
Vital Statistics

of the

United States, 1987

LIFE • TABLES

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| | | PAGE: | 6 | 10 | 11 | 12 | 18 |
| Years: | | | | | | | |
| 1900-1987 ⁸ | ----- | | | | | | 15 |
| 1987 only ⁸ | ----- | | 1 | 2 | 3 | | |
| Specified years and 1987 ⁴ | ----- | | | | | ²⁴ | |
| Type of entry: | | | | | | | |
| Proportion dying (${}_nq_x$) | ----- | | 1 | | | | |
| Number surviving (${}_nL_x$) | ----- | | 1 | 2 | | 4 | |
| Number dying (${}_nd_x$) | ----- | | 1 | | | | |
| Stationary population (${}_nL_x$ and T_x) | ----- | | 1 | | | | |
| Average remaining lifetime (\dot{e}_x) | ----- | | 1 | | 3 | 4 | |
| Average length of life (\dot{e}_0) | ----- | | | | | | 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 |

¹ Entire United States for 1929-87; death-registration States for 1900-28.

² Entire United States for specified years from 1929 to 1987; death-registration States for specified years from 1900 to 1921.

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

The generation life table provides a “longitudinal” perspective in that it follows the mortality experience of a particular cohort, all persons born in the year 1900, for example, from the moment of birth through consecutive ages in successive calendar years. Based on age-specific death rates observed during consecutive calendar years, the generation life table reflects the mortality experience of an actual cohort from birth until no lives remain in the group. To prepare just a single complete generation life table requires data over many years. It is not feasible to construct generation 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 1987 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1987. 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 1987 abridged life tables.

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

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

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

LIFE TABLE VALUES

The data used to prepare the abridged U.S. life tables for 1987 are the final mortality statistics and the midyear

TRENDS AND COMPARISONS

estimates of the population 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, and 1987 are shown in tables A and D.

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 1987 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 1987 for the total population was 75.0 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 of it that survives to specified ages. The l_x column provides the data for computing the proportion. For instance, for the total population, 79,040 out of the original 1987 life table cohort of 100,000 (or 79.0 percent) were alive at exact age 65 (tables D 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 1987 the median age at death for the total population was 78.6 years (table D).

In 1987, life expectancy in the United States reached a new high of 75.0 years. Among the four race-sex groups (white males and females; black males and females), white females had the highest life expectancy at birth, 78.9 years, followed by black females, 73.6 years; white males, 72.2 years; and black males, 65.2 years (table A). The same order in life expectancy was maintained by each of the four race-sex groups at ages 1, 20, and 65 years.

Between 1986 and 1987, life expectancy increased for three out of the four race-sex groups (table B). The greatest increase was for white males, 0.2 years; the increase for white and black females was the same, 0.1 years. For black males, life expectancy remained unchanged between 1986 and 1987, following two consecutive years of decline.

Since the beginning of the century through the mid-1980's the average number of years added annually to life expectancy was greater than from 1984 through 1987 for each of the race-sex groups. While for white males life expectancy increased each year since 1984, for white females it increased for two of the three years; for black females, for only one of the three years; and for black males, life expectancy decreased for two of the three years, and remained unchanged for one year.

Life-expectancy differences between white males and females widened for many years after the beginning of the century, but recently the differences have narrowed (table C). For the white population the difference increased from

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, 1986, and 1987

| Life table value, period, and age | Total | White | | All other | | | |
|-----------------------------------|-------|-------|--------|-----------|--------|-------|--------|
| | | Male | Female | Total | | Black | |
| | | | | Male | Female | Male | Female |
| Expectation of life | | | | | | | |
| At birth: | | | | | | | |
| 1987 ----- | 75.0 | 72.2 | 78.9 | 67.3 | 75.2 | 65.2 | 73.6 |
| 1986 ----- | 74.8 | 72.0 | 78.8 | 67.2 | 75.1 | 65.2 | 73.5 |
| 1979–81 ----- | 73.88 | 70.82 | 78.22 | 65.63 | 74.00 | 64.10 | 72.88 |
| 1969–71 ----- | 70.75 | 67.94 | 75.49 | 60.98 | 69.05 | 60.00 | 68.32 |
| 1959–61 ----- | 69.89 | 67.55 | 74.19 | 61.48 | 66.47 | --- | --- |
| 1900–1902 ----- | 49.24 | 48.23 | 51.08 | --- | --- | 32.54 | 35.04 |
| At age 1 year: | | | | | | | |
| 1987 ----- | 74.7 | 71.9 | 78.5 | 67.4 | 75.3 | 65.5 | 73.8 |
| 1986 ----- | 74.6 | 71.7 | 78.4 | 67.4 | 75.1 | 65.5 | 73.7 |
| 1979–81 ----- | 73.82 | 70.70 | 77.98 | 66.01 | 74.31 | 64.60 | 73.31 |
| 1969–71 ----- | 71.19 | 68.33 | 75.66 | 62.13 | 70.01 | 61.24 | 69.37 |
| 1959–61 ----- | 70.75 | 68.34 | 74.68 | 63.50 | 68.10 | --- | --- |
| 1900–1902 ----- | 55.20 | 54.61 | 56.39 | --- | --- | 42.46 | 43.54 |
| At age 20 years: | | | | | | | |
| 1987 ----- | 56.3 | 53.6 | 59.9 | 49.2 | 56.7 | 47.3 | 55.3 |
| 1986 ----- | 56.2 | 53.4 | 59.9 | 49.1 | 56.6 | 47.3 | 55.3 |
| 1979–81 ----- | 55.46 | 52.45 | 59.44 | 47.87 | 55.88 | 46.48 | 54.90 |
| 1969–71 ----- | 53.00 | 50.22 | 57.24 | 44.37 | 51.85 | 43.49 | 51.22 |
| 1959–61 ----- | 52.58 | 50.25 | 56.29 | 45.78 | 50.07 | --- | --- |
| 1900–1902 ----- | 42.79 | 42.19 | 43.77 | --- | --- | 35.11 | 36.89 |
| At age 65 years: | | | | | | | |
| 1987 ----- | 16.9 | 14.9 | 18.8 | 14.3 | 17.8 | 13.5 | 17.1 |
| 1986 ----- | 16.8 | 14.8 | 18.7 | 14.1 | 17.7 | 13.4 | 17.0 |
| 1979–81 ----- | 16.51 | 14.26 | 18.55 | 13.83 | 17.60 | 13.29 | 17.13 |
| 1969–71 ----- | 15.00 | 13.02 | 16.93 | 12.87 | 15.99 | 12.53 | 15.67 |
| 1959–61 ----- | 14.39 | 12.97 | 15.88 | 12.84 | 15.12 | --- | --- |
| 1900–1902 ----- | 11.86 | 11.51 | 12.23 | --- | --- | 10.38 | 11.38 |

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Table B. 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, and 1986 to 1987

| Period | White | | Black | |
|----------------------------|-------|--------|-------|--------|
| | Male | Female | Male | Female |
| 1986 to 1987 ----- | + 0.2 | + 0.1 | 0.0 | + 0.1 |
| 1985 to 1986 ----- | + 0.1 | + 0.1 | - 0.1 | 0.0 |
| 1984 to 1985 ----- | + 0.1 | 0.0 | - 0.3 | - 0.2 |
| 1979–81 to 1984 ----- | + 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 |

Table C. Differences in life expectancy between males and females by race; and between white and black persons by sex: Death-registration States, 1900–1902, and United States, 1959–61, 1969–71, 1979–81, 1984, 1985, 1986, and 1987

| Period | Female-Male | | White-Black | |
|-----------------|-------------|-------|-------------|--------|
| | White | Black | Male | Female |
| 1987 ----- | 6.7 | 8.4 | 7.0 | 5.3 |
| 1986 ----- | 6.8 | 8.3 | 6.8 | 5.3 |
| 1985 ----- | 6.8 | 8.2 | 6.6 | 5.2 |
| 1984 ----- | 6.9 | 8.1 | 6.2 | 5.0 |
| 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 |

2.9 years in 1900–1902 to 7.6 years by 1969–71; the difference narrowed to 6.8 years in 1985 and 6.7 years by 1987. For the black population, the difference increased from 2.5 years in 1900–1902 to 8.8 by 1979–81; it narrowed to 8.1 by 1984, and steadily increased to 8.4 years in 1987.

Life-expectancy differences between the races have generally narrowed since the beginning of the century (table C), though they began widening in 1985. By 1987, white males had a life expectancy that was 7.0 years greater than that of black males compared with a difference of 6.8 years in 1986 and 15.7 years in 1900–1902. For women the race difference in life expectancy diminished from 16.0 years in 1900–1902 to 5.3 years in 1986 and 1987 (table C).

In 1987, among the four race-sex groups, the percent surviving from birth to age 65 years for white females was 85.9; black females, 75.1; white males, 75.1; and black males, 58.4. Median age at death in 1987 showed the same order among the four race-sex groups as the life expectancy (table D).

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

Table D. 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, 1986, and 1987

| Life table value, period, and age | Total | White | | All other | | | |
|-------------------------------------|-------|-------|--------|-----------|--------|-------|--------|
| | | | | Total | | Black | |
| | | Male | Female | Male | Female | Male | Female |
| Percent surviving from birth | | | | | | | |
| To age 1 year: | | | | | | | |
| 1987 ----- | 99.0 | 99.0 | 99.2 | 98.3 | 98.6 | 98.0 | 98.4 |
| 1986 ----- | 99.0 | 99.0 | 99.2 | 98.3 | 98.6 | 98.0 | 98.4 |
| 1979–81 ----- | 98.7 | 98.8 | 99.0 | 97.9 | 98.3 | 97.7 | 98.1 |
| 1969–71 ----- | 98.0 | 98.0 | 98.5 | 96.6 | 97.2 | 96.4 | 97.1 |
| 1959–61 ----- | 97.4 | 97.4 | 98.0 | 95.3 | 96.2 | --- | --- |
| 1900–1902 ----- | 87.6 | 86.7 | 88.9 | --- | --- | 74.7 | 78.5 |
| To age 20 years: | | | | | | | |
| 1987 ----- | 98.1 | 98.0 | 98.7 | 97.0 | 97.9 | 96.6 | 97.6 |
| 1986 ----- | 98.1 | 97.9 | 98.6 | 97.0 | 97.9 | 96.6 | 97.6 |
| 1979–81 ----- | 97.7 | 97.5 | 98.4 | 96.4 | 97.4 | 96.1 | 97.2 |
| 1969–71 ----- | 96.7 | 96.5 | 97.6 | 94.3 | 95.9 | 94.1 | 95.7 |
| 1959–61 ----- | 96.1 | 95.9 | 97.1 | 93.1 | 94.7 | --- | --- |
| 1900–1902 ----- | 77.2 | 76.4 | 79.0 | --- | --- | 56.7 | 59.1 |
| To age 65 years: | | | | | | | |
| 1987 ----- | 79.0 | 75.1 | 85.9 | 62.9 | 77.9 | 58.4 | 75.1 |
| 1986 ----- | 78.8 | 74.8 | 85.7 | 62.5 | 77.7 | 58.1 | 74.9 |
| 1979–81 ----- | 77.1 | 72.4 | 84.8 | 58.5 | 75.4 | 55.1 | 73.3 |
| 1969–71 ----- | 71.9 | 66.3 | 81.6 | 49.6 | 66.1 | 47.5 | 64.7 |
| 1959–61 ----- | 71.1 | 65.8 | 80.7 | 51.4 | 60.8 | --- | --- |
| 1900–1902 ----- | 40.9 | 39.2 | 43.8 | --- | --- | 19.0 | 22.0 |
| Median age at death: | | | | | | | |
| 1987 ----- | 78.6 | 75.6 | 82.3 | 71.1 | 79.1 | 68.9 | 77.5 |
| 1986 ----- | 78.4 | 75.4 | 82.2 | 70.9 | 78.9 | 68.8 | 77.3 |
| 1979–81 ----- | 77.6 | 74.2 | 81.8 | 69.0 | 77.8 | 67.4 | 76.6 |
| 1969–71 ----- | 74.9 | 71.5 | 79.5 | 64.8 | 72.8 | 63.8 | 72.2 |
| 1959–61 ----- | 74.3 | 71.4 | 78.5 | 65.6 | 70.6 | --- | --- |
| 1900–1902 ----- | 58.4 | 57.2 | 60.6 | --- | --- | 29.8 | 34.3 |

POPULATION BASES FOR COMPUTING LIFE TABLES

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

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

The 1979–81 decennial life tables have been used as the standard life tables for the 1983–87 life tables as well as for revised life table values for 1980–82 shown in this section.

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

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

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

The population used for computing life table values shown in this section (furnished by the U.S. Bureau of the Census) represents the resident population of the United States. The populations used for computing the 1987 life table values are estimated as of July 1, 1987, and are based on the 1980 census levels (6). The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. For a detailed discussion of modification procedures, see U.S. Bureau of the Census (7).

Population estimates used to compute death rates for 1984–87 incorporate new estimation procedures for net migration and net undocumented immigration. Death rates for 1987 are comparable with those for 1984–86, but are not strictly comparable with those for previous years. For additional details, see the Technical Appendix in *Vital Statistics of the United States, 1987* (Vol. II, Mortality, Pt. A), and U.S. Bureau of the Census (8).

EXPLANATION OF THE COLUMNS OF THE LIFE TABLES

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

Column 2—Proportion dying (${}_nq_x$)—This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval and who will die before reaching the end of that age interval. For example, for males in the age interval 20–25, the proportion dying is 0.0085: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 9 will die before reaching their 25th birthday. In other words, the ${}_nq_x$ values represent *probabilities* that persons who are alive at the beginning of a specific age interval will die before reaching the beginning of the next age interval. The “proportion dying” column forms the basis of the life table. The life table is so constructed that all other columns are derived from it.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval. The l_x values are computed from the ${}_nq_x$ values, which are successively applied to the remainder of the original 100,000 persons still alive at the beginning of each age interval. Thus out of 100,000 male babies born alive, 98,880 will complete the first year of life and enter the second; 98,656 will begin the sixth year; 97,758 will reach age 20; and 20,513 will live to age 85.

Column 4—Number dying (${}_nd_x$)—This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 males born alive, 1,120 will die in the first year of life; 224 in the succeeding 4 years; 834 in the 5-year period between exact ages 20 and

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25, and 20,513 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 is 486,750. This means that in a stationary population of males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 486,750 persons between exact ages 20 and 25.

Column 6 shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 5,178,242 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 7,147,815.

Column 7—Average remaining lifetime (\hat{e}_x)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. To arrive at this value, it is first necessary to observe that the figures in column 5 of the life table can also be interpreted in terms of a single life table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 486,750 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,758 (column 3) who reached the 20th birthday out of 100,000 males

born alive. The corresponding figure 5,178,242 in column 6 is the total number of years lived after attaining age 20 by the 97,758 reaching that age. This number of years divided by the number of persons (5,178,242 divided by 97,758) gives 53.0 years as the average remaining lifetime of males at age 20.

SYMBOLS

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

REFERENCES

1. Shryock HS, Siegel JS, et al. The Methods and materials of demography, Vol. 2. U.S. Bureau of the Census. Washington: U.S. Government Printing Office. 1971.
2. Moriyama IM, Gustavus SO. Cohort mortality and survivorship, United States death-registration States, 1900–68. National Center for Health Statistics. Vital Health Stat 3(16). DHEW Pub. No. (HSM) 73–1400. Health Services and Mental Health Administration. Washington: U.S. Government Printing Office. 1972.
3. Greville TNE, Carlson GA. Method of constructing the abridged life tables for the United States, 1949. National Office of Vital Statistics. Vital Statistics-Special Reports. Vol. 33, No. 15. Washington: Public Health Service. 1953.
4. Sirken MG. Comparison of two methods of constructing abridged life tables by reference to a "standard" table. National Center for Health Statistics. Vital Health Stat 2(4). 1966.
5. Greville TNE, Carlson GA. Estimated average length of life in the death-registration States. National Office of Vital Statistics. Vital Statistics-Special Reports. Vol. 33, No. 9. Washington: Public Health Service. 1951.
6. U.S. Bureau of the Census. United States population estimates, by age, sex, and race: 1980 to 1987. Current population reports; series P-25, no 1022. Washington: U.S. Government Printing Office. 1988.
7. U.S. Bureau of the Census. Preliminary estimates of the population of the United States, by age, sex, and race: 1970 to 1981. Current population reports; series P-25, no 917. Washington: U.S. Government Printing Office. 1982.
8. U.S. Bureau of the Census. Estimates of the population of the United States, by age, sex, and race: 1980 to 1985. Current population reports; series P-25, no 985. Washington: U.S. Government Printing Office. 1986.

