	4,868,477	49.7
35-40	.0056	97,500	542	486,241	4,379,939	44.9
40-45	.0089	96,958	861	482,797	3,893,698	40.2
45-50	.0138	96,097	1,331	477,399	3,410,901	35.5
50-55	.0226	94,766	2,143	468,805	2,933,502	31.0
55-60	.0343	92,623	3,174	455,648	2,464,697	26.6
60-65	.0546	89,449	4,884	435,746	2,009,049	22.5
65-70	.0803	84,565	6,793	406,732	1,573,303	18.6
70-75	.1231	77,772	9,572	366,159	1,166,571	15.0
75-80	.1857	68,200	12,665	310,832	800,412	11.7
80-85	.2952	55,535	16,392	237,839	489,580	8.8
85 and over	1.0000	39,143	39,143	251,741	251,741	6.4

**SECTION 6 - LIFE TABLES - PAGE 7**

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1986—Con.

Age interval  Period of life between two exact ages stated in years, race, and sex  (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval  (2)	Number living at beginning of age interval  (3)	Number dying during age interval  (4)	In the age interval  (5)	In this and all subsequent age intervals  (6)	Average number of years of life remaining at beginning of age interval  (7)
$x$ to $x + n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>WHITE</b>						
0-1 .....	0.0089	100,000	894	99,232	7,543,623	75.4
1-5 .....	.0018	99,106	183	395,996	7,444,391	75.1
5-10 .....	.0011	98,923	106	494,327	7,048,395	71.3
10-15 .....	.0014	98,817	134	493,830	6,554,068	66.3
15-20 .....	.0043	98,683	429	492,438	6,060,238	61.4
20-25 .....	.0054	98,254	534	489,951	5,567,800	56.7
25-30 .....	.0053	97,720	518	487,291	5,077,849	52.0
30-35 .....	.0062	97,202	604	484,533	4,590,558	47.2
35-40 .....	.0077	96,598	742	481,242	4,106,025	42.5
40-45 .....	.0112	95,856	1,078	476,784	3,624,783	37.8
45-50 .....	.0173	94,778	1,641	470,109	3,147,999	33.2
50-55 .....	.0284	93,137	2,649	459,505	2,677,890	28.8
55-60 .....	.0453	90,488	4,095	442,828	2,218,385	24.5
60-65 .....	.0712	86,393	6,147	417,477	1,775,557	20.6
65-70 .....	.1047	80,246	8,405	381,181	1,358,080	16.9
70-75 .....	.1586	71,841	11,391	331,777	976,899	13.6
75-80 .....	.2303	60,450	13,920	268,376	645,122	10.7
80-85 .....	.3415	46,530	15,888	193,191	376,746	8.1
85 and over .....	1.0000	30,642	30,642	183,555	183,555	6.0
<b>WHITE, MALE</b>						
0-1 .....	.0100	100,000	1,002	99,139	7,197,771	72.0
1-5 .....	.0021	98,998	204	395,520	7,098,632	71.7
5-10 .....	.0013	98,794	125	493,629	6,703,112	67.8
10-15 .....	.0017	98,669	168	493,045	6,209,483	62.9
15-20 .....	.0062	98,501	607	491,140	5,716,438	58.0
20-25 .....	.0083	97,894	808	487,477	5,225,298	53.4
25-30 .....	.0078	97,086	761	483,491	4,737,821	48.8
30-35 .....	.0090	96,325	868	479,476	4,254,330	44.2
35-40 .....	.0106	95,457	1,014	474,880	3,774,854	39.5
40-45 .....	.0147	94,443	1,392	468,990	3,299,974	34.9
45-50 .....	.0223	93,051	2,078	460,476	2,830,984	30.4
50-55 .....	.0366	90,973	3,329	447,109	2,370,508	26.1
55-60 .....	.0594	87,644	5,209	425,986	1,923,399	21.9
60-65 .....	.0930	82,435	7,665	394,069	1,497,413	18.2
65-70 .....	.1363	74,770	10,189	349,407	1,103,344	14.8
70-75 .....	.2077	64,581	13,412	290,211	753,937	11.7
75-80 .....	.2988	51,169	15,290	217,806	463,726	9.1
80-85 .....	.4252	35,879	15,254	140,380	245,920	6.9
85 and over .....	1.0000	20,625	20,625	105,540	105,540	5.1
<b>WHITE, FEMALE</b>						
0-1 .....	.0078	100,000	780	99,329	7,882,713	78.8
1-5 .....	.0016	99,220	160	396,496	7,783,384	78.4
5-10 .....	.0009	99,060	87	495,064	7,386,888	74.6
10-15 .....	.0010	98,973	97	494,659	6,891,824	69.6
15-20 .....	.0024	98,876	241	493,815	6,397,165	64.7
20-25 .....	.0026	98,635	254	492,545	5,903,350	59.9
25-30 .....	.0027	98,381	266	491,251	5,410,805	55.0
30-35 .....	.0034	98,115	329	489,790	4,919,554	50.1
35-40 .....	.0047	97,786	463	487,853	4,429,764	45.3
40-45 .....	.0078	97,323	760	484,859	3,941,911	40.5
45-50 .....	.0124	96,563	1,198	480,049	3,457,052	35.8
50-55 .....	.0206	95,365	1,964	472,237	2,977,003	31.2
55-60 .....	.0321	93,401	2,995	459,980	2,504,766	26.8
60-65 .....	.0516	90,406	4,666	441,077	2,044,786	22.6
65-70 .....	.0777	85,740	6,658	412,975	1,603,709	18.7
70-75 .....	.1202	79,082	9,505	372,933	1,190,734	15.1
75-80 .....	.1835	69,577	12,765	317,587	817,801	11.8
80-85 .....	.2932	56,812	16,657	243,655	500,214	8.8
85 and over .....	1.0000	40,155	40,155	256,559	256,559	6.4

SECTION 6 - LIFE TABLES - PAGE 8

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1986—Con.

