
Vital Statistics
of the
United States, 1991

LIFE • TABLES

A large, stylized white mathematical symbol e_x is centered on a black background. The 'e' is a cursive-style letter with a small circle above it, and the 'x' is a cursive-style letter below it.

Volume II, Section 6

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	TABLE: 6	-1	-2	-3	-4	-5
	PAGE:	7	11	12	13	19
Years:						
1900-1991 -----						15
1991 only-----	1	2	3			
Specified years and 1991-----			2 ⁴			
Type of entry:						
Proportion dying (${}_nq_x$) -----	1					
Number surviving (l_x) -----	1	2		4		
Number dying (${}_nd_x$)-----	1					
Stationary population (${}_nL_x$ and T_x)-----	1					
Average remaining lifetime (${}^o e_x$)-----	1		3	4		
Average length of life (${}^o e_o$)-----						5
Characteristics:						
Age by:						
Single years -----		2	3			
5-year intervals-----	1			4		
Race-specific -----	1	2	3	4	5	
Sex-race specific -----	1	2	3	4	5	
Sex-specific-----	1	2	3	4	5	
Total population -----	1	2	3	4	5	

¹Entire United States for 1929-91; death-registration States for 1900-28.

²Entire United States for specified years from 1929 to 1991; 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 through 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 life tables entirely on the basis of actual data for cohorts born in this century (1). It is necessary to project data for the incomplete period for cohorts whose life spans are not yet complete (2).

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 1991 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1991. 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 by 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 postcensal 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 (3). Methodology developed by Greville was used in constructing life tables for 1945–52. Since 1953 a modified method has been employed (4). U.S. life tables for the decennial period 1979–81 are used as the standard table in constructing the 1991 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 (CMS). The CMS 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.

NOTE: This report was prepared in the Division of Vital Statistics. Bettie L. Hudson, Mortality Statistics Branch, wrote this report. Jeffrey D. Maurer and Thomas D. Dunn provided content review. Charles E. Royer provided computer programming support. Registration Methods Branch and the Technical Services Branch provided consultation to State vital statistics offices regarding collection of the death certificate data on which this report is based. This report was edited by Demarius V. Miller and typeset by Zung Le of the Publications Branch, Division of Data Services.

SECTION 6 – LIFE TABLES – PAGE 2

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, 1990, and 1991

Life table value, period, and age	Total	All other					
		White		Total		Black	
		Male	Female	Male	Female	Male	Female
Expectation of life							
At birth:							
1991	75.5	72.9	79.6	67.3	75.5	64.6	73.8
1990	75.4	72.7	79.4	67.0	75.2	64.5	73.6
1979–81	73.88	70.82	78.22	65.63	74.00	64.10	73.88
1969–71	70.75	67.94	75.49	60.98	69.05	69.00	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:							
1991	75.2	72.5	79.1	67.4	75.5	64.9	73.9
1990	75.1	72.3	78.9	67.2	75.3	65.8	73.8
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:							
1991	56.8	54.1	60.4	49.3	57.0	46.9	55.4
1990	56.6	54.0	60.3	49.0	56.8	46.7	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:							
1991	17.4	15.4	19.2	14.3	17.9	13.4	17.2
1990	17.2	15.2	19.1	14.0	17.8	13.2	17.2
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

Life table values

The data used to prepare the abridged U.S. life tables for 1991 are the final mortality statistics and the July 1, 1991, population estimates by age, race, and sex prepared by the U.S. Bureau of the Census. Selected life table values for 1900–1902, 1959–61, 1969–71, 1979–81, 1990, and 1991 are shown in tables A and B.

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 1991 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 1991 for the total population was 75.5 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 the longevity of the life table cohort is by determining the proportion who survive to specified ages. The l_x column provides the data for computing the proportion. For instance, for the total

population, 79,784 out of the original 1991 life table cohort of 100,000 (or 79.8 percent) were alive at exact age 65 (tables B 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 1991 the median age at death for the total population was 79.2 years (table B).

Trends and comparisons

In 1991 the life expectancy at birth reached a record high of 75.5 years. This continued the general upward trend in life expectancy in the United States.

The expectation of life at birth for 1991 represents the average number of years that a group of infants born in 1991 would expect to live if the infants were to experience throughout their life the age-specific death rates prevailing in 1991. In 1991 life expectancy at birth for females was 78.9 years compared with 72.0 years for males; both figures represent increases over 1990. The difference in life expectancy between the sexes was 6.9 years in 1991, smaller than the difference of

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Table B. 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, 1990, and 1991

Life table value, period, and age	Total	All other					
		White		Total		Black	
		Male	Female	Male	Female	Male	Female
Percent surviving from birth							
To age 1 year:							
1991	99.1	99.2	99.4	98.3	98.6	98.1	98.4
1990	99.1	99.1	99.3	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
To age 20 years:							
1991	98.3	98.2	98.8	96.7	97.9	96.2	97.7
1990	98.2	98.1	98.8	96.8	97.9	96.3	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
To age 65 years:							
1991	79.8	76.3	86.5	63.4	78.8	57.5	75.5
1990	79.6	76.0	86.4	62.7	78.3	57.1	75.1
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
Median age at death:							
1991	79.2	76.4	82.9	71.2	79.5	68.5	77.7
1990	79.0	76.2	82.8	70.9	79.3	68.3	77.6
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

7.0 years in 1990. Historically, the difference in life expectancy between the sexes has narrowed since 1979, in contrast to widening from 1900 to 1972. The difference was 6.8 years in 1989 compared with 7.1 years in 1984, 7.8 years in 1975, 7.7 years and 7.8 years throughout the period 1972–79, 6.5 years in 1960, and 2.0 years in 1900.

Between 1990 and 1991, life expectancy for the white population increased from 76.1 years to a record high of 76.3 years, and for the black population from 69.1 years to 69.3 years. Although the difference in life expectancy between the black and white population narrowed from 7.6 years in 1970 to 5.7 years in 1982, it increased to 7.1 years in 1989 before declining to 7.0 years in 1990 and 1991.

Among the four race-sex groups (white males and females; black males and females), white females continued to have the highest life expectancy at birth (79.6 years), followed by black females (73.8 years), white males (72.9 years), and black males (64.6 years) (table A). Between 1990 and 1991, life expectancy increased for black males (from 64.5 years in 1990 to 64.6 years in 1991) and for black females (from 73.6 years in 1990 to 73.8 years in 1991). Between 1984 and 1989, life expectancy for black males declined every year and, although life expectancy for black males increased between 1990 and 1991, it is still 0.7 years below the peak life expectancy of 65.3 years attained in 1984. Before 1988, life expectancy for black females fluctuated,

but life expectancy for black females increased from 1988 to 1991. Between 1985 and 1991, life expectancy at birth increased each year for white males; for white females, it increased for 5 of the 6 years; for black females, for 3 of the 6 years; and for black males, for only 2 of the 6 years (table C). Overall, the largest gain in life expectancy between 1980 and 1991 was for white males (2.2 years), followed by white females (1.5 years), black females (1.3 years), and black males (0.8 years).

The 1991 life table can be used to compare life expectancies at any age from birth onward. For example, a person who has reached age 65 years may look forward to living to an older age, on the average, than one who has reached 50 years. On the basis of mortality experienced in 1991, a person aged 50 years could expect to live an average of 29.2 more years for a total of 79.2 years, and a person aged 65 years could expect to live an average of 17.4 more years for a total of 82.4 years (table A).

Life expectancy differences between males and females widened for many years after the beginning of the century, but recently the differences have narrowed for the white population and have widened for the black population (table D). For the white population the difference between males and females increased from 2.9 years in 1900–1902 to 7.6 years by 1969–71; the difference has narrowed to 6.7 years for 1988–91. For the black population, the difference increased from 2.5 years in

Table C. Average annual change in life expectancy at birth in years by race and sex: United States, 1900–1902 to 1969–71, 1969–71 to 1979–81, 1979–81 to 1984, 1984 to 1985, 1985 to 1986, 1986 to 1987, 1987 to 1988, 1988 to 1989, 1989 to 1990, and 1990 to 1991

Period	White		Black	
	Male	Female	Male	Female
1990 to 1991.....	+0.2	+0.2	+0.1	+0.2
1989 to 1990 ¹	+0.2	+0.2	+0.2	+0.3
1988 to 1989 ¹	+0.3	+0.3	-0.1	+0.1
1987 to 1988 ¹	+0.1	—	-0.3	-0.2
1986 to 1987 ¹	+0.2	+0.1	-0.1	—
1985 to 1986 ¹	+0.1	+0.1	-0.2	—
1984 to 1985 ¹	—	—	-0.3	-0.2
1979–81 to 1984 ¹	+0.3	+0.1	+0.4	+0.2
1969–71 to 1979–81.....	+0.3	+0.3	+0.4	+0.5
1900–1902 to 1969–71.....	+0.3	+0.4	+0.4	+0.5

¹Life table values for 1981–89 are revised and, therefore, may differ from those published in *Vital Statistics of the United States*, 1989 Life Tables, Volume II, Section 6 and earlier years.

1900–1902 to 8.8 years by 1979–81; it narrowed to 8.3 years by 1984, and increased to 9.2 years in 1991.

Technical appendix

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, 1961–89—Life table values for 1960–69, 1970–79, and 1980–89 are constructed using the U.S. decennial life tables for 1959–61, 1969–71, and 1979–81, respectively, as the standard tables. The life table values for 1981–89 appearing in this publication are based on revised intercensal estimates of the populations for those years. As a result, the life table values for 1981–89 may differ from the life table values for those years published in *Vital Statistics of the United States* for 1989 and earlier years.

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 (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 (5).

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 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 1991 life table values are based on the July 1, 1991, population estimates that are consistent with the 1990 census (6). The 1990 census counts by race and age were modified. Race was modified to be consistent with the Office of Management and Budget categories and historical categories for mortality data. The modification procedures for race and age are described in the census report (7).

Life table values in this report for 1981–89 are based on revised populations that are consistent with the 1990 census level (6). They are, therefore, not comparable with rates published in the previous years.

Explanation of the columns of the life table

Column 1—Age interval (x to $x + n$)—This column shows the age interval between the two exact ages indicated. For instance, “20–25” means the 5-year interval between the 20th and 25th birthdays.

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Table D. Differences in life expectancy at birth 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, 1984, 1985, 1986, 1987, 1988, 1989, 1990, and 1991

Period	Female-Male		White-Black	
	White	Black	Male	Female
1991	6.7	9.2	8.3	5.8
1990	6.7	9.1	8.2	5.8
1989 ¹	6.7	9.0	8.2	5.9
1988 ¹	6.7	8.8	7.8	5.7
1987 ¹	6.8	8.7	7.4	5.5
1986 ¹	6.9	8.6	7.1	5.4
1985 ¹	6.9	8.4	6.8	5.3
1984 ¹	6.9	8.3	6.5	5.1
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

¹Life table values for 1981–89 are revised and, therefore, may differ from those published in *Vital Statistics of the United States*, 1989 Life Tables, Volume II, Section 6 and earlier years.

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 0.00825: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 8 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, 99,002 will complete the first year of life and enter the second; 8,799 will begin the sixth year; 97,887 will reach age 20; and 22,646 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, 998 will die in the first year of life; 203 in the succeeding 4 years; 808 in the 5-year period between exact ages 20 and 25, and 22,646 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 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 years is 487,459. 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 487,459 persons between exact ages 20 and 25 years.