SECTION 6 - LIFE TABLES - PAGE 6

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1987

| 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 | 0.0101 | 100,000 | 1,011 | 99,135 | 7,496,306 | 75.0 |
| 1-5 | .0020 | 98,989 | 201 | 395,485 | 7,397,171 | 74.7 |
| 5-10 | .0012 | 98,788 | 121 | 493,611 | 7,001,686 | 70.9 |
| 10-15 | .0013 | 98,667 | 131 | 493,081 | 6,508,075 | 66.0 |
| 15-20 | .0042 | 98,536 | 414 | 491,741 | 6,014,994 | 61.0 |
| 20-25 | .0057 | 98,122 | 555 | 489,250 | 5,523,253 | 56.3 |
| 25-30 | .0060 | 97,567 | 587 | 486,366 | 5,034,003 | 51.6 |
| 30-35 | .0073 | 96,980 | 707 | 483,174 | 4,547,637 | 46.9 |
| 35-40 | .0093 | 96,273 | 900 | 479,243 | 4,064,463 | 42.2 |
| 40-45 | .0124 | 95,373 | 1,178 | 474,130 | 3,585,220 | 37.6 |
| 45-50 | .0191 | 94,195 | 1,798 | 466,809 | 3,111,090 | 33.0 |
| 50-55 | .0307 | 92,397 | 2,841 | 455,329 | 2,644,281 | 28.6 |
| 55-60 | .0473 | 89,556 | 4,240 | 437,789 | 2,188,952 | 24.4 |
| 60-65 | .0736 | 85,316 | 6,276 | 411,740 | 1,751,163 | 20.5 |
| 65-70 | .1059 | 79,040 | 8,368 | 375,183 | 1,339,423 | 16.9 |
| 70-75 | .1585 | 70,672 | 11,203 | 326,327 | 964,240 | 13.6 |
| 75-80 | .2292 | 59,469 | 13,630 | 264,101 | 637,913 | 10.7 |
| 80-85 | .3407 | 45,839 | 15,619 | 190,359 | 373,812 | 8.2 |
| 85 and over | 1.0000 | 30,220 | 30,220 | 183,453 | 183,453 | 6.1 |
| MALE | | | | | | |
| 0-1 | .0112 | 100,000 | 1,120 | 99,038 | 7,147,815 | 71.5 |
| 1-5 | .0023 | 98,880 | 224 | 395,001 | 7,048,777 | 71.3 |
| 5-10 | .0015 | 98,656 | 145 | 492,884 | 6,653,776 | 67.4 |
| 10-15 | .0017 | 98,511 | 169 | 492,247 | 6,160,892 | 62.5 |
| 15-20 | .0059 | 98,342 | 584 | 490,403 | 5,668,645 | 57.6 |
| 20-25 | .0085 | 97,758 | 834 | 486,750 | 5,178,242 | 53.0 |
| 25-30 | .0088 | 96,924 | 851 | 482,469 | 4,691,492 | 48.4 |
| 30-35 | .0104 | 96,073 | 1,002 | 477,890 | 4,209,023 | 43.8 |
| 35-40 | .0130 | 95,071 | 1,234 | 472,426 | 3,731,133 | 39.2 |
| 40-45 | .0165 | 93,837 | 1,548 | 465,582 | 3,258,707 | 34.7 |
| 45-50 | .0247 | 92,289 | 2,278 | 456,173 | 2,793,125 | 30.3 |
| 50-55 | .0396 | 90,011 | 3,565 | 441,710 | 2,336,952 | 26.0 |
| 55-60 | .0615 | 86,446 | 5,320 | 419,678 | 1,895,242 | 21.9 |
| 60-65 | .0957 | 81,126 | 7,760 | 387,232 | 1,475,564 | 18.2 |
| 65-70 | .1366 | 73,366 | 10,020 | 342,720 | 1,088,332 | 14.8 |
| 70-75 | .2060 | 63,346 | 13,051 | 284,848 | 745,612 | 11.8 |
| 75-80 | .2949 | 50,295 | 14,830 | 214,531 | 460,764 | 9.2 |
| 80-85 | .4216 | 35,465 | 14,952 | 139,084 | 246,233 | 6.9 |
| 85 and over | 1.0000 | 20,513 | 20,513 | 107,149 | 107,149 | 5.2 |
| FEMALE | | | | | | |
| 0-1 | .0090 | 100,000 | 896 | 99,236 | 7,836,924 | 78.4 |
| 1-5 | .0018 | 99,104 | 177 | 395,993 | 7,737,688 | 78.1 |
| 5-10 | .0010 | 98,927 | 96 | 494,374 | 7,341,695 | 74.2 |
| 10-15 | .0009 | 98,831 | 91 | 493,958 | 6,847,321 | 69.3 |
| 15-20 | .0024 | 98,740 | 237 | 493,145 | 6,353,363 | 64.3 |
| 20-25 | .0027 | 98,503 | 271 | 491,850 | 5,860,218 | 59.5 |
| 25-30 | .0032 | 98,232 | 317 | 490,384 | 5,368,368 | 54.6 |
| 30-35 | .0042 | 97,915 | 409 | 488,600 | 4,877,984 | 49.8 |
| 35-40 | .0058 | 97,506 | 562 | 486,224 | 4,389,384 | 45.0 |
| 40-45 | .0084 | 96,944 | 810 | 482,845 | 3,903,160 | 40.3 |
| 45-50 | .0137 | 96,134 | 1,319 | 477,612 | 3,420,315 | 35.6 |
| 50-55 | .0224 | 94,815 | 2,122 | 469,099 | 2,942,703 | 31.0 |
| 55-60 | .0342 | 92,693 | 3,174 | 455,998 | 2,473,604 | 26.7 |
| 60-65 | .0540 | 89,519 | 4,831 | 436,220 | 2,017,606 | 22.5 |
| 65-70 | .0796 | 84,688 | 6,737 | 407,479 | 1,581,386 | 18.7 |
| 70-75 | .1213 | 77,951 | 9,458 | 367,324 | 1,173,907 | 15.1 |
| 75-80 | .1840 | 68,493 | 12,604 | 312,442 | 806,583 | 11.8 |
| 80-85 | .2937 | 55,889 | 16,416 | 239,551 | 494,141 | 8.8 |
| 85 and over | 1.0000 | 39,473 | 39,473 | 254,590 | 254,590 | 6.4 |

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1987—Con.

| Age interval Period of life between two exact ages stated in years, race, and sex (1) | Proportion dying | Of 100,000 born alive | | Stationary population | | Average remaining lifetime |
|---|--|---|--|--------------------------------|---|---|
| | Proportion of persons alive at beginning of age interval dying during interval (2) | Number living at beginning of age interval (3) | Number dying during age interval (4) | In the age interval (5) | In this and all subsequent age intervals (6) | Average number of years of life remaining at beginning of age interval (7) |
| x to $x + n$ | nq_x | l_x | n^d_x | nL_x | T_x | e_x |
| WHITE | | | | | | |
| 0-1 | 0.0086 | 100,000 | 864 | 99,261 | 7,561,427 | 75.6 |
| 1-5 | .0018 | 99,136 | 182 | 396,118 | 7,462,166 | 75.3 |
| 5-10 | .0011 | 98,954 | 113 | 494,463 | 7,066,048 | 71.4 |
| 10-15 | .0013 | 98,841 | 124 | 493,969 | 6,571,585 | 66.5 |
| 15-20 | .0041 | 98,717 | 408 | 492,656 | 6,077,616 | 61.6 |
| 20-25 | .0052 | 98,309 | 508 | 490,291 | 5,584,960 | 56.8 |
| 25-30 | .0053 | 97,801 | 521 | 487,689 | 5,094,669 | 52.1 |
| 30-35 | .0062 | 97,280 | 606 | 484,918 | 4,606,980 | 47.4 |
| 35-40 | .0079 | 96,674 | 764 | 481,570 | 4,122,062 | 42.6 |
| 40-45 | .0108 | 95,910 | 1,033 | 477,158 | 3,640,492 | 38.0 |
| 45-50 | .0171 | 94,877 | 1,622 | 470,647 | 3,163,334 | 33.3 |
| 50-55 | .0282 | 93,255 | 2,626 | 460,149 | 2,692,687 | 28.9 |
| 55-60 | .0447 | 90,629 | 4,055 | 443,626 | 2,232,538 | 24.6 |
| 60-65 | .0704 | 86,574 | 6,097 | 418,500 | 1,788,912 | 20.7 |
| 65-70 | .1029 | 80,477 | 8,277 | 382,641 | 1,370,412 | 17.0 |
| 70-75 | .1559 | 72,200 | 11,257 | 333,895 | 987,771 | 13.7 |
| 75-80 | .2277 | 60,943 | 13,880 | 270,938 | 653,876 | 10.7 |
| 80-85 | .3386 | 47,063 | 15,936 | 195,736 | 382,938 | 8.1 |
| 85 and over | 1.0000 | 31,127 | 31,127 | 187,202 | 187,202 | 6.0 |
| WHITE, MALE | | | | | | |
| 0-1 | .0096 | 100,000 | 963 | 99,174 | 7,221,252 | 72.2 |
| 1-5 | .0021 | 99,037 | 203 | 395,679 | 7,122,078 | 71.9 |
| 5-10 | .0014 | 98,834 | 136 | 493,799 | 6,726,399 | 68.1 |
| 10-15 | .0016 | 98,698 | 159 | 493,206 | 6,232,600 | 63.1 |
| 15-20 | .0058 | 98,539 | 569 | 491,415 | 5,739,394 | 58.2 |
| 20-25 | .0078 | 97,970 | 766 | 487,961 | 5,247,979 | 53.6 |
| 25-30 | .0078 | 97,204 | 756 | 484,093 | 4,760,018 | 49.0 |
| 30-35 | .0090 | 96,448 | 864 | 480,101 | 4,275,925 | 44.3 |
| 35-40 | .0109 | 95,584 | 1,045 | 475,442 | 3,795,824 | 39.7 |
| 40-45 | .0143 | 94,539 | 1,352 | 469,563 | 3,320,382 | 35.1 |
| 45-50 | .0220 | 93,187 | 2,051 | 461,218 | 2,850,819 | 30.6 |
| 50-55 | .0362 | 91,136 | 3,302 | 447,987 | 2,389,601 | 26.2 |
| 55-60 | .0583 | 87,834 | 5,124 | 427,135 | 1,941,614 | 22.1 |
| 60-65 | .0921 | 82,710 | 7,615 | 395,562 | 1,514,479 | 18.3 |
| 65-70 | .1331 | 75,095 | 9,994 | 351,500 | 1,118,917 | 14.9 |
| 70-75 | .2037 | 65,101 | 13,258 | 293,186 | 767,417 | 11.8 |
| 75-80 | .2943 | 51,843 | 15,256 | 221,261 | 474,231 | 9.1 |
| 80-85 | .4203 | 36,587 | 15,379 | 143,600 | 252,970 | 6.9 |
| 85 and over | 1.0000 | 21,208 | 21,208 | 109,370 | 109,370 | 5.2 |
| WHITE, FEMALE | | | | | | |
| 0-1 | .0076 | 100,000 | 759 | 99,353 | 7,893,811 | 78.9 |
| 1-5 | .0016 | 99,241 | 159 | 396,582 | 7,794,458 | 78.5 |
| 5-10 | .0009 | 99,082 | 89 | 495,169 | 7,397,876 | 74.7 |
| 10-15 | .0009 | 98,993 | 87 | 494,780 | 6,902,707 | 69.7 |
| 15-20 | .0024 | 98,906 | 240 | 493,967 | 6,407,927 | 64.8 |
| 20-25 | .0025 | 98,666 | 244 | 492,725 | 5,913,960 | 59.9 |
| 25-30 | .0028 | 98,422 | 277 | 491,428 | 5,421,235 | 55.1 |
| 30-35 | .0034 | 98,145 | 338 | 489,918 | 4,929,807 | 50.2 |
| 35-40 | .0049 | 97,807 | 476 | 487,927 | 4,439,889 | 45.4 |
| 40-45 | .0073 | 97,331 | 709 | 485,017 | 3,951,962 | 40.6 |
| 45-50 | .0123 | 96,622 | 1,189 | 480,364 | 3,466,945 | 35.9 |
| 50-55 | .0204 | 95,433 | 1,944 | 472,624 | 2,986,581 | 31.3 |
| 55-60 | .0320 | 93,489 | 2,995 | 460,420 | 2,513,957 | 26.9 |
| 60-65 | .0511 | 90,494 | 4,623 | 441,618 | 2,053,537 | 22.7 |
| 65-70 | .0767 | 85,871 | 6,590 | 413,791 | 1,611,919 | 18.8 |
| 70-75 | .1184 | 79,281 | 9,387 | 374,207 | 1,198,128 | 15.1 |
| 75-80 | .1821 | 69,894 | 12,727 | 319,262 | 823,921 | 11.8 |
| 80-85 | .2913 | 57,167 | 16,653 | 245,440 | 504,659 | 8.8 |
| 85 and over | 1.0000 | 40,514 | 40,514 | 259,219 | 259,219 | 6.4 |

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1987—Con.