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		Proportion of persons alive at beginning of age interval dying during interval	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)
$x$ to $x+n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>ALL OTHER</b>						
0-1 .....	0.0157	100,000	1,574	98,643	7,117,696	71.2
1-5 .....	.0029	98,426	283	393,040	7,019,053	71.3
5-10 .....	.0016	98,143	161	490,270	6,626,013	67.5
10-15 .....	.0016	97,982	157	489,581	6,135,743	62.6
15-20 .....	.0043	97,825	420	488,192	5,646,162	57.7
20-25 .....	.0076	97,405	736	485,289	5,157,970	53.0
25-30 .....	.0097	96,669	934	481,077	4,672,681	48.3
30-35 .....	.0128	95,735	1,223	475,723	4,191,604	43.8
35-40 .....	.0167	94,512	1,574	468,839	3,715,881	39.3
40-45 .....	.0230	92,938	2,135	459,675	3,247,042	34.9
45-50 .....	.0313	90,803	2,846	447,332	2,787,367	30.7
50-55 .....	.0478	87,957	4,208	429,794	2,340,035	26.6
55-60 .....	.0668	83,749	5,593	405,336	1,910,241	22.8
60-65 .....	.1002	78,156	7,831	371,853	1,504,905	19.3
65-70 .....	.1310	70,325	9,214	329,156	1,133,052	16.1
70-75 .....	.1838	61,111	11,234	278,003	803,896	13.2
75-80 .....	.2480	49,877	12,371	218,605	525,893	10.5
80-85 .....	.3624	37,506	13,594	153,298	307,288	8.2
85 and over .....	1.0000	23,912	23,912	153,990	153,990	6.4
<b>ALL OTHER, MALE</b>						
0-1 .....	.0174	100,000	1,738	98,500	6,717,201	67.2
1-5 .....	.0032	98,262	311	392,329	6,618,701	67.4
5-10 .....	.0019	97,951	182	489,253	6,226,372	63.6
10-15 .....	.0021	97,769	204	488,437	5,737,119	58.7
15-20 .....	.0062	97,565	606	486,498	5,248,682	53.8
20-25 .....	.0115	96,959	1,120	482,165	4,762,184	49.1
25-30 .....	.0144	95,839	1,384	475,822	4,280,019	44.7
30-35 .....	.0185	94,455	1,747	468,024	3,804,197	40.3
35-40 .....	.0242	92,708	2,246	458,181	3,336,173	36.0
40-45 .....	.0320	90,462	2,890	445,487	2,877,992	31.8
45-50 .....	.0421	87,572	3,691	429,175	2,432,505	27.8
50-55 .....	.0636	83,881	5,332	406,697	2,003,330	23.9
55-60 .....	.0875	78,549	6,874	376,141	1,596,633	20.3
60-65 .....	.1278	71,675	9,159	336,085	1,220,492	17.0
65-70 .....	.1673	62,516	10,461	286,787	884,407	14.1
70-75 .....	.2311	52,055	12,032	230,347	597,620	11.5
75-80 .....	.3073	40,023	12,300	169,079	367,273	9.2
80-85 .....	.4317	27,723	11,968	107,969	198,194	7.1
85 and over .....	1.0000	15,755	15,755	90,225	90,225	5.7
<b>ALL OTHER, FEMALE</b>						
0-1 .....	.0140	100,000	1,403	98,792	7,505,438	75.1
1-5 .....	.0026	98,597	255	393,780	7,406,646	75.1
5-10 .....	.0014	98,342	139	491,326	7,012,866	71.3
10-15 .....	.0011	98,203	108	490,772	6,521,540	66.4
15-20 .....	.0023	98,095	228	489,952	6,030,768	61.5
20-25 .....	.0037	97,867	365	488,473	5,540,816	56.6
25-30 .....	.0053	97,502	514	486,279	5,052,343	51.8
30-35 .....	.0076	96,988	741	483,183	4,566,064	47.1
35-40 .....	.0101	96,247	976	478,964	4,082,881	42.4
40-45 .....	.0153	95,271	1,459	472,956	3,603,917	37.8
45-50 .....	.0222	93,812	2,079	464,197	3,130,961	33.4
50-55 .....	.0347	91,733	3,185	451,129	2,666,764	29.1
55-60 .....	.0493	88,548	4,363	432,367	2,215,635	25.0
60-65 .....	.0772	84,185	6,501	405,355	1,783,268	21.2
65-70 .....	.1018	77,684	7,906	369,375	1,377,913	17.7
70-75 .....	.1482	69,778	10,341	323,908	1,008,538	14.5
75-80 .....	.2067	59,437	12,286	267,043	684,630	11.5
80-85 .....	.3170	47,151	14,945	198,650	417,587	8.9
85 and over .....	1.0000	32,206	32,206	218,937	218,937	6.8

**SECTION 6 - LIFE TABLES - PAGE 9**

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1986—Con.

Age interval  Period of life between two exact ages stated in years, race, and sex  (1)	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
	Proportion of persons alive at beginning of age interval dying during interval  (2)	Number living at beginning of age interval  (3)	Number dying during age interval  (4)	In the age interval  (5)	In this and all subsequent age intervals  (6)	Average number of years of life remaining at beginning of age interval  (7)
$x$ to $x+n$	$nq_x$	$l_x$	$nd_x$	$nL_x$	$T_x$	$e_x$
<b>BLACK</b>						
0-1 .....	0.0181	100,000	1,810	98,437	6,939,754	69.4
1-5 .....	.0032	98,190	314	392,023	6,841,317	69.7
5-10 .....	.0017	97,876	170	488,908	6,449,294	65.9
10-15 .....	.0017	97,706	168	488,173	5,960,386	61.0
15-20 .....	.0045	97,538	440	486,716	5,472,213	56.1
20-25 .....	.0081	97,098	787	483,648	4,985,497	51.3
25-30 .....	.0109	96,311	1,053	479,017	4,501,849	46.7
30-35 .....	.0152	95,258	1,446	472,811	4,022,832	42.2
35-40 .....	.0198	93,812	1,860	464,837	3,550,021	37.8
40-45 .....	.0278	91,952	2,552	453,757	3,085,184	33.6
45-50 .....	.0369	89,400	3,296	439,240	2,631,427	29.4
50-55 .....	.0548	86,104	4,722	419,275	2,192,187	25.5
55-60 .....	.0758	81,382	6,167	392,078	1,772,912	21.8
60-65 .....	.1128	75,215	8,493	355,488	1,380,834	18.4
65-70 .....	.1456	66,732	9,714	309,896	1,025,346	15.4
70-75 .....	.2013	57,018	11,476	256,841	715,450	12.5
75-80 .....	.2697	45,540	12,280	197,030	458,609	10.1
80-85 .....	.3861	33,260	12,841	133,823	261,579	7.9
85 and over .....	1.0000	20,419	20,419	127,756	127,756	6.3
<b>BLACK, MALE</b>						
0-1 .....	.0200	100,000	2,004	98,265	6,516,151	65.2
1-5 .....	.0035	97,996	341	391,195	6,417,886	65.5
5-10 .....	.0020	97,655	191	487,746	6,026,691	61.7
10-15 .....	.0022	97,464	217	486,877	5,538,945	56.8
15-20 .....	.0066	97,247	640	484,838	5,052,068	52.0
20-25 .....	.0125	96,607	1,212	480,209	4,567,230	47.3
25-30 .....	.0165	95,395	1,572	473,170	4,087,021	42.8
30-35 .....	.0223	93,823	2,088	464,055	3,613,851	38.5
35-40 .....	.0292	91,735	2,683	452,263	3,149,796	34.3
40-45 .....	.0392	89,052	3,493	436,991	2,697,533	30.3
45-50 .....	.0505	85,559	4,322	417,576	2,260,542	26.4
50-55 .....	.0735	81,237	5,971	391,898	1,842,966	22.7
55-60 .....	.0989	75,266	7,444	358,285	1,451,068	19.3
60-65 .....	.1432	67,822	9,709	315,371	1,092,783	16.1
65-70 .....	.1852	58,113	10,763	263,994	777,412	13.4
70-75 .....	.2539	47,350	12,021	206,711	513,478	10.8
75-80 .....	.3350	35,329	11,834	146,592	306,767	8.7
80-85 .....	.4571	23,495	10,740	89,790	160,175	6.8
85 and over .....	1.0000	12,755	12,755	70,385	70,385	5.5
<b>BLACK, FEMALE</b>						
0-1 .....	.0161	100,000	1,609	98,615	7,352,723	73.5
1-5 .....	.0029	98,391	287	392,875	7,254,108	73.7
5-10 .....	.0015	98,104	150	490,101	6,861,233	69.9
10-15 .....	.0012	97,954	114	489,511	6,371,132	65.0
15-20 .....	.0024	97,840	237	488,660	5,881,621	60.1
20-25 .....	.0040	97,603	387	487,108	5,392,961	55.3
25-30 .....	.0059	97,216	574	484,715	4,905,853	50.5
30-35 .....	.0089	96,642	863	481,168	4,421,138	45.7
35-40 .....	.0118	95,779	1,133	476,253	3,939,970	41.1
40-45 .....	.0181	94,646	1,718	469,226	3,463,717	36.6
45-50 .....	.0256	92,928	2,383	459,059	2,994,491	32.2
50-55 .....	.0395	90,545	3,577	444,246	2,535,432	28.0
55-60 .....	.0560	86,968	4,871	423,230	2,091,186	24.0
60-65 .....	.0874	82,097	7,175	393,232	1,667,956	20.3
65-70 .....	.1137	74,922	8,521	354,027	1,274,724	17.0
70-75 .....	.1627	66,401	10,804	305,825	920,697	13.9
75-80 .....	.2251	55,597	12,516	247,196	614,872	11.1
80-85 .....	.3428	43,081	14,769	178,603	367,676	8.5
85 and over .....	1.0000	28,312	28,312	189,073	189,073	6.7