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 5,231,352 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 7,203,968.

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 487,459 for males in the age interval 20–25 is the total number of years lived

between the 20th and 25th birthdays by the 97,887 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,231,352 in column 6 is the total number of years lived after attaining age 20 by the 97,887 reaching that age. This number of years divided by the number of persons (5,231,352 divided by 97,887) gives 53.4 years as the average remaining lifetime of males at age 20.

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Symbols Used in Tables	
Data not available	---
Category not applicable
Quantity zero	—
Quantity more than zero but less than 0.05	0.0
Figure does not meet standards of reliability or precision (estimate is based on fewer than 20 events in numerator or denominator)	*

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1991
(Page 1 of 4)

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
ALL RACES						
0-1	0.00893	100,000	893	99,240	7,553,121	75.5
1-5 .....	.00187	99,107	185	385,995	7,453,881	75.2
5-10 .....	.00108	98,922	107	494,319	7,057,886	71.3
10-15 .....	.00127	98,815	125	493,832	6,563,567	66.4
15-20 .....	.00442	98,690	436	492,461	6,069,735	61.5
20-25 .....	.00550	98,254	540	488,947	5,577,274	56.8
25-30 .....	.00613	97,714	599	487,071	5,087,327	52.1
30-35 .....	.00768	97,115	746	483,754	4,600,256	47.4
35-40 .....	.00992	96,369	956	479,590	4,116,502	42.7
40-45 .....	.01265	95,413	1,207	474,263	3,636,912	38.1
45-50 .....	.01884	84,206	1,775	466,917	3,162,649	33.6
50-55 .....	.02836	92,431	2,621	456,014	2,695,732	29.2
55-60 .....	.04538	89,810	4,076	439,446	2,239,718	24.9
60-65 .....	.06940	85,734	5,950	414,601	1,800,272	21.0
65-70 .....	.10184	79,784	8,125	379,485	1,385,671	17.4
70-75 .....	.14927	71,659	10,697	332,483	1,006,186	14.0
75-80 .....	.21599	60,962	13,167	272,695	673,703	11.1
80-85 .....	.32005	47,795	15,297	200,940	401,008	8.4
85 and over	1.00000	32,498	32,498	200,068	200,068	6.2
MALE						
0-1 .....	.00998	100,000	998	99,148	7,203,968	72.0
1-5 .....	.00205	99,002	203	395,538	7,104,820	71.8
5-10 .....	.00123	98,799	122	493,662	6,709,282	67.9
10-15 .....	.00162	98,677	160	493,093	6,215,620	63.0
15-20 .....	.00639	98,517	630	491,175	5,722,527	58.1
20-25 .....	.00825	97,887	808	487,459	5,231,352	53.4
25-30 .....	.00909	97,079	882	483,166	4,743,893	48.9
30-35 .....	.01116	96,197	1,074	478,332	4,260,727	44.3
35-40 .....	.01404	95,123	1,336	472,444	3,782,395	39.8
40-45 .....	.01722	93,787	1,615	465,177	3,309,951	35.3
45-50 .....	.02457	92,172	2,265	455,618	2,844,774	30.9
50-55 .....	.03615	89,907	3,250	441,927	2,389,156	26.6
55-60 .....	.05793	86,657	5,020	421,441	1,947,229	22.5
60-65 .....	.08938	81,637	7,297	390,884	1,525,788	18.7
65-70 .....	.13205	74,340	9,817	348,078	1,134,904	15.3
70-75 .....	.19246	64,523	12,418	292,279	786,826	12.2
75-80 .....	.27612	52,105	14,387	224,685	494,547	9.5
80-85 .....	.39961	37,718	15,072	150,042	269,862	7.2
85 and over	1.00000	22,646	22,646	119,820	119,820	5.3
FEMALE						
0-1 .....	.00783	100,000	783	99,336	7,892,025	78.9
1-5 .....	.00168	99,217	167	396,468	7,792,689	78.5
5-10 .....	.00092	99,050	91	495,002	7,396,221	74.7
10-15 .....	.00090	98,959	89	494,603	6,901,219	69.7
15-20 .....	.00236	98,870	233	493,804	6,406,616	64.8
20-25 .....	.00262	98,637	258	492,552	5,912,812	59.9
25-30 .....	.00314	98,379	309	491,138	5,420,260	55.1
30-35 .....	.00425	98,070	417	489,356	4,929,122	50.3
35-40 .....	.00584	97,653	570	486,941	4,439,766	45.5
40-45 .....	.00818	97,083	794	483,577	3,952,825	40.7
45-50 .....	.01330	96,289	1,281	478,475	3,469,248	36.0
50-55 .....	.02095	95,008	1,990	470,374	2,990,773	31.5
55-60 .....	.03371	93,018	3,136	457,712	2,520,399	27.1
60-65 .....	.05154	89,882	4,633	438,502	2,062,687	22.9
65-70 .....	.07669	85,249	6,538	410,756	1,624,185	19.1
70-75 .....	.11553	78,711	9,093	371,990	1,213,429	15.4
75-80 .....	.17427	69,618	12,132	319,192	841,439	12.1
80-8527364	57,486	15,730	249,203	522,247	9.1
85 and over	1.00000	41,756	41,756	273,044	273,044	6.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1991—Con.
(Page 2 of 4)

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
WHITE						
0-1	0.00728	100,000	728	99,382	7,629,437	76.3
1-5 .....	.00165	99,272	164	396,704	7,530,055	75.9
5-10 .....	.00099	99,108	98	495,273	7,133,351	72.0
10-15 .....	.00119	99,010	118	494,825	6,638,078	67.0
15-20 .....	.00400	98,892	396	493,558	6,143,253	62.1
20-25 .....	.00476	98,496	469	491,322	5,649,695	57.4
25-30 .....	.00524	98,027	514	488,836	5,158,373	52.6
30-35 .....	.00662	97,513	646	485,986	4,669,537	47.9
35-40 .....	.00844	96,867	818	482,408	4,183,551	43.2
40-45 .....	.01098	96,049	1,055	477,802	3,701,143	38.5
45-50 .....	.01687	94,884	1,603	471,276	3,223,341	33.9
50-55 .....	.02582	93,391	2,411	461,331	2,752,065	29.5
55-60 .....	.04240	90,980	3,858	445,844	2,290,734	25.2
60-65 .....	.06630	87,122	5,776	421,996	1,844,890	21.2
65-70 .....	.09834	81,348	8,000	387,647	1,422,894	17.5
70-75 .....	.14604	73,346	10,711	340,940	1,035,247	14.1
75-80 .....	.21379	62,635	13,391	280,588	694,307	11.1
80-85 .....	.31827	49,244	15,673	207,295	413,719	8.4
85 and over	1.00000	33,571	33,571	206,424	206,424	6.1
WHITE, MALE						
0-1 .....	.00824	100,000	824	99,301	7,293,053	72.9
1-5 .....	.00180	99,176	179	396,290	7,193,752	72.5
5-10 .....	.00113	98,997	112	494,679	6,797,462	68.7
10-15 .....	.00151	98,885	149	494,159	6,302,783	63.7
15-20 .....	.00557	98,736	550	492,443	5,808,624	58.8
20-25 .....	.00709	98,186	696	489,213	5,316,181	54.1
25-30 .....	.00777	97,490	757	485,521	4,826,968	49.5
30-35 .....	.00971	96,733	939	481,340	4,341,447	44.9
35-40 .....	.01204	95,794	1,153	476,236	3,860,107	40.3
40-45 .....	.01496	94,641	1,416	469,924	3,383,871	35.8
45-50 .....	.02189	93,225	2,041	461,431	2,913,947	31.3
50-55 .....	.03285	91,184	2,995	448,942	2,452,516	26.9
55-60 .....	.05399	88,189	4,761	429,763	2,003,574	22.7
60-65 .....	.08553	83,428	7,136	400,284	1,573,811	18.9
65-70 .....	.12784	76,292	9,753	358,063	1,173,527	15.4
70-75 .....	.18888	66,539	12,568	302,058	815,464	12.3
75-80 .....	.27403	53,971	14,790	233,060	513,406	9.5
80-85 .....	.39834	39,181	15,607	155,987	280,346	7.2
85 and over	1.00000	23,574	23,574	124,359	124,359	5.3
WHITE, FEMALE						
0-1 .....	.00628	100,000	628	99,467	7,955,726	79.6
1-5 .....	.00149	99,372	148	397,132	7,856,259	79.1
5-10 .....	.00085	99,224	84	495,893	7,459,127	75.2
10-15 .....	.00086	99,140	85	495,520	6,963,234	70.2
15-20 .....	.00233	99,055	231	494,733	6,467,714	65.3
20-25 .....	.00231	98,824	228	493,554	5,972,981	60.4
25-30 .....	.00264	98,596	260	492,340	5,479,427	55.6
30-35 .....	.00349	98,336	343	490,861	4,987,087	50.7
35-40 .....	.00483	97,993	473	488,864	4,496,226	45.9
40-45 .....	.00701	97,520	684	486,020	4,007,362	41.1
45-50 .....	.01193	96,836	1,155	481,513	3,521,342	36.4
50-55 .....	.01902	95,681	1,820	474,153	3,039,829	31.8
55-60 .....	.03146	93,861	2,953	462,379	2,565,676	27.3
60-65 .....	.04880	90,908	4,436	444,127	2,103,297	23.1
65-70 .....	.07353	86,472	6,358	417,344	1,659,170	19.2
70-75 .....	.11229	80,114	8,996	379,296	1,241,826	15.5
75-80 .....	.17175	71,118	12,215	326,598	862,530	12.1
80-8527176	58,903	16,007	255,687	535,932	9.1
85 and over	1.00000	42,896	42,896	280,245	280,245	6.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1991—Con.
(Page 3 of 4)

