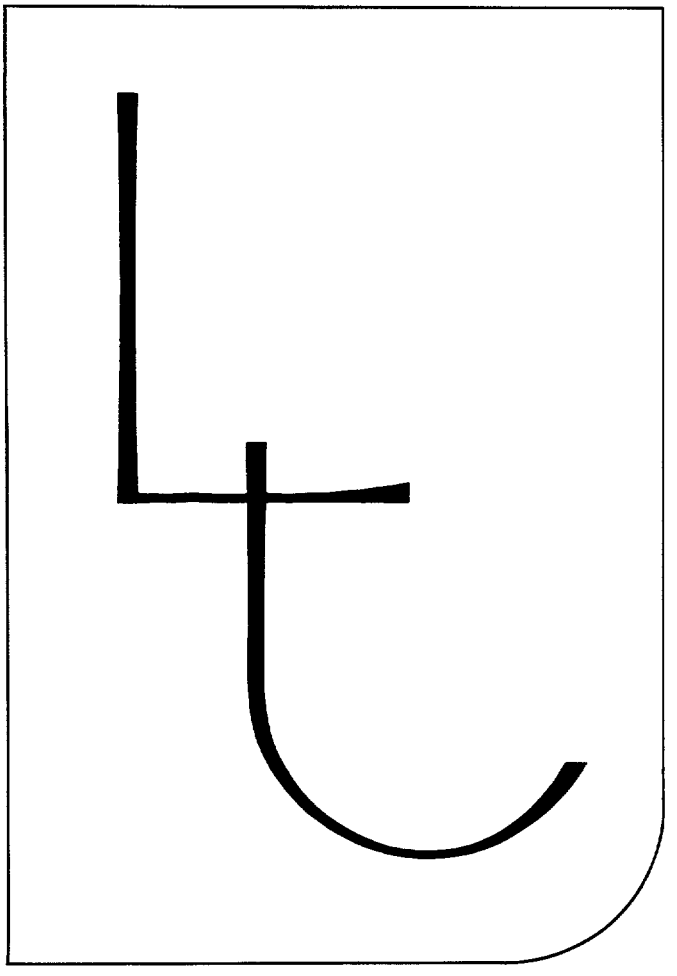
Vital Statistics of the United States, 1980

Life Tables

Volume II, Section 6



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SECTION 6 - LIFE TABLES

GUIDE TO TABLES IN SECTION 6

Table: 6	-1	-2	-3	-4	-5
Page:	8	12	13	14	16
Years:					
1900-1980					5[1]
1980 only	1	2	3		
Specified years and 1980				4[2]	
Type of entry:					
Proportion of dying (${}_nq_x$)	1				
Number surviving (l_x)	1	2		4	
Number dying (${}_nd_x$)	1				
Stationary population (${}_nL_x$ and T_x)	1				
Average remaining lifetime ($\mathring{e}_x$)	1		3	4	
Average length of life ($\mathring{e}_o$)					5
Characteristics:					
Age by:					
Single years		2	3		
5-year intervals	1			4	
Race-specific	1	2	3		5
Sex-race specific	1	2	3	4	5
Sex-specific	1	2	3		5
Total population	1	2	3		5

[1]Entire United States for 1929-80; death-registration States for 1900-1928.
[2]Entire United States for specified years from 1929 to 1980; death-registration States for specified years from 1900 to 1921.

The mortality 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 a cohort from birth until no lives remain in the group.

The better known current life table may, by 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 mortality rates observed for an actual population during a particular period. Thus, for example, a current life table for 1980 assumes a hypothetical cohort subject throughout its lifetime to the age-specific mortality rates prevailing for the actual population in 1980. The current life table may thus be characterized as rendering a "snapshot" of current mortality experience. In this section the term "life table" refers to the current life table only and not to the generation life table.

The life table program

There are three series of life tables prepared in the National Center for Health Statistics—complete, provisional abridged, and final abridged life tables. The complete life tables for the U.S. population contain life table values for single years of age and are based on decennial census data and deaths for a 3-year period about the census year and have been prepared since 1900. The provisional abridged life tables contain values by 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 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 population and the methods for constructing abridged life tables permit the preparation of abridged life tables which provide 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.[1] Methodology developed by Greville was used in constructing life tables for 1945 to 1952. Since 1953 a modified method has been employed.[2] U.S. life tables for the decennial period 1969-71 are used as the standard table in constructing the 1980 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. Starting 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 $\mathring{e}_x$ 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 has been responsible for the introduction of a third series, provisional abridged life tables. Starting with 1958 provisional abridged life tables have been published, for the total population only, in the "Annual Summary of Births, Deaths, Marriages, and Divorces, United States," *Monthly Vital Statistics Report*. Values in these life tables are based on population estimates provided by the Bureau of the Census and on the estimated number of deaths derived from the "Current Mortality Sample" (CMS). The CMS consists of one-tenth of the death certificates filed in the vital statistics registration offices of each State, Washington, D.C., and New York City. The sample is taken by selecting 1 certificate out of every 10 death certificates received between two dates a month apart.

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[1]National Office of Vital Statistics, T. N. E. Greville: Method of constructing the abridged life tables for the United States, 1949. *Vital Statistics-Special Reports*. Vol. 33, No. 15. Public Health Service. Washington, D.C., 1953.

[2]National Center for Health Statistics, M. G. Sirken: Comparison of two methods of constructing abridged life tables by reference to a "standard" table. *Vital and Health Statistics*. Series 2, No. 4. PHS Pub. No. 1000. Public Health Service. Washington. U.S. Government Printing Office, 1966.