SECTION 6 - LIFE TABLES - PAGE 10

Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1986

Age	All races			White			All other						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,964	98,845	99,090	99,106	98,998	99,220	98,426	98,262	98,597	98,190	97,996	98,391	98,391
2	98,892	98,764	99,028	99,040	98,923	99,164	98,332	98,158	98,513	98,085	97,882	98,296	98,296
3	98,838	98,704	98,980	98,991	98,869	99,121	98,256	98,075	98,444	98,000	97,790	98,218	98,218
4	98,796	98,658	98,942	98,953	98,828	99,087	98,194	98,007	98,388	97,932	97,716	98,155	98,155
5	98,762	98,620	98,912	98,923	98,794	99,060	98,143	97,951	98,342	97,876	97,655	98,104	98,104
6	98,733	98,587	98,887	98,897	98,765	99,038	98,100	97,904	98,304	97,830	97,605	98,062	98,062
7	98,707	98,557	98,866	98,874	98,738	99,019	98,064	97,863	98,272	97,792	97,563	98,028	98,028
8	98,684	98,530	98,847	98,853	98,712	99,002	98,033	97,828	98,246	97,760	97,526	97,999	97,999
9	98,663	98,505	98,830	98,834	98,689	98,987	98,006	97,797	98,223	97,732	97,494	97,975	97,975
10	98,645	98,484	98,815	98,817	98,669	98,973	97,982	97,769	98,203	97,706	97,464	97,954	97,954
11	98,628	98,464	98,801	98,802	98,651	98,960	97,959	97,742	98,184	97,681	97,435	97,934	97,934
12	98,610	98,443	98,786	98,785	98,632	98,946	97,935	97,713	98,166	97,655	97,404	97,914	97,914
13	98,587	98,415	98,768	98,763	98,606	98,929	97,907	97,677	98,146	97,625	97,365	97,893	97,893
14	98,554	98,372	98,745	98,730	98,564	98,906	97,871	97,629	98,123	97,587	97,314	97,869	97,869
15	98,507	98,309	98,716	98,683	98,501	98,876	97,825	97,565	98,095	97,538	97,247	97,840	97,840
16	98,445	98,223	98,678	98,620	98,414	98,838	97,767	97,484	98,061	97,477	97,161	97,805	97,805
17	98,369	98,116	98,633	98,542	98,306	98,792	97,696	97,384	98,021	97,403	97,056	97,768	97,768
18	98,280	97,991	98,583	98,452	98,180	98,741	97,612	97,264	97,975	97,315	96,930	97,715	97,715
19	98,183	97,852	98,530	98,355	98,041	98,688	97,515	97,123	97,923	97,214	96,781	97,662	97,662
20	98,081	97,702	98,477	98,254	97,894	98,635	97,405	96,959	97,867	97,098	96,607	97,603	97,603
21	97,974	97,542	98,424	98,150	97,740	98,583	97,281	96,771	97,805	96,967	96,407	97,538	97,538
22	97,861	97,372	98,370	98,043	97,578	98,532	97,143	96,560	97,737	96,821	96,181	97,467	97,467
23	97,745	97,196	98,316	97,935	97,412	98,482	96,993	96,331	97,664	96,661	95,933	97,390	97,390
24	97,628	97,018	98,261	97,827	97,247	98,432	96,834	96,089	97,586	96,490	95,670	97,306	97,306
25	97,512	96,843	98,204	97,720	97,086	98,381	96,669	95,839	97,502	96,311	95,395	97,216	97,216
26	97,397	96,672	98,147	97,616	96,931	98,330	96,499	95,582	97,413	96,124	95,110	97,119	97,119
27	97,283	96,504	98,088	97,514	96,780	98,278	96,322	95,317	97,318	95,927	94,814	97,015	97,015
28	97,168	96,336	98,027	97,412	96,632	98,225	96,137	95,043	97,217	95,719	94,503	96,902	96,902
29	97,050	96,164	97,964	97,309	96,481	98,171	95,942	94,756	97,107	95,497	94,174	96,778	96,778
30	96,927	95,986	97,897	97,202	96,325	98,115	95,735	94,455	96,988	95,258	93,823	96,642	96,642
31	96,798	95,800	97,826	97,090	96,162	98,056	95,515	94,139	96,858	95,001	93,450	96,492	96,492
32	96,663	95,606	97,751	96,973	95,993	97,994	95,283	93,807	96,718	94,727	93,054	96,329	96,329
33	96,522	95,405	97,672	96,852	95,818	97,928	95,038	93,459	96,568	94,436	92,636	96,154	96,154
34	96,377	95,199	97,588	96,727	95,639	97,859	94,781	93,093	96,411	94,131	92,196	95,970	95,970
35	96,227	94,988	97,500	96,598	95,457	97,786	94,512	92,708	96,247	93,812	91,735	95,779	95,779
36	96,072	94,771	97,407	96,465	95,271	97,708	94,230	92,303	96,076	93,480	91,252	95,581	95,581
37	95,910	94,546	97,308	96,326	95,079	97,625	93,934	91,877	95,896	93,132	90,745	95,373	95,373
38	95,739	94,311	97,202	96,180	94,878	97,534	93,622	91,429	95,705	92,765	90,212	95,152	95,152
39	95,557	94,065	97,086	96,024	94,667	97,434	93,291	90,958	95,498	92,373	89,649	94,911	94,911
40	95,363	93,805	96,958	95,856	94,443	97,323	92,938	90,462	95,271	91,952	89,052	94,646	94,646
41	95,153	93,528	96,816	95,674	94,203	97,199	92,560	89,939	95,022	91,500	88,419	94,353	94,353
42	94,927	93,232	96,659	95,476	93,945	97,061	92,156	89,386	94,751	91,015	87,749	94,033	94,033
43	94,683	92,916	96,487	95,261	93,668	96,909	91,727	88,806	94,458	90,501	87,046	93,687	93,687
44	94,421	92,579	96,300	95,029	93,371	96,743	91,276	88,201	94,155	89,962	86,315	93,318	93,318
45	94,139	92,218	96,097	94,778	93,051	96,563	90,803	87,572	93,812	89,400	85,559	92,928	92,928
46	93,836	91,831	95,878	94,507	92,705	96,380	90,307	86,919	93,458	88,816	84,781	92,518	92,518
47	93,508	91,413	95,639	94,212	92,329	96,153	89,784	86,237	93,081	88,206	83,974	92,082	92,082
48	93,151	90,960	95,377	93,888	91,919	95,917	89,226	85,514	92,673	87,559	83,125	91,614	91,614
49	92,758	90,464	95,087	93,531	91,469	95,656	88,620	84,733	92,226	86,862	82,217	91,104	91,104
50	92,325	89,919	94,766	93,137	90,973	95,365	87,957	83,881	91,733	86,104	81,237	90,545	90,545
51	91,848	89,320	94,409	92,701	90,427	95,022	87,230	82,951	91,189	85,280	80,178	89,931	89,931
52	91,324	88,665	94,016	92,221	89,827	94,684	86,440	81,945	90,594	84,389	79,042	89,261	89,261
53	90,752	87,949	93,586	91,694	89,167	94,291	85,591	80,869	89,951	83,437	77,836	88,540	88,540
54	90,130	87,169	93,122	91,117	88,441	93,864	84,693	79,735	89,268	82,433	76,575	87,774	87,774
55	89,458	86,322	92,623	90,488	87,644	93,401	83,749	78,549	88,548	81,382	75,266	86,968	86,968
56	88,733	85,405	92,088	89,803	86,773	92,901	82,763	77,316	87,794	80,287	73,915	86,124	86,124
57	87,951	84,413	91,513	89,058	85,823	92,360	81,729	76,030	87,000	79,142	72,514	85,236	85,236
58	87,103	83,339	90,888	88,247	84,788	91,770	80,630	74,674	86,148	77,930	71,046	84,284	84,284
59	86,180	82,173	90,203	87,361	83,661	91,121	79,444	73,227	85,215	76,626	69,487	83,244	83,244
60	85,173	80,908	89,449	86,393	82,435	90,406	78,156	71,675	84,185	75,215	67,822	82,097	82,097
61	84,077	79,539	88,619	85,338	81,105	89,619	76,757	70,011	83,047	73,687	66,042	80,834	80,834
62	82,891	78,065	87,712	84,193	79,669	88,758	75,254	68,243	81,808	72,051	64,157	79,461	79,461
63	81,618	76,492	86,731	82,961	78,131	87,823	73,665	66,388	80,485	70,328	62,189	77,999	77,999
64	80,264	74,827	85,681	81,645	76,497	86,817	72,016	64,473	78,549	68,548	60,167	76,479	76,479
65	78,833	73,076	84,565	80,246	74,770	85,740	70,325	62,516	77,684	66,732	58,113	74,922	74,922
66	77,327	71,244	83,381	78,766	72,955	84,590	68,600	60,526	76,232	64,890	56,039	73,337	73,337
67	75,740	69,325	82,122	77,199	71,046	83,360	66,834	58,499	74,737	63,015	53,941	71,715	71,715
68	74,059	67,305	80,776	75,532	69,027	82,040	65,011	56,423	73,180	61,092	51,805	70,035	70,035
69	72,267	65,161	79,330	73,750	66,877	80,618	63,109	54,279	71,534	59,098	49,612	68,270	68,270
70	70,353	62,881	77,772	71,841	64,581	79,082	61,111	52,055	69,778	57,018	47,350	66,401	66,401
71	68,312	60,462	76,096	69,801	62,139	77,427	59,013	49,749	67,903	54,848	45,018	64,419	64,419
72	66,149	57,916	74,299	67,634	59,561	75,649	56,823	47,373	65,916	52,598	42,630	62,332	62,332
73	63,872	55,256	72,383	65,347	56,860	73,748	54,557	44,945	63,830	50,284	40,203	60,154	60,154
74	61,491	52,503	70,350	62,949	54,057	71,724	52,236	42,489	61,666	47,926	37,763	57,904	57,904
75	59,016	49,675	68,200	60,450	51,169	69,577	49,877	40,023	59,437	45,540	35,329	55,597	55,597
76	56,452	46,785	65,931	57,853	48,210	67,303	47,486	37,558	57,145	43,133	32,914	53,236	53,236
77	53,800	43,842	63,538	55,162	45,191	64,966	45,061						