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
ALL OTHER						
0-1	0.01509	100,000	1,509	98,709	7,145,577	71.5
1-5 .....	.00267	98,481	263	393,347	7,046,868	71.5
5-10 .....	.00143	98,228	140	490,753	6,653,521	67.7
10-15 .....	.00159	98,088	156	490,113	6,162,768	62.8
15-20 .....	.00611	97,932	598	489,332	5,672,655	57.9
20-25 .....	.00872	97,334	849	484,668	5,184,323	53.3
25-30 .....	.01025	96,485	989	480,024	4,698,655	48.7
30-35 .....	.01299	95,498	1,240	474,487	4,219,631	44.2
35-40 .....	.01734	94,258	1,634	467,417	3,745,144	39.7
40-45 .....	.02202	92,622	2,040	458,319	3,277,727	35.4
45-50 .....	.03068	90,582	2,779	446,384	2,819,408	31.1
50-55 .....	.04390	87,903	3,846	429,883	2,373,024	27.0
55-60 .....	.06453	83,957	5,418	406,795	1,943,141	23.1
60-65 .....	.09181	78,539	7,211	375,266	1,536,346	19.6
65-70 .....	.12937	71,328	9,228	334,137	1,161,080	16.3
70-75 .....	.17737	62,100	11,015	283,485	826,943	13.3
75-80 .....	.23652	51,085	12,083	225,362	543,458	10.6
80-85 .....	.33874	39,002	13,212	161,740	318,096	8.2
85 and over	1.00000	25,790	25,790	156,356	156,356	6.1
ALL OTHER, MALE						
0-1 .....	.01654	100,000	1,654	98,573	6,726,489	67.3
1-5 .....	.00296	98,346	291	392,711	6,627,916	67.4
5-10 .....	.00164	98,055	161	489,831	6,235,205	63.6
10-15 .....	.00209	97,894	205	489,060	5,745,374	58.7
15-20 .....	.00970	97,889	948	486,370	5,256,314	53.8
20-25 .....	.01354	96,741	1,310	480,628	4,769,944	49.3
25-30 .....	.01550	95,431	1,479	473,550	4,289,316	44.9
30-35 .....	.01884	93,952	1,770	465,453	3,815,766	40.6
35-40 .....	.02486	92,182	2,292	455,441	3,350,313	36.3
40-45 .....	.03081	89,890	2,770	442,910	2,894,872	32.2
45-50 .....	.04179	87,120	3,641	427,033	2,451,962	28.1
50-55 .....	.05754	83,478	4,803	405,947	2,024,929	24.3
55-60 .....	.08536	78,676	6,716	377,158	1,619,982	20.6
60-65 .....	.11958	71,960	8,605	339,858	1,241,824	17.3
65-70 .....	.16701	63,355	10,581	290,686	902,966	14.3
70-75 .....	.22550	52,774	11,901	234,268	612,280	11.6
75-80 .....	.29614	40,873	12,104	173,823	378,012	9.2
80-85 .....	.41200	28,769	11,853	113,494	204,189	7.1
85 and over	1.00000	16,916	16,916	90,695	90,695	5.4
ALL OTHER, FEMALE						
0-1 .....	.01358	100,000	1,358	98,850	7,548,067	75.5
1-5 .....	.00238	98,642	235	394,007	7,449,217	75.5
5-10 .....	.00121	98,407	119	491,706	7,055,210	71.7
10-15 .....	.00106	98,288	104	491,206	6,563,504	66.8
15-20 .....	.00243	98,184	239	490,372	6,072,298	61.8
20-25 .....	.00396	97,945	388	488,809	5,581,926	57.0
25-30 .....	.00536	97,557	523	486,533	5,093,117	52.2
30-35 .....	.00772	97,034	749	483,394	4,606,584	47.5
35-40 .....	.01070	96,285	1,030	479,028	4,123,190	42.8
40-45 .....	.01434	95,255	1,366	473,092	3,644,162	38.3
45-50 .....	.02107	93,889	1,978	464,818	3,171,070	33.8
50-55 .....	.03202	91,911	2,943	452,591	2,706,252	29.4
55-60 .....	.04736	88,968	4,214	434,821	2,253,661	25.3
60-65 .....	.07010	84,754	5,941	409,541	1,818,840	21.5
65-70 .....	.10057	78,813	7,926	374,971	1,409,299	17.9
70-75 .....	.14303	70,887	10,139	329,941	1,034,328	14.6
75-80 .....	.19722	60,748	11,981	274,346	704,387	11.6
80-8529284	48,767	14,281	208,379	430,041	8.8
85 and over	1.00000	34,486	34,486	221,662	221,662	6.4

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1991—Con.
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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
BLACK						
0-1	0.01757	100,000	1,757	98,486	6,925,567	69.3
1-5 .....	.00305	98,243	300	392,268	6,827,081	69.5
5-10 .....	.00160	97,943	157	489,279	6,434,813	65.7
10-15 .....	.00182	97,786	173	488,552	5,945,534	60.8
15-20 .....	.00703	97,608	686	486,521	5,456,982	55.9
20-25 .....	.01042	96,922	1,010	482,246	4,970,461	51.3
25-30 .....	.01235	95,912	1,185	476,704	4,488,215	46.8
30-35 .....	.01604	94,727	1,519	469,980	4,011,511	42.3
35-40 .....	.02153	93,208	2,007	461,483	3,541,531	38.0
40-45 .....	.02750	91,201	2,508	450,105	3,080,048	33.8
45-50 .....	.03801	88,693	3,371	435,528	2,629,943	29.7
50-55 .....	.05285	85,322	4,503	415,872	2,194,415	25.7
55-60 .....	.07599	80,813	6,141	389,296	1,778,543	22.0
60-65 .....	.10624	74,672	7,933	354,107	1,389,247	18.6
65-70 .....	.14681	66,739	9,798	309,725	1,035,140	15.5
70-75 .....	.19725	56,941	11,232	257,061	725,415	12.7
75-80 .....	.25526	45,709	11,668	199,404	468,354	10.2
80-85 .....	.35779	34,041	12,180	139,400	268,950	7.9
85 and over	1.00000	21,861	21,861	129,550	129,550	5.9
BLACK, MALE						
0-1 .....	.01939	100,000	1,939	98,317	6,461,583	64.6
1-5 .....	.00338	98,061	331	391,478	6,363,266	64.9
5-10 .....	.00182	97,730	178	488,157	5,971,788	61.1
10-15 .....	.00240	97,552	234	487,282	5,483,631	56.2
15-20 .....	.01137	97,318	1,107	484,173	4,996,349	51.3
20-25 .....	.01646	96,211	1,584	477,361	4,512,176	46.9
25-30 .....	.01884	94,627	1,783	468,819	4,034,815	42.6
30-35 .....	.02351	92,844	2,183	458,930	3,565,996	38.4
35-40 .....	.03121	90,661	2,830	446,541	3,107,066	34.3
40-45 .....	.03888	87,831	3,415	431,071	2,660,525	30.3
45-50 .....	.05275	84,416	4,453	411,552	2,229,454	26.4
50-55 .....	.07096	79,963	5,674	386,239	1,817,902	22.7
55-60 .....	.10168	74,289	7,554	353,134	1,431,663	19.3
60-65 .....	.13858	66,735	9,248	311,064	1,078,529	16.2
65-70 .....	.18981	57,487	10,912	260,436	767,465	13.4
70-75 .....	.25303	46,575	11,785	203,426	507,029	10.9
75-80 .....	.32367	34,790	11,260	145,355	303,603	8.7
80-85 .....	.44166	23,530	10,392	90,862	158,248	6.7
85 and over	1.00000	13,138	13,138	67,386	67,386	5.1
BLACK, FEMALE						
0-1 .....	.01570	100,000	1,570	98,659	7,375,233	73.8
1-5 .....	.00271	98,430	267	393,079	7,276,574	73.9
5-10 .....	.00139	98,163	136	490,435	6,883,495	70.1
10-15 .....	.00120	98,027	118	489,867	6,393,060	65.2
15-20 .....	.00261	97,909	256	488,962	5,903,193	60.3
20-25 .....	.00461	97,653	450	487,211	5,414,231	55.4
25-30 .....	.00642	97,203	624	484,531	4,927,020	50.7
30-35 .....	.00944	96,579	912	480,737	4,442,489	46.0
35-40 .....	.01308	95,667	1,251	475,417	3,961,752	41.4
40-45 .....	.01760	94,416	1,662	468,207	3,486,335	36.9
45-50 .....	.02553	92,754	2,368	458,224	3,018,128	32.5
50-55 .....	.03789	90,386	3,425	443,812	2,559,904	28.3
55-60 .....	.05512	86,961	4,793	423,381	2,116,092	24.3
60-65 .....	.08097	82,168	6,653	394,842	1,692,711	20.6
65-70 .....	.11425	75,515	8,628	356,733	1,297,869	17.2
70-75 .....	.15825	66,887	10,585	308,785	941,136	14.1
75-80 .....	.21215	56,302	11,944	252,128	632,351	11.2
80-8531056	44,358	13,776	187,463	380,223	8.6
85 and over	1.00000	30,582	30,582	192,760	192,760	6.3

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Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1991