| Age interval Period of life between two exact ages stated in years, race, and sex (1) | Proportion dying | Of 100,000 born alive | | Stationary population | | Average remaining lifetime |
|---|--|---|--|--------------------------------|---|---|
| | Proportion of persons alive at beginning of age interval dying during interval (2) | Number living at beginning of age interval (3) | Number dying during age interval (4) | In the age interval (5) | In this and all subsequent age intervals (6) | Average number of years of life remaining at beginning of age interval (7) |
| x to $x + n$ | nq_x | l_x | n^d_x | nL_x | T_x | e_x |
| ALL OTHER | | | | | | |
| 0-1 | 0.0155 | 100,000 | 1,552 | 98,671 | 7,129,927 | 71.3 |
| 1-5 | .0028 | 98,448 | 277 | 393,142 | 7,031,256 | 71.4 |
| 5-10 | .0016 | 98,171 | 153 | 490,432 | 6,638,114 | 67.6 |
| 10-15 | .0016 | 98,018 | 159 | 489,757 | 6,147,682 | 62.7 |
| 15-20 | .0045 | 97,859 | 442 | 488,313 | 5,667,925 | 57.8 |
| 20-25 | .0080 | 97,417 | 776 | 485,255 | 5,169,612 | 53.1 |
| 25-30 | .0096 | 96,641 | 924 | 480,962 | 4,684,357 | 48.5 |
| 30-35 | .0131 | 95,717 | 1,251 | 475,565 | 4,203,395 | 43.9 |
| 35-40 | .0175 | 94,466 | 1,655 | 468,417 | 3,727,830 | 39.5 |
| 40-45 | .0228 | 92,811 | 2,112 | 459,094 | 3,259,413 | 35.1 |
| 45-50 | .0313 | 90,699 | 2,838 | 446,831 | 2,800,319 | 30.9 |
| 50-55 | .0471 | 87,861 | 4,136 | 429,485 | 2,353,488 | 26.8 |
| 55-60 | .0654 | 83,725 | 5,478 | 405,491 | 1,924,003 | 23.0 |
| 60-65 | .0974 | 78,247 | 7,624 | 372,808 | 1,518,512 | 19.4 |
| 65-70 | .1306 | 70,623 | 9,226 | 330,616 | 1,145,704 | 16.2 |
| 70-75 | .1814 | 61,397 | 11,136 | 279,673 | 815,088 | 13.3 |
| 75-80 | .2427 | 50,261 | 12,199 | 220,953 | 535,415 | 10.7 |
| 80-85 | .3633 | 38,062 | 13,826 | 155,493 | 314,462 | 8.3 |
| 85 and over | 1.0000 | 24,236 | 24,236 | 158,969 | 158,969 | 6.6 |
| ALL OTHER, MALE | | | | | | |
| 0-1 | .0170 | 100,000 | 1,703 | 98,536 | 6,727,451 | 67.3 |
| 1-5 | .0031 | 98,297 | 306 | 392,480 | 6,628,915 | 67.4 |
| 5-10 | .0018 | 97,991 | 180 | 489,459 | 6,236,435 | 63.6 |
| 10-15 | .0021 | 97,811 | 209 | 488,637 | 5,746,976 | 58.8 |
| 15-20 | .0067 | 97,602 | 652 | 486,583 | 5,258,339 | 53.9 |
| 20-25 | .0121 | 96,950 | 1,170 | 482,002 | 4,771,756 | 49.2 |
| 25-30 | .0142 | 95,780 | 1,364 | 475,575 | 4,289,754 | 44.8 |
| 30-35 | .0189 | 94,416 | 1,784 | 467,739 | 3,814,179 | 40.4 |
| 35-40 | .0256 | 92,632 | 2,372 | 457,500 | 3,346,440 | 36.1 |
| 40-45 | .0320 | 90,260 | 2,884 | 444,491 | 2,888,940 | 32.0 |
| 45-50 | .0424 | 87,376 | 3,704 | 428,165 | 2,444,449 | 28.0 |
| 50-55 | .0623 | 83,672 | 5,215 | 405,930 | 2,016,284 | 24.1 |
| 55-60 | .0852 | 78,457 | 6,683 | 376,142 | 1,610,954 | 20.5 |
| 60-65 | .1241 | 71,774 | 8,906 | 337,196 | 1,234,212 | 17.2 |
| 65-70 | .1680 | 62,868 | 10,435 | 288,611 | 897,016 | 14.3 |
| 70-75 | .2274 | 52,433 | 11,923 | 232,508 | 608,405 | 11.6 |
| 75-80 | .3010 | 40,510 | 12,194 | 171,781 | 375,897 | 9.3 |
| 80-85 | .4311 | 28,316 | 12,207 | 110,322 | 204,116 | 7.2 |
| 85 and over | 1.0000 | 16,109 | 16,109 | 93,794 | 93,794 | 5.8 |
| ALL OTHER, FEMALE | | | | | | |
| 0-1 | .0140 | 100,000 | 1,396 | 98,812 | 7,519,240 | 75.2 |
| 1-5 | .0025 | 98,604 | 249 | 393,822 | 7,420,428 | 75.3 |
| 5-10 | .0013 | 98,355 | 123 | 491,435 | 7,026,606 | 71.4 |
| 10-15 | .0011 | 98,232 | 107 | 490,919 | 6,535,171 | 66.5 |
| 15-20 | .0023 | 98,125 | 225 | 490,109 | 6,044,252 | 61.6 |
| 20-25 | .0040 | 97,900 | 395 | 488,568 | 5,554,143 | 56.7 |
| 25-30 | .0062 | 97,505 | 511 | 486,301 | 5,065,575 | 52.0 |
| 30-35 | .0078 | 96,994 | 756 | 483,177 | 4,579,274 | 47.2 |
| 35-40 | .0105 | 96,238 | 1,013 | 478,833 | 4,096,097 | 42.6 |
| 40-45 | .0149 | 95,225 | 1,421 | 472,614 | 3,617,264 | 38.0 |
| 45-50 | .0218 | 93,804 | 2,048 | 464,230 | 3,144,450 | 33.5 |
| 50-55 | .0342 | 91,756 | 3,141 | 451,348 | 2,680,220 | 29.2 |
| 55-60 | .0489 | 88,615 | 4,330 | 432,780 | 2,228,872 | 25.2 |
| 60-65 | .0763 | 84,285 | 6,345 | 406,229 | 1,796,092 | 21.3 |
| 65-70 | .1018 | 77,940 | 7,935 | 370,585 | 1,389,863 | 17.8 |
| 70-75 | .1467 | 70,005 | 10,267 | 325,221 | 1,019,278 | 14.6 |
| 75-80 | .2017 | 59,738 | 12,051 | 269,125 | 694,057 | 11.6 |
| 80-85 | .3203 | 47,697 | 15,273 | 200,516 | 424,932 | 8.9 |
| 85 and over | 1.0000 | 32,414 | 32,414 | 224,416 | 224,416 | 6.9 |

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1987—Con.

| Age interval Period of life between two exact ages stated in years, race, and sex (1) | Proportion dying | Of 100,000 born alive | | Stationary population | | Average remaining lifetime |
|---|--|---|--|--------------------------------|---|---|
| | Proportion of persons alive at beginning of age interval dying during interval (2) | Number living at beginning of age interval (3) | Number dying during age interval (4) | In the age interval (5) | In this and all subsequent age intervals (6) | Average number of years of life remaining at beginning of age interval (7) |
| x to $x+n$ | nq_x | l_x | $n^d x$ | nL_x | T_x | e_x |
| BLACK | | | | | | |
| 0-1 | 0.0180 | 100,000 | 1,795 | 98,449 | 6,944,896 | 69.4 |
| 1-5 | .0031 | 98,205 | 308 | 392,097 | 6,846,447 | 69.7 |
| 5-10 | .0017 | 97,897 | 163 | 489,033 | 6,454,350 | 65.9 |
| 10-15 | .0017 | 97,734 | 169 | 488,311 | 5,965,317 | 61.0 |
| 15-20 | .0048 | 97,565 | 472 | 486,780 | 5,477,006 | 56.1 |
| 20-25 | .0087 | 97,093 | 842 | 483,494 | 4,990,226 | 51.4 |
| 25-30 | .0109 | 96,251 | 1,045 | 478,736 | 4,506,732 | 46.8 |
| 30-35 | .0156 | 95,206 | 1,485 | 472,457 | 4,027,996 | 42.3 |
| 35-40 | .0212 | 93,721 | 1,983 | 464,103 | 3,555,539 | 37.9 |
| 40-45 | .0275 | 91,738 | 2,527 | 452,745 | 3,091,436 | 33.7 |
| 45-50 | .0369 | 89,211 | 3,292 | 438,304 | 2,638,691 | 29.6 |
| 50-55 | .0544 | 85,919 | 4,677 | 418,457 | 2,200,387 | 25.6 |
| 55-60 | .0737 | 81,242 | 5,988 | 391,809 | 1,781,930 | 21.9 |
| 60-65 | .1102 | 75,254 | 8,293 | 356,144 | 1,390,121 | 18.5 |
| 65-70 | .1454 | 66,961 | 9,739 | 310,980 | 1,033,977 | 15.4 |
| 70-75 | .1992 | 57,222 | 11,397 | 258,060 | 722,997 | 12.6 |
| 75-80 | .2649 | 45,825 | 12,137 | 198,812 | 464,937 | 10.1 |
| 80-85 | .3917 | 33,688 | 13,196 | 135,066 | 266,125 | 7.9 |
| 85 and over | 1.0000 | 20,492 | 20,492 | 131,059 | 131,059 | 6.4 |
| BLACK, MALE | | | | | | |
| 0-1 | .0197 | 100,000 | 1,974 | 98,297 | 6,517,720 | 65.2 |
| 1-5 | .0035 | 98,026 | 339 | 391,319 | 6,419,423 | 65.5 |
| 5-10 | .0020 | 97,687 | 192 | 487,903 | 6,028,104 | 61.7 |
| 10-15 | .0023 | 97,495 | 222 | 487,022 | 5,540,201 | 56.8 |
| 15-20 | .0072 | 97,273 | 701 | 484,835 | 5,053,179 | 51.9 |
| 20-25 | .0133 | 96,572 | 1,288 | 479,857 | 4,568,344 | 47.3 |
| 25-30 | .0163 | 95,284 | 1,554 | 472,658 | 4,088,487 | 42.9 |
| 30-35 | .0228 | 93,730 | 2,134 | 463,478 | 3,615,829 | 38.6 |
| 35-40 | .0313 | 91,596 | 2,866 | 451,130 | 3,152,351 | 34.4 |
| 40-45 | .0393 | 88,730 | 3,485 | 435,400 | 2,701,221 | 30.4 |
| 45-50 | .0509 | 85,245 | 4,336 | 415,973 | 2,265,821 | 26.6 |
| 50-55 | .0731 | 80,909 | 5,912 | 390,400 | 1,849,848 | 22.9 |
| 55-60 | .0953 | 74,997 | 7,144 | 357,668 | 1,459,448 | 19.5 |
| 60-65 | .1393 | 67,853 | 9,452 | 316,155 | 1,101,780 | 16.2 |
| 65-70 | .1847 | 58,401 | 10,786 | 265,317 | 785,625 | 13.5 |
| 70-75 | .2504 | 47,615 | 11,921 | 208,286 | 520,308 | 10.9 |
| 75-80 | .3291 | 35,694 | 11,747 | 148,638 | 312,022 | 8.7 |
| 80-85 | .4628 | 23,947 | 11,082 | 91,168 | 163,384 | 6.8 |
| 85 and over | 1.0000 | 12,865 | 12,865 | 72,216 | 72,216 | 5.6 |
| BLACK, FEMALE | | | | | | |
| 0-1 | .0161 | 100,000 | 1,611 | 98,605 | 7,360,180 | 73.6 |
| 1-5 | .0028 | 98,389 | 276 | 392,893 | 7,261,575 | 73.8 |
| 5-10 | .0014 | 98,113 | 133 | 490,193 | 6,868,682 | 70.0 |
| 10-15 | .0011 | 97,980 | 111 | 489,648 | 6,378,489 | 65.1 |
| 15-20 | .0024 | 97,869 | 239 | 488,801 | 5,888,841 | 60.2 |
| 20-25 | .0043 | 97,630 | 421 | 487,164 | 5,400,040 | 55.3 |
| 25-30 | .0059 | 97,209 | 575 | 484,678 | 4,912,876 | 50.5 |
| 30-35 | .0092 | 96,634 | 893 | 481,057 | 4,428,198 | 45.8 |
| 35-40 | .0126 | 95,741 | 1,202 | 475,902 | 3,947,141 | 41.2 |
| 40-45 | .0178 | 94,539 | 1,679 | 468,782 | 3,471,239 | 36.7 |
| 45-50 | .0254 | 92,860 | 2,358 | 458,777 | 3,002,457 | 32.3 |
| 50-55 | .0391 | 90,502 | 3,537 | 444,126 | 2,543,680 | 28.1 |
| 55-60 | .0552 | 86,965 | 4,802 | 423,380 | 2,099,554 | 24.1 |
| 60-65 | .0857 | 82,163 | 7,044 | 393,877 | 1,676,174 | 20.4 |
| 65-70 | .1137 | 75,119 | 8,542 | 354,961 | 1,282,297 | 17.1 |
| 70-75 | .1614 | 66,577 | 10,747 | 306,843 | 927,336 | 13.9 |
| 75-80 | .2214 | 55,830 | 12,360 | 248,745 | 620,493 | 11.1 |
| 80-85 | .3486 | 43,470 | 15,153 | 179,592 | 371,748 | 8.6 |
| 85 and over | 1.0000 | 28,317 | 28,317 | 192,156 | 192,156 | 6.8 |