SECTION 6 - LIFE TABLES - PAGE 11

Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1986

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
0	74.8	71.3	78.3	75.4	72.0	78.8	71.2	67.2	75.1	69.4	65.2	73.5
1	74.6	71.1	78.0	75.1	71.7	78.4	71.3	67.4	75.1	69.7	65.5	73.7
2	73.6	70.2	77.0	74.2	70.8	77.5	70.4	66.4	74.2	68.7	64.6	72.8
3	72.7	69.2	76.1	73.2	69.8	76.5	69.4	65.5	73.2	67.8	63.6	71.9
4	71.7	68.2	75.1	72.2	68.8	75.5	68.5	64.5	72.3	66.9	62.7	70.9
5	70.7	67.3	74.1	71.3	67.8	74.6	67.5	63.6	71.3	65.9	61.7	69.9
6	69.8	66.3	73.1	70.3	66.9	73.6	66.5	62.6	70.3	64.9	60.7	69.0
7	68.8	65.3	72.2	69.3	65.9	72.6	65.6	61.6	69.4	63.9	59.8	68.0
8	67.8	64.3	71.2	68.3	64.9	71.6	64.6	60.6	68.4	63.0	58.8	67.0
9	66.8	63.3	70.2	67.3	63.9	70.6	63.6	59.7	67.4	62.0	57.8	66.0
10	65.8	62.4	69.2	66.3	62.9	69.6	62.6	58.7	66.4	61.0	56.8	65.0
11	64.8	61.4	68.2	65.3	61.9	68.6	61.6	57.7	65.4	60.0	55.8	64.1
12	63.8	60.4	67.2	64.3	61.0	67.7	60.7	56.7	64.4	59.0	54.9	63.1
13	62.9	59.4	66.2	63.4	60.0	66.7	59.7	55.7	63.4	58.1	53.9	62.1
14	61.9	58.4	65.2	62.4	59.0	65.7	58.7	54.8	62.5	57.1	52.9	61.1
15	60.9	57.5	64.3	61.4	58.0	64.7	57.7	53.8	61.5	56.1	52.0	60.1
16	59.9	56.5	63.3	60.5	57.1	63.7	56.8	52.8	60.5	55.1	51.0	59.1
17	59.0	55.6	62.3	59.5	56.1	62.8	55.8	51.9	59.5	54.2	50.1	58.2
18	58.0	54.6	61.3	58.6	55.2	61.8	54.8	51.0	58.6	53.2	49.1	57.2
19	57.1	53.7	60.4	57.6	54.3	60.8	53.9	50.0	57.6	52.3	48.2	56.2
20	56.2	52.8	59.4	56.7	53.4	59.9	53.0	49.1	56.6	51.3	47.3	55.3
21	55.2	51.9	58.4	55.7	52.5	58.9	52.0	48.2	55.7	50.4	46.4	54.3
22	54.3	51.0	57.5	54.8	51.5	57.9	51.1	47.3	54.7	49.5	45.5	53.3
23	53.3	50.1	56.5	53.8	50.6	56.9	50.2	46.4	53.7	48.6	44.6	52.4
24	52.4	49.2	55.5	52.9	49.7	56.0	49.3	45.5	52.8	47.7	43.7	51.4
25	51.5	48.2	54.6	52.0	48.8	55.0	48.3	44.7	51.8	46.7	42.8	50.5
26	50.5	47.3	53.6	51.0	47.9	54.0	47.4	43.8	50.9	45.8	42.0	49.5
27	49.6	46.4	52.6	50.1	47.0	53.1	46.5	42.9	49.9	44.9	41.1	48.6
28	48.7	45.5	51.7	49.1	46.0	52.1	45.6	42.0	49.0	44.0	40.2	47.6
29	47.7	44.6	50.7	48.2	45.1	51.1	44.7	41.1	48.0	43.1	39.4	46.7
30	46.8	43.7	49.7	47.2	44.2	50.1	43.8	40.3	47.1	42.2	38.5	45.7
31	45.8	42.7	48.8	46.3	43.2	49.2	42.9	39.4	46.1	41.3	37.7	44.8
32	44.9	41.8	47.8	45.3	42.3	48.2	42.0	38.5	45.2	40.5	36.8	43.9
33	44.0	40.9	46.8	44.4	41.4	47.2	41.1	37.7	44.3	39.6	36.0	43.0
34	43.0	40.0	45.9	43.4	40.5	46.3	40.2	36.8	43.3	38.7	35.2	42.1
35	42.1	39.1	44.9	42.5	39.5	45.3	39.3	36.0	42.4	37.8	34.3	41.1
36	41.2	38.2	44.0	41.6	38.6	44.3	38.4	35.1	41.5	37.0	33.5	40.2
37	40.2	37.3	43.0	40.6	37.7	43.4	37.6	34.3	40.6	36.1	32.7	39.3
38	39.3	36.4	42.1	39.7	36.8	42.4	36.7	33.5	39.7	35.3	31.9	38.4
39	38.4	35.5	41.1	38.7	35.9	41.5	35.8	32.6	38.7	34.4	31.1	37.5
40	37.4	34.5	40.2	37.8	34.9	40.5	34.9	31.8	37.8	33.6	30.3	36.6