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	99,107	99,002	99,217	99,272	99,176	99,372	98,491	98,346	98,642	98,243	98,061	98,430	98,341
2	99,040	98,926	99,159	99,213	99,110	99,320	98,396	98,236	98,563	98,135	97,936	98,311	98,269
3	98,991	98,872	99,114	99,169	99,066	99,280	98,325	98,158	98,499	98,054	97,847	98,210	98,163
4	98,953	98,832	99,079	99,135	99,026	99,249	98,271	98,101	98,448	97,992	97,782	98,067	98,027
5	98,922	98,789	99,050	99,108	98,997	99,224	98,228	98,055	98,407	97,943	97,730	97,909	97,872
6	98,896	98,770	99,026	99,084	98,971	99,203	98,182	98,015	98,374	97,902	97,685	97,869	97,832
7	98,872	98,743	99,006	99,063	98,947	99,184	98,160	97,978	98,347	97,866	97,644	97,828	97,791
8	98,850	98,718	98,988	99,043	98,924	99,168	98,132	97,944	98,324	97,835	97,607	97,791	97,754
9	98,831	98,696	98,973	99,025	98,903	99,153	98,106	97,916	98,305	97,808	97,576	97,777	97,740
10	98,815	98,677	98,959	99,010	98,885	99,140	98,088	97,894	98,288	97,786	97,552	97,740	97,703
11	98,801	98,662	98,947	98,997	98,869	99,128	98,072	97,878	98,272	97,767	97,534	97,724	97,687
12	98,787	98,646	98,934	98,983	98,853	99,116	98,055	97,861	98,255	97,748	97,515	97,703	97,666
13	98,767	98,622	98,919	98,964	98,830	99,102	98,031	97,833	98,236	97,721	97,483	97,687	97,650
14	98,736	98,581	98,898	98,935	98,793	99,082	97,992	97,779	98,213	97,676	97,421	97,676	97,639
15	98,690	98,517	98,870	98,892	98,736	99,055	97,932	97,689	98,184	97,608	97,319	97,676	97,639
16	98,627	98,427	98,834	98,833	98,657	99,019	97,849	97,559	98,149	97,513	97,167	97,676	97,639
17	98,547	98,313	98,790	98,760	98,557	98,974	97,391	97,437	98,107	97,393	96,979	97,676	97,639
18	98,455	98,180	98,740	98,676	98,441	98,924	97,618	97,192	98,059	97,251	96,742	97,676	97,639
19	98,356	98,036	98,688	98,587	98,316	98,873	97,480	96,973	98,005	97,092	96,485	97,676	97,639
20	98,254	97,887	98,637	98,496	98,186	98,824	97,334	96,741	97,945	96,922	96,211	97,676	97,639
21	98,150	97,734	98,586	98,405	98,053	98,777	97,179	96,499	97,879	96,740	95,921	97,676	97,639
22	98,044	97,575	98,536	98,312	97,816	98,732	97,015	96,245	97,806	96,546	95,614	97,676	97,639
23	97,936	97,412	98,485	98,218	97,776	98,687	96,844	95,981	97,728	96,341	95,293	97,676	97,639
24	97,826	97,247	98,433	98,123	97,634	98,642	96,667	95,709	97,645	96,129	94,963	97,676	97,639
25	97,714	97,079	98,379	98,027	97,490	98,596	96,485	95,431	97,557	95,912	94,627	97,676	97,639
26	97,600	96,910	98,323	97,929	97,345	98,548	96,289	95,149	97,465	95,691	94,287	97,676	97,639
27	97,485	96,739	98,265	97,830	97,199	98,498	96,109	94,861	97,368	95,464	93,942	97,676	97,639
28	97,367	96,565	98,204	97,729	97,050	98,447	95,913	94,567	97,285	95,230	93,589	97,676	97,639
29	97,244	96,385	98,139	97,624	96,895	98,393	95,708	94,265	97,154	94,985	93,224	97,676	97,639
30	97,115	96,197	98,070	97,513	96,733	98,336	95,496	93,952	97,034	94,727	92,844	97,676	97,639
31	96,980	96,000	97,997	97,396	96,562	98,275	95,273	93,628	96,904	94,455	92,448	97,676	97,639
32	96,838	95,795	97,919	97,273	96,382	98,211	95,039	93,292	96,765	94,169	92,035	97,676	97,639
33	96,689	95,581	97,836	97,144	96,194	98,143	94,793	92,942	96,616	93,867	91,620	97,676	97,639
34	96,533	95,357	97,747	97,009	95,998	98,070	94,532	92,573	96,456	93,547	91,145	97,676	97,639
35	96,389	95,123	97,653	96,867	95,794	97,993	94,256	92,182	96,285	93,208	90,661	97,676	97,639
36	96,185	94,877	97,553	96,718	95,581	97,911	93,962	91,766	96,103	92,847	90,147	97,676	97,639
37	96,012	94,619	97,445	96,561	95,358	97,822	93,650	91,325	95,908	92,483	89,603	97,676	97,639
38	95,820	94,350	97,331	96,387	95,126	97,727	93,321	90,883	95,701	92,059	89,032	97,676	97,639
39	95,620	94,072	97,210	96,226	94,887	97,627	92,976	90,384	95,483	91,638	88,440	97,676	97,639
40	95,413	93,787	97,083	96,049	94,641	97,520	92,622	89,890	95,255	91,201	87,831	97,676	97,639
41	95,199	93,494	96,948	95,864	94,387	97,406	92,254	89,382	95,015	90,747	87,204	97,676	97,639
42	94,975	93,191	96,804	95,670	94,123	97,288	91,870	88,856	94,761	90,274	86,556	97,676	97,639
43	94,738	92,873	96,649	95,483	93,844	97,150	91,466	88,308	94,491	89,777	85,880	97,676	97,639
44	94,483	92,535	96,478	95,239	93,546	97,002	91,032	87,731	94,201	89,252	85,169	97,676	97,639
45	94,206	92,172	96,289	94,994	93,225	96,836	90,582	87,120	93,889	88,693	84,416	97,676	97,639
46	93,905	91,781	96,079	94,725	92,876	96,649	90,095	86,471	93,553	88,097	83,676	97,676	97,639
47	93,578	91,360	95,846	94,431	92,498	96,440	89,576	85,782	93,190	87,483	82,769	97,676	97,639
48	93,223	90,907	95,590	94,110	92,090	96,209	89,022	85,053	92,798	86,789	81,876	97,676	97,639
49	92,841	90,423	95,311	93,764	91,652	95,956	88,432	84,286	92,373	86,076	80,940	97,676	97,639
50	92,431	89,907	95,008	93,391	91,184	95,681	87,803	83,479	91,911	85,322	79,963	97,676	97,639
51	91,991	89,356	94,678	92,990	90,682	95,382	87,134	82,632	91,409	84,525	78,944	97,676	97,639
52	91,516	88,765	94,319	92,556	90,141	95,056	86,421	81,740	90,866	83,682	77,878	97,676	97,639
53	90,999	88,125	93,926	92,082	89,552	94,698	85,658	80,792	90,279	82,787	76,755	97,676	97,639
54	90,433	87,425	93,484	91,559	88,904	94,301	84,839	79,774	89,647	81,833	75,562	97,676	97,639
55	89,810	86,657	93,018	90,980	88,189	93,857	83,957	78,676	88,968	80,813	74,289	97,676	97,639
56	89,127	85,815	92,484	90,341	87,401	93,373	83,010	77,494	88,240	79,724	72,932	97,676	97,639
57	88,381	84,896	91,921	89,640	86,537	92,836	81,995	76,228	87,460	78,586	71,493	97,676	97,639
58	87,589	83,896	91,296	88,872	85,591	92,247	80,912	74,880	86,623	77,338	69,976	97,676	97,639
59	86,688	82,811	90,617	88,034	84,556	91,605	79,760	73,456	85,722	76,040	68,388	97,676	97,639
60	85,734	81,637	89,882	87,122	83,428	90,908	78,539	71,960	84,754	74,672	66,735	97,676	97,639
61	84,705	80,371	89,087	86,131	82,203	90,152	77,248	70,384	83,715	73,234	65,020	97,676	97,639
62	83,587	79,010	88,228	85,059	80,877	89,333	75,896	68,756	82,603	71,724	63,242	97,676	97,639
63	82,408	77,552	87,304	83,905	79,450	88,448	74,448	67,039	81,416	70,140	61,397	97,676	97,639
64	81,138	75,996	86,312	82,668	77,922	87,495	72,930	65,240	80,153	68,479	59,479	97,676	97,639
65	79,784	74,340	85,249	81,346	76,292	86,472	71,328	63,355	78,813	66,739	57,487	97,676	97,639
66	78,346	72,585	84,112	79,939	74,580	85,374	69,643	61,386	76,922	64,922	55,423	97,676	97,639
67	76,820	70,729	82,897	78,442	72,723	84,197	67,876	59,337	75,899	63,031	53,293	97,676	97,639
68	75,201	68,769	81,597	76,850	70,778	82,933	66,029	57,214	74,319	61,068	51,104	97,676	97,639
69	73,482	66,701	80,204	75,153	68,718	81,575	64,103	55,024	72,649	59,037	48,862	97,676	97,639
70	71,659	64,523	78,711	73,346	66,539	80,114	62,100	52,774	70,887	56,941	46,575	97,676	97,639
71	69,729	62,237	77,114	71,427	64,243	78,546	60,021	50,467	69,029	54,781	44,247	97,676	97,639
72	67,692	59,848	75,409	69,396	61,834	76,867	57,888	48,110	67,077	52,563	41,886	97,676	97,639
73	65,550	57,359	73,593	67,253	59,316	75,072	55,653	45,715	65,039	50,300	39,510	97,676	97,639
74	63,306	54,776	71,664	64,999	56,693	73,157	53,389	43,299	62,927	48,011	37,139	97,676	97,639
75	60,962	52,105	69,618	62,635	53,971	71,118	51,085	40,873	60,748	45,709	34,790	97,676	97,639
76	58,519	49,354	67,452	60,164	51,157	68,951	48,747	38,446	58,504	43,400	32,472	97,676	97,639
77	55,979	46,590	65,161	57,587	48,261	66,651	46,321						