Life table values

The data used to prepare the abridged U.S. life tables for 1980 are the final mortality statistics and the midyear 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, and 1980 are shown in tables 6-A and 6-C.

Expectation of life.—The most frequently used life table statistic is life expectancy ($\mathring{e}_x$), which is the average number of years remaining for persons who have attained a given age (x). Life expectancy and other life table values at specified ages in 1980 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 1980 for the total population was 73.7 years, which represents the average number of years that the members of the life table cohort may expect to live at the time of birth (table 6-A).

Survivors to specified ages.—Another way of assessing longevity of the life table cohort is by determining the proportion of it that survives to specified ages. The l_x column provides the data for computing the proportion. For instance, for the total population, 76,944 out of the original life table cohort of 100,000 (or 76.9 percent) were alive at exact age 65 in 1980 (table 6-C and 6-2).

Median length of life.—In addition to determining the proportion alive at a specified age, one can also compute the median age at death, the age at which exactly half the cohort (50,000 persons) still remain alive and half have died. For example, in 1980 the median age at death for the total population was 77.4 years (table 6-C).

Trends and comparisons

This report shows life table data for the white population, for the population of all other races, and separately for the black population for 1980. Prior to 1979 annual reports showed race data for the white population and the population of all other races. The change to more detailed race data means some tables in the report show life table data for the black population for only selected years. For years where such data are not available, comparisons between the races are made in terms of the white population and the population of all other races. In 1980 the black population constituted 83.9 percent of the population of all other races.

In 1980 white females had the highest life expectancy at birth, 78.1 years, followed by black

Table 6-A. Expectation of life at selected ages, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, and 1980

Life table value and age	Total	White		All other			
				Total		Black	
		Male	Female	Male	Female	Male	Female
Expectation of life:							
At birth							
1980	73.7	70.7	78.1	65.3	73.6	63.7	72.3
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							
1980	73.7	70.6	77.9	65.7	73.9	64.2	72.7
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							
1980	55.3	52.4	59.4	47.5	55.5	46.0	54.3
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							
1980	16.4	14.2	18.5	13.5	17.3	12.9	16.5
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

females, 72.3 years, white males, 70.7 years, and black males, 63.7 years (table 6-A). The same order was maintained by the race-sex groups for life expectancy at ages 1, 20, and 65 years.

Trends in life expectancy are shown in tables 6-A, 6-4, and 6-5. Table 6-4 shows the expectation of life and the number of cohort survivors at specified ages for the race-sex groups around the census years since 1900 and for 1980. Table 6-5 shows expectations of life at birth for single calendar years since 1900. Many of the figures shown in this table were estimated (see Technical appendix).

Between 1969-71 and 1980 the increase in years in the life expectancy at birth for each of the race-sex groups was greater than the corresponding change between 1959-61 and 1969-71 (table 6-B). Among the race-sex groups, females other than white had the greatest increase (4.5 years) between 1969-71 and 1980, followed by males other than white, white males, and white females.

For 1980 the percent surviving from birth to age 65 years was greatest for white females (84.7 percent), followed by black females (72.8 percent), white males (72.3 percent), and black males (54.5 percent) (table 6-C).

Between 1969-71 and 1980 the increase in the percent surviving to age 65 years for each of the race-sex groups was greater than the corresponding change between 1959-61 and 1969-71 (table 6-D). Among the race-sex groups, females other than white had the greatest increase (8.9 percentage points) between 1969-71 and 1980, followed by males other than white, white males, and white females.

For 1980 white females had the highest median age at death (81.7 years), followed by black females (76.3 years), white males (74.1 years), and black males (67.1 years) (table 6-C).

The increase in the median age at death for each of the race-sex groups was greater between 1969-71 and 1980 than the corresponding change in median

Table 6-B. Change in life expectancy at birth in years by race and sex: United States, 1959-61 to 1969-71 and 1969-71 to 1980

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1980	2.8	2.6	4.3	4.5
1959-61 to 1969-71	0.4	1.3	-0.5	2.6

Table 6-C. Percent surviving from birth to selected ages, and median age at death, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, and 1980

Life table value and age	Total	White		All other			
				Total		Black	
		Male	Female	Male	Female	Male	Female
Percent surviving from birth:							
To age 1 year							
1980	98.7	98.8	99.0	97.9	98.2	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							
1980	97.7	97.5	98.3	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							
1980	76.9	72.3	84.7	58.0	75.0	54.5	72.8
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:							
1980	77.4	74.1	81.7	68.7	77.4	67.1	76.3
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

Table 6-D. Change in percent surviving to age 65 by race and sex: United States, 1959-61 to 1969-71 and 1969-71 to 1980

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1980	6.0	3.1	8.4	8.9
1959-61 to 1969-71	0.5	0.9	-1.8	5.3

Table 6-E. Change in median age at death in years by race and sex: United States, 1959-61 to 1969-71 and 1969-71 to 1980

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1980	2.6	2.2	3.9	4.6
1959-61 to 1969-71	0.1	1.0	-0.8	2.2

age between 1959-61 and 1969-71. Among the race-sex groups, females other than white had the greatest increase (4.6 years) between 1969-71 and 1980, followed by males other than white, white males, and white females (table 6-E).

Technical appendix

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

Revised life table values, 1961-79.—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, respectively for 1959-61 and 1969-71, as the standard tables. Life table values for 1970 have also been revised by using the 1969-71 decennial life tables as the standard tables. Previous 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.