41	36.5	33.6	39.2	36.9	34.0	39.6	34.1	31.0	36.9	32.7	29.5	35.7
42	35.6	32.8	38.3	36.0	33.1	38.6	33.2	30.2	36.0	31.9	28.7	34.8
43	34.7	31.9	37.3	35.0	32.2	37.7	32.4	29.4	35.1	31.1	28.0	34.0
44	33.8	31.0	36.4	34.1	31.3	36.7	31.5	28.6	34.3	30.2	27.2	33.1
45	32.9	30.1	35.5	33.2	30.4	35.8	30.7	27.8	33.4	29.4	26.4	32.2
46	32.0	29.2	34.6	32.3	29.5	34.9	29.9	27.0	32.5	28.6	25.7	31.4
47	31.1	28.4	33.7	31.4	28.7	33.9	29.0	26.2	31.6	27.8	24.9	30.5
48	30.2	27.5	32.8	30.5	27.8	33.0	28.2	25.4	30.8	27.0	24.1	29.7
49	29.4	26.6	31.8	29.6	26.9	32.1	27.4	24.6	29.9	26.2	23.4	28.8
50	28.5	25.8	31.0	28.8	26.1	31.2	26.6	23.9	29.1	25.5	22.7	28.0
51	27.6	25.0	30.1	27.9	25.2	30.3	25.8	23.1	28.2	24.7	22.0	27.2
52	26.8	24.1	29.2	27.0	24.4	29.4	25.1	22.4	27.4	24.0	21.3	26.4
53	26.0	23.3	28.3	26.2	23.6	28.6	24.3	21.7	26.6	23.2	20.6	25.6
54	25.1	22.5	27.5	25.3	22.7	27.7	23.5	21.0	25.8	22.5	19.9	24.8
55	24.3	21.8	26.6	24.5	21.9	26.8	22.8	20.3	25.0	21.8	19.3	24.0
56	23.5	21.0	25.8	23.7	21.2	26.0	22.1	19.6	24.2	21.1	18.6	23.3
57	22.7	20.2	24.9	22.9	20.4	25.1	21.3	19.0	23.4	20.4	18.0	22.5
58	21.9	19.5	24.1	22.1	19.6	24.3	20.6	18.3	22.7	19.7	17.3	21.8
59	21.2	18.8	23.3	21.3	18.9	23.4	19.9	17.7	21.9	19.0	16.7	21.0
60	20.4	18.0	22.5	20.6	18.2	22.6	19.3	17.0	21.2	18.4	16.1	20.3
61	19.7	17.3	21.7	19.8	17.5	21.8	18.6	16.4	20.5	17.7	15.5	19.6
62	18.9	16.7	20.9	19.1	16.8	21.0	18.0	15.8	19.8	17.1	15.0	19.0
63	18.2	16.0	20.1	18.3	16.1	20.2	17.3	15.3	19.1	16.5	14.4	18.3
64	17.5	15.3	19.4	17.6	15.4	19.5	16.7	14.7	18.4	15.9	13.9	17.7
65	16.8	14.7	18.6	16.9	14.8	18.7	16.1	14.1	17.7	15.4	13.4	17.0
66	16.2	14.1	17.9	16.2	14.1	18.0	15.5	13.6	17.1	14.8	12.9	16.4
67	15.5	13.4	17.1	15.6	13.5	17.2	14.9	13.1	16.4	14.2	12.3	15.7
68	14.8	12.8	16.4	14.9	12.9	16.5	14.3	12.5	15.7	13.6	11.8	15.1
69	14.2	12.2	15.7	14.2	12.3	15.8	13.7	12.0	15.1	13.1	11.3	14.5
70	13.6	11.7	15.0	13.6	11.7	15.1	13.2	11.5	14.5	12.5	10.8	13.9
71	12.9	11.1	14.3	13.0	11.1	14.4	12.6	11.0	13.8	12.0	10.4	13.3
72	12.4	10.6	13.7	12.4	10.6	13.7	12.1	10.5	13.2	11.5	9.9	12.7
73	11.8	10.1	13.0	11.8	10.1	13.0	11.6	10.1	12.7	11.0	9.5	12.1
74	11.2	9.6	12.4	11.2	9.6	12.4	11.0	9.6	12.1	10.5	9.1	11.6
75	10.7	9.1	11.7	10.7	9.1	11.8	10.5	9.2	11.5	10.1	8.7	11.1
76	10.1	8.6	11.1	10.1	8.6	11.1	10.1	8.7	11.0	9.6	8.3	10.5
77	9.6	8.2	10.5	9.6	8.1	10.5	9.6	8.3	10.4	9.1	7.9	10.0
78	9.1	7.7	9.9	9.1	7.7	9.9	9.1	7.9	9.9	8.7	7.5	9.5
79	8.6	7.3	9.4	8.6	7.3	9.4	8.6	7.5	9.4	8.3	7.2	9.0
80	8.1	6.9	8.8	8.1	6.9	8.8	8.2	7.1	8.9	7.9	6.8	8.5
81	7.7	6.5	8.3	7.6	6.5	8.3	7.8	6.8	8.4	7.5	6.5	8.1
82	7.2	6.1	7.8	7.2	6.1	7.8	7.4	6.5	7.9	7.1	6.2	7.7
83	6.8	5.8	7.3	6.8	5.7	7.3	7.0	6.2	7.5	6.8	5.9	7.3
84	6.4	5.5	6.8	6.4	5.4	6.8	6.7	5.9	7.1	6.5	5.7	7.0
85	6.0	5.2	6.4	6.0	5.1	6.4	6.4	5.7	6.8	6.3	5.5	6.7