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1987

| 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 | 75.0 | 71.5 | 78.4 | 75.6 | 72.2 | 78.9 | 71.3 | 67.3 | 75.2 | 69.4 | 65.2 | 73.6 |
| 1 | 74.7 | 71.3 | 78.1 | 75.3 | 71.9 | 78.5 | 71.4 | 67.4 | 75.3 | 69.7 | 65.5 | 73.8 |
| 2 | 73.8 | 70.3 | 77.1 | 74.3 | 71.0 | 77.6 | 70.5 | 66.5 | 74.3 | 68.8 | 64.6 | 72.9 |
| 3 | 72.8 | 69.4 | 76.2 | 73.4 | 70.0 | 76.6 | 69.5 | 65.6 | 73.4 | 67.8 | 63.6 | 71.9 |
| 4 | 71.9 | 68.4 | 75.2 | 72.4 | 69.0 | 75.6 | 68.6 | 64.6 | 72.4 | 66.9 | 62.7 | 71.0 |
| 5 | 70.9 | 67.4 | 74.2 | 71.4 | 68.1 | 74.7 | 67.6 | 63.6 | 71.4 | 65.9 | 61.7 | 70.0 |
| 6 | 69.9 | 66.5 | 73.2 | 70.4 | 67.1 | 73.7 | 66.6 | 62.7 | 70.5 | 65.0 | 60.7 | 69.0 |
| 7 | 68.9 | 65.5 | 72.2 | 69.4 | 66.1 | 72.7 | 65.7 | 61.7 | 69.5 | 64.0 | 59.8 | 68.1 |
| 8 | 67.9 | 64.5 | 71.3 | 68.5 | 65.1 | 71.7 | 64.7 | 60.7 | 68.5 | 63.0 | 58.8 | 67.1 |
| 9 | 66.9 | 63.5 | 70.3 | 67.5 | 64.1 | 70.7 | 63.7 | 59.7 | 67.5 | 62.0 | 57.8 | 66.1 |
| 10 | 66.0 | 62.5 | 69.3 | 66.5 | 63.1 | 69.7 | 62.7 | 58.8 | 66.5 | 61.0 | 56.8 | 65.1 |
| 11 | 65.0 | 61.6 | 68.3 | 65.5 | 62.2 | 68.7 | 61.7 | 57.8 | 65.5 | 60.1 | 55.8 | 64.1 |
| 12 | 64.0 | 60.6 | 67.3 | 64.5 | 61.2 | 67.7 | 60.7 | 56.8 | 64.6 | 59.1 | 54.9 | 63.1 |
| 13 | 63.0 | 59.6 | 66.3 | 63.5 | 60.2 | 66.8 | 59.8 | 55.8 | 63.6 | 58.1 | 53.9 | 62.1 |
| 14 | 62.0 | 58.6 | 65.3 | 62.5 | 59.2 | 65.8 | 58.8 | 54.8 | 62.6 | 57.1 | 52.9 | 61.2 |
| 15 | 61.0 | 57.6 | 64.3 | 61.6 | 58.2 | 64.8 | 57.8 | 53.9 | 61.6 | 56.1 | 51.9 | 60.2 |
| 16 | 60.1 | 56.7 | 63.4 | 60.6 | 57.3 | 63.8 | 56.8 | 52.9 | 60.6 | 55.2 | 51.0 | 59.2 |
| 17 | 59.1 | 55.7 | 62.4 | 59.6 | 56.4 | 62.8 | 55.8 | 52.0 | 59.6 | 54.2 | 50.1 | 58.2 |
| 18 | 58.2 | 54.8 | 61.4 | 58.7 | 55.4 | 61.9 | 54.9 | 51.0 | 58.7 | 53.3 | 49.1 | 57.2 |
| 19 | 57.2 | 53.9 | 60.5 | 57.8 | 54.5 | 60.9 | 54.0 | 50.1 | 57.7 | 52.3 | 48.2 | 56.3 |
| 20 | 56.3 | 53.0 | 59.5 | 56.8 | 53.6 | 59.9 | 53.1 | 49.2 | 56.7 | 51.4 | 47.3 | 55.3 |
| 21 | 55.3 | 52.1 | 58.5 | 55.9 | 52.6 | 59.0 | 52.1 | 48.3 | 55.8 | 50.5 | 46.4 | 54.4 |
| 22 | 54.4 | 51.1 | 57.6 | 54.9 | 51.7 | 58.0 | 51.2 | 47.4 | 54.8 | 49.6 | 45.5 | 53.4 |
| 23 | 53.5 | 50.2 | 56.6 | 54.0 | 50.8 | 57.0 | 50.3 | 46.5 | 53.9 | 48.6 | 44.7 | 52.4 |
| 24 | 52.5 | 49.3 | 55.6 | 53.0 | 49.9 | 56.1 | 49.4 | 45.7 | 52.9 | 47.7 | 43.8 | 51.5 |
| 25 | 51.6 | 48.4 | 54.6 | 52.1 | 49.0 | 55.1 | 48.5 | 44.8 | 52.0 | 46.8 | 42.9 | 50.5 |
| 26 | 50.7 | 47.5 | 53.7 | 51.1 | 48.0 | 54.1 | 47.6 | 43.9 | 51.0 | 45.9 | 42.0 | 49.6 |
| 27 | 49.7 | 46.6 | 52.7 | 50.2 | 47.1 | 53.1 | 46.6 | 43.0 | 50.0 | 45.0 | 41.2 | 48.6 |
| 28 | 48.8 | 45.6 | 51.7 | 49.3 | 46.2 | 52.2 | 45.7 | 42.1 | 49.1 | 44.1 | 40.3 | 47.7 |
| 29 | 47.8 | 44.7 | 50.8 | 48.3 | 45.3 | 51.2 | 44.8 | 41.3 | 48.2 | 43.2 | 39.4 | 46.8 |
| 30 | 46.9 | 43.8 | 49.8 | 47.4 | 44.3 | 50.2 | 43.9 | 40.4 | 47.2 | 42.3 | 38.6 | 45.8 |
| 31 | 46.0 | 42.9 | 48.9 | 46.4 | 43.4 | 49.3 | 43.0 | 39.5 | 46.3 | 41.4 | 37.7 | 44.9 |
| 32 | 45.0 | 42.0 | 47.9 | 45.5 | 42.5 | 48.3 | 42.1 | 38.7 | 45.3 | 40.5 | 36.9 | 44.0 |
| 33 | 44.1 | 41.1 | 46.9 | 44.5 | 41.6 | 47.3 | 41.2 | 37.8 | 44.4 | 39.7 | 36.1 | 43.1 |
| 34 | 43.1 | 40.2 | 46.0 | 43.6 | 40.6 | 46.4 | 40.3 | 37.0 | 43.5 | 38.8 | 35.2 | 42.1 |
| 35 | 42.2 | 39.2 | 45.0 | 42.6 | 39.7 | 45.4 | 39.5 | 36.1 | 42.6 | 37.9 | 34.4 | 41.2 |
| 36 | 41.3 | 38.3 | 44.1 | 41.7 | 38.8 | 44.4 | 38.6 | 35.2 | 41.6 | 37.1 | 33.6 | 40.3 |
| 37 | 40.4 | 37.4 | 43.1 | 40.8 | 37.9 | 43.5 | 37.7 | 34.3 | 40.7 | 36.2 | 32.8 | 39.4 |
| 38 | 39.4 | 36.5 | 42.2 | 39.8 | 37.0 | 42.5 | 36.8 | 33.4 | 39.8 | 35.4 | 32.0 | 38.5 |
| 39 | 38.5 | 35.6 | 41.2 | 38.9 | 36.0 | 41.6 | 36.0 | 32.8 | 38.9 | 34.5 | 31.2 | 37.6 |
| 40 | 37.6 | 34.7 | 40.3 | 38.0 | 35.1 | 40.6 | 35.1 | 32.0 | 38.0 | 33.7 | 30.4 | 36.7 |
| 41 | 36.7 | 33.8 | 39.3 | 37.0 | 34.2 | 39.7 | 34.3 | 31.2 | 37.1 | 32.9 | 29.7 | 35.8 |
| 42 | 35.8 | 32.9 | 38.4 | 36.1 | 33.3 | 38.7 | 33.4 | 30.4 | 36.2 | 32.0 | 28.9 | 34.9 |
| 43 | 34.8 | 32.0 | 37.4 | 35.2 | 32.4 | 37.8 | 32.6 | 29.6 | 35.3 | 31.2 | 28.1 | 34.1 |
| 44 | 33.9 | 31.1 | 36.5 | 34.3 | 31.5 | 36.8 | 31.7 | 28.8 | 34.4 | 30.4 | 27.3 | 33.2 |
| 45 | 33.0 | 30.3 | 35.6 | 33.3 | 30.6 | 35.9 | 30.9 | 28.0 | 33.5 | 29.6 | 26.6 | 32.3 |
| 46 | 32.1 | 29.4 | 34.7 | 32.4 | 29.7 | 35.0 | 30.0 | 27.2 | 32.6 | 28.8 | 25.8 | 31.5 |
| 47 | 31.2 | 28.5 | 33.7 | 31.5 | 28.8 | 34.0 | 29.2 | 26.4 | 31.8 | 28.0 | 25.0 | 30.6 |
| 48 | 30.4 | 27.7 | 32.8 | 30.6 | 27.9 | 33.1 | 28.4 | 25.6 | 30.9 | 27.2 | 24.3 | 29.8 |
| 49 | 29.5 | 26.8 | 31.9 | 29.8 | 27.1 | 32.2 | 27.6 | 24.9 | 30.1 | 26.4 | 23.6 | 28.9 |
| 50 | 28.6 | 26.0 | 31.0 | 28.9 | 26.2 | 31.3 | 26.8 | 24.1 | 29.2 | 25.6 | 22.9 | 28.1 |
| 51 | 27.8 | 25.1 | 30.2 | 28.0 | 25.4 | 30.4 | 26.0 | 23.4 | 28.4 | 24.9 | 22.2 | 27.3 |
| 52 | 26.9 | 24.3 | 29.3 | 27.1 | 24.5 | 29.5 | 25.2 | 22.6 | 27.6 | 24.1 | 21.5 | 26.5 |
| 53 | 26.1 | 23.5 | 28.4 | 26.3 | 23.7 | 28.6 | 24.5 | 21.9 | 26.7 | 23.4 | 20.8 | 25.7 |
| 54 | 25.3 | 22.7 | 27.5 | 25.5 | 22.9 | 27.8 | 23.7 | 21.2 | 25.9 | 22.7 | 20.1 | 24.9 |
| 55 | 24.4 | 21.9 | 26.7 | 24.6 | 22.1 | 26.9 | 23.0 | 20.5 | 25.2 | 21.9 | 19.5 | 24.1 |
| 56 | 23.6 | 21.2 | 25.8 | 23.8 | 21.3 | 26.0 | 22.2 | 19.8 | 24.4 | 21.2 | 18.8 | 23.4 |
| 57 | 22.8 | 20.4 | 25.0 | 23.0 | 20.5 | 25.2 | 21.5 | 19.2 | 23.6 | 20.5 | 18.1 | 22.6 |
| 58 | 22.1 | 19.6 | 24.2 | 22.2 | 19.8 | 24.3 | 20.8 | 18.5 | 22.8 | 19.8 | 17.5 | 21.9 |
| 59 | 21.3 | 18.9 | 23.3 | 21.4 | 19.0 | 23.5 | 20.1 | 17.8 | 22.1 | 19.1 | 16.9 | 21.1 |
| 60 | 20.5 | 18.2 | 22.5 | 20.7 | 18.3 | 22.7 | 19.4 | 17.2 | 21.3 | 18.5 | 16.2 | 20.4 |
| 61 | 19.8 | 17.5 | 21.7 | 19.9 | 17.6 | 21.9 | 18.7 | 16.6 | 20.6 | 17.8 | 15.6 | 19.7 |
| 62 | 19.1 | 16.8 | 21.0 | 19.2 | 16.9 | 21.1 | 18.1 | 16.0 | 19.9 | 17.2 | 15.1 | 19.0 |
| 63 | 18.3 | 16.1 | 20.2 | 18.4 | 16.2 | 20.3 | 17.5 | 15.4 | 19.2 | 16.6 | 14.5 | 18.4 |
| 64 | 17.6 | 15.5 | 19.4 | 17.7 | 15.6 | 19.5 | 16.8 | 14.8 | 18.5 | 16.0 | 14.0 | 17.7 |
| 65 | 16.9 | 14.8 | 18.7 | 17.0 | 14.9 | 18.8 | 16.2 | 14.3 | 17.8 | 15.4 | 13.5 | 17.1 |
| 66 | 16.3 | 14.2 | 17.9 | 16.3 | 14.3 | 18.0 | 15.6 | 13.7 | 17.2 | 14.9 | 12.9 | 16.4 |
| 67 | 15.6 | 13.6 | 17.2 | 15.6 | 13.6 | 17.3 | 15.0 | 13.2 | 16.5 | 14.3 | 12.4 | 15.8 |
| 68 | 14.9 | 13.0 | 16.5 | 15.0 | 13.0 | 16.5 | 14.4 | 12.6 | 15.8 | 13.7 | 11.9 | 15.2 |
| 69 | 14.3 | 12.4 | 15.8 | 14.3 | 12.4 | 15.8 | 13.8 | 12.1 | 15.2 | 13.2 | 11.4 | 14.5 |
| 70 | 13.6 | 11.8 | 15.1 | 13.7 | 11.8 | 15.1 | 13.3 | 11.6 | 14.6 | 12.6 | 10.9 | 13.9 |
| 71 | 13.0 | 11.2 | 14.4 | 13.1 | 11.2 | 14.4 | 12.7 | 11.1 | 13.9 | 12.1 | 10.5 | 13.3 |
| 72 | 12.4 | 10.7 | 13.7 | 12.5 | 10.7 | 13.7 | 12.2 | 10.6 | 13.3 | 11.6 | 10.0 | 12.8 |
| 73 | 11.9 | 10.2 | 13.0 | 11.9 | 10.2 | 13.1 | 11.7 | 10.2 | 12.8 | 11.1 | 9.6 | 12.2 |
| 74 | 11.3 | 9.7 | 12.4 | 11.3 | 9.6 | 12.4 | 11.2 | 9.7 | 12.2 | 10.6 | 9.2 | 11.7 |
| 75 | 10.7 | 9.2 | 11.8 | 10.7 | 9.1 | 11.8 | 10.7 | 9.3 | 11.6 | 10.1 | 8.7 | 11.1 |
| 76 | 10.2 | 8.7 | 11.2 | 10.2 | 8.7 | 11.2 | 10.2 | 8.8 | 11.1 | 9.7 | 8.3 | 10.6 |
| 77 | 9.7 | 8.2 | 10.6 | 9.6 | 8.2 | 10.6 | 9.7 | 8.4 | 10.5 | 9.2 | 7.9 | 10.0 |
| 78 | 9.1 | 7.8 | 10.0 | 9.1 | 7.8 | 10.0 | 9.2 | 8.0 | 10.0 | 8.8 | 7.5 | 9.5 |
| 79 | 8.6 | 7.4 | 9.4 | 8.6 | 7.3 | 9.4 | 8.7 | 7.6 | 9.4 | 8.3 | 7.2 | 9.0 |
| 80 | 8.2 | 6.9 | 8.8 | 8.1 | 6.9 | 8.8 | 8.3 | 7.2 | 8.9 | 7.9 | 6.8 | 8.6 |
| 81 | 7.7 | 6.6 | 8.3 | 7.7 | 6.5 | 8.3 | 7.8 | 6.9 | 8.4 | 7.5 | 6.5 | 8.1 |
| 82 | 7.2 | 6.2 | 7.8 | 7.2 | 6.1 | 7.8 | 7.5 | 6.5 | 8.0 | 7.2 | 6.2 | 7.7 |
| 83 | 6.8 | 5.8 | 7.3 | 6.8 | 5.8 | 7.3 | 7.1 | 6.2 | 7.6 | 6.8 | 5.9 | 7.3 |
| 84 | 6.4 | 5.5 | 6.9 | 6.4 | 5.5 | 6.8 | 6.8 | 6.0 | 7.2 | 6.6 | 5.7 | 7.0 |
| 85 | 6.1 | 5.2 | 6.4 | 6.0 | 5.2 | 6.4 | 6.6 | 5.8 | 6.9 | 6.4 | 5.6 | 6.8 |

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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 1987

[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 (<i>l_x</i>) | | | | | | | | | |
|--------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 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 | 98,989 | 98,740 | 97,998 | 97,407 | 97,024 | 95,290 | 94,028 | 92,515 | 88,538 | 87,552 |
| 5 | 98,788 | 98,495 | 97,668 | 96,998 | 96,482 | 94,220 | 91,978 | 89,389 | 83,887 | 81,804 |
| 10 | 98,667 | 98,347 | 97,460 | 96,765 | 96,177 | 93,710 | 91,106 | 88,129 | 82,458 | 80,052 |
| 15 | 98,536 | 98,196 | 97,261 | 96,551 | 95,885 | 93,235 | 90,385 | 87,144 | 81,506 | 78,963 |
| 20 | 98,122 | 97,741 | 96,716 | 96,111 | 95,366 | 92,435 | 89,089 | 85,441 | 80,074 | 77,239 |
| 25 | 97,567 | 97,110 | 96,000 | 95,517 | 94,676 | 91,335 | 87,269 | 83,146 | 78,046 | 74,768 |
| 30 | 96,980 | 96,477 | 95,307 | 94,905 | 93,919 | 90,078 | 85,302 | 80,642 | 75,779 | 72,043 |
| 35 | 96,273 | 95,808 | 94,482 | 94,144 | 92,976 | 88,573 | 83,118 | 77,961 | 73,127 | 69,078 |
| 40 | 95,373 | 94,926 | 93,322 | 93,064 | 91,648 | 86,650 | 80,557 | 75,114 | 70,042 | 65,890 |
| 45 | 94,195 | 93,599 | 91,587 | 91,378 | 89,634 | 84,069 | 77,343 | 72,036 | 66,561 | 62,436 |
| 50 | 92,397 | 91,526 | 88,972 | 88,756 | 86,591 | 80,487 | 73,321 | 68,429 | 62,460 | 58,514 |
| 55 | 89,556 | 88,348 | 85,110 | 84,711 | 82,176 | 75,557 | 68,182 | 63,947 | 57,555 | 53,852 |
| 60 | 85,316 | 83,726 | 79,529 | 79,067 | 76,924 | 70,271 | 61,563 | 58,079 | 51,138 | 47,946 |
| 65 | 79,040 | 77,107 | 71,933 | 71,147 | 67,555 | 60,366 | 53,195 | 50,560 | 43,194 | 40,911 |
| 70 | 70,672 | 68,248 | 61,984 | 60,857 | 56,987 | 49,655 | 42,768 | 41,090 | 33,816 | 32,390 |
| 75 | 59,469 | 56,799 | 49,705 | 48,170 | 43,903 | 36,735 | 30,789 | 29,279 | 23,552 | 22,960 |
| 80 | 45,839 | 43,180 | 35,285 | 33,576 | 29,313 | 22,883 | 18,580 | 18,298 | 13,712 | 13,259 |
| 85 | 30,220 | 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 | 98,880 | 98,607 | 97,755 | 97,087 | 96,661 | 94,762 | 93,440 | 91,745 | 87,505 | 86,426 |
| 5 | 98,656 | 98,333 | 97,395 | 96,643 | 96,077 | 93,624 | 91,294 | 88,505 | 82,718 | 80,548 |
| 10 | 98,511 | 98,160 | 97,151 | 96,375 | 95,726 | 93,054 | 90,346 | 87,184 | 81,249 | 78,775 |
| 15 | 98,342 | 97,972 | 96,904 | 96,107 | 95,366 | 92,508 | 89,561 | 86,156 | 80,261 | 77,681 |
| 20 | 97,758 | 97,316 | 96,126 | 95,491 | 94,695 | 91,617 | 88,220 | 84,440 | 78,792 | 75,984 |
| 25 | 96,924 | 96,361 | 95,040 | 94,631 | 93,791 | 90,385 | 86,359 | 82,252 | 76,675 | 73,472 |
| 30 | 96,073 | 95,430 | 94,072 | 93,826 | 92,861 | 89,009 | 84,346 | 79,890 | 74,378 | 70,747 |
| 35 | 95,071 | 94,501 | 92,997 | 92,889 | 91,760 | 87,371 | 82,075 | 77,514 | 71,614 | 67,752 |
| 40 | 93,837 | 93,345 | 91,541 | 91,572 | 90,207 | 85,246 | 79,357 | 74,432 | 68,297 | 64,447 |
| 45 | 92,289 | 91,649 | 89,369 | 89,492 | 87,819 | 82,336 | 75,882 | 71,244 | 64,518 | 60,849 |
| 50 | 90,011 | 89,007 | 86,070 | 86,199 | 84,158 | 78,254 | 71,518 | 67,553 | 60,118 | 56,736 |
| 55 | 86,446 | 84,936 | 81,139 | 81,039 | 78,781 | 72,627 | 65,981 | 62,965 | 54,970 | 51,939 |
| 60 | 81,126 | 79,012 | 73,958 | 73,887 | 71,246 | 65,142 | 58,909 | 56,917 | 48,343 | 45,895 |
| 65 | 73,366 | 70,646 | 64,318 | 64,177 | 61,566 | 55,776 | 50,154 | 49,218 | 40,264 | 38,736 |
| 70 | 63,346 | 59,681 | 52,296 | 52,244 | 49,950 | 44,588 | 39,516 | 39,668 | 31,023 | 30,217 |
| 75 | 50,295 | 46,272 | 38,797 | 38,950 | 36,756 | 31,864 | 27,718 | 28,316 | 21,213 | 20,747 |
| 80 | 35,465 | 31,810 | 24,921 | 25,300 | 25,237 | 18,995 | 16,172 | 17,128 | 11,942 | 12,084 |
| 85 | 20,513 | 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 | 99,104 | 98,880 | 98,254 | 97,744 | 97,406 | 95,848 | 94,728 | 93,383 | 89,623 | 88,733 |
| 5 | 98,927 | 98,666 | 97,955 | 97,371 | 96,908 | 94,848 | 92,789 | 90,380 | 85,117 | 83,119 |
| 10 | 98,831 | 98,544 | 97,784 | 97,173 | 96,652 | 94,402 | 92,008 | 89,186 | 83,728 | 81,390 |
| 15 | 98,740 | 98,432 | 97,636 | 97,016 | 96,431 | 94,000 | 91,364 | 88,247 | 82,813 | 80,307 |
| 20 | 98,503 | 98,184 | 97,331 | 96,756 | 96,066 | 93,293 | 90,116 | 86,556 | 81,418 | 78,555 |
| 25 | 98,232 | 97,883 | 96,966 | 96,418 | 95,583 | 92,322 | 88,328 | 84,135 | 79,481 | 76,119 |
| 30 | 97,915 | 97,551 | 96,544 | 95,996 | 94,933 | 91,182 | 86,398 | 81,463 | 77,247 | 73,394 |
| 35 | 97,506 | 97,140 | 95,966 | 95,409 | 94,206 | 89,810 | 84,304 | 78,713 | 74,719 | 70,463 |
| 40 | 96,944 | 96,531 | 95,097 | 94,560 | 93,101 | 88,092 | 81,927 | 75,907 | 71,894 | 67,407 |
| 45 | 96,134 | 95,570 | 93,793 | 93,265 | 91,469 | 85,856 | 79,041 | 72,954 | 68,755 | 64,121 |
| 50 | 94,815 | 94,060 | 91,852 | 91,327 | 89,075 | 82,828 | 75,456 | 69,452 | 65,001 | 60,415 |
| 55 | 92,693 | 91,760 | 89,066 | 88,451 | 85,694 | 78,708 | 70,832 | 65,099 | 60,392 | 55,908 |
| 60 | 89,519 | 88,414 | 85,139 | 84,430 | 80,890 | 73,093 | 64,795 | 59,438 | 54,226 | 50,155 |
| 65 | 84,688 | 83,520 | 79,698 | 78,462 | 74,119 | 65,523 | 56,924 | 52,126 | 46,438 | 43,246 |
| 70 | 77,951 | 76,720 | 71,955 | 70,100 | 64,873 | 55,449 | 46,774 | 42,741 | 36,916 | 34,721 |
| 75 | 68,493 | 67,186 | 61,107 | 58,394 | 52,111 | 42,425 | 34,600 | 31,344 | 26,155 | 24,994 |
| 80 | 55,889 | 54,372 | 46,445 | 43,063 | 36,486 | 27,524 | 21,578 | 19,613 | 15,682 | 15,129 |
| 85 | 39,473 | 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 | 99,136 | 98,898 | 98,224 | 97,714 | 97,278 | 95,685 | --- | --- | --- | --- |
| 5 | 98,954 | 98,675 | 97,930 | 97,353 | 96,790 | 94,713 | --- | --- | --- | --- |
| 10 | 98,841 | 98,536 | 97,733 | 97,131 | 96,502 | 94,228 | --- | --- | --- | --- |
| 15 | 98,717 | 98,391 | 97,546 | 96,928 | 96,228 | 93,792 | --- | --- | --- | --- |
| 20 | 98,309 | 97,939 | 97,036 | 96,508 | 95,763 | 93,117 | --- | --- | --- | --- |
| 25 | 97,801 | 97,340 | 96,406 | 95,965 | 95,169 | 92,213 | --- | --- | --- | --- |
| 30 | 97,280 | 96,774 | 95,824 | 95,440 | 94,536 | 91,185 | --- | --- | --- | --- |
| 35 | 96,674 | 96,192 | 95,152 | 94,798 | 93,750 | 89,941 | --- | --- | --- | --- |
| 40 | 95,910 | 95,427 | 94,190 | 93,870 | 92,616 | 88,318 | --- | --- | --- | --- |
| 45 | 94,877 | 94,257 | 92,681 | 92,374 | 90,847 | 86,069 | --- | --- | --- | --- |
| 50 | 93,255 | 92,384 | 90,306 | 89,958 | 88,110 | 82,833 | --- | --- | --- | --- |
| 55 | 90,629 | 89,427 | 86,688 | 86,173 | 84,027 | 78,218 | --- | --- | --- | --- |
| 60 | 86,574 | 85,031 | 81,323 | 80,811 | 78,066 | 71,785 | --- | --- | --- | --- |
| 65 | 80,477 | 78,585 | 73,889 | 73,102 | 69,850 | 63,201 | --- | --- | --- | --- |
| 70 | 72,200 | 69,801 | 63,991 | 62,834 | 59,189 | 52,165 | --- | --- | --- | --- |
| 75 | 60,943 | 58,299 | 51,586 | 49,895 | 45,688 | 38,610 | --- | --- | --- | --- |
| 80 | 47,063 | 44,409 | 36,659 | 34,697 | 20,438 | 23,976 | --- | --- | --- | --- |
| 85 | 31,127 | 28,768 | 21,578 | 19,107 | 16,239 | 11,483 | --- | --- | --- | --- |