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1991

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	75.5	72.0	78.9	76.3	72.9	79.6	71.5	67.3	75.5	69.3	64.6	73.8
1	75.2	71.8	78.5	75.9	72.5	79.1	71.5	67.4	75.5	69.5	64.9	73.9
2	74.3	70.9	77.6	74.9	71.6	78.1	70.6	66.5	74.6	68.6	64.0	73.0
3	73.3	69.9	76.6	73.9	70.6	77.1	69.7	65.5	73.6	67.6	63.0	72.0
4	72.3	68.9	75.6	72.9	69.6	76.2	68.7	64.6	72.7	66.7	62.1	71.1
5	71.3	67.9	74.7	72.0	68.7	75.2	67.7	63.6	71.7	65.7	61.1	70.1
6	70.4	66.9	73.7	71.0	67.7	74.2	66.8	62.6	70.7	64.7	60.1	69.2
7	69.4	65.9	72.7	70.0	66.7	73.2	65.8	61.6	69.7	63.8	59.2	68.2
8	68.4	65.0	71.7	69.0	65.7	72.2	64.8	60.7	68.8	62.8	58.2	67.2
9	67.4	64.0	70.7	68.0	64.7	71.2	63.8	59.7	67.8	61.8	57.2	66.2
10	66.4	63.0	69.7	67.0	63.7	70.2	62.8	58.7	66.8	60.8	56.2	65.2
11	65.4	62.0	68.7	66.1	62.7	69.2	61.8	57.7	65.8	59.8	55.2	64.2
12	64.4	61.0	67.8	65.1	61.8	68.3	60.9	56.7	64.8	58.8	54.2	63.2
13	63.5	60.0	66.8	64.1	60.8	67.3	59.9	55.7	63.8	57.8	53.2	62.3
14	62.5	59.0	65.8	63.1	59.8	66.3	58.9	54.8	62.8	56.8	52.3	61.3
15	61.5	58.1	64.8	62.1	58.8	65.3	57.9	53.8	61.8	55.8	51.3	60.3
16	60.5	57.1	63.8	61.2	57.9	64.3	57.0	52.9	60.9	55.0	50.4	59.3
17	59.6	56.2	62.9	60.2	56.9	63.3	56.0	52.0	59.9	54.0	49.5	58.3
18	58.6	55.3	61.9	59.3	56.0	62.4	55.1	51.1	58.9	53.1	48.6	57.4
19	57.7	54.4	60.9	58.3	55.1	61.4	54.2	50.2	58.0	52.2	47.6	56.4
20	56.8	53.4	59.9	57.4	54.1	60.4	53.3	49.3	57.0	51.3	46.8	55.4
21	55.8	52.5	59.0	56.4	53.2	59.5	52.3	48.4	56.0	50.4	46.0	54.5
22	54.9	51.6	58.0	55.5	52.3	58.5	51.4	47.6	55.1	49.5	45.2	53.5
23	53.9	50.7	57.0	54.5	51.4	57.5	50.5	46.7	54.1	48.6	44.3	52.6
24	52.9	49.8	56.1	53.6	50.4	56.5	49.6	45.8	53.2	47.7	43.5	51.6
25	52.1	48.9	55.1	52.6	49.5	55.6	48.7	44.9	52.2	46.8	42.6	50.7
26	51.1	48.0	54.1	51.7	48.6	54.6	47.8	44.1	51.3	45.9	41.8	49.7
27	50.2	47.0	53.2	50.7	47.7	53.6	46.9	43.2	50.3	45.0	40.9	48.8
28	49.2	46.1	52.2	49.8	46.7	52.7	46.0	42.3	49.4	44.1	40.1	47.9
29	48.3	45.2	51.2	48.8	45.8	51.7	45.1	41.5	48.4	43.2	39.2	46.9
30	47.4	44.3	50.3	47.9	44.9	50.7	44.2	40.6	47.5	42.3	38.4	46.0
31	46.4	43.4	49.3	46.9	44.0	49.7	43.3	39.8	46.5	41.5	37.6	45.1
32	45.5	42.5	48.3	46.0	43.0	48.8	42.4	38.9	45.6	40.6	36.7	44.2
33	44.6	41.6	47.4	45.1	42.1	47.8	41.5	38.0	44.7	39.7	35.9	43.3
34	43.6	40.7	46.4	44.1	41.2	46.8	40.6	37.2	43.7	38.9	35.1	42.3
35	42.7	39.8	45.5	43.2	40.3	45.9	39.7	36.3	42.8	38.0	34.3	41.4
36	41.8	38.9	44.5	42.3	39.4	44.9	38.8	35.5	41.9	37.1	33.5	40.5
37	40.9	38.0	43.6	41.3	38.5	44.0	38.0	34.7	41.0	36.3	32.7	39.6
38	40.0	37.1	42.6	40.4	37.6	43.0	37.1	33.8	40.1	35.4	31.9	38.7
39	39.0	36.2	41.7	39.5	36.7	42.0	36.3	33.0	39.2	34.6	31.1	37.8
40	38.1	35.3	40.7	38.5	35.8	41.1	35.4	32.2	38.3	33.8	30.3	36.9
41	37.2	34.4	39.8	37.6	34.8	40.1	34.5	31.4	37.4	32.9	29.5	36.0
42	36.3	33.5	38.8	36.7	33.9	39.2	33.7	30.6	36.5	32.1	28.7	35.2
43	35.4	32.6	37.9	35.8	33.0	38.2	32.8	29.8	35.6	31.3	27.9	34.3
44	34.5	31.7	37.0	34.8	32.1	37.3	32.0	28.9	34.7	30.5	27.2	33.4
45	33.6	30.9	36.0	33.9	31.3	36.4	31.1	28.1	33.8	29.7	26.4	32.5
46	32.7	30.0	35.1	33.0	30.4	35.4	30.3	27.4	32.9	28.8	25.7	31.7
47	31.8	29.1	34.2	32.1	29.5	34.5	29.5	26.6	32.0	28.1	24.9	30.8
48	30.9	28.3	33.3	31.2	28.6	33.6	28.6	25.8	31.2	27.3	24.2	30.0
49	30.0	27.4	32.4	30.3	27.8	32.7	27.8	25.0	30.3	26.5	23.5	29.1
50	29.2	26.6	31.5	29.5	26.9	31.8	27.0	24.3	29.4	25.7	22.7	28.3
51	28.3	25.7	30.6	28.6	26.0	30.9	26.2	23.5	28.6	25.0	22.0	27.5
52	27.4	24.9	29.7	27.7	25.2	30.0	25.4	22.8	27.8	24.2	21.3	26.7
53	26.6	24.1	28.8	26.9	24.4	29.1	24.7	22.0	26.9	23.5	20.6	25.9
54	25.8	23.3	28.0	26.0	23.5	28.2	23.9	21.3	26.1	22.7	19.9	25.1
55	24.9	22.5	27.1	25.2	22.7	27.3	23.1	20.6	25.3	22.0	19.3	24.3
56	24.1	21.7	26.2	24.4	21.9	26.5	22.4	19.9	24.5	21.3	18.6	23.6
57	23.3	20.9	25.4	23.5	21.1	25.6	21.7	19.2	23.8	20.6	18.0	22.8
58	22.5	20.2	24.6	22.7	20.4	24.8	21.0	18.5	23.0	19.9	17.4	22.1
59	21.8	19.4	23.8	22.0	19.6	24.0	20.3	17.9	22.2	19.3	16.8	21.3
60	21.0	18.7	22.9	21.2	18.9	23.1	19.6	17.3	21.5	18.6	16.2	20.6
61	20.2	18.0	22.1	20.4	18.1	22.3	18.9	16.6	20.7	18.0	15.6	19.9
62	19.5	17.3	21.4	19.7	17.4	21.5	18.2	16.0	20.0	17.3	15.0	19.2
63	18.8	16.6	20.6	18.9	16.7	20.7	17.6	15.4	19.3	16.7	14.4	18.5
64	18.1	15.9	19.8	18.2	16.0	20.0	16.9	14.8	18.6	16.1	13.9	17.8
65	17.4	15.3	19.1	17.5	15.4	19.2	16.3	14.3	17.9	15.5	13.4	17.2
66	16.7	14.6	18.3	16.8	14.7	18.4	15.7	13.7	17.2	14.9	12.8	16.5
67	16.0	14.0	17.6	16.1	14.1	17.7	15.1	13.2	16.5	14.4	12.3	15.9
68	15.3	13.4	16.8	15.4	13.5	16.9	14.5	12.6	15.9	13.8	11.8	15.3
69	14.7	12.8	16.1	14.8	12.9	16.2	13.9	12.1	15.2	13.3	11.4	14.7
70	14.0	12.2	15.4	14.1	12.3	15.5	13.3	11.6	14.6	12.7	10.9	14.1
71	13.4	11.6	14.7	13.5	11.7	14.8	12.8	11.1	14.0	12.2	10.4	13.5
72	12.8	11.1	14.0	12.9	11.1	14.1	12.2	10.6	13.4	11.7	10.0	12.9
73	12.2	10.5	13.4	12.3	10.6	13.4	11.7	10.2	12.8	11.2	9.6	12.3
74	11.6	10.0	12.7	11.7	10.0	12.8	11.2	9.7	12.2	10.7	9.1	11.8
75	11.1	9.5	12.1	11.1	9.5	12.1	10.6	9.2	11.6	10.2	8.7	11.2
76	10.5	9.0	11.5	10.5	9.0	11.5	10.1	8.8	11.0	9.8	8.3	10.7
77	9.9	8.5	10.8	10.0	8.5	10.9	9.6	8.4	10.5	9.3	7.9	10.1
78	9.4	8.0	10.2	9.4	8.1	10.3	9.1	7.9	9.9	8.8	7.5	9.6
79	8.9	7.6	9.7	8.9	7.6	9.7	8.6	7.5	9.4	8.4	7.1	9.1
80	8.4	7.2	9.1	8.4	7.2	9.1	8.2	7.1	8.8	7.9	6.7	8.6
81	7.9	6.7	8.5	7.9	6.7	8.5	7.7	6.7	8.3	7.5	6.4	8.1
82	7.4	6.3	8.0	7.4	6.3	8.0	7.3	6.3	7.8	7.0	6.0	7.6
83	7.0	6.0	7.5	7.0	6.0	7.5	6.8	6.0	7.3	6.6	5.7	7.1
84	6.6	5.6	7.0	6.6	5.6	7.0	6.4	5.6	6.9	6.3	5.4	6.7
85	6.2	5.3	6.5	6.1	5.3	6.5	6.1	5.4	6.4	5.9	5.1	6.3

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991

(Page 1 of 6)

[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. 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 (l _x)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL RACES										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,107	98,740	97,998	97,407	97,024	95,290	94,028	92,515	90,538	87,552
5	98,922	98,495	97,668	96,998	96,482	94,220	91,978	83,389	83,887	81,804
10	98,815	98,347	97,460	96,785	96,177	93,710	91,106	86,129	82,458	80,052
15	98,690	98,196	97,261	96,551	95,885	93,235	90,385	87,144	81,506	78,963
20	98,254	97,741	96,716	96,111	95,366	92,435	89,089	85,441	80,074	77,239
25	97,714	97,110	96,000	95,517	94,876	91,335	87,269	83,146	78,048	74,768
30	97,115	96,477	95,307	94,905	93,919	90,078	85,302	80,642	75,779	72,043
35	96,369	95,808	94,482	94,144	92,976	88,573	83,118	77,961	73,127	69,078
40	95,413	94,926	93,322	93,084	91,648	86,850	80,557	75,114	70,042	65,890
45	94,206	93,589	91,587	91,378	89,634	84,069	77,343	72,036	68,561	62,436
50	92,431	91,526	88,972	88,758	86,591	80,487	73,321	68,429	62,480	58,514
55	89,810	88,348	85,110	84,711	82,176	75,557	68,182	63,947	57,555	53,852
60	85,734	83,726	79,529	79,067	75,921	68,924	61,583	58,079	51,138	47,946
65	79,784	77,107	71,933	71,147	67,555	60,366	53,195	50,560	43,194	40,911
70	71,859	68,248	61,984	60,857	58,987	49,855	42,768	41,090	33,816	32,390
75	60,962	56,799	49,705	48,170	43,903	36,735	30,789	29,729	23,552	22,960
80	47,795	43,180	35,285	33,576	29,313	22,883	18,580	18,298	13,712	13,529
85	32,498	27,960	20,908	18,542	15,785	11,073	8,542	8,683	6,001	6,053
MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,002	98,607	97,755	97,087	96,661	94,762	93,440	91,745	87,505	86,426
5	98,799	98,333	97,395	96,643	96,077	93,624	91,294	88,505	82,718	80,548
10	98,677	98,160	97,151	96,375	95,726	93,054	90,348	87,184	81,249	78,775
15	98,517	97,972	96,904	96,107	95,366	92,508	89,561	86,156	80,261	77,681
20	97,887	97,316	96,126	95,491	94,695	91,617	88,220	84,440	78,792	75,984
25	97,079	96,361	95,040	94,631	93,791	90,385	86,359	82,252	76,675	73,472
30	96,197	95,430	94,072	93,826	92,861	89,009	84,346	79,890	74,378	70,747
35	95,123	94,501	92,997	92,889	91,760	87,371	82,075	77,514	71,614	67,752
40	93,787	93,345	91,541	91,572	90,207	85,246	79,357	74,432	68,297	64,447
45	92,172	91,649	89,369	89,492	87,819	82,336	75,882	71,244	64,518	60,849
50	89,907	89,007	86,070	86,199	84,158	78,254	71,518	67,553	60,118	56,736
55	86,657	84,936	81,139	81,039	78,781	72,627	65,961	62,965	54,970	51,939
60	81,637	79,012	73,958	73,887	71,246	65,142	58,909	56,917	48,343	45,895
65	74,340	70,646	64,318	64,177	61,566	55,776	50,154	49,218	40,284	38,736
70	64,523	59,681	52,296	52,244	49,950	44,588	39,516	39,668	31,023	30,217
75	52,105	46,272	38,797	38,950	36,756	31,864	27,718	28,316	21,213	21,076
80	37,718	31,810	24,921	25,300	25,237	18,995	16,172	17,128	11,942	12,084
85	22,646	18,020	13,168	12,845	11,750	8,693	7,107	7,920	5,059	5,179
FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,217	98,880	98,254	97,744	97,406	95,848	94,728	93,383	90,623	88,733
5	99,050	98,666	97,955	97,371	96,908	94,848	92,789	90,380	85,117	83,119
10	98,959	98,544	97,784	97,173	96,652	94,402	92,008	89,186	83,728	81,390
15	98,870	98,432	97,636	97,016	96,431	94,000	91,364	88,247	82,813	80,307
20	98,637	98,184	97,331	96,756	96,068	93,293	90,116	86,556	81,418	78,555
25	98,379	97,883	96,966	96,418	95,583	92,322	88,328	84,135	79,481	76,119
30	98,070	97,551	96,544	95,996	94,933	91,182	86,398	81,463	77,247	73,394
35	97,653	97,140	95,966	95,409	94,206	89,810	84,304	78,713	74,719	70,493
40	97,083	96,531	95,097	94,560	93,101	88,092	81,927	75,907	71,894	67,407
45	96,269	95,570	93,793	93,265	91,469	85,856	79,041	72,954	68,755	64,121
50	95,008	94,060	91,852	91,327	89,075	82,828	75,456	69,452	65,001	60,415
55	93,018	91,760	89,066	88,451	85,694	78,706	70,832	65,099	60,392	55,908
60	89,882	88,414	85,139	84,430	80,890	73,093	64,795	59,438	54,226	50,155
65	85,249	83,520	79,698	78,462	74,119	65,523	56,924	52,126	46,438	43,246
70	78,711	76,720	71,955	70,100	64,873	55,449	46,774	42,741	36,916	34,721
75	69,618	67,186	61,107	58,394	52,111	42,425	34,600	31,344	26,155	24,994
80	57,486	54,372	46,445	43,063	36,486	27,524	21,578	19,613	15,682	15,129
85	41,756	37,772	29,538	25,269	20,668	13,972	10,322	9,515	7,051	7,063
WHITE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	99,272	98,898	98,224	97,714	97,278	95,685	---	---	---	---
5	99,108	98,675	97,930	97,353	96,790	94,713	---	---	---	---
10	99,010	98,536	97,733	97,131	96,502	94,228	---	---	---	---
15	98,892	98,391	97,546	96,928	96,228	93,792	---	---	---	---
20	98,496	97,939	97,036	96,508	95,763	93,117	---	---	---	---
25	98,027	97,340	96,406	95,965	95,169	92,213	---	---	---	---
30	97,513	96,774	95,824	95,440	94,536	91,185	---	---	---	---
35	96,867	96,192	95,152	94,798	93,750	89,941	---	---	---	---
40	96,049	95,427	94,190	93,870	92,616	88,318	---	---	---	---
45	94,994	94,257	92,681	92,374	90,847	86,069	---	---	---	---
50	93,391	92,384	90,306	89,958	88,110	82,833	---	---	---	---
55	90,980	89,427	86,688	86,173	84,027	78,218	---	---	---	---
60	87,122	85,031	81,323	80,811	78,066	71,785	---	---	---	---
65	81,346	78,585	73,889	73,102	69,850	63,201	---	---	---	---
70	73,346	69,801	63,991	62,834	59,189	52,165	---	---	---	---
75	62,635	58,299	51,586	49,895	45,688	38,610	---	---	---	---
80	49,244	44,409	36,659	34,697	30,438	23,976	---	---	---	---
85	33,571	28,768	21,578	19,017	16,239	11,483	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991—Con.