SECTION 6 - LIFE TABLES - PAGE 12

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1986

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. For 1900-1902 to 1929-31, figures for "All other, male" and "All other, female" include only the black population. However, in no case did the black population comprise less than 95 percent of the corresponding "All other" population. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Age, race, and sex	Number of survivors out of 100,000 born alive (lx)									
	1986	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
<b>WHITE, MALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,958	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,784	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,669	98,357	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,501	98,176	97,208	96,503	95,728	93,088	90,074	86,546	80,549	78,037
20	97,894	97,525	96,480	95,308	94,104	91,241	87,371	83,061	77,047	74,376
25	97,086	96,616	95,524	94,106	92,294	89,241	85,707	81,688	77,047	73,907
30	96,325	95,793	94,716	93,401	91,489	88,489	84,989	80,888	74,810	71,219
35	95,457	94,980	93,843	92,589	90,543	87,713	83,812	78,441	72,108	68,245
40	94,443	93,984	92,631	91,227	89,173	86,880	81,457	75,733	68,848	64,954
45	93,051	92,494	90,725	89,002	87,285	84,285	78,345	72,696	65,115	61,369
50	90,973	90,105	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	87,644	86,303	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	82,435	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	74,770	72,393	66,343	65,634	63,541	58,305	52,964	50,663	39,245	37,645
70	64,581	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	51,169	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	35,879	32,788	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,266
85	20,625	18,538	13,527	13,065	12,015	9,013	7,572	8,154	5,145	5,252
<b>ALL OTHER, MALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,262	97,939	96,592	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5	97,951	97,559	96,038	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10	97,769	97,337	95,716	94,234	93,453	89,211	87,311	83,768	66,377	61,730
15	97,585	97,113	95,385	93,874	92,965	88,417	86,152	82,332	64,478	59,667
20	96,959	96,431	94,293	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25	95,839	95,200	92,267	91,825	90,285	84,055	79,516	74,540	57,736	53,285
30	94,455	93,666	90,106	90,270	88,327	80,865	75,083	70,344	54,073	49,867
35	92,708	91,891	87,597	88,331	85,940	77,185	70,049	65,873	49,865	46,541
40	90,462	89,645	84,378	85,744	82,832	72,830	64,710	61,353	45,414	42,989
45	87,572	86,572	80,163	82,075	78,686	67,514	58,432	56,589	40,563	39,230
50	83,881	82,153	74,748	77,239	72,891	60,766	51,748	51,880	35,427	34,766
55	78,549	76,019	67,808	70,351	65,122	52,867	44,436	46,581	29,754	29,987
60	71,675	68,093	58,396	61,669	55,535	44,370	36,790	40,506	23,750	24,194
65	62,516	58,517	49,607	51,392	45,198	35,912	29,314	34,042	17,806	19,015
70	52,055	47,796	39,025	39,914	35,018	27,688	21,741	26,923	12,923	13,829
75	40,023	36,191	27,789	29,064	25,472	19,765	14,419	18,554	7,494	8,892
80	27,723	24,969	17,999	19,994	16,904	12,352	8,239	11,615	3,894	4,831
85	15,755	14,454	10,811	11,620	9,896	6,492	3,660	5,605	1,747	2,030
<b>WHITE, FEMALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,220	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	99,060	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	98,973	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	98,876	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,635	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,381	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	98,115	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,786	97,445	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,323	96,913	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,563	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,365	94,710	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,401	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,406	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	85,740	84,764	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	79,082	78,139	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	69,577	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	56,812	55,770	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	40,155	38,774	30,490	28,046	21,348	14,487	10,937	9,909	7,152	7,149
<b>ALL OTHER, FEMALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,597	98,261	97,235	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5	98,342	97,958	96,772	95,543	95,055	91,710	90,185	87,149	72,768	68,056
10	98,203	97,806	96,546	95,265	94,679	91,092	89,201	85,607	70,508	65,111
15	98,095	97,669	96,353	95,057	94,343	90,363	88,088	83,954	68,218	62,384
20	97,867	97,404	95,917	94,660	93,544	88,505	85,078	80,154	64,764	59,053
25	97,502	96,996	95,247	94,005	92,336	85,961	81,067	75,359	61,430	55,795
30	96,988	96,441	94,370	93,070	90,799	83,147	76,816	70,633	58,281	52,773
35	96,247	95,719	93,123	91,670	88,805	79,879	72,192	65,857	54,595	49,567
40	95,271	94,646	91,247	89,676	86,052	75,908	67,271	61,130	50,568	46,146
45	93,812	93,009	88,608	86,793	82,257	71,061	61,365	56,230	45,947	42,279
50	91,733	90,523	84,964	82,979	77,007	64,886	54,920	50,780	40,886	37,681
55	88,548	86,951	80,162	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60	84,185	82,000	73,984	69,941	61,758	49,102	38,761	37,954	28,908	27,524
65	77,684	75,382	66,064	60,825	52,358	40,718	30,852	31,044	22,302	21,995
70	69,778	67,147	56,375	51,274	42,612	32,579	24,107	24,107	15,871	16,140
75	59,437	56,499	44,841	40,540	32,981	24,668	16,576	17,216	10,657	11,066
80	47,151	44,378	33,373	30,315	23,712	17,157	10,822	11,151	6,324	6,708
85	32,206	30,543	22,763	19,744	15,550	10,658	6,033	5,972	3,029	3,567

SECTION 6 - LIFE TABLES - PAGE 13

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1986—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. For 1900-1902 to 1929-31, figures for "All other, male" and "All other, female" include only the black population. However, in no case did the black population comprise less than 95 percent of the corresponding "All other" population. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix.]