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 color or 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, the "race not stated" deaths were allocated to white or 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 average length of life ($\mathring{e}_x$) for single calendar years prior to the initiation of the annual abridged life table series in 1945. The figures in table 6-5 for the following years, and race and sex groups were estimated to meet these needs.[3]

Years	*Race and sex groups*	*Years*	*Race and sex groups*
1900-1945	Total	1900-1944	White female
1900-1947	Male	1900-1950	All other
1900-1947	Female	1900-1944	All other male
1900-1950	White	1900-1944	All other female
1900-1944	White male		

Population bases for computing life tables

The population used for computing life tables shown in this report (furnished by the U.S. Bureau of the Census) represents the population residing in the specified area. The population estimates for 1980 are based on the April 1, 1980 census enumeration. The figures by race in the 1980 census are affected by changes in the practice of reporting race, particularly on the part of the Hispanic population, and in coding and classifying racial groups in the 1980 census. One particular change has created a major inconsistency between the 1980 census data and historical data series. About 40 percent of the Hispanic population counted in 1980, or over 5.8

[3]For estimating procedure, see National Office of Vital Statistics, "Estimated average length of life in the death-registration States," T. N. E. Greville and G. A. Carlson. *Vital Statistics-Special Reports.* Vol. 33, No. 9. Public Health Service. Washington, D.C., 1951.

million persons, did not mark one of the specified races listed on the census questionnaire, but marked the "other" category instead. In the 1980 census a modification was made in the coding procedures in the treatment of persons who marked "other" race and wrote in a national origin designation of a Latin American country or a specific Hispanic origin group in response to the race question. These persons remained in the "other races" category in 1980 census data. In previous censuses and in vital statistics, such responses were almost always coded to the "white" category. To maintain comparability, the 1980 census data by race have been redistributed to conform to the historical categories. Unpublished tabulations of these modified census counts were obtained from the U.S. Bureau of the Census and were used for the computation of the life tables for this report.

In obtaining the modified census counts, persons who marked the "other" race category and who reported any Spanish origin on the Spanish origin question (5.8 million persons) were distributed to white and black races in proportion to the distribution of persons of Hispanic origin who reported their race to be white or black. This procedure was done for each age-sex group. As a result, 5.7 million persons were added to the white population, and about 135,000 persons were added to the black population. Persons who marked the "other" race category and who reported that they were not of Spanish origin (about 916,000 persons) were distributed as follows: 20 percent in each age-sex group were added to the category "Asian and Pacific Islander," and 80 percent were added to the "white" category.[4] The count of American Indians, Eskimos, and Aleuts was not affected by these procedures.

Life table values for 1971-79 have been revised, based on revised populations for those years that are consistent with the 1980 census levels, and, therefore, may differ from those published in reports for 1979 and earlier years.[4] The 1980 census enumerated approximately 5.5 million persons more than were previously estimated for April 1, 1980.[5]

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[4]U.S. Bureau of the Census: Preliminary estimates of the population of the United States, by age, sex, and race: 1970–1981. *Current Population Reports.* Series P-25, No. 917. Washington. U.S. Government Printing Office, July 1982.

[5]U.S. Bureau of the Census: Coverage of the national population in the 1980 census, by age, sex, and race: Preliminary estimates by demographic analysis. *Current Population Reports.* P-23, No. 115. Washington. U.S. Government Printing Office, Feb. 1982.

Symbols

- - -	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

Explanation of the Columns of the Life Table

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

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 0.0101—out of every 1,000 males alive and exactly 20 years old at the beginning of the period about 10 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, 98,600 will complete the first year of life and enter the second; 98,317 will begin the sixth year; 97,261 will reach age 20; and 17,783 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, 1,400 die in the first year of life, 283 in the succeeding 4 years, 986 in the 5-year period between exact ages 20 and 25, and 17,783 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 an individual left the group, either by death or by growing older and entering the next higher age group, his place would immediately be taken by someone entering from the next lower age group. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday which marks the beginning of the age interval indicated in column 1, 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 483,870. 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 483,870 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 5,033,709 persons who have passed their 20th birthday. The male population at all ages 0 and above (in other words, the total male population of the stationary community) would be 6,995,933.

Column 7—Average remaining lifetime ($\mathring{e}_x$).—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. In order 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 483,870 for males in the age interval 20-25 is the

total number of years lived between the 20th and 25th birthdays by the 97,261 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure (5,033,709) in column 6 is the total number of years lived after attaining age 20 by the 97,261 reaching that age. This number of years divided by the number of persons (5,033,709 divided by 97,261) gives 51.8 years as the average remaining lifetime of males at age 20.