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SECTION 6 - LIFE TABLES - PAGE 13

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1987—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. 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) | | | | | | | | | |
|--------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 1979-81 | 1969-71 | 1959-61 | 1949-51 | 1939-41 | 1929-31 | 1919-21 | 1909-11 | 1900-1902 |
| ALL RACES | | | | | | | | | | |
| 0 | 75.0 | 73.88 | 70.75 | 69.89 | 68.07 | 63.62 | 59.20 | 56.40 | 51.49 | 49.24 |
| 1 | 74.7 | 73.82 | 71.19 | 70.75 | 69.16 | 65.76 | 61.94 | 59.94 | 57.11 | 55.20 |
| 5 | 70.9 | 70.00 | 67.43 | 67.04 | 65.54 | 62.49 | 59.29 | 57.99 | 56.21 | 54.98 |
| 10 | 66.0 | 65.10 | 62.57 | 62.19 | 60.74 | 57.82 | 54.84 | 53.79 | 52.15 | 51.14 |
| 15 | 61.0 | 60.19 | 57.69 | 57.33 | 55.91 | 53.10 | 50.25 | 49.37 | 47.73 | 46.81 |
| 20 | 56.3 | 55.46 | 53.00 | 52.58 | 51.20 | 48.54 | 45.94 | 45.30 | 43.53 | 42.79 |
| 25 | 51.6 | 50.81 | 48.37 | 47.89 | 46.56 | 44.09 | 41.85 | 41.47 | 39.60 | 39.12 |
| 30 | 46.9 | 46.12 | 43.71 | 43.18 | 41.91 | 39.67 | 37.75 | 37.68 | 35.70 | 35.51 |
| 35 | 42.2 | 41.43 | 39.07 | 38.51 | 37.31 | 35.30 | 33.68 | 33.89 | 31.90 | 31.92 |
| 40 | 37.6 | 36.79 | 34.52 | 33.92 | 32.81 | 31.03 | 29.67 | 30.08 | 28.20 | 28.34 |
| 45 | 33.0 | 32.27 | 30.12 | 29.50 | 28.49 | 26.90 | 25.79 | 26.25 | 24.54 | 24.77 |
| 50 | 28.6 | 27.94 | 25.93 | 25.29 | 24.40 | 22.98 | 22.06 | 22.50 | 20.98 | 21.26 |
| 55 | 24.4 | 23.85 | 21.99 | 21.37 | 20.57 | 19.31 | 18.53 | 18.90 | 17.55 | 17.88 |
| 60 | 20.5 | 20.02 | 18.34 | 17.71 | 17.04 | 15.91 | 15.24 | 15.54 | 14.42 | 14.76 |
| 65 | 16.9 | 16.51 | 15.00 | 14.39 | 13.83 | 12.80 | 12.23 | 12.47 | 11.60 | 11.86 |
| 70 | 13.6 | 13.32 | 12.00 | 11.38 | 10.92 | 10.00 | 9.58 | 9.74 | 9.11 | 9.30 |
| 75 | 10.7 | 10.48 | 9.32 | 8.71 | 8.40 | 7.62 | 7.32 | 7.49 | 6.99 | 7.08 |
| 80 | 8.2 | 7.98 | 7.10 | 6.39 | 6.34 | 5.73 | 5.50 | 5.63 | 5.25 | 5.30 |
| 85 | 6.1 | 5.96 | 5.28 | 4.58 | 4.69 | 4.31 | 4.19 | 4.21 | 4.00 | 3.96 |
| MALE | | | | | | | | | | |
| 0 | 71.5 | 70.11 | 67.04 | 66.80 | 65.47 | 61.60 | 57.71 | 55.50 | 49.86 | 47.88 |
| 1 | 71.3 | 70.10 | 67.58 | 67.80 | 66.73 | 64.00 | 60.75 | 59.47 | 55.95 | 54.35 |
| 5 | 67.4 | 66.29 | 63.82 | 64.10 | 63.12 | 60.76 | 58.14 | 57.60 | 55.11 | 54.22 |
| 10 | 62.5 | 61.41 | 58.98 | 59.27 | 58.35 | 56.12 | 53.75 | 53.44 | 51.07 | 50.39 |
| 15 | 57.6 | 56.52 | 54.12 | 54.43 | 53.56 | 51.43 | 49.18 | 49.05 | 46.66 | 46.06 |
| 20 | 53.0 | 51.88 | 49.54 | 49.77 | 48.92 | 46.91 | 44.88 | 44.99 | 42.48 | 42.03 |
| 25 | 48.4 | 47.37 | 45.07 | 45.19 | 44.36 | 42.51 | 40.79 | 41.11 | 38.59 | 38.38 |
| 30 | 43.8 | 42.81 | 40.51 | 40.56 | 39.78 | 38.13 | 37.26 | 37.61 | 34.70 | 34.76 |
| 35 | 39.2 | 38.20 | 35.95 | 35.94 | 35.23 | 33.79 | 32.65 | 33.43 | 30.94 | 31.19 |
| 40 | 34.7 | 33.64 | 31.48 | 31.42 | 30.79 | 29.57 | 28.68 | 29.63 | 27.32 | 27.65 |
| 45 | 30.3 | 29.22 | 27.18 | 27.09 | 26.55 | 25.52 | 24.87 | 25.84 | 23.77 | 24.14 |
| 50 | 26.0 | 25.00 | 23.12 | 23.02 | 22.59 | 21.72 | 21.25 | 22.11 | 20.32 | 20.70 |
| 55 | 21.9 | 21.08 | 19.36 | 19.32 | 18.96 | 18.20 | 17.79 | 18.53 | 16.98 | 17.38 |
| 60 | 18.2 | 17.46 | 15.99 | 15.94 | 15.68 | 14.99 | 14.62 | 15.22 | 13.95 | 14.33 |
| 65 | 14.8 | 14.21 | 12.99 | 12.95 | 12.74 | 12.07 | 11.72 | 12.20 | 11.24 | 11.50 |
| 70 | 11.8 | 11.35 | 10.39 | 10.33 | 10.11 | 9.46 | 9.18 | 9.52 | 8.83 | 9.02 |
| 75 | 9.2 | 8.90 | 8.13 | 7.99 | 7.83 | 7.22 | 7.02 | 7.31 | 6.75 | 6.84 |
| 80 | 6.9 | 6.80 | 6.27 | 5.95 | 5.94 | 5.44 | 5.27 | 5.49 | 5.10 | 5.11 |
| 85 | 5.2 | 5.13 | 4.73 | 4.39 | 4.41 | 4.11 | 4.02 | 4.10 | 3.90 | 3.82 |
| FEMALE | | | | | | | | | | |
| 0 | 78.4 | 77.62 | 74.64 | 73.24 | 70.96 | 65.89 | 60.90 | 57.40 | 53.24 | 50.70 |
| 1 | 78.1 | 77.50 | 74.97 | 73.93 | 71.84 | 67.73 | 63.37 | 60.45 | 58.37 | 56.10 |
| 5 | 74.2 | 73.67 | 71.19 | 70.21 | 68.21 | 64.43 | 60.66 | 58.41 | 57.39 | 55.80 |
| 10 | 69.3 | 68.75 | 66.31 | 65.35 | 63.38 | 59.73 | 56.16 | 54.16 | 53.31 | 51.94 |
| 15 | 64.3 | 63.83 | 61.41 | 60.45 | 58.52 | 54.97 | 51.54 | 49.71 | 48.87 | 47.60 |
| 20 | 59.5 | 58.98 | 56.59 | 55.60 | 53.73 | 50.37 | 47.21 | 45.63 | 44.66 | 43.60 |
| 25 | 54.6 | 54.16 | 51.80 | 50.79 | 48.99 | 45.87 | 43.11 | 41.86 | 40.99 | 39.92 |
| 30 | 49.8 | 49.33 | 47.01 | 46.00 | 44.28 | 41.41 | 39.02 | 38.15 | 36.79 | 36.30 |
| 35 | 45.0 | 44.53 | 42.28 | 41.27 | 39.63 | 37.01 | 34.92 | 34.40 | 32.95 | 32.71 |
| 40 | 40.3 | 39.80 | 37.64 | 36.61 | 35.06 | 32.68 | 30.86 | 30.58 | 29.15 | 29.08 |
| 45 | 35.6 | 35.17 | 33.13 | 32.09 | 30.64 | 28.46 | 26.89 | 26.71 | 25.36 | 25.44 |
| 50 | 31.0 | 30.69 | 28.77 | 27.71 | 26.40 | 24.40 | 23.05 | 22.92 | 21.67 | 21.84 |
| 55 | 26.7 | 26.39 | 24.59 | 23.53 | 22.33 | 20.54 | 19.38 | 19.28 | 18.13 | 18.39 |
| 60 | 22.5 | 22.29 | 20.60 | 19.52 | 18.50 | 16.92 | 15.94 | 15.87 | 14.90 | 15.21 |
| 65 | 18.7 | 18.44 | 16.83 | 15.80 | 14.95 | 13.57 | 12.78 | 12.73 | 11.96 | 12.22 |
| 70 | 15.1 | 14.84 | 13.35 | 12.37 | 11.71 | 10.56 | 9.99 | 9.96 | 9.38 | 9.59 |
| 75 | 11.8 | 11.58 | 10.26 | 9.33 | 8.94 | 8.01 | 7.61 | 7.65 | 7.20 | 7.34 |
| 80 | 8.8 | 8.69 | 7.68 | 6.72 | 6.67 | 5.99 | 5.70 | 5.75 | 5.37 | 5.51 |
| 85 | 6.4 | 6.38 | 5.63 | 4.71 | 4.90 | 4.47 | 4.32 | 4.30 | 4.08 | 4.12 |
| WHITE | | | | | | | | | | |
| 0 | 75.6 | 74.53 | 71.62 | 70.73 | 69.02 | 64.92 | --- | --- | --- | --- |
| 1 | 75.3 | 74.35 | 71.91 | 71.38 | 69.95 | 66.84 | --- | --- | --- | --- |
| 5 | 71.4 | 70.52 | 68.12 | 67.64 | 66.29 | 63.52 | --- | --- | --- | --- |
| 10 | 66.5 | 65.62 | 63.26 | 62.79 | 61.48 | 58.83 | --- | --- | --- | --- |
| 15 | 61.6 | 60.71 | 58.37 | 57.92 | 56.65 | 54.09 | --- | --- | --- | --- |
| 20 | 56.8 | 55.98 | 53.66 | 53.16 | 51.91 | 49.47 | --- | --- | --- | --- |
| 25 | 52.1 | 51.30 | 49.00 | 48.44 | 47.22 | 44.92 | --- | --- | --- | --- |
| 30 | 47.4 | 46.59 | 44.28 | 43.69 | 42.52 | 40.40 | --- | --- | --- | --- |
| 35 | 42.6 | 41.86 | 39.58 | 38.97 | 37.86 | 35.93 | --- | --- | --- | --- |
| 40 | 38.0 | 37.17 | 34.95 | 34.33 | 33.29 | 31.54 | --- | --- | --- | --- |
| 45 | 33.3 | 32.60 | 30.48 | 29.84 | 28.88 | 27.29 | --- | --- | --- | --- |
| 50 | 28.9 | 28.21 | 26.21 | 25.57 | 24.70 | 23.26 | --- | --- | --- | --- |
| 55 | 24.6 | 24.05 | 22.19 | 21.58 | 20.77 | 19.47 | --- | --- | --- | --- |
| 60 | 20.7 | 20.16 | 18.48 | 17.84 | 17.15 | 15.98 | --- | --- | --- | --- |
| 65 | 17.0 | 16.59 | 15.08 | 14.44 | 13.86 | 12.80 | --- | --- | --- | --- |
| 70 | 13.7 | 13.35 | 12.01 | 11.37 | 10.89 | 9.96 | --- | --- | --- | --- |
| 75 | 10.7 | 10.47 | 9.27 | 8.65 | 8.34 | 7.55 | --- | --- | --- | --- |
| 80 | 8.1 | 7.95 | 7.01 | 6.33 | 6.27 | 5.64 | --- | --- | --- | --- |
| 85 | 6.0 | 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 1987—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. 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 (<i>l_x</i>) | | | | | | | | | |
|------------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 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 | 99,037 | 98,769 | 97,994 | 97,408 | 96,931 | 95,188 | 93,768 | 91,975 | 87,674 | 86,655 |
| 5 | 98,834 | 98,519 | 97,671 | 97,015 | 96,403 | 94,150 | 91,738 | 88,842 | 82,972 | 80,864 |
| 10 | 98,698 | 98,357 | 97,441 | 96,758 | 96,069 | 93,601 | 90,810 | 87,530 | 81,519 | 79,109 |
| 15 | 98,539 | 98,176 | 97,208 | 96,503 | 95,728 | 93,089 | 90,074 | 86,546 | 80,549 | 78,037 |
| 20 | 97,970 | 97,525 | 96,480 | 95,908 | 95,104 | 92,293 | 88,904 | 84,997 | 79,116 | 76,376 |
| 25 | 97,204 | 96,616 | 95,524 | 95,106 | 94,294 | 91,241 | 87,371 | 83,061 | 77,047 | 73,907 |
| 30 | 96,448 | 95,783 | 94,716 | 94,401 | 93,489 | 90,092 | 85,797 | 80,888 | 74,810 | 71,219 |
| 35 | 95,584 | 94,980 | 93,843 | 93,589 | 92,543 | 88,713 | 83,812 | 78,441 | 72,108 | 68,245 |
| 40 | 94,539 | 93,984 | 92,631 | 92,427 | 91,173 | 86,880 | 81,457 | 75,733 | 68,848 | 64,954 |
| 45 | 93,187 | 92,494 | 90,725 | 90,533 | 89,002 | 84,285 | 78,345 | 72,696 | 65,115 | 61,369 |
| 50 | 91,136 | 90,105 | 87,690 | 87,424 | 85,601 | 80,521 | 74,288 | 69,107 | 60,741 | 57,274 |
| 55 | 87,834 | 86,303 | 83,001 | 82,463 | 80,496 | 75,156 | 68,981 | 64,574 | 55,622 | 52,491 |
| 60 | 82,710 | 80,625 | 75,969 | 75,485 | 73,172 | 67,787 | 61,933 | 58,498 | 48,987 | 46,452 |
| 65 | 75,095 | 72,393 | 66,343 | 65,834 | 63,541 | 58,305 | 52,964 | 50,663 | 40,862 | 39,245 |
| 70 | 65,101 | 61,384 | 54,138 | 53,825 | 51,735 | 46,739 | 41,880 | 40,873 | 31,527 | 30,640 |
| 75 | 51,843 | 47,712 | 40,324 | 40,207 | 38,104 | 33,404 | 29,471 | 29,205 | 21,585 | 21,387 |
| 80 | 36,587 | 32,788 | 25,885 | 25,993 | 24,005 | 19,860 | 17,221 | 17,655 | 12,160 | 12,266 |
| 85 | 21,208 | 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 | 99,241 | 99,035 | 98,468 | 98,036 | 97,645 | 96,211 | 95,037 | 93,608 | 89,774 | 88,939 |
| 5 | 99,082 | 98,841 | 97,709 | 97,252 | 96,860 | 95,309 | 93,216 | 90,721 | 85,349 | 83,426 |
| 10 | 98,993 | 98,725 | 98,042 | 97,525 | 96,960 | 94,890 | 92,466 | 89,564 | 83,979 | 81,723 |
| 15 | 98,906 | 98,618 | 97,902 | 97,375 | 96,756 | 94,534 | 91,894 | 88,712 | 83,093 | 80,680 |
| 20 | 98,666 | 98,374 | 97,618 | 97,135 | 96,454 | 93,984 | 90,939 | 87,281 | 81,750 | 78,976 |
| 25 | 98,422 | 98,093 | 97,299 | 96,844 | 96,072 | 93,228 | 89,524 | 85,163 | 79,865 | 76,588 |
| 30 | 98,145 | 97,802 | 96,945 | 96,499 | 95,605 | 92,320 | 87,972 | 82,740 | 77,676 | 73,887 |
| 35 | 97,807 | 97,445 | 96,474 | 96,026 | 94,977 | 91,211 | 86,248 | 80,206 | 75,200 | 70,971 |
| 40 | 97,331 | 96,913 | 95,762 | 95,326 | 94,080 | 89,805 | 84,256 | 77,624 | 72,425 | 67,935 |
| 45 | 96,622 | 96,065 | 94,649 | 94,228 | 92,725 | 87,920 | 81,780 | 74,871 | 69,341 | 64,677 |
| 50 | 95,433 | 94,710 | 92,924 | 92,522 | 90,685 | 85,267 | 78,572 | 71,547 | 65,629 | 61,005 |
| 55 | 93,489 | 92,594 | 90,383 | 89,967 | 87,699 | 81,520 | 74,321 | 67,323 | 61,053 | 56,509 |
| 60 | 90,494 | 89,451 | 86,726 | 86,339 | 83,279 | 76,200 | 68,462 | 61,704 | 54,900 | 50,752 |
| 65 | 85,871 | 84,764 | 81,579 | 80,739 | 76,773 | 68,701 | 60,499 | 54,299 | 47,086 | 43,806 |
| 70 | 79,281 | 78,139 | 74,101 | 72,507 | 67,545 | 58,363 | 49,932 | 44,638 | 37,482 | 35,206 |
| 75 | 69,894 | 68,712 | 63,290 | 60,461 | 54,397 | 44,685 | 37,024 | 32,777 | 26,569 | 25,362 |
| 80 | 57,167 | 55,770 | 48,182 | 44,676 | 38,026 | 28,882 | 23,053 | 20,492 | 15,929 | 15,349 |
| 85 | 40,514 | 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 | 98,448 | 98,097 | 96,909 | 95,732 | 95,407 | --- | --- | --- | --- | --- |
| 5 | 98,171 | 97,756 | 96,400 | 95,051 | 94,482 | --- | --- | --- | --- | --- |
| 10 | 98,018 | 97,568 | 96,126 | 94,745 | 94,060 | --- | --- | --- | --- | --- |
| 15 | 97,859 | 97,387 | 95,864 | 94,460 | 93,646 | --- | --- | --- | --- | --- |
| 20 | 97,417 | 96,913 | 95,101 | 93,880 | 92,738 | --- | --- | --- | --- | --- |
| 25 | 96,641 | 96,107 | 93,792 | 92,925 | 91,321 | --- | --- | --- | --- | --- |
| 30 | 95,717 | 95,088 | 92,309 | 91,699 | 89,584 | --- | --- | --- | --- | --- |
| 35 | 94,466 | 93,870 | 90,470 | 90,046 | 87,402 | --- | --- | --- | --- | --- |
| 40 | 92,811 | 92,245 | 87,964 | 87,766 | 84,478 | --- | --- | --- | --- | --- |
| 45 | 90,699 | 89,928 | 84,575 | 84,501 | 80,507 | --- | --- | --- | --- | --- |
| 50 | 87,861 | 86,525 | 80,046 | 80,172 | 74,976 | --- | --- | --- | --- | --- |
| 55 | 83,725 | 81,732 | 74,150 | 73,893 | 67,660 | --- | --- | --- | --- | --- |
| 60 | 78,247 | 75,300 | 66,775 | 65,795 | 58,593 | --- | --- | --- | --- | --- |
| 65 | 70,623 | 67,179 | 57,797 | 56,038 | 48,649 | --- | --- | --- | --- | --- |
| 70 | 61,397 | 57,635 | 47,542 | 45,434 | 38,616 | --- | --- | --- | --- | --- |
| 75 | 50,261 | 46,362 | 35,987 | 34,531 | 28,968 | --- | --- | --- | --- | --- |
| 80 | 38,062 | 34,558 | 25,215 | 24,815 | 20,003 | --- | --- | --- | --- | --- |
| 85 | 24,236 | 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 | 98,297 | 97,939 | 96,592 | 95,301 | 94,911 | 91,696 | --- | --- | --- | --- |
| 5 | 97,991 | 97,559 | 96,038 | 94,570 | 93,921 | 89,920 | --- | --- | --- | --- |
| 10 | 97,811 | 97,337 | 95,716 | 94,234 | 93,453 | 89,211 | --- | --- | --- | --- |
| 15 | 97,602 | 97,113 | 95,385 | 93,874 | 92,965 | 88,417 | --- | --- | --- | --- |
| 20 | 96,950 | 96,431 | 94,293 | 93,108 | 91,941 | 86,770 | --- | --- | --- | --- |
| 25 | 95,780 | 95,200 | 92,267 | 91,825 | 90,285 | 84,055 | --- | --- | --- | --- |
| 30 | 94,416 | 93,666 | 90,106 | 90,270 | 88,327 | 80,865 | --- | --- | --- | --- |
| 35 | 92,632 | 91,891 | 87,597 | 88,331 | 84,940 | 77,185 | --- | --- | --- | --- |
| 40 | 90,260 | 89,645 | 84,378 | 85,744 | 82,832 | 72,830 | --- | --- | --- | --- |
| 45 | 87,376 | 86,578 | 80,163 | 82,075 | 78,686 | 67,514 | --- | --- | --- | --- |
| 50 | 83,672 | 82,153 | 74,748 | 77,239 | 72,891 | 60,766 | --- | --- | --- | --- |
| 55 | 78,457 | 76,019 | 67,808 | 70,351 | 65,122 | 52,867 | --- | --- | --- | --- |
| 60 | 71,774 | 68,093 | 59,396 | 61,669 | 55,535 | 44,370 | --- | --- | --- | --- |