(Page 2 of 6)

[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. 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 _x)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL RACES										
0	75.5	73.88	70.75	69.89	68.07	63.62	59.20	56.40	51.49	49.24
1	75.2	73.82	71.19	70.75	69.16	65.76	61.94	59.94	57.11	55.20
5	71.3	70.00	67.43	67.04	65.54	62.49	59.29	57.99	56.21	54.98
10	66.4	65.10	62.57	62.19	60.74	57.82	54.84	53.79	52.15	51.14
15	61.5	60.19	57.69	57.33	55.91	53.10	50.25	49.37	47.73	46.81
20	56.8	55.46	53.00	52.58	51.20	48.54	45.94	45.30	43.53	42.79
25	52.1	50.81	48.37	47.89	46.56	44.09	41.85	41.47	39.60	39.12
30	47.4	46.12	43.71	43.18	41.91	39.67	37.75	37.68	35.70	35.51
35	42.7	41.43	39.07	38.51	37.31	35.30	33.68	33.89	31.90	31.92
40	38.1	36.79	34.52	33.92	32.81	31.03	29.67	30.08	28.20	28.34
45	33.6	32.27	30.12	29.50	28.49	26.90	25.79	26.25	24.54	24.77
50	29.2	27.94	25.93	25.29	24.40	22.98	22.06	22.50	20.98	21.26
55	24.9	23.85	21.99	21.37	20.57	19.31	18.53	18.90	17.55	17.88
60	21.0	20.02	18.34	17.71	17.04	15.91	15.24	15.54	14.42	14.76
65	17.4	16.51	15.00	14.39	13.83	12.80	12.23	12.47	11.60	11.86
70	14.0	13.32	12.00	11.38	10.92	10.00	9.58	9.74	9.11	9.30
75	11.1	10.48	9.32	8.71	8.40	7.62	7.32	7.49	6.99	7.08
80	8.4	7.98	7.10	6.39	6.34	5.73	5.50	5.63	5.25	5.30
85	6.2	5.96	5.28	4.58	4.69	4.31	4.19	4.21	4.00	3.96
MALE										
0	72.0	70.11	67.04	66.80	65.47	61.60	57.71	55.50	49.86	47.88
1	71.8	70.10	67.58	67.80	66.73	64.00	60.75	59.47	55.95	54.35
5	67.9	66.29	63.82	64.10	63.12	60.76	58.14	57.60	55.11	54.22
10	63.0	61.41	58.98	59.27	58.35	56.12	53.75	53.44	51.07	50.39
15	58.1	56.52	54.12	54.43	53.56	51.43	49.18	49.05	46.66	46.06
20	53.4	51.88	49.54	49.77	48.92	46.91	44.88	44.99	42.48	42.03
25	48.9	47.37	45.07	45.19	44.36	42.51	40.79	41.11	38.59	38.38
30	44.3	42.81	40.51	40.56	39.78	38.13	36.71	37.26	34.70	34.76
35	39.8	38.20	35.95	35.94	35.23	33.79	32.65	33.43	30.94	31.19
40	35.3	33.64	31.48	31.42	30.79	29.57	28.68	29.63	27.32	27.65
45	30.9	29.22	27.18	27.09	26.55	25.52	24.87	25.84	23.77	24.14
50	26.6	25.00	23.12	23.02	22.59	21.72	21.25	22.11	20.32	20.70
55	22.5	21.08	19.36	19.32	18.96	18.20	17.79	18.53	16.98	17.38
60	18.7	17.46	15.99	15.94	15.68	14.99	14.62	15.22	13.95	14.33
65	15.3	14.21	12.99	12.95	12.74	12.07	11.72	12.20	11.24	11.50
70	12.2	11.35	10.39	10.33	10.11	9.46	9.18	9.52	8.83	9.02
75	9.5	8.90	8.13	7.99	7.83	7.22	7.02	7.31	6.75	6.84
80	7.2	6.80	6.27	5.95	5.94	5.44	5.27	5.49	5.10	5.11
85	5.3	5.13	4.73	4.39	4.41	4.11	4.02	4.10	3.90	3.82
FEMALE										
0	78.9	77.62	74.64	73.24	70.96	65.89	60.90	57.40	53.24	50.70
1	78.5	77.50	74.97	73.93	71.84	67.73	63.37	60.45	58.37	56.10
5	74.7	73.67	71.19	70.21	68.21	64.43	60.66	58.41	57.39	55.80
10	69.7	68.75	66.31	65.35	63.38	59.73	56.16	54.16	53.31	51.94
15	64.8	63.83	61.41	60.45	58.52	54.97	51.54	49.71	48.87	47.60
20	59.9	58.98	56.59	55.60	53.73	50.37	47.21	45.63	44.66	43.60
25	55.1	54.16	51.80	50.79	48.99	45.87	43.11	41.86	40.69	39.92
30	50.3	49.33	47.01	46.00	44.28	41.41	39.02	38.15	36.79	36.30
35	45.5	44.53	42.28	41.27	39.63	37.01	34.92	34.40	32.95	32.71
40	40.7	39.80	37.64	36.61	35.06	32.68	30.86	30.58	29.15	29.08
45	36.0	35.17	33.13	32.09	30.64	28.46	26.71	26.71	25.36	25.44
50	31.5	30.69	28.77	27.71	26.40	24.40	23.05	22.92	21.67	21.84
55	27.1	26.39	24.59	23.53	22.33	20.54	19.38	19.28	18.13	18.39
60	22.9	22.29	20.60	19.52	18.50	16.92	15.94	15.87	14.90	15.21
65	19.1	18.44	16.83	15.80	14.95	13.57	12.78	12.73	11.96	12.22
70	15.4	14.84	13.35	12.37	11.71	10.56	9.99	9.96	9.38	9.59
75	12.1	11.58	10.26	9.33	8.94	8.01	7.61	7.65	7.20	7.34
80	9.1	8.69	7.68	6.72	6.67	5.99	5.70	5.75	5.37	5.51
85	6.5	6.38	5.63	4.71	4.90	4.47	4.32	4.30	4.08	4.12
WHITE										
0	76.3	74.53	71.62	70.73	69.02	64.92	---	---	---	---
1	75.9	74.35	71.91	71.38	69.95	66.84	---	---	---	---
5	72.0	70.52	68.12	67.64	66.29	63.52	---	---	---	---
10	67.0	65.62	63.26	62.79	61.48	58.83	---	---	---	---
15	62.1	60.71	58.37	57.92	56.65	54.09	---	---	---	---
20	57.4	55.98	53.66	53.16	51.91	49.47	---	---	---	---
25	52.6	51.30	49.00	48.44	47.22	44.92	---	---	---	---
30	47.9	46.59	44.28	43.69	42.52	40.40	---	---	---	---
35	43.2	41.86	39.58	38.97	37.86	35.93	---	---	---	---
40	38.5	37.17	34.95	34.33	33.29	31.54	---	---	---	---
45	33.9	32.60	30.48	29.84	28.88	27.29	---	---	---	---
50	29.5	28.21	26.21	25.57	24.70	23.26	---	---	---	---
55	25.2	24.05	22.19	21.58	20.77	19.47	---	---	---	---
60	21.2	20.16	18.48	17.84	17.15	15.98	---	---	---	---
65	17.5	16.59	15.08	14.44	13.86	12.80	---	---	---	---
70	14.1	13.35	12.01	11.37	10.89	9.96	---	---	---	---
75	11.1	10.47	9.27	8.65	8.34	7.55	---	---	---	---
80	8.4	7.95	7.01	6.33	6.27	5.64	---	---	---	---
85	6.1	5.90	5.19	4.53	4.62	4.20	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991—Con.

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[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. 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 (1)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,176	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,997	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,885	98,357	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,736	98,176	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	98,186	97,525	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	97,490	96,616	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	96,733	95,783	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,794	94,980	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,641	93,984	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,225	92,494	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,389
50	91,184	90,105	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	88,189	86,303	83,001	82,483	80,496	75,156	68,981	64,574	55,622	52,491
60	83,428	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	76,292	72,393	66,343	65,834	63,541	58,305	52,964	50,663	40,882	39,245
70	66,539	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	53,971	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	39,181	32,788	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,286
85	23,574	18,538	13,527	13,065	12,015	9,013	7,572	8,154	5,145	5,252
WHITE, FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,372	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	99,224	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	99,140	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	99,055	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,824	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,596	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,885	76,588
30	98,336	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,993	97,445	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,520	96,913	95,782	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,836	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,681	94,710	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,861	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,908	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	86,472	84,764	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	80,114	78,139	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	71,118	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	58,903	55,770	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	42,896	38,774	30,490	26,046	21,348	14,487	10,937	9,909	7,152	7,149
ALL OTHER										
0	100,000	100,000	100,000	100,000	100,000	---	---	---	---	---
1	98,491	98,097	96,909	95,732	95,407	---	---	---	---	---
5	98,228	97,756	96,400	95,051	94,482	---	---	---	---	---
10	98,088	97,588	96,126	94,745	94,060	---	---	---	---	---
15	97,932	97,387	95,864	94,460	93,646	---	---	---	---	---
20	97,334	96,913	95,101	93,880	92,738	---	---	---	---	---
25	96,485	96,107	93,792	92,925	91,321	---	---	---	---	---
30	95,496	95,088	92,309	91,699	89,584	---	---	---	---	---
35	94,256	93,870	90,470	90,046	87,402	---	---	---	---	---
40	92,622	92,245	87,984	87,766	84,478	---	---	---	---	---
45	90,582	89,928	84,575	84,501	80,507	---	---	---	---	---
50	87,803	86,525	80,046	80,172	74,976	---	---	---	---	---
55	83,957	81,732	74,150	73,893	67,660	---	---	---	---	---
60	78,539	75,900	66,775	65,795	58,593	---	---	---	---	---
65	71,328	67,179	57,797	56,038	48,649	---	---	---	---	---
70	62,100	57,635	47,542	45,434	38,616	---	---	---	---	---
75	51,085	46,362	35,987	34,531	28,968	---	---	---	---	---
80	39,002	34,558	25,215	24,815	20,003	---	---	---	---	---
85	25,790	22,279	16,299	15,337	12,433	---	---	---	---	---
ALL OTHER, MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	98,346	97,939	96,592	95,301	94,911	91,696	---	---	---	---
5	98,055	97,559	96,038	94,570	93,921	89,920	---	---	---	---
10	97,894	97,337	95,716	94,234	93,453	89,211	---	---	---	---
15	97,689	97,113	95,385	93,874	92,965	88,417	---	---	---	---
20	96,741	96,431	94,293	93,108	91,941	86,770	---	---	---	---
25	95,431	95,200	92,267	91,825	90,285	84,055	---	---	---	---
30	93,952	93,666	90,106	90,270	88,327	80,865	---	---	---	---
35	92,182	91,891	87,597	88,331	85,940	77,185	---	---	---	---
40	89,890	89,645	84,378	85,744	82,832	72,830	---	---	---	---
45	87,120	86,578	80,163	82,075	78,686	67,514	---	---	---	---
50	83,479	82,153	74,748	77,239	72,891	60,766	---	---	---	---
55	78,676	76,019	67,808	70,351	65,122	52,867	---	---	---	---
60	71,960	68,093	59,396	61,669	55,535	44,370	---	---	---	---
65	63,355	58,517	49,607	51,392	45,198	35,912	---	---	---	---
70	52,774	47,796	39,025	39,914	35,018	27,688	---	---	---	---
75	40,873	36,191	27,789	29,064	25,472	19,765	---	---	---	---
80	28,769	24,969	17,989	18,994	16,904	12,352	---	---	---	---
85	16,916	14,454	10,811	11,620	9,898	6,492	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991—Con.