Age, race, and sex	Average number of years of life remaining (e <sub>x</sub> )									
	1986	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
<b>WHITE, MALE</b>										
0	72.0	70.82	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	71.7	70.70	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	67.8	66.87	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	62.9	61.98	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15	58.0	57.09	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	53.4	52.45	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	48.8	47.92	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	44.2	43.31	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35	39.5	38.66	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40	34.9	34.04	31.87	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45	30.4	29.55	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50	26.1	25.26	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	21.9	21.25	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	18.2	17.56	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	14.8	14.26	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	11.7	11.35	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75	9.1	8.87	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80	6.9	6.76	6.18	6.09	5.88	5.38	5.26	5.47	5.09	5.10
85	5.1	5.09	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
<b>ALL OTHER, MALE</b>										
0	67.2	65.63	60.98	61.48	58.91	52.33	47.55	47.14	34.05	32.54
1	67.4	66.01	62.13	63.50	61.06	56.05	51.08	51.63	42.53	42.46
5	63.6	62.26	58.48	59.98	57.69	53.13	48.69	50.18	44.25	45.06
10	58.7	57.40	53.67	55.19	52.96	48.54	44.27	45.99	40.65	41.90
15	53.8	52.52	48.84	50.39	48.23	43.95	39.83	41.75	36.77	38.26
20	49.1	47.87	44.37	45.78	43.73	39.74	35.95	38.36	33.46	35.11
25	44.7	43.46	40.29	41.38	39.49	35.94	32.67	35.54	30.44	32.21
30	40.3	39.13	36.20	37.05	35.31	32.25	29.45	32.51	27.33	29.25
35	36.0	34.83	32.16	32.81	31.21	28.67	26.39	29.54	24.42	26.16
40	31.8	30.64	28.29	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45	27.8	26.63	24.64	24.89	23.59	22.02	20.59	23.55	18.85	20.09
50	23.9	22.92	21.24	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55	20.3	19.56	18.14	18.11	17.36	16.67	15.46	17.50	13.82	14.69
60	17.0	16.54	15.35	15.29	14.91	14.38	13.15	14.74	11.67	12.62
65	14.1	13.83	12.87	12.84	12.75	12.18	10.87	12.07	9.74	10.38
70	11.5	11.36	10.68	10.81	10.74	10.06	8.78	9.58	8.00	8.33
75	9.2	9.20	8.99	8.93	8.83	8.09	6.99	7.61	6.58	6.60
80	7.1	7.22	7.57	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85	5.7	5.69	6.04	5.08	5.38	5.08	4.30	4.53	4.48	4.04
<b>WHITE, FEMALE</b>										
0	78.8	78.22	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	78.4	77.98	75.66	74.68	72.77	68.93	64.93	61.51	56.69	54.39
5	74.6	74.13	71.86	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10	69.6	69.21	66.97	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15	64.7	64.29	62.07	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20	59.9	59.44	57.24	56.29	54.56	51.38	48.52	46.46	44.88	43.77
25	55.0	54.60	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	50.1	49.76	47.60	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35	45.3	44.93	42.82	41.84	40.28	37.70	35.73	34.86	33.09	32.82
40	40.5	40.16	38.12	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45	35.8	35.49	33.54	32.53	31.12	28.90	27.39	26.98	25.45	25.51
50	31.2	30.96	29.11	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55	26.8	26.61	24.85	23.81	22.58	20.73	19.60	19.40	18.18	18.43
60	22.6	22.45	20.79	19.69	18.64	17.00	16.05	15.93	14.92	15.23
65	18.7	18.55	16.93	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70	15.1	14.89	13.37	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75	11.8	11.58	10.21	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80	8.8	8.65	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85	6.4	6.32	5.54	4.66	4.83	4.34	4.24	4.24	4.06	4.10
<b>ALL OTHER, FEMALE</b>										
0	75.1	74.00	69.05	66.47	62.70	55.51	49.51	46.92	37.67	35.04
1	75.1	74.31	70.01	68.10	64.37	58.47	52.33	50.39	45.15	43.54
5	71.3	70.53	66.34	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10	66.4	65.64	61.49	59.72	56.17	50.83	45.33	44.54	42.84	43.02
15	61.5	60.73	56.60	54.85	51.36	46.22	40.87	40.36	39.19	39.79
20	56.6	55.88	51.85	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25	51.8	51.11	47.19	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30	47.1	46.39	42.61	40.83	38.02	34.52	30.67	31.48	29.61	30.70
35	42.4	41.72	38.14	36.41	33.82	30.83	27.47	28.58	26.44	27.52
40	37.8	37.16	33.87	32.16	29.82	27.31	24.30	25.60	23.34	24.37
45	33.4	32.77	29.80	28.14	26.07	24.00	21.39	22.61	20.43	21.36
50	29.1	28.59	25.97	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55	25.0	24.66	22.37	20.89	19.62	18.44	16.27	17.09	14.98	15.88
60	21.2	20.99	19.02	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65	17.7	17.60	15.99	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70	14.5	14.44	13.30	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75	11.5	11.68	11.06	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80	8.9	9.17	9.01	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85	6.8	7.19	7.07	5.44	6.15	6.38	5.48	5.22	5.09	5.10

SECTION 6 - LIFE TABLES - PAGE 14

Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-86

[For selected years, life table values shown are estimates; see Technical Appendix. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