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

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1980

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
ALL RACES						
0-1	0.0127	100,000	1,266	98,901	7,371,986	73.7
1-5	.0025	98,734	250	394,355	7,273,085	73.7
5-10	.0015	98,484	150	492,017	6,878,730	69.8
10-15	.0015	98,334	152	491,349	6,386,713	64.9
15-20	.0049	98,182	482	489,817	5,895,364	60.0
20-25	.0066	97,700	648	486,901	5,405,547	55.3
25-30	.0066	97,052	638	483,665	4,918,646	50.7
30-35	.0070	96,414	672	480,463	4,434,981	46.0
35-40	.0091	95,742	875	476,663	3,954,518	41.3
40-45	.0139	94,867	1,321	471,250	3,477,855	36.7
45-50	.0222	93,546	2,079	462,857	3,006,605	32.1
50-55	.0351	91,467	3,209	449,811	2,543,748	27.8
55-60	.0530	88,258	4,676	430,230	2,093,937	23.7
60-65	.0794	83,582	6,638	402,081	1,663,707	19.9
65-70	.1165	76,944	8,965	363,181	1,261,626	16.4
70-75	.1694	67,979	11,517	312,015	898,445	13.2
75-80	.2427	56,462	13,702	248,534	586,430	10.4
80-85	.3554	42,760	15,197	175,192	337,896	7.9
85 and over	1.0000	27,563	27,563	162,704	162,704	5.9
MALE						
0-1	.0140	100,000	1,400	98,787	6,995,933	70.0
1-5	.0029	98,600	283	393,749	6,897,146	70.0
5-10	.0018	98,317	173	491,124	6,503,397	66.1
10-15	.0019	98,144	188	490,340	6,012,273	61.3
15-20	.0071	97,956	695	488,224	5,521,933	56.4
20-25	.0101	97,261	986	483,870	5,033,709	51.8
25-30	.0098	96,275	939	478,990	4,549,839	47.3
30-35	.0098	95,336	932	474,430	4,070,849	42.7
35-40	.0122	94,404	1,149	469,323	3,596,419	38.1
40-45	.0180	93,255	1,681	462,351	3,127,096	33.5
45-50	.0288	91,574	2,640	451,697	2,664,745	29.1
50-55	.0462	88,934	4,110	435,061	2,213,048	24.9
55-60	.0707	84,824	5,997	409,935	1,777,987	21.0
60-65	.1061	78,827	8,365	374,082	1,368,052	17.4
65-70	.1571	70,462	11,068	325,406	993,970	14.1
70-75	.2259	59,394	13,420	263,862	668,564	11.3
75-80	.3149	45,974	14,476	193,303	404,702	8.8
80-85	.4354	31,498	13,715	121,742	211,399	6.7
85 and over	1.0000	17,783	17,783	89,657	89,657	5.0
FEMALE						
0-1	.0113	100,000	1,126	99,021	7,748,490	77.5
1-5	.0022	98,874	215	394,990	7,649,469	77.4
5-10	.0013	98,659	126	492,954	7,254,479	73.5
10-15	.0011	98,533	113	492,411	6,761,525	68.6
15-20	.0027	98,420	261	491,492	6,269,114	63.7
20-25	.0031	98,159	305	490,045	5,777,622	58.9
25-30	.0034	97,854	334	488,463	5,287,577	54.0
30-35	.0042	97,520	412	486,634	4,799,114	49.2
35-40	.0062	97,108	601	484,140	4,312,480	44.4
40-45	.0100	96,507	963	480,283	3,828,340	39.7
45-50	.0160	95,544	1,524	474,134	3,348,057	35.0
50-55	.0247	94,020	2,322	464,624	2,873,923	30.6
55-60	.0369	91,698	3,381	450,481	2,409,299	26.3
60-65	.0558	88,317	4,931	429,930	1,958,818	22.2
65-70	.0828	83,386	6,902	400,651	1,528,888	18.3
70-75	.1261	76,484	9,643	359,605	1,128,237	14.8
75-80	.1937	66,841	12,950	303,049	768,632	11.5
80-85	.3088	53,891	16,639	228,072	465,583	8.6
85 and over	1.0000	37,252	37,252	237,511	237,511	6.4

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1980—Con.

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
WHITE						
0-1	0.0110	100,000	1,105	99,038	7,439,722	74.4
1-5	.0023	98,895	227	395,058	7,340,684	74.2
5-10	.0014	98,668	141	492,963	6,945,626	70.4
10-15	.0015	98,527	147	492,324	6,452,663	65.5
15-20	.0050	98,380	489	490,782	5,960,339	60.6
20-25	.0062	97,891	609	487,937	5,469,557	55.9
25-30	.0058	97,282	567	484,983	4,981,620	51.2
30-35	.0060	96,715	581	482,185	4,496,637	46.5
35-40	.0079	96,134	756	478,914	4,014,452	41.8
40-45	.0121	95,378	1,155	474,216	3,535,538	37.1
45-50	.0199	94,223	1,872	466,754	3,061,322	32.5
50-55	.0323	92,351	2,980	454,804	2,594,568	28.1
55-60	.0498	89,371	4,451	436,367	2,139,764	23.9
60-65	.0760	84,920	6,452	409,249	1,703,397	20.1
65-70	.1132	78,468	8,879	371,074	1,294,148	16.5
70-75	.1662	69,589	11,565	320,047	923,074	13.3
75-80	.2407	58,024	13,965	255,799	603,027	10.4
80-85	.3549	44,059	15,634	180,622	347,228	7.9
85 and over	1.0000	28,425	28,425	166,606	166,606	5.9
WHITE, MALE						
0-1	.0123	100,000	1,233	99,928	7,068,892	70.7
1-5	.0026	98,767	259	394,478	6,969,964	70.6
5-10	.0016	98,508	160	492,116	6,575,486	66.8
10-15	.0019	98,348	184	491,369	6,083,370	61.9
15-20	.0072	98,164	703	489,235	5,592,001	57.0
20-25	.0095	97,461	927	484,997	5,102,766	52.4
25-30	.0087	96,534	837	480,529	4,617,769	47.8
30-35	.0084	95,697	800	476,553	4,137,240	43.2
35-40	.0104	94,897	984	472,195	3,660,687	38.6
40-45	.0157	93,913	1,470	466,164	3,188,492	34.0
45-50	.0258	92,443	2,384	456,675	2,722,328	29.4
50-55	.0426	90,059	3,833	441,382	2,265,653	25.2
55-60	.0667	86,226	5,754	417,577	1,824,271	21.2
60-65	.1020	80,472	8,212	382,727	1,406,694	17.5
65-70	.1536	72,260	11,101	334,374	1,023,967	14.2
70-75	.2237	61,159	13,682	272,110	689,593	11.3
75-80	.3145	47,477	14,932	199,743	417,483	8.8
80-85	.4363	32,545	14,199	125,737	217,740	6.7
85 and over	1.0000	18,346	18,346	92,003	92,003	5.0
WHITE, FEMALE						
0-1	0097	100,000	969	99,156	7,812,718	78.1
1-5	.0020	99,031	193	395,676	7,713,562	77.9
5-10	.0012	98,838	119	493,868	7,317,886	74.0
10-15	0011	98,719	108	493,350	6,824,018	69.1
15-20	0027	98,611	265	492,434	6,330,668	64.2
20-25	.0029	98,346	283	491,029	5,838,234	59.4
25-30	.0029	98,063	287	489,619	5,347,205	54.5
30-35	.0036	97,776	356	488,043	4,857,586	49.7
35-40	.0054	97,420	524	485,886	4,369,543	44.9
40-45	.0086	96,896	836	482,541	3,883,657	40.1
45-50	.0141	96,060	1,357	477,123	3,401,116	35.4
50-55	.0225	94,703	2,127	468,520	2,923,993	30.9
55-60	.0342	92,576	3,169	455,395	2,455,473	26.5
60-65	.0527	89,407	4,709	435,930	2,000,078	22.4
65-70	.0792	84,698	6,707	407,755	1,564,148	18.5
70-75	.1220	77,991	9,514	367,579	1,156,393	14.8
75-80	.1907	68,477	13,059	311,089	788,814	11.5
80-85	.3075	55,418	17,042	234,762	477,725	8.6
85 and over	1.0000	38,376	38,376	242,963	242,963	6.3