| 65 | 62,868 | 58,517 | 49,607 | 51,392 | 45,198 | 35,912 | --- | --- | --- | --- |
| 70 | 52,433 | 47,796 | 39,025 | 39,914 | 35,018 | 27,688 | --- | --- | --- | --- |
| 75 | 40,510 | 36,191 | 27,789 | 29,064 | 25,472 | 19,765 | --- | --- | --- | --- |
| 80 | 28,316 | 24,969 | 17,999 | 19,994 | 16,904 | 12,352 | --- | --- | --- | --- |
| 85 | 16,109 | 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 1987—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. 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) | | | | | | | | | |
|------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 1979-81 | 1969-71 | 1959-61 | 1949-51 | 1939-41 | 1929-31 | 1919-21 | 1909-11 | 1900-1902 |
| WHITE, MALE | | | | | | | | | | |
| 0 | 72.2 | 70.82 | 67.94 | 67.55 | 66.31 | 62.81 | 59.12 | 56.34 | 50.23 | 48.23 |
| 1 | 71.9 | 70.70 | 68.33 | 68.34 | 67.41 | 64.98 | 62.04 | 60.24 | 56.26 | 54.61 |
| 5 | 68.1 | 66.87 | 64.55 | 64.61 | 63.77 | 61.68 | 59.38 | 58.31 | 55.37 | 54.43 |
| 10 | 63.1 | 61.98 | 59.69 | 59.78 | 58.98 | 57.03 | 54.96 | 54.15 | 51.32 | 50.59 |
| 15 | 58.2 | 57.09 | 54.83 | 54.93 | 54.18 | 52.33 | 50.39 | 49.74 | 46.91 | 46.25 |
| 20 | 53.6 | 52.45 | 50.22 | 50.25 | 49.52 | 47.76 | 46.02 | 45.60 | 42.71 | 42.19 |
| 25 | 49.0 | 47.92 | 45.70 | 45.65 | 44.93 | 43.28 | 41.78 | 41.60 | 38.79 | 38.52 |
| 30 | 44.3 | 43.31 | 41.07 | 40.97 | 40.29 | 38.80 | 37.54 | 37.65 | 34.87 | 34.88 |
| 35 | 39.7 | 38.66 | 36.43 | 36.31 | 35.68 | 34.36 | 33.33 | 33.74 | 31.08 | 31.29 |
| 40 | 35.1 | 34.04 | 31.87 | 31.73 | 31.17 | 30.03 | 29.22 | 29.86 | 27.43 | 27.74 |
| 45 | 30.6 | 29.55 | 27.48 | 27.34 | 26.87 | 25.87 | 25.28 | 26.00 | 23.86 | 24.21 |
| 50 | 26.2 | 25.26 | 23.34 | 23.22 | 22.83 | 21.96 | 21.51 | 22.22 | 20.39 | 20.76 |
| 55 | 22.1 | 21.25 | 19.51 | 19.45 | 19.11 | 18.34 | 17.97 | 18.59 | 17.03 | 17.42 |
| 60 | 18.3 | 17.56 | 16.07 | 16.01 | 15.76 | 15.05 | 14.72 | 15.25 | 13.98 | 14.35 |
| 65 | 14.9 | 14.26 | 13.02 | 12.97 | 12.75 | 12.07 | 11.77 | 12.21 | 11.25 | 11.51 |
| 70 | 11.8 | 11.35 | 10.38 | 10.29 | 10.07 | 9.42 | 9.20 | 9.51 | 8.83 | 9.03 |
| 75 | 9.1 | 8.87 | 8.06 | 7.92 | 7.77 | 7.17 | 7.02 | 7.30 | 6.84 | 6.93 |
| 80 | 6.9 | 6.76 | 6.18 | 5.99 | 5.88 | 5.38 | 5.26 | 5.47 | 5.09 | 5.10 |
| 85 | 5.2 | 5.09 | 4.63 | 4.34 | 4.35 | 4.02 | 3.99 | 4.06 | 3.88 | 3.81 |
| WHITE, FEMALE | | | | | | | | | | |
| 0 | 78.9 | 78.22 | 75.49 | 74.19 | 72.03 | 67.29 | 62.67 | 58.53 | 53.62 | 51.08 |
| 1 | 78.5 | 77.98 | 75.66 | 74.68 | 72.77 | 68.93 | 64.93 | 61.51 | 58.69 | 56.39 |
| 5 | 74.7 | 74.13 | 71.86 | 70.92 | 69.09 | 65.57 | 62.17 | 59.43 | 57.67 | 56.03 |
| 10 | 69.7 | 69.21 | 66.97 | 66.05 | 64.26 | 60.85 | 57.65 | 55.17 | 53.57 | 52.15 |
| 15 | 64.8 | 64.29 | 62.07 | 61.15 | 59.39 | 56.07 | 53.00 | 50.67 | 49.12 | 47.79 |
| 20 | 59.9 | 59.44 | 57.24 | 56.29 | 54.56 | 51.38 | 48.52 | 46.46 | 44.88 | 43.77 |
| 25 | 55.1 | 54.60 | 52.42 | 51.45 | 49.77 | 46.78 | 44.25 | 42.55 | 40.88 | 40.05 |
| 30 | 50.2 | 49.76 | 47.60 | 46.63 | 45.00 | 42.21 | 39.99 | 38.72 | 36.96 | 36.42 |
| 35 | 45.4 | 44.93 | 42.82 | 41.84 | 40.28 | 37.70 | 35.73 | 34.66 | 33.09 | 32.82 |
| 40 | 40.6 | 40.16 | 38.12 | 37.13 | 35.64 | 33.25 | 31.52 | 30.94 | 29.26 | 29.17 |
| 45 | 35.9 | 35.49 | 33.54 | 32.53 | 31.12 | 28.90 | 27.39 | 26.98 | 25.45 | 25.51 |
| 50 | 31.3 | 30.96 | 29.11 | 28.08 | 26.76 | 24.72 | 23.41 | 23.12 | 21.74 | 21.89 |
| 55 | 26.9 | 26.61 | 24.85 | 23.81 | 22.58 | 20.73 | 19.60 | 19.40 | 18.18 | 18.43 |
| 60 | 22.7 | 22.45 | 20.79 | 19.69 | 18.64 | 17.00 | 16.05 | 15.93 | 14.92 | 15.23 |
| 65 | 18.8 | 18.55 | 16.93 | 15.88 | 15.00 | 13.56 | 12.81 | 12.75 | 11.97 | 12.23 |
| 70 | 15.1 | 14.89 | 13.37 | 12.38 | 11.68 | 10.50 | 9.98 | 9.94 | 9.38 | 9.59 |
| 75 | 11.8 | 11.58 | 10.21 | 9.28 | 8.87 | 7.92 | 7.56 | 7.62 | 7.20 | 7.33 |
| 80 | 8.8 | 8.65 | 7.59 | 6.67 | 6.59 | 5.88 | 5.63 | 5.70 | 5.35 | 5.50 |
| 85 | 6.4 | 6.32 | 5.54 | 4.66 | 4.83 | 4.34 | 4.24 | 4.24 | 4.06 | 4.10 |
| ALL OTHER | | | | | | | | | | |
| 0 | 71.3 | 69.84 | 64.95 | 63.91 | 60.73 | --- | --- | --- | --- | --- |
| 1 | 71.4 | 70.19 | 66.02 | 65.75 | 62.65 | --- | --- | --- | --- | --- |
| 5 | 67.6 | 66.43 | 62.36 | 62.21 | 59.25 | --- | --- | --- | --- | --- |
| 10 | 62.7 | 61.56 | 57.53 | 57.41 | 54.50 | --- | --- | --- | --- | --- |
| 15 | 57.8 | 56.67 | 52.68 | 52.57 | 49.73 | --- | --- | --- | --- | --- |
| 20 | 53.1 | 51.93 | 48.08 | 47.88 | 45.19 | --- | --- | --- | --- | --- |
| 25 | 48.5 | 47.34 | 43.71 | 43.35 | 40.85 | --- | --- | --- | --- | --- |
| 30 | 43.9 | 42.82 | 39.37 | 38.89 | 36.59 | --- | --- | --- | --- | --- |
| 35 | 39.5 | 38.34 | 35.12 | 34.56 | 32.44 | --- | --- | --- | --- | --- |
| 40 | 35.1 | 33.97 | 31.05 | 30.39 | 28.48 | --- | --- | --- | --- | --- |
| 45 | 30.9 | 29.78 | 27.19 | 26.46 | 24.75 | --- | --- | --- | --- | --- |
| 50 | 26.8 | 25.85 | 23.58 | 22.74 | 21.38 | --- | --- | --- | --- | --- |
| 55 | 23.0 | 22.21 | 20.24 | 19.45 | 18.41 | --- | --- | --- | --- | --- |
| 60 | 19.4 | 18.88 | 17.19 | 16.53 | 15.87 | --- | --- | --- | --- | --- |
| 65 | 16.2 | 15.86 | 14.47 | 13.96 | 13.59 | --- | --- | --- | --- | --- |
| 70 | 13.3 | 13.06 | 12.04 | 11.63 | 11.48 | --- | --- | --- | --- | --- |
| 75 | 10.7 | 10.61 | 10.09 | 9.52 | 9.48 | --- | --- | --- | --- | --- |
| 80 | 8.3 | 8.38 | 8.36 | 7.28 | 7.62 | --- | --- | --- | --- | --- |
| 85 | 6.6 | 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 | 57.69 | 53.13 | --- | --- | --- | --- |
| 10 | 58.8 | 57.40 | 53.67 | 55.19 | 52.96 | 48.54 | --- | --- | --- | --- |
| 15 | 53.9 | 52.52 | 48.84 | 50.39 | 48.23 | 43.95 | --- | --- | --- | --- |
| 20 | 49.2 | 47.87 | 44.37 | 45.78 | 43.73 | 39.74 | --- | --- | --- | --- |
| 25 | 44.8 | 43.46 | 40.29 | 41.38 | 39.49 | 35.94 | --- | --- | --- | --- |
| 30 | 40.4 | 39.13 | 36.20 | 37.05 | 35.31 | 32.25 | --- | --- | --- | --- |
| 35 | 36.1 | 34.83 | 32.16 | 32.81 | 31.21 | 28.67 | --- | --- | --- | --- |
| 40 | 32.0 | 30.64 | 28.29 | 28.72 | 27.29 | 25.23 | --- | --- | --- | --- |
| 45 | 28.0 | 26.63 | 24.64 | 24.89 | 23.59 | 22.02 | --- | --- | --- | --- |
| 50 | 24.1 | 22.92 | 21.24 | 21.28 | 20.25 | 19.18 | --- | --- | --- | --- |
| 55 | 20.5 | 19.56 | 18.14 | 18.11 | 17.36 | 16.67 | --- | --- | --- | --- |
| 60 | 17.2 | 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 | 9.3 | 9.20 | 8.99 | 8.93 | 8.83 | 8.09 | --- | --- | --- | --- |
| 80 | 7.2 | 7.22 | 7.57 | 6.87 | 7.07 | 6.46 | --- | --- | --- | --- |
| 85 | 5.8 | 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 1987—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. 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 (<i>l_x</i>) | | | | | | | | | |
|--------------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 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 | 98,604 | 98,261 | 97,235 | 96,172 | 95,913 | 95,318 | --- | --- | --- | --- |
| 5 | 98,355 | 97,958 | 96,772 | 95,543 | 95,055 | 91,710 | --- | --- | --- | --- |
| 10 | 98,232 | 97,806 | 96,546 | 95,265 | 94,679 | 91,092 | --- | --- | --- | --- |
| 15 | 98,125 | 97,669 | 96,353 | 95,057 | 94,343 | 90,363 | --- | --- | --- | --- |
| 20 | 97,900 | 97,404 | 95,917 | 94,660 | 93,544 | 88,505 | --- | --- | --- | --- |
| 25 | 97,505 | 96,996 | 95,247 | 94,005 | 92,336 | 85,961 | --- | --- | --- | --- |
| 30 | 96,994 | 96,441 | 94,370 | 93,070 | 90,799 | 83,147 | --- | --- | --- | --- |
| 35 | 96,238 | 95,719 | 93,123 | 91,670 | 88,805 | 79,679 | --- | --- | --- | --- |
| 40 | 95,225 | 94,646 | 91,247 | 89,676 | 86,052 | 75,908 | --- | --- | --- | --- |
| 45 | 93,804 | 93,009 | 88,608 | 86,793 | 82,257 | 71,061 | --- | --- | --- | --- |
| 50 | 91,756 | 90,523 | 84,964 | 82,979 | 77,007 | 64,886 | --- | --- | --- | --- |
| 55 | 88,615 | 86,951 | 80,162 | 77,382 | 70,196 | 57,419 | --- | --- | --- | --- |
| 60 | 84,285 | 82,000 | 73,984 | 69,941 | 61,758 | 49,102 | --- | --- | --- | --- |
| 65 | 77,940 | 75,382 | 66,064 | 60,825 | 52,358 | 40,718 | --- | --- | --- | --- |
| 70 | 70,005 | 67,147 | 56,375 | 51,274 | 42,612 | 32,579 | --- | --- | --- | --- |
| 75 | 59,738 | 56,499 | 44,841 | 40,540 | 32,981 | 24,668 | --- | --- | --- | --- |
| 80 | 47,687 | 44,378 | 33,373 | 30,315 | 23,712 | 17,157 | --- | --- | --- | --- |
| 85 | 32,414 | 30,543 | 22,763 | 19,744 | 15,550 | 10,658 | --- | --- | --- | --- |
| BLACK | | | | | | | | | | |
| 0 | 100,000 | 100,000 | 100,000 | --- | --- | 100,000 | --- | --- | --- | --- |
| 1 | 98,205 | 97,885 | 96,731 | --- | --- | 92,584 | --- | --- | --- | --- |
| 5 | 97,897 | 97,522 | 96,207 | --- | --- | 90,983 | --- | --- | --- | --- |
| 10 | 97,734 | 97,322 | 95,928 | --- | --- | 90,339 | --- | --- | --- | --- |
| 15 | 97,565 | 97,134 | 95,661 | --- | --- | 89,591 | --- | --- | --- | --- |
| 20 | 97,093 | 96,652 | 94,887 | --- | --- | 87,839 | --- | --- | --- | --- |
| 25 | 96,251 | 95,804 | 93,513 | --- | --- | 85,210 | --- | --- | --- | --- |
| 30 | 95,206 | 94,680 | 91,934 | --- | --- | 82,194 | --- | --- | --- | --- |
| 35 | 93,721 | 93,268 | 89,977 | --- | --- | 78,683 | --- | --- | --- | --- |
| 40 | 91,738 | 91,439 | 87,304 | --- | --- | 74,466 | --- | --- | --- | --- |
| 45 | 89,211 | 88,834 | 83,700 | --- | --- | 69,284 | --- | --- | --- | --- |
| 50 | 85,919 | 85,044 | 78,938 | --- | --- | 62,702 | --- | --- | --- | --- |
| 55 | 81,242 | 79,816 | 72,826 | --- | --- | 54,846 | --- | --- | --- | --- |
| 60 | 75,254 | 72,913 | 65,250 | --- | --- | 46,318 | --- | --- | --- | --- |
| 65 | 66,961 | 64,391 | 56,102 | --- | --- | 37,838 | --- | --- | --- | --- |
| 70 | 57,222 | 54,617 | 45,785 | --- | --- | 29,654 | --- | --- | --- | --- |
| 75 | 45,825 | 43,274 | 34,262 | --- | --- | 21,798 | --- | --- | --- | --- |
| 80 | 33,688 | 31,711 | 23,710 | --- | --- | 14,408 | --- | --- | --- | --- |
| 85 | 20,492 | 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 | 98,026 | 97,703 | 96,394 | --- | --- | 91,772 | 91,268 | 89,499 | 78,065 | 74,674 |
| 5 | 97,687 | 97,300 | 95,826 | --- | --- | 90,082 | 88,412 | 85,195 | 68,589 | 64,385 |
| 10 | 97,495 | 97,061 | 95,497 | --- | --- | 89,393 | 87,311 | 83,788 | 66,377 | 61,730 |
| 15 | 97,273 | 96,826 | 95,161 | --- | --- | 88,610 | 86,152 | 82,332 | 64,478 | 59,667 |
| 20 | 96,572 | 96,132 | 94,053 | --- | --- | 86,968 | 83,621 | 79,057 | 61,426 | 56,733 |
| 25 | 95,284 | 94,827 | 91,904 | --- | --- | 84,227 | 79,516 | 74,540 | 57,736 | 53,285 |
| 30 | 93,730 | 93,125 | 89,584 | --- | --- | 80,979 | 75,083 | 70,344 | 54,073 | 49,867 |
| 35 | 91,596 | 91,080 | 86,885 | --- | --- | 77,221 | 70,049 | 65,873 | 49,865 | 46,541 |
| 40 | 88,730 | 88,490 | 83,441 | --- | --- | 72,780 | 64,710 | 61,353 | 45,414 | 42,989 |
| 45 | 85,245 | 84,997 | 78,976 | --- | --- | 67,346 | 58,432 | 56,589 | 40,563 | 39,230 |
| 50 | 80,909 | 80,065 | 73,282 | --- | --- | 60,495 | 51,748 | 51,880 | 35,427 | 34,766 |
| 55 | 74,997 | 73,413 | 66,101 | --- | --- | 52,426 | 44,436 | 46,581 | 29,754 | 29,967 |
| 60 | 67,853 | 64,980 | 57,457 | --- | --- | 43,833 | 36,790 | 40,506 | 23,750 | 24,194 |
| 65 | 58,401 | 55,061 | 47,485 | --- | --- | 35,371 | 29,314 | 34,042 | 17,906 | 19,015 |
| 70 | 47,615 | 44,213 | 36,925 | --- | --- | 27,236 | 21,741 | 26,923 | 12,295 | 13,829 |
| 75 | 35,694 | 32,717 | 25,921 | --- | --- | 19,456 | 14,418 | 18,854 | 7,494 | 8,892 |
| 80 | 23,947 | 22,017 | 16,560 | --- | --- | 12,186 | 8,239 | 11,615 | 3,894 | 4,831 |
| 85 | 12,965 | 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 | 98,389 | 98,073 | 97,076 | --- | --- | 93,416 | 92,796 | 91,251 | 81,493 | 78,525 |
| 5 | 98,113 | 97,751 | 96,598 | --- | --- | 91,806 | 90,185 | 87,149 | 72,768 | 68,056 |
| 10 | 97,980 | 97,590 | 96,369 | --- | --- | 91,308 | 89,201 | 85,607 | 70,508 | 65,111 |
| 15 | 97,869 | 97,450 | 96,172 | --- | --- | 90,594 | 88,088 | 83,954 | 68,218 | 62,384 |
| 20 | 97,630 | 97,180 | 95,729 | --- | --- | 89,736 | 85,078 | 80,154 | 64,764 | 59,053 |
| 25 | 97,209 | 96,754 | 95,035 | --- | --- | 86,198 | 81,067 | 75,359 | 61,430 | 55,795 |
| 30 | 96,634 | 96,150 | 94,114 | --- | --- | 83,384 | 78,816 | 70,633 | 58,261 | 52,773 |
| 35 | 95,741 | 95,338 | 92,807 | --- | --- | 80,092 | 72,192 | 65,857 | 54,595 | 49,567 |
| 40 | 94,539 | 94,137 | 90,817 | --- | --- | 76,064 | 67,271 | 61,130 | 50,568 | 46,146 |
| 45 | 92,860 | 92,322 | 88,001 | --- | --- | 71,157 | 61,385 | 56,230 | 42,279 | 38,525 |
| 50 | 90,502 | 89,583 | 84,168 | --- | --- | 64,885 | 54,920 | 50,780 | 40,886 | 37,661 |
| 55 | 86,965 | 85,653 | 79,177 | --- | --- | 57,314 | 47,074 | 44,742 | 35,415 | 33,124 |
| 60 | 82,163 | 80,293 | 72,820 | --- | --- | 48,928 | 38,761 | 37,954 | 28,908 | 27,524 |
| 65 | 75,119 | 73,266 | 64,716 | --- | --- | 40,504 | 30,852 | 31,044 | 22,302 | 21,995 |
| 70 | 66,577 | 64,729 | 54,873 | --- | --- | 32,354 | 23,341 | 24,107 | 15,871 | 16,140 |
| 75 | 55,830 | 53,831 | 43,193 | --- | --- | 24,502 | 16,576 | 17,216 | 10,657 | 11,086 |
| 80 | 43,470 | 41,686 | 31,756 | --- | --- | 17,039 | 10,822 | 11,151 | 6,324 | 6,708 |
| 85 | 28,317 | 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 1987—Con.