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[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. 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 _x)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	72.9	70.82	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	72.5	70.70	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	68.7	66.87	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	63.7	61.98	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15	58.8	57.09	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	54.1	52.45	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	49.5	47.82	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	44.9	43.31	41.07	40.97	40.29	38.80	37.54	37.68	34.87	34.88
35	40.3	38.66	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40	35.8	34.04	31.87	31.73	31.17	30.03	29.22	29.86	27.49	27.74
45	31.3	29.55	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50	26.9	25.28	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	22.7	21.25	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	18.9	17.58	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	15.4	14.26	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	12.3	11.35	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75	9.5	8.87	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80	7.2	6.76	6.18	6.08	5.88	5.38	5.26	5.47	5.09	5.10
85	5.3	5.09	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
WHITE, FEMALE										
0	79.6	78.22	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	79.1	77.98	75.66	74.68	72.77	68.93	64.93	61.51	58.69	56.39
5	75.2	74.13	71.86	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10	70.2	69.21	66.97	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15	65.3	64.29	62.07	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20	60.4	59.44	57.24	56.29	54.56	51.38	48.52	46.46	44.86	43.77
25	55.6	54.60	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	50.7	49.76	47.60	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35	45.9	44.93	42.82	41.84	40.28	37.70	35.73	34.66	33.09	32.82
40	41.1	40.16	38.12	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45	36.4	35.49	33.54	32.53	31.12	28.90	27.33	26.98	25.45	25.51
50	31.8	30.96	29.11	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55	27.3	26.61	24.85	23.81	22.58	20.79	19.60	19.40	18.18	18.43
60	23.1	22.45	20.79	19.69	18.64	17.00	16.05	15.93	14.82	15.23
65	19.2	18.55	16.93	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70	15.5	14.89	13.37	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75	12.1	11.58	10.21	9.29	8.87	7.92	7.56	7.62	7.20	7.33
80	9.1	8.65	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85	6.5	6.32	5.54	4.66	4.63	4.34	4.24	4.24	4.06	4.10
ALL OTHER										
0	71.5	69.84	64.95	63.91	60.73	---	---	---	---	---
1	71.5	70.19	66.02	65.75	62.65	---	---	---	---	---
5	67.7	66.43	62.36	62.21	59.25	---	---	---	---	---
10	62.8	61.56	57.59	57.41	54.50	---	---	---	---	---
15	57.9	56.67	52.68	52.57	49.73	---	---	---	---	---
20	53.3	51.99	48.08	47.88	45.19	---	---	---	---	---
25	48.7	47.34	43.71	43.35	40.85	---	---	---	---	---
30	44.2	42.82	39.37	38.89	36.59	---	---	---	---	---
35	39.7	38.34	35.12	34.56	32.44	---	---	---	---	---
40	35.4	33.97	31.05	30.39	28.48	---	---	---	---	---
45	31.1	29.76	27.19	26.46	24.75	---	---	---	---	---
50	27.0	25.85	23.58	22.74	21.38	---	---	---	---	---
55	23.1	22.21	20.24	19.45	18.41	---	---	---	---	---
60	19.6	18.88	17.19	16.53	15.87	---	---	---	---	---
65	16.3	15.68	14.47	13.96	13.59	---	---	---	---	---
70	13.3	13.05	12.04	11.63	11.48	---	---	---	---	---
75	10.6	10.61	10.09	9.52	9.48	---	---	---	---	---
80	8.2	8.38	8.36	7.28	7.52	---	---	---	---	---
85	6.1	6.63	6.62	5.27	5.79	---	---	---	---	---
ALL OTHER, MALE										
0	67.3	65.63	60.98	61.48	58.91	52.33	---	---	---	---
1	67.4	66.01	62.13	63.50	61.06	56.05	---	---	---	---
5	63.6	62.26	58.48	59.98	57.59	53.13	---	---	---	---
10	58.7	57.40	53.67	55.19	52.96	48.54	---	---	---	---
15	53.8	52.52	48.84	50.39	48.23	43.95	---	---	---	---
20	49.3	47.97	44.37	45.78	43.73	39.74	---	---	---	---
25	44.9	43.46	40.29	41.38	39.49	35.94	---	---	---	---
30	40.6	39.13	36.20	37.05	35.31	32.25	---	---	---	---
35	36.3	34.83	32.16	32.81	31.21	28.67	---	---	---	---
40	32.2	30.64	28.29	28.72	27.29	25.23	---	---	---	---
45	28.1	26.63	24.64	24.89	23.59	22.02	---	---	---	---
50	24.3	22.92	21.24	21.28	20.25	19.18	---	---	---	---
55	20.6	19.56	18.14	18.11	17.36	16.67	---	---	---	---
60	17.3	16.54	15.35	15.29	14.91	14.38	---	---	---	---
65	14.3	13.83	12.87	12.84	12.75	12.18	---	---	---	---
70	11.6	11.36	10.68	10.81	10.74	10.06	---	---	---	---
75	9.2	9.20	8.99	8.93	8.83	8.09	---	---	---	---
80	7.1	7.22	7.57	6.87	6.87	6.46	---	---	---	---
85	5.4	5.69	6.04	5.08	5.38	5.08	---	---	---	---

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991—Con.
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[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. 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 (%)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL OTHER, FEMALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	---	---	---	---
1	98,642	98,261	97,235	96,172	95,913	95,000	---	---	---	---
5	98,407	97,958	96,772	95,543	95,055	91,710	---	---	---	---
10	98,288	97,806	96,546	95,265	94,679	91,092	---	---	---	---
15	98,184	97,669	96,353	95,057	94,343	90,383	---	---	---	---
20	97,945	97,404	95,917	94,680	93,544	88,505	---	---	---	---
25	97,557	96,996	95,247	94,005	92,336	85,961	---	---	---	---
30	97,034	96,441	94,370	93,070	90,799	83,147	---	---	---	---
35	96,285	95,719	93,123	91,670	88,805	79,879	---	---	---	---
40	95,255	94,646	91,247	89,676	86,052	75,908	---	---	---	---
45	93,889	93,009	88,608	86,793	82,257	71,061	---	---	---	---
50	91,911	90,523	84,964	82,979	77,007	64,886	---	---	---	---
55	88,968	86,951	80,162	77,362	70,196	57,419	---	---	---	---
60	84,754	82,000	73,984	69,941	61,758	49,102	---	---	---	---
65	78,813	75,382	66,064	60,825	52,358	40,718	---	---	---	---
70	70,887	67,147	56,375	51,274	42,612	32,579	---	---	---	---
75	60,748	56,499	44,841	40,540	32,981	24,668	---	---	---	---
80	48,767	44,378	33,373	30,315	23,712	17,157	---	---	---	---
85	34,486	30,543	22,763	19,744	15,550	10,658	---	---	---	---
BLACK										
0	100,000	100,000	100,000	---	---	100,000	---	---	---	---
1	98,243	97,885	96,731	---	---	92,584	---	---	---	---
5	97,943	97,522	96,207	---	---	90,983	---	---	---	---
10	97,786	97,322	95,928	---	---	90,339	---	---	---	---
15	97,608	97,134	95,661	---	---	89,591	---	---	---	---
20	96,922	96,652	94,887	---	---	87,839	---	---	---	---
25	95,912	95,804	93,513	---	---	85,210	---	---	---	---
30	94,727	94,680	91,934	---	---	82,194	---	---	---	---
35	93,208	93,288	89,977	---	---	78,683	---	---	---	---
40	91,201	91,439	87,304	---	---	74,466	---	---	---	---
45	88,693	88,834	83,700	---	---	69,284	---	---	---	---
50	85,322	85,044	78,938	---	---	62,702	---	---	---	---
55	80,813	79,816	72,826	---	---	54,846	---	---	---	---
60	74,672	72,913	65,250	---	---	46,318	---	---	---	---
65	66,739	64,391	56,102	---	---	37,838	---	---	---	---
70	56,941	54,617	45,785	---	---	29,654	---	---	---	---
75	45,709	43,274	34,262	---	---	21,798	---	---	---	---
80	34,041	31,711	23,710	---	---	14,408	---	---	---	---
85	21,861	19,939	15,044	---	---	8,326	---	---	---	---
BLACK, MALE										
0	100,000	100,000	100,000	---	---	100,000	100,000	100,000	100,000	100,000
1	98,061	97,703	96,394	---	---	91,772	91,268	89,499	78,065	74,674
5	97,730	97,300	95,826	---	---	90,082	88,412	85,195	68,589	64,385
10	97,552	97,061	95,497	---	---	89,393	87,311	83,768	66,377	61,730
15	97,318	96,826	95,161	---	---	88,610	86,152	82,332	64,478	59,667
20	96,211	96,132	94,053	---	---	86,968	83,621	79,057	61,426	56,733
25	94,627	94,827	91,904	---	---	84,227	79,516	74,540	57,736	53,285
30	92,844	93,125	89,584	---	---	80,979	75,063	70,344	54,073	49,867
35	90,661	91,080	86,885	---	---	77,221	70,049	65,873	49,865	46,541
40	87,831	88,490	83,441	---	---	72,780	64,710	61,353	45,414	42,989
45	84,416	84,897	78,976	---	---	67,346	58,432	56,589	40,583	39,230
50	79,983	80,065	73,282	---	---	60,495	51,748	51,880	35,427	34,766
55	74,289	73,413	66,101	---	---	52,426	44,436	46,581	29,754	29,987
60	66,735	64,980	57,457	---	---	43,833	36,790	40,506	23,750	24,194
65	57,487	55,061	47,485	---	---	35,371	29,314	34,042	17,806	19,015
70	46,575	44,213	36,925	---	---	27,236	21,741	26,923	12,295	13,829
75	34,790	32,717	25,921	---	---	19,456	14,419	18,854	7,494	8,892
80	23,530	22,017	16,560	---	---	12,186	8,239	11,615	3,894	4,831
85	13,188	12,383	9,648	---	---	6,444	3,660	5,605	1,747	2,030
BLACK, FEMALE										
0	100,000	100,000	100,000	---	---	100,000	100,000	100,000	100,000	100,000
1	98,430	98,073	97,076	---	---	93,416	92,796	91,251	81,493	78,525
5	98,163	97,751	96,598	---	---	91,906	90,185	87,149	72,768	69,056
10	98,027	97,590	96,369	---	---	91,308	89,201	85,607	70,508	65,111
15	97,909	97,450	96,172	---	---	90,594	88,068	83,954	68,218	62,384
20	97,653	97,180	95,729	---	---	88,736	85,078	80,154	64,764	59,053
25	97,203	96,754	95,035	---	---	86,198	81,067	75,359	61,430	55,795
30	96,579	96,150	94,114	---	---	83,384	78,816	73,633	58,281	52,773
35	95,667	95,338	92,807	---	---	80,092	75,192	69,857	54,595	49,567
40	94,416	94,137	90,817	---	---	76,084	71,271	66,130	50,568	46,146
45	92,754	92,322	88,001	---	---	71,157	66,365	61,230	45,947	42,279
50	90,386	89,563	84,168	---	---	64,885	59,920	54,780	40,886	37,681
55	86,961	85,853	79,177	---	---	57,314	47,074	44,742	35,415	33,124
60	82,168	80,293	72,820	---	---	48,828	38,761	37,954	28,908	27,524
65	75,515	73,266	64,716	---	---	40,504	30,852	31,044	22,302	21,995
70	66,887	64,729	54,873	---	---	32,354	23,341	24,107	15,871	16,140
75	56,302	53,831	43,193	---	---	24,502	16,576	17,216	10,657	11,066
80	44,358	41,686	31,756	---	---	17,039	10,822	11,151	6,324	6,708
85	30,582	28,004	21,358	---	---	10,622	6,033	5,972	3,029	3,567