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1980—Con.

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
ALL OTHER						
0-1	0.0192	100,000	1,924	98,341	6,945,537	69.5
1-5	.0036	98,076	349	391,469	6,847,196	69.8
5-10	.0020	97,727	194	488,102	6,455,727	66.1
10-15	.0018	97,533	173	487,299	5,967,625	61.2
15-20	.0046	97,360	451	485,811	5,480,326	56.3
20-25	.0089	96,909	865	482,488	4,994,515	51.5
25-30	.0109	96,044	1,051	477,646	4,512,027	47.0
30-35	.0130	94,993	1,239	472,005	4,034,381	42.5
35-40	.0175	93,754	1,643	464,872	3,562,376	38.0
40-45	.0256	92,111	2,360	454,931	3,097,504	33.6
45-50	.0385	89,751	3,453	440,501	2,642,573	29.4
50-55	.0565	86,298	4,877	419,783	2,202,072	25.5
55-60	.0796	81,421	6,485	391,436	1,782,289	21.9
60-65	.1099	74,936	8,233	354,676	1,390,853	18.6
65-70	.1459	66,703	9,729	309,651	1,036,177	15.5
70-75	.1996	56,974	11,373	256,638	726,526	12.8
75-80	.2616	45,601	11,929	197,544	469,888	10.3
80-85	.3609	33,672	12,153	136,875	272,344	8.1
85 and over	1.0000	21,519	21,519	135,469	135,469	6.3
ALL OTHER, MALE						
0-1	.0209	100,000	2,086	98,205	6,526,494	65.3
1-5	.0040	97,914	392	390,729	6,428,289	65.7
5-10	.0024	97,522	229	486,988	6,037,560	61.9
10-15	.0022	97,293	210	486,039	5,550,572	57.1
15-20	.0068	97,083	657	483,998	5,064,533	52.2
20-25	.0138	96,426	1,335	478,966	4,580,535	47.5
25-30	.0164	95,091	1,563	471,574	4,101,569	43.1
30-35	.0194	93,528	1,810	463,265	3,629,995	38.8
35-40	.0250	91,718	2,288	453,123	3,166,730	34.5
40-45	.0344	89,430	3,078	439,773	2,713,607	30.3
45-50	.0515	86,352	4,443	421,092	2,273,834	26.3
50-55	.0761	81,909	6,230	394,543	1,852,742	22.6
55-60	.1054	75,679	7,978	358,993	1,458,199	19.3
60-65	.1434	67,701	9,708	314,703	1,099,206	16.2
65-70	.1880	57,993	10,904	262,986	784,503	13.5
70-75	.2464	47,089	11,601	206,355	521,517	11.1
75-80	.3178	35,488	11,278	148,224	315,162	8.9
80-85	.4257	24,210	10,306	93,880	166,938	6.9
85 and over	1.0000	13,904	13,904	73,058	73,058	5.3
ALL OTHER, FEMALE						
0-1	.0176	100,000	1,757	98,481	7,362,520	73.6
1-5	.0031	98,243	305	392,232	7,264,039	73.9
5-10	.0016	97,938	158	489,250	6,871,807	70.2
10-15	.0014	97,780	136	488,597	6,382,557	65.3
15-20	.0025	97,644	244	487,672	5,893,960	60.4
20-25	.0044	97,400	424	485,994	5,406,288	55.5
25-30	.0061	96,976	590	483,477	4,920,294	50.7
30-35	.0076	96,386	732	480,219	4,436,817	46.0
35-40	.0112	95,654	1,067	475,765	3,956,598	41.4
40-45	.0181	94,587	1,708	468,887	3,480,833	36.8
45-50	.0276	92,879	2,561	458,295	3,011,946	32.4
50-55	.0404	90,318	3,645	442,861	2,553,651	28.3
55-60	.0577	86,673	5,002	421,359	2,110,790	24.4
60-65	.0821	81,671	6,704	392,250	1,689,431	20.7
65-70	.1122	74,967	8,410	354,396	1,297,181	17.3
70-75	.1629	66,557	10,845	306,114	942,785	14.2
75-80	.2208	55,712	12,304	247,578	636,671	11.4
80-85	.3180	43,408	13,806	181,844	389,093	9.0
85 and over	1.0000	29,602	29,602	207,249	207,249	7.0

Table 6-1. Abridged Life Tables by Race and Sex: United States, 1980—Con.