[Alaska and Hawaii included beginning in 1959. For decennial periods prior to 1929-31, data are for groups of registration States as follows: 1900-1902 and 1909-11, 10 States and the District of Columbia; 1919-21, 34 States and the District of Columbia. 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) | | | | | | | | | |
|--------------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| | 1987 | 1979-81 | 1969-71 | 1959-61 | 1949-51 | 1939-41 | 1929-31 | 1919-21 | 1909-11 | 1900-1902 |
| ALL OTHER, FEMALE | | | | | | | | | | |
| 0 | 75.2 | 74.00 | 69.05 | 66.47 | 62.70 | 55.51 | --- | --- | --- | --- |
| 1 | 75.3 | 74.31 | 70.01 | 68.10 | 64.37 | 58.47 | --- | --- | --- | --- |
| 5 | 71.4 | 70.53 | 66.34 | 64.54 | 60.93 | 55.47 | --- | --- | --- | --- |
| 10 | 68.5 | 65.64 | 61.49 | 59.72 | 56.17 | 50.83 | --- | --- | --- | --- |
| 15 | 61.6 | 60.73 | 56.60 | 54.85 | 51.36 | 46.22 | --- | --- | --- | --- |
| 20 | 56.7 | 55.88 | 51.85 | 50.07 | 46.77 | 42.14 | --- | --- | --- | --- |
| 25 | 52.0 | 51.11 | 47.19 | 45.40 | 42.35 | 38.31 | --- | --- | --- | --- |
| 30 | 47.2 | 46.39 | 42.61 | 40.83 | 38.02 | 34.52 | --- | --- | --- | --- |
| 35 | 42.6 | 41.72 | 38.14 | 36.41 | 33.82 | 30.83 | --- | --- | --- | --- |
| 40 | 38.0 | 37.16 | 33.87 | 32.16 | 29.82 | 27.31 | --- | --- | --- | --- |
| 45 | 33.5 | 32.77 | 29.80 | 28.14 | 26.07 | 24.00 | --- | --- | --- | --- |
| 50 | 29.2 | 28.59 | 25.97 | 24.31 | 22.67 | 21.04 | --- | --- | --- | --- |
| 55 | 25.2 | 24.66 | 22.37 | 20.89 | 19.62 | 18.44 | --- | --- | --- | --- |
| 60 | 21.3 | 20.99 | 19.02 | 17.83 | 16.95 | 16.14 | --- | --- | --- | --- |
| 65 | 17.8 | 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 | 8.9 | 9.17 | 9.01 | 7.66 | 8.15 | 8.00 | --- | --- | --- | --- |
| 85 | 6.9 | 7.19 | 7.07 | 5.44 | 6.15 | 6.38 | --- | --- | --- | --- |
| BLACK | | | | | | | | | | |
| 0 | 69.4 | 68.52 | 64.11 | --- | --- | 53.85 | --- | --- | --- | --- |
| 1 | 69.7 | 68.99 | 65.27 | --- | --- | 57.15 | --- | --- | --- | --- |
| 5 | 65.9 | 65.25 | 61.62 | --- | --- | 54.13 | --- | --- | --- | --- |
| 10 | 61.0 | 60.38 | 56.79 | --- | --- | 49.50 | --- | --- | --- | --- |
| 15 | 56.1 | 55.49 | 51.94 | --- | --- | 44.89 | --- | --- | --- | --- |
| 20 | 51.4 | 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 | 37.9 | 37.28 | 34.48 | --- | --- | 29.53 | --- | --- | --- | --- |
| 40 | 33.7 | 32.98 | 30.46 | --- | --- | 26.06 | --- | --- | --- | --- |
| 45 | 29.6 | 28.87 | 26.65 | --- | --- | 22.82 | --- | --- | --- | --- |
| 50 | 25.6 | 25.03 | 23.11 | --- | --- | 19.94 | --- | --- | --- | --- |
| 55 | 21.9 | 21.50 | 19.83 | --- | --- | 17.43 | --- | --- | --- | --- |
| 60 | 18.5 | 18.29 | 16.83 | --- | --- | 15.18 | --- | --- | --- | --- |
| 65 | 15.4 | 15.37 | 14.16 | --- | --- | 13.02 | --- | --- | --- | --- |
| 70 | 12.6 | 12.67 | 11.77 | --- | --- | 10.93 | --- | --- | --- | --- |
| 75 | 10.1 | 10.32 | 9.89 | --- | --- | 8.97 | --- | --- | --- | --- |
| 80 | 7.9 | 8.17 | 8.20 | --- | --- | 7.31 | --- | --- | --- | --- |
| 85 | 6.4 | 6.54 | 6.54 | --- | --- | 5.91 | --- | --- | --- | --- |
| BLACK, MALE | | | | | | | | | | |
| 0 | 65.2 | 64.10 | 60.00 | --- | --- | 52.26 | 47.55 | 47.14 | 34.05 | 32.54 |
| 1 | 65.5 | 64.60 | 61.24 | --- | --- | 55.93 | 51.08 | 51.63 | 42.53 | 42.46 |
| 5 | 61.7 | 60.86 | 57.60 | --- | --- | 52.95 | 48.69 | 50.18 | 44.25 | 45.06 |
| 10 | 56.8 | 56.01 | 52.79 | --- | --- | 48.34 | 44.27 | 45.99 | 40.65 | 41.90 |
| 15 | 51.9 | 51.14 | 47.96 | --- | --- | 43.74 | 39.83 | 41.75 | 36.77 | 38.26 |
| 20 | 47.3 | 46.48 | 43.49 | --- | --- | 39.52 | 35.95 | 38.36 | 33.46 | 35.11 |
| 25 | 42.9 | 42.09 | 39.45 | --- | --- | 35.72 | 32.67 | 35.54 | 30.44 | 32.21 |
| 30 | 38.6 | 37.81 | 35.40 | --- | --- | 32.05 | 29.45 | 32.51 | 27.33 | 29.25 |
| 35 | 34.4 | 33.60 | 31.42 | --- | --- | 28.48 | 26.39 | 29.54 | 24.42 | 26.16 |
| 40 | 30.4 | 29.51 | 27.61 | --- | --- | 25.06 | 23.36 | 26.53 | 21.57 | 23.12 |
| 45 | 26.6 | 25.61 | 24.03 | --- | --- | 21.88 | 20.59 | 23.55 | 18.85 | 20.09 |
| 50 | 22.9 | 22.03 | 20.69 | --- | --- | 19.06 | 17.92 | 20.47 | 16.21 | 17.34 |
| 55 | 19.5 | 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 | 13.5 | 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 | 6.8 | 7.03 | 7.35 | --- | --- | 6.58 | 5.42 | 5.83 | 5.53 | 5.12 |
| 85 | 5.6 | 5.61 | 5.92 | --- | --- | 5.34 | 4.30 | 4.53 | 4.48 | 4.04 |
| BLACK, FEMALE | | | | | | | | | | |
| 0 | 73.6 | 72.88 | 68.32 | --- | --- | 55.56 | 49.51 | 46.92 | 37.67 | 35.04 |
| 1 | 73.8 | 73.31 | 69.37 | --- | --- | 58.46 | 52.33 | 50.39 | 45.15 | 43.54 |
| 5 | 70.0 | 69.54 | 65.70 | --- | --- | 55.40 | 49.81 | 48.70 | 46.42 | 46.04 |
| 10 | 65.1 | 64.65 | 60.85 | --- | --- | 50.75 | 45.33 | 44.54 | 42.84 | 43.02 |
| 15 | 60.2 | 59.74 | 55.97 | --- | --- | 46.13 | 40.87 | 40.36 | 39.18 | 39.79 |
| 20 | 55.3 | 54.90 | 51.22 | --- | --- | 42.04 | 37.22 | 37.15 | 36.14 | 36.89 |
| 25 | 50.5 | 50.13 | 46.57 | --- | --- | 38.20 | 33.93 | 34.35 | 32.97 | 33.90 |
| 30 | 45.8 | 45.43 | 42.00 | --- | --- | 34.40 | 30.67 | 31.48 | 29.61 | 30.70 |
| 35 | 41.2 | 40.79 | 37.56 | --- | --- | 30.83 | 27.47 | 28.58 | 26.44 | 27.52 |
| 40 | 36.7 | 36.28 | 33.32 | --- | --- | 27.19 | 24.30 | 25.60 | 23.34 | 24.37 |
| 45 | 32.3 | 31.94 | 29.31 | --- | --- | 23.89 | 21.39 | 22.61 | 20.43 | 21.36 |
| 50 | 28.1 | 27.84 | 25.52 | --- | --- | 20.95 | 18.60 | 19.76 | 17.65 | 18.67 |
| 55 | 24.1 | 24.00 | 21.97 | --- | --- | 18.38 | 16.27 | 17.09 | 14.98 | 15.88 |
| 60 | 20.4 | 20.42 | 18.66 | --- | --- | 16.10 | 14.22 | 14.69 | 12.78 | 13.60 |
| 65 | 17.1 | 17.13 | 15.67 | --- | --- | 13.95 | 12.24 | 12.41 | 10.82 | 11.38 |
| 70 | 13.9 | 14.05 | 13.02 | --- | --- | 11.82 | 10.38 | 10.25 | 9.22 | 9.62 |
| 75 | 11.1 | 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 | 6.8 | 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, 1929-87