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Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1991—Con.

(Page 6 of 6)

[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. 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_x)									
	1991	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
ALL OTHER, FEMALE										
0	75.5	74.00	69.05	66.47	62.70	55.51	---	---	---	---
1	75.5	74.31	70.01	68.10	64.37	58.47	---	---	---	---
5	71.7	70.53	66.34	64.54	60.83	55.47	---	---	---	---
10	66.8	65.64	61.49	59.72	56.17	50.83	---	---	---	---
15	61.8	60.73	56.60	54.85	51.36	46.22	---	---	---	---
20	57.0	55.88	51.85	50.07	46.77	42.14	---	---	---	---
25	52.2	51.11	47.19	45.40	42.35	38.31	---	---	---	---
30	47.5	46.39	42.61	40.83	38.02	34.52	---	---	---	---
35	42.8	41.72	38.14	36.41	33.82	30.63	---	---	---	---
40	38.3	37.16	33.87	32.16	29.82	27.31	---	---	---	---
45	33.8	32.77	29.80	28.14	26.07	24.00	---	---	---	---
50	29.4	28.59	25.97	24.31	22.67	21.04	---	---	---	---
55	25.3	24.66	22.37	20.89	19.62	18.44	---	---	---	---
60	21.5	20.99	19.02	17.83	16.95	16.14	---	---	---	---
65	17.9	17.60	15.99	15.12	14.54	13.95	---	---	---	---
70	14.6	14.44	13.30	12.46	12.29	11.81	---	---	---	---
75	11.6	11.68	11.06	10.10	10.15	9.80	---	---	---	---
80	8.8	9.17	9.01	7.66	8.15	8.00	---	---	---	---
85	6.4	7.19	7.07	5.44	6.15	6.38	---	---	---	---
BLACK										
0	69.3	68.52	64.11	---	---	53.85	---	---	---	---
1	69.5	68.99	65.27	---	---	57.15	---	---	---	---
5	65.7	65.25	61.62	---	---	54.13	---	---	---	---
10	60.8	60.38	56.79	---	---	49.50	---	---	---	---
15	55.9	55.49	51.94	---	---	44.89	---	---	---	---
20	51.3	50.75	47.34	---	---	40.73	---	---	---	---
25	46.8	46.18	43.00	---	---	36.91	---	---	---	---
30	42.3	41.69	38.70	---	---	33.17	---	---	---	---
35	38.0	37.28	34.48	---	---	29.53	---	---	---	---
40	33.8	32.98	30.46	---	---	26.06	---	---	---	---
45	29.7	28.87	26.65	---	---	22.82	---	---	---	---
50	25.7	25.03	23.11	---	---	19.94	---	---	---	---
55	22.0	21.50	19.83	---	---	17.43	---	---	---	---
60	18.6	18.29	16.83	---	---	15.18	---	---	---	---
65	15.5	15.37	14.16	---	---	13.02	---	---	---	---
70	12.7	12.67	11.77	---	---	10.93	---	---	---	---
75	10.2	10.32	9.89	---	---	8.97	---	---	---	---
80	7.9	8.17	8.20	---	---	7.31	---	---	---	---
85	5.9	6.54	6.54	---	---	5.91	---	---	---	---
BLACK, MALE										
0	64.6	64.10	60.00	---	---	52.26	47.55	47.14	34.05	32.54
1	64.9	64.90	61.24	---	---	55.93	51.08	51.63	42.53	42.46
5	61.1	60.86	57.60	---	---	52.95	48.69	50.18	44.25	45.06
10	56.2	56.01	52.79	---	---	48.84	44.27	45.99	40.65	41.90
15	51.3	51.14	47.96	---	---	43.74	39.83	41.75	36.77	38.26
20	46.9	46.48	43.49	---	---	39.52	35.95	38.36	33.46	35.11
25	42.6	42.09	39.45	---	---	35.72	32.67	35.54	30.44	32.21
30	38.4	37.91	35.40	---	---	32.05	29.45	32.51	27.33	29.25
35	34.3	33.60	31.42	---	---	28.48	26.39	29.54	24.42	26.16
40	30.3	29.51	27.61	---	---	25.06	23.36	26.53	21.57	23.12
45	26.4	25.61	24.03	---	---	21.88	20.59	23.55	18.85	20.09
50	22.7	22.03	20.69	---	---	19.06	17.92	20.47	16.21	17.34
55	19.3	18.79	17.66	---	---	16.60	15.46	17.50	13.82	14.69
60	16.2	15.89	14.93	---	---	14.37	13.15	14.74	11.67	12.62
65	13.4	13.29	12.53	---	---	12.21	10.87	12.07	9.74	10.38
70	10.9	10.94	10.40	---	---	10.11	8.78	9.58	8.00	8.33
75	8.7	8.90	8.76	---	---	8.17	6.99	7.61	6.58	6.60
80	6.7	7.03	7.35	---	---	6.58	5.42	5.83	5.53	5.12
85	5.1	5.61	5.92	---	---	5.34	4.30	4.53	4.48	4.04
BLACK, FEMALE										
0	73.8	72.88	68.32	---	---	55.56	49.51	46.92	37.67	35.04
1	73.9	73.31	69.37	---	---	58.46	52.33	50.39	45.15	43.54
5	70.1	69.54	65.70	---	---	55.40	49.81	48.70	46.42	46.04
10	65.2	64.65	60.85	---	---	50.75	45.33	44.54	42.84	43.02
15	60.3	59.74	55.97	---	---	46.13	40.87	40.36	39.18	39.79
20	55.4	54.80	51.22	---	---	42.04	37.22	37.15	36.14	36.89
25	50.7	50.13	46.57	---	---	38.20	33.93	34.35	32.97	33.90
30	46.0	45.43	42.00	---	---	34.40	30.67	31.48	29.61	30.70
35	41.4	40.79	37.56	---	---	30.83	27.47	28.58	26.44	27.52
40	38.9	38.28	33.32	---	---	27.19	24.30	25.60	23.34	24.37
45	32.5	31.94	29.31	---	---	23.89	21.39	22.61	20.43	21.36
50	28.3	27.84	25.52	---	---	20.95	18.60	19.76	17.65	18.67
55	24.3	24.00	21.97	---	---	18.38	16.27	17.09	14.98	15.88
60	20.6	20.42	18.66	---	---	16.10	14.22	14.69	12.78	13.60
65	17.2	17.13	15.67	---	---	13.95	12.24	12.41	10.82	11.38
70	14.1	14.05	13.02	---	---	11.82	10.38	10.25	9.22	9.62
75	11.2	11.37	10.85	---	---	9.81	8.62	8.37	7.55	7.90
80	8.6	8.95	8.87	---	---	8.02	6.90	6.58	6.05	6.48
85	6.3	7.09	7.00	---	---	6.41	5.48	5.22	5.09	5.10

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Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-91

(Page 1 of 2)

[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 ¹													
1991	75.5	72.0	78.9	76.3	72.9	79.6	71.5	67.3	75.5	69.3	64.6	73.8	
1990	75.4	71.8	78.8	76.1	72.7	79.4	71.2	67.0	75.2	69.1	64.5	73.6	
1989 ^a	75.1	71.7	78.5	75.9	72.5	79.2	70.9	66.7	74.9	68.8	64.3	73.3	
1988 ^a	74.9	71.4	78.3	75.6	72.2	78.9	70.8	66.7	74.8	68.9	64.4	73.2	
1987 ^a	74.9	71.4	78.3	75.6	72.1	78.9	71.0	66.9	75.0	69.1	64.7	73.4	
1986 ^a	74.7	71.2	78.2	75.4	71.9	78.6	70.9	66.8	74.9	69.1	64.8	73.4	
1985 ^a	74.7	71.1	78.2	75.3	71.8	78.7	71.0	67.0	74.8	69.3	65.0	73.4	
1984 ^a	74.7	71.1	78.2	75.3	71.8	78.7	71.1	67.2	74.9	69.5	65.3	73.6	
1983 ^a	74.6	71.0	78.1	75.2	71.6	78.7	70.9	67.0	74.7	69.4	65.2	73.5	
1982 ^a	74.5	70.8	78.1	75.1	71.5	78.7	70.9	66.8	74.9	69.4	65.1	73.6	
1981 ^a	74.1	70.4	77.8	74.8	71.1	78.4	70.3	66.2	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 ^a	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 ^a	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	---	---	---	
1962 ^a	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	63.3	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1	---	---	---	
1942	66.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	56.2	---	---	---	
1941	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	53.3	---	---	---	
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	61.4	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	---	---	---	

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Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-91—Con.

(Page 2 of 2)

[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
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	---	---	---

1 Alaska included in 1959 and Hawaii in 1960.
 2 Life table values are revised and, therefore, may differ from those published in "Vital Statistics of the United States", Vol. II, Mortality, Part A for 1989 and earlier years; see Technical Appendix.
 3 Deaths based on a 50-percent sample.
 4 Figures by race exclude data for residents of New Jersey; see Technical Appendix.

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