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
Period of life between two exact ages stated in years, race, and sex	Proportion of persons alive at beginning of age interval dying during interval	Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	${}_nq_x$	l_x	${}_nd_x$	${}_nL_x$	T_x	$\mathring{e}_x$
BLACK						
0-1	0.0214	100,000	2,145	98,147	6,798,966	68.0
1-5	.0038	97,855	372	390,529	6,700,819	68.5
5-10	.0021	97,483	204	486,853	6,310,290	64.7
10-15	.0018	97,279	179	486,016	5,823,437	59.9
15-20	.0046	97,100	451	484,516	5,337,421	55.0
20-25	.0094	96,649	912	481,086	4,852,905	50.2
25-30	.0121	95,737	1,157	475,854	4,371,819	45.7
30-35	.0150	94,580	1,422	469,504	3,895,965	41.2
35-40	.0200	93,158	1,864	461,369	3,426,461	36.8
40-45	.0291	91,294	2,655	450,136	2,965,092	32.5
45-50	.0434	88,639	3,848	433,978	2,514,956	28.4
50-55	.0627	84,791	5,319	411,161	2,080,978	24.5
55-60	.0874	79,472	6,948	380,551	1,669,817	21.0
60-65	.1192	72,524	8,648	341,570	1,289,266	17.8
65-70	.1558	63,876	9,949	294,934	947,696	14.8
70-75	.2117	53,927	11,415	241,243	652,762	12.1
75-80	.2745	42,512	11,668	182,691	411,519	9.7
80-85	.3773	30,844	11,637	124,008	228,828	7.4
85 and over	1.0000	19,207	19,207	104,820	104,820	5.5
BLACK, MALE						
0-1	.0234	100,000	2,335	97,987	6,366,187	63.7
1-5	.0043	97,665	419	389,668	6,268,200	64.2
5-10	.0025	97,246	242	485,569	5,878,532	60.5
10-15	.0023	97,004	221	484,569	5,392,963	55.6
15-20	.0068	96,783	656	482,506	4,908,394	50.7
20-25	.0147	96,127	1,415	477,300	4,425,888	46.0
25-30	.0183	94,712	1,730	469,268	3,948,588	41.7
30-35	.0226	92,982	2,099	459,833	3,479,320	37.4
35-40	.0289	90,883	2,629	448,122	3,019,487	33.2
40-45	.0397	88,254	3,506	432,856	2,571,365	29.1
45-50	.0584	84,748	4,950	411,834	2,138,509	25.2
50-55	.0847	79,798	6,758	382,683	1,726,675	21.6
55-60	.1160	73,040	8,471	344,578	1,343,992	18.4
60-65	.1559	64,569	10,068	298,103	999,414	15.5
65-70	.2019	54,501	11,003	245,198	701,311	12.9
70-75	.2632	43,498	11,449	188,676	456,113	10.5
75-80	.3351	32,049	10,739	132,368	267,437	8.3
80-85	.4438	21,310	9,457	81,589	135,069	6.3
85 and over	1.0000	11,853	11,853	53,480	53,480	4.5
BLACK, FEMALE						
0-1	.0195	100,000	1,949	98,313	7,228,626	72.3
1-5	.0033	98,051	323	391,420	7,130,313	72.7
5-10	.0017	97,728	164	488,183	6,738,893	69.0
10-15	.0014	97,564	135	487,518	6,250,710	64.1
15-20	.0025	97,429	246	486,591	5,763,192	59.2
20-25	.0046	97,183	447	484,857	5,276,601	54.3
25-30	.0066	96,736	641	482,155	4,791,744	49.5
30-35	.0085	96,095	821	478,556	4,309,589	44.8
35-40	.0125	95,274	1,193	473,573	3,831,033	40.2
40-45	.0202	94,081	1,899	465,900	3,357,460	35.7
45-50	.0309	92,182	2,849	454,109	2,891,560	31.4
50-55	.0446	89,333	3,985	437,103	2,437,451	27.3
55-60	.0634	85,348	5,410	413,741	2,000,348	23.4
60-65	.0891	79,938	7,121	382,564	1,586,607	19.8
65-70	.1197	72,817	8,718	342,880	1,204,043	16.5
70-75	.1729	64,099	11,084	293,205	861,163	13.4
75-80	.2323	53,015	12,315	233,979	567,958	10.7
80-85	.3342	40,700	13,603	168,713	333,979	8.2
85 and over	1.0000	27,097	27,097	165,266	165,266	6.1

Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1980

Age	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,734	98,600	98,874	98,895	98,767	99,031	98,076	97,914	98,243	97,855	97,665	98,051
2	98,648	98,500	98,802	98,815	98,674	98,966	97,962	97,787	98,143	97,734	97,530	97,945
3	98,581	98,425	98,744	98,755	98,605	98,915	97,868	97,682	98,060	97,634	97,418	97,857
4	98,528	98,366	98,697	98,707	98,552	98,873	97,791	97,595	97,993	97,551	97,324	97,786
5	98,484	98,317	98,659	98,668	98,508	98,838	97,727	97,522	97,938	97,483	97,246	97,728
6	98,446	98,274	98,627	98,633	98,470	98,808	97,674	97,461	97,894	97,427	97,181	97,682
7	98,413	98,235	98,599	98,602	98,434	98,782	97,630	97,409	97,858	97,381	97,126	97,645
8	98,383	98,200	98,574	98,573	98,401	98,758	97,593	97,364	97,829	97,342	97,079	97,614
9	98,357	98,169	98,552	98,548	98,372	98,737	97,561	97,326	97,804	97,309	97,039	97,586
10	98,334	98,144	98,533	98,527	98,348	98,719	97,533	97,293	97,780	97,279	97,004	97,564
11	98,314	98,122	98,515	98,509	98,328	98,702	97,506	97,263	97,757	97,251	96,972	97,540
12	98,295	98,101	98,497	98,491	98,308	98,686	97,479	97,232	97,733	97,222	96,938	97,516
13	98,270	98,072	98,477	98,468	98,281	98,667	97,448	97,196	97,706	97,189	96,899	97,490
14	98,234	98,026	98,452	98,432	98,235	98,643	97,409	97,148	97,677	97,149	96,849	97,461
15	98,182	97,956	98,420	98,380	98,164	98,611	97,360	97,083	97,644	97,100	96,783	97,429
16	98,112	97,859	98,379	98,309	98,065	98,569	97,299	96,999	97,607	97,040	96,701	97,392
17	98,026	97,737	98,330	98,220	97,940	98,519	97,226	96,896	97,565	96,968	96,600	97,350
18	97,926	97,593	98,275	98,117	97,793	98,463	97,138	96,769	97,517	96,881	96,474	97,302
19	97,816	97,433	98,217	98,006	97,631	98,404	97,033	96,613	97,462	96,775	96,318	97,247
20	97,700	97,261	98,159	97,891	97,461	98,346	96,909	96,426	97,400	96,649	96,127	97,183
21	97,578	97,077	98,100	97,772	97,283	98,289	96,766	96,205	97,330	96,501	95,898	97,111
22	97,449	96,881	98,040	97,650	97,097	98,232	96,603	95,953	97,252	96,331	95,633	97,030
23	97,317	96,679	97,979	97,526	96,907	98,175	96,425	95,677	97,167	96,144	95,340	96,940
24	97,184	96,475	97,917	97,403	96,718	98,119	96,237	95,387	97,075	95,944	95,030	96,842
25	97,052	96,275	97,854	97,282	96,534	98,063	96,044	95,091	96,976	95,737	94,712	96,736
26	96,922	96,080	97,790	97,164	96,356	98,007	95,845	94,791	96,870	95,523	94,387	96,622
27	96,794	95,889	97,725	97,049	96,185	97,951	95,641	94,486	96,757	95,300	94,053	96,500
28	96,667	95,703	97,659	96,937	96,019	97,894	95,431	94,175	96,638	95,069	93,709	96,371
29	96,541	95,519	97,591	96,826	95,857	97,836	95,215	93,856	96,514	94,829	93,353	96,236
30	96,414	95,336	97,520	96,715	95,697	97,776	94,993	93,528	96,386	94,580	92,982	96,095
31	96,286	95,154	97,447	96,604	95,539	97,713	94,764	93,190	96,254	94,320	92,595	95,949
32	96,156	94,972	97,370	96,492	95,382	97,647	94,528	92,843	96,117	94,049	92,193	95,795
33	96,023	94,788	97,288	96,377	95,224	97,576	94,283	92,483	95,973	93,766	91,774	95,633
34	95,886	94,599	97,201	96,258	95,063	97,501	94,026	92,109	95,819	93,470	91,338	95,460
35	95,742	94,404	97,108	96,134	94,897	97,420	93,754	91,718	95,654	93,158	90,883	95,274
36	95,590	94,200	97,008	96,003	94,723	97,332	93,466	91,307	95,476	92,829	90,408	95,074
37	95,428	93,986	96,899	95,864	94,540	97,237	93,161	90,874	95,284	92,482	89,910	94,859
38	95,255	93,759	96,780	95,714	94,345	97,133	92,835	90,418	95,074	92,113	89,387	94,624
39	95,069	93,516	96,650	95,553	94,137	97,020	92,486	89,937	94,843	91,718	88,836	94,366
40	94,867	93,255	96,507	95,378	93,913	96,896	92,111	89,430	94,587	91,294	88,254	94,081
41	94,647	92,973	96,349	95,188	93,670	96,760	91,708	88,893	94,304	90,839	87,639	93,767
42	94,408	92,668	96,175	94,980	93,405	96,610	91,274	88,323	93,993	90,350	86,987	93,422
43	94,146	92,335	95,984	94,751	93,114	96,445	90,805	87,714	93,653	89,823	86,292	93,044
44	93,860	91,972	95,774	94,500	92,795	96,262	90,299	87,059	93,282	89,254	85,548	92,631
45	93,546	91,574	95,544	94,223	92,443	96,060	89,751	86,352	92,879	88,639	84,748	92,182
46	93,202	91,138	95,291	93,918	92,055	95,838	89,159	85,589	92,442	87,975	83,889	91,695