[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 | | | | | | | | | | | |
| 1987 | 75.0 | 71.5 | 78.4 | 75.6 | 72.2 | 78.9 | 71.3 | 67.3 | 75.2 | 69.4 | 65.2 | 73.6 |
| 1986 | 74.8 | 71.3 | 78.3 | 75.4 | 72.0 | 78.8 | 71.2 | 67.2 | 75.1 | 69.4 | 65.2 | 73.5 |
| 1985 | 74.7 | 71.2 | 78.2 | 75.3 | 71.9 | 78.7 | 71.2 | 67.2 | 75.0 | 69.5 | 65.3 | 73.5 |
| 1984 | 74.7 | 71.2 | 78.2 | 75.3 | 71.8 | 78.7 | 71.3 | 67.4 | 75.0 | 69.7 | 65.6 | 73.7 |
| 1983 | 74.6 | 71.0 | 78.1 | 75.2 | 71.7 | 78.7 | 71.1 | 67.2 | 74.9 | 69.6 | 65.4 | 73.6 |
| 1982 | 74.5 | 70.9 | 78.1 | 75.1 | 71.5 | 78.7 | 71.0 | 68.8 | 75.0 | 69.4 | 65.1 | 73.7 |
| 1981 | 74.2 | 70.4 | 77.8 | 74.8 | 71.1 | 78.4 | 70.3 | 68.1 | 74.4 | 68.9 | 64.5 | 73.2 |
| 1980 | 73.7 | 70.0 | 77.4 | 74.4 | 70.7 | 78.1 | 69.5 | 65.3 | 73.6 | 68.1 | 63.8 | 72.5 |
| 1979 | 73.9 | 70.0 | 77.8 | 74.6 | 70.8 | 78.4 | 69.8 | 65.4 | 74.1 | 68.5 | 64.0 | 72.9 |
| 1978 | 73.5 | 69.6 | 77.3 | 74.1 | 70.4 | 78.0 | 69.3 | 65.0 | 73.5 | 68.1 | 63.7 | 72.4 |
| 1977 | 73.3 | 69.5 | 77.2 | 74.0 | 70.2 | 77.9 | 68.9 | 64.7 | 73.2 | 67.7 | 63.4 | 72.0 |
| 1976 | 72.9 | 69.1 | 76.8 | 73.8 | 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 | 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 | 63.9 | 59.3 | 67.8 |
| 1968 | 70.2 | 66.6 | 74.1 | 71.1 | 67.5 | 75.0 | 64.1 | 60.4 | 67.9 | 63.4 | 59.1 | 67.5 |
| 1967 | 70.5 | 67.0 | 74.3 | 71.4 | 67.8 | 75.2 | 64.9 | 61.4 | 68.5 | 63.9 | 59.6 | 68.0 |
| 1966 | 70.2 | 66.7 | 73.9 | 71.1 | 67.5 | 74.8 | 64.2 | 60.9 | 67.6 | 63.1 | 59.1 | 67.5 |
| 1965 | 70.2 | 66.8 | 73.8 | 71.1 | 67.6 | 74.8 | 64.3 | 61.2 | 67.6 | 63.2 | 59.2 | 67.6 |
| 1964 | 70.2 | 66.8 | 73.7 | 71.0 | 67.7 | 74.7 | 64.2 | 61.3 | 67.3 | 63.3 | 59.3 | 67.7 |
| 1963 | 69.9 | 66.6 | 73.4 | 70.8 | 67.4 | 74.4 | 63.7 | 61.0 | 66.6 | 62.8 | 58.9 | 67.0 |
| 1962 | 70.1 | 66.9 | 73.5 | 70.9 | 67.7 | 74.5 | 64.2 | 61.6 | 66.9 | 63.4 | 59.6 | 67.3 |
| 1961 | 70.2 | 67.1 | 73.6 | 71.0 | 67.8 | 74.6 | 64.5 | 62.0 | 67.1 | 63.6 | 59.9 | 67.6 |
| 1960 | 69.7 | 66.6 | 73.1 | 70.6 | 67.4 | 74.1 | 63.6 | 61.3 | 66.5 | 62.9 | 59.2 | 67.1 |
| 1959 | 69.9 | 66.8 | 73.2 | 70.7 | 67.5 | 74.2 | 63.9 | 61.3 | 66.5 | 63.1 | 59.3 | 67.2 |
| 1958 | 69.6 | 66.6 | 72.9 | 70.5 | 67.4 | 73.9 | 63.4 | 61.0 | 65.8 | 62.7 | 59.0 | 67.0 |
| 1957 | 68.5 | 66.4 | 72.7 | 70.3 | 67.2 | 73.7 | 63.0 | 60.7 | 65.5 | 62.4 | 58.7 | 66.7 |
| 1956 | 69.7 | 66.7 | 72.9 | 70.5 | 67.5 | 73.9 | 63.6 | 61.3 | 66.1 | 63.0 | 59.4 | 67.3 |
| 1955 | 69.6 | 66.7 | 72.8 | 70.5 | 67.4 | 73.7 | 63.4 | 61.4 | 66.1 | 63.1 | 59.5 | 67.4 |
| 1954 | 69.6 | 66.7 | 72.8 | 70.5 | 67.5 | 73.7 | 63.4 | 61.1 | 65.9 | 63.0 | 59.4 | 67.3 |
| 1953 | 68.8 | 66.0 | 72.0 | 69.7 | 66.8 | 73.0 | 62.0 | 59.7 | 64.5 | 62.0 | 58.6 | 66.6 |
| 1952 | 68.6 | 65.8 | 71.6 | 69.5 | 66.6 | 72.6 | 61.4 | 59.1 | 63.8 | 61.6 | 58.0 | 66.2 |
| 1951 | 68.4 | 65.6 | 71.4 | 69.3 | 66.5 | 72.4 | 61.2 | 59.2 | 63.4 | 61.4 | 58.0 | 66.0 |
| 1950 | 68.2 | 65.6 | 71.1 | 69.1 | 66.5 | 72.2 | 60.8 | 59.1 | 62.9 | 61.2 | 57.9 | 65.8 |
| 1949 | 68.0 | 65.2 | 70.7 | 68.8 | 66.2 | 71.9 | 60.6 | 58.9 | 62.7 | 61.0 | 57.7 | 65.6 |
| 1948 | 67.2 | 64.6 | 69.9 | 68.0 | 65.5 | 71.0 | 60.0 | 58.1 | 62.5 | 60.7 | 57.4 | 65.4 |
| 1947 | 66.8 | 64.4 | 69.7 | 67.6 | 65.2 | 70.5 | 59.7 | 57.9 | 61.9 | 60.4 | 57.0 | 65.0 |
| 1946 | 66.7 | 64.4 | 69.4 | 67.5 | 65.1 | 70.3 | 59.1 | 57.5 | 61.0 | 60.0 | 56.9 | 64.9 |
| 1945 | 65.9 | 63.6 | 67.9 | 66.8 | 64.4 | 69.5 | 57.7 | 56.1 | 59.6 | 58.6 | 55.8 | 64.0 |
| 1944 | 65.2 | 63.6 | 66.8 | 66.2 | 64.5 | 68.4 | 56.6 | 55.8 | 57.7 | 57.7 | 54.9 | 63.9 |
| 1943 | 63.3 | 62.4 | 64.4 | 64.2 | 63.2 | 65.7 | 55.6 | 55.4 | 56.1 | 55.6 | 52.8 | 63.0 |
| 1942 | 66.2 | 64.7 | 67.9 | 67.3 | 65.9 | 69.4 | 56.6 | 55.4 | 58.2 | 57.3 | 54.4 | 66.0 |
| 1941 | 64.8 | 63.1 | 66.8 | 66.2 | 64.4 | 68.5 | 53.8 | 52.5 | 55.3 | 54.4 | 51.7 | 64.7 |
| 1940 | 62.9 | 60.8 | 65.2 | 64.2 | 62.1 | 66.6 | 53.1 | 51.5 | 54.9 | 53.9 | 51.0 | 62.8 |
| 1939 | 63.7 | 62.1 | 65.4 | 64.9 | 63.3 | 66.6 | 54.5 | 53.2 | 56.0 | 55.0 | 52.1 | 63.9 |
| 1938 | 63.5 | 61.9 | 65.3 | 65.0 | 63.2 | 66.8 | 52.9 | 51.7 | 54.3 | 53.5 | 50.7 | 63.6 |
| 1937 | 60.0 | 58.0 | 62.4 | 61.4 | 59.3 | 63.8 | 50.3 | 48.3 | 52.5 | 51.7 | 48.8 | 60.8 |
| 1936 | 58.5 | 56.6 | 60.6 | 59.8 | 58.0 | 61.9 | 49.0 | 47.0 | 51.4 | 50.6 | 47.9 | 59.3 |
| 1935 | 61.7 | 59.9 | 63.9 | 62.9 | 61.0 | 65.0 | 53.1 | 51.3 | 55.2 | 54.4 | 51.5 | 64.4 |
| 1934 | 61.1 | 59.3 | 63.3 | 62.4 | 60.5 | 64.6 | 51.8 | 50.2 | 53.7 | 52.9 | 50.0 | 63.8 |
| 1933 | 63.3 | 61.7 | 65.1 | 64.3 | 62.7 | 66.3 | 54.7 | 53.5 | 56.0 | 55.2 | 52.3 | 66.0 |
| 1932 | 62.1 | 61.0 | 63.5 | 63.2 | 62.0 | 64.5 | 53.7 | 52.8 | 54.6 | 53.8 | 51.0 | 64.8 |
| 1931 | 61.1 | 59.4 | 63.1 | 62.6 | 60.8 | 64.7 | 50.4 | 49.5 | 51.5 | 50.7 | 48.0 | 63.0 |
| 1930 | 59.7 | 58.1 | 61.6 | 61.4 | 59.7 | 63.5 | 48.1 | 47.3 | 49.2 | 48.4 | 45.7 | 61.2 |
| 1929 | 57.1 | 55.6 | 58.7 | 58.6 | 57.2 | 60.3 | 46.7 | 45.7 | 47.8 | 47.0 | 44.3 | 59.4 |

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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, 1929-87—Con.

[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 Deaths based on a 50-percent sample.

³ Figures by race exclude data for residents of New Jersey; see Technical Appendix.



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Cover III