Area and year	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES <sup>1</sup>												
1986	74.8	71.3	78.3	75.4	72.0	78.8	71.2	67.2	75.1	69.4	65.2	73.5
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3	66.0	61.7	70.3
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3	65.0	60.9	69.3
1972 <sup>2</sup>	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1	64.7	60.4	69.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8	64.6	60.5	68.9
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1969	70.5	66.8	74.4	71.4	67.7	75.3	64.5	60.6	68.6	---	---	---
1968	70.2	66.6	74.1	71.1	67.5	75.0	64.1	60.4	67.9	---	---	---
1967	70.5	67.0	74.3	71.4	67.8	75.2	64.9	61.4	68.5	---	---	---
1966	70.2	66.7	73.9	71.1	67.5	74.8	64.2	60.9	67.6	---	---	---
1965	70.2	66.8	73.8	71.1	67.6	74.8	64.3	61.2	67.6	---	---	---
1964	70.2	66.8	73.7	71.0	67.7	74.7	64.2	61.3	67.3	---	---	---
1963 <sup>3</sup>	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	---	---	---
1962 <sup>3</sup>	70.1	66.9	73.5	70.9	67.7	74.5	64.2	61.6	66.9	---	---	---
1961	70.2	67.1	73.6	71.0	67.8	74.6	64.5	62.0	67.1	---	---	---
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	---	---	---
1959	69.9	66.8	73.2	70.7	67.5	74.2	63.9	61.3	66.5	---	---	---
1958	69.6	66.6	72.9	70.5	67.4	73.9	63.4	61.0	65.8	---	---	---
1957	69.5	66.4	72.7	70.3	67.2	73.7	63.0	60.7	65.5	---	---	---
1956	69.7	66.7	72.9	70.5	67.5	73.9	63.6	61.3	66.1	---	---	---
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1	---	---	---
1954	69.6	66.7	72.8	70.5	67.5	73.7	63.4	61.1	65.9	---	---	---
1953	68.8	66.0	72.0	69.7	66.8	73.0	62.0	59.7	64.5	---	---	---
1952	68.6	65.8	71.6	69.5	66.6	72.6	61.4	59.1	63.8	---	---	---
1951	68.4	65.6	71.4	69.3	66.5	72.4	61.2	59.2	63.4	---	---	---
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	---	---	---
1949	68.0	65.2	70.7	68.8	66.2	71.9	60.6	58.9	62.7	---	---	---
1948	67.2	64.6	69.9	68.0	65.5	71.0	60.0	58.1	62.5	---	---	---
1947	66.8	64.4	69.7	67.6	65.2	70.5	59.7	57.9	61.9	---	---	---
1946	66.7	64.4	69.4	67.5	65.1	70.3	59.1	57.5	61.0	---	---	---
1945	65.9	63.6	67.9	66.8	64.4	69.5	57.7	56.1	59.6	---	---	---
1944	65.2	63.6	66.8	66.2	64.5	68.4	56.6	55.8	57.7	---	---	---
1943	63.9	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1	---	---	---
1942	65.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	58.2	---	---	---
1941	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	55.3	---	---	---
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9	---	---	---
1939	63.7	62.1	65.4	64.9	63.3	66.6	54.5	53.2	56.0	---	---	---
1938	63.5	61.9	65.3	65.0	63.2	66.8	52.9	51.7	54.3	---	---	---
1937	60.0	58.0	62.4	61.4	59.3	63.8	50.3	48.3	52.5	---	---	---
1936	58.5	56.6	60.6	59.8	58.0	61.9	49.0	47.0	51.4	---	---	---
1935	61.7	59.9	63.9	62.9	61.0	65.0	53.1	51.3	55.2	---	---	---
1934	61.1	59.3	63.3	62.4	60.5	64.6	51.8	50.2	53.7	---	---	---
1933	63.3	61.7	65.1	64.3	62.7	66.3	54.7	53.5	56.0	---	---	---
1932	62.1	61.0	63.5	63.2	62.0	64.5	53.7	52.8	54.6	---	---	---
1931	61.1	59.4	63.1	62.6	60.8	64.7	50.4	49.5	51.5	---	---	---
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2	---	---	---
1929	57.1	55.8	58.7	58.6	57.2	60.3	46.7	45.7	47.8	---	---	---
DEATH-REGISTRATION STATES												
1928	56.8	55.6	58.3	58.4	57.0	60.0	46.3	45.6	47.0	---	---	---
1927	60.4	59.0	62.1	62.0	60.5	63.9	48.2	47.6	48.9	---	---	---
1926	56.7	55.5	58.0	58.2	57.0	59.6	44.6	43.7	45.6	---	---	---
1925	59.0	57.6	60.6	60.7	59.3	62.4	45.7	44.9	46.7	---	---	---
1924	59.7	58.1	61.5	61.4	59.8	63.4	46.6	45.5	47.8	---	---	---
1923	57.2	56.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9	---	---	---
1922	59.6	58.4	61.0	60.4	59.1	61.9	52.4	51.8	53.0	---	---	---
1921	60.8	60.0	61.8	61.8	60.8	62.9	51.5	51.6	51.3	---	---	---
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2	---	---	---
1919	54.7	53.5	56.0	55.8	54.5	57.4	44.5	44.5	44.4	---	---	---
1918	39.1	36.6	42.2	39.8	37.1	43.2	31.1	29.9	32.5	---	---	---
1917	50.9	48.4	54.0	52.0	49.3	55.3	38.8	37.0	40.8	---	---	---
1916	51.7	49.6	54.3	52.5	50.2	55.2	41.3	39.6	43.1	---	---	---
1915	54.5	52.5	56.8	55.1	53.1	57.5	38.9	37.5	40.5	---	---	---
1914	54.2	52.0	56.8	54.9	52.7	57.5	38.9	37.1	40.8	---	---	---
1913	52.5	50.3	55.0	53.0	50.8	55.7	38.4	36.7	40.3	---	---	---
1912	53.5	51.5	55.9	53.9	51.9	56.2	37.9	35.9	40.0	---	---	---
1911	52.6	50.9	54.4	53.0	51.3	54.9	36.4	34.6	38.2	---	---	---
1910	50.0	48.4	51.8	50.3	48.6	52.0	35.6	33.8	37.5	---	---	---
1909	52.1	50.5	53.8	52.5	50.9	54.2	35.7	34.2	37.3	---	---	---
1908	51.1	49.5	52.8	51.5	49.9	53.3	34.9	33.8	36.0	---	---	---
1907	47.6	45.6	49.9	48.1	46.0	50.4	32.5	31.1	34.0	---	---	---
1906	48.7	46.9	50.8	49.3	47.3	51.4	32.9	31.8	33.9	---	---	---
1905	48.7	47.3	50.2	49.1	47.6	50.6	31.3	29.6	33.1	---	---	---
1904	47.6	46.2	49.1	48.0	46.6	49.5	30.8	29.1	32.7	---	---	---
1903	50.5	49.1	52.0	50.9	49.5	52.5	33.1	31.7	34.6	---	---	---
1902	51.5	49.8	53.4	51.9	50.2	53.8	34.6	32.9	36.4	---	---	---
1901	49.1	47.6	50.6	49.4	48.0	51.0	33.7	32.2	35.3	---	---	---
1900	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5	---	---	---

<sup>1</sup> Alaska included in 1959 and Hawaii in 1960.  
<sup>2</sup> Deaths based on a 50-percent sample.  
<sup>3</sup> Figures by race exclude data for residents of New Jersey; see Technical Appendix.

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