47	92,826	90,661	95,014	93,582	91,628	95,593	88,521	84,768	91,969	87,261	82,969	91,167
48	92,414	90,138	94,711	93,211	91,156	95,324	87,834	83,885	91,459	86,494	81,983	90,598
49	91,962	89,564	94,380	92,802	90,635	95,028	87,094	82,933	90,909	85,671	80,927	89,987
50	91,467	88,934	94,020	92,351	90,059	94,703	86,298	81,909	90,318	84,791	79,798	89,333
51	90,926	88,244	93,627	91,855	89,424	94,347	85,444	80,810	89,684	83,851	78,593	88,635
52	90,337	87,491	93,199	91,311	88,726	93,957	84,530	79,635	89,004	82,851	77,313	87,890
53	89,697	86,671	92,736	90,717	87,963	93,533	83,556	78,386	88,277	81,788	75,958	87,096
54	89,005	85,783	92,236	90,071	87,131	93,073	82,520	77,067	87,501	80,662	74,533	86,250
55	88,258	84,824	91,698	89,371	86,226	92,576	81,421	75,679	86,673	79,472	73,040	85,348
56	87,454	83,791	91,120	88,614	85,246	92,039	80,259	74,224	85,792	78,217	71,481	84,390
57	86,590	82,679	90,498	87,796	84,185	91,459	79,032	72,701	84,856	76,897	69,856	83,374
58	85,660	81,484	89,827	86,911	83,039	90,830	77,738	71,108	83,860	75,510	68,163	82,296
59	84,659	80,202	89,102	85,954	81,803	90,148	76,373	69,442	82,800	74,053	66,401	81,152
60	83,582	78,827	88,317	84,920	80,472	89,407	74,936	67,701	81,671	72,524	64,569	79,938
61	82,425	77,358	87,468	83,805	79,043	88,602	73,425	65,887	80,469	70,922	62,668	78,649
62	81,186	75,792	86,552	82,606	77,514	87,731	71,841	64,002	79,193	69,248	60,702	77,286
63	79,861	74,124	85,567	81,319	75,878	86,791	70,188	62,053	77,847	67,510	58,680	75,854
64	78,448	72,349	84,512	79,941	74,128	85,781	68,474	60,048	76,437	65,717	56,610	74,363
65	76,944	70,462	83,386	78,468	72,260	84,698	66,703	57,993	74,967	63,876	54,501	72,817
66	75,348	68,464	82,184	76,898	70,272	83,538	64,880	55,893	73,441	61,993	52,359	71,221
67	73,657	66,357	80,901	75,229	68,168	82,296	63,004	53,751	71,853	60,066	50,186	69,569
68	71,868	64,142	79,530	73,457	65,947	80,963	61,068	51,569	70,189	58,087	47,988	67,845
69	69,976	61,820	78,060	71,578	63,610	79,531	59,060	49,348	68,428	56,043	45,757	66,027
70	67,979	59,394	76,484	69,589	61,159	77,991	56,974	47,089	66,557	53,927	43,498	64,099
71	65,876	56,869	74,796	67,489	58,600	76,338	54,808	44,797	64,569	51,736	41,213	62,054
72	63,669	54,253	72,992	65,281	55,941	74,567	52,571	42,479	62,471	49,480	38,911	59,901
73	61,361	51,557	71,068	62,965	53,192	72,671	50,278	40,146	60,281	47,176	36,606	57,660
74	58,957	48,793	69,019	60,545	50,366	70,643	47,949	37,812	58,022	44,847	34,314	55,358
75	56,462	45,974	66,841	58,024	47,477	68,477	45,601	35,488	55,712	42,512	32,049	53,015
76	53,879	43,113	64,531	55,406	44,537	66,167	43,241	33,182	53,359	40,180	29,820	50,640
77	51,213	40,222	62,084	52,695	41,559	63,709	40,871	30,898	50,960	37,851	27,630	48,230
78	48,468	37,314	59,497	49,897	38,558	61,100	38,488	28,640	48,507	35,522	25,481	45,776
79	45,648	34,401	56,767	47,016	35,548	58,337	36,089	26,409	45,992	33,187	23,374	43,268
80	42,760	31,498	53,891	44,059	32,545	55,418	33,672	24,210	43,408	30,844	21,310	40,700
81	39,809	28,622	50,867	41,033	29,567	52,340	31,239	22,047	40,755	28,495	19,294	38,070
82	36,804	25,791	47,693	37,947	26,635	49,099	28,796	19,926	38,036	26,145	17,331	35,382
83	33,754	23,026	44,367	34,810	23,771	45,694	26,352	17,855	35,260	23,803	15,429	32,645
84	30,670	20,348	40,887	31,632	20,999	42,121	23,921	15,844	32,442	21,484	13,599	29,876
85	27,563	17,763	37,252	28,425	18,346	38,376	21,519	13,904	29,602	19,207	11,853	27,097

Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1980

Age	All races			White			All other					
							Total			Black		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
0	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6	68.0	63.7	72.3
1	73.7	70.0	77.4	74.2	70.6	77.9	69.8	65.7	73.9	68.5	64.2	72.7
2	72.7	69.0	76.4	73.3	69.6	76.9	68.9	64.7	73.0	67.6	63.3	71.8
3	71.8	68.1	75.5	72.3	68.7	76.0	68.0	63.8	72.1	66.6	62.3	70.9
4	70.8	67.1	74.5	71.4	67.7	75.0	67.0	62.9	71.1	65.7	61.4	69.9
5	69.8	66.1	73.5	70.4	66.8	74.0	66.1	61.9	70.2	64.7	60.5	69.0
6	68.9	65.2	72.6	69.4	65.8	73.1	65.1	60.9	69.2	63.8	59.5	68.0
7	67.9	64.2	71.6	68.4	64.8	72.1	64.1	60.0	68.2	62.8	58.5	67.0
8	66.9	63.2	70.6	67.5	63.8	71.1	63.1	59.0	67.2	61.8	57.6	66.0
9	65.9	62.2	69.6	66.5	62.8	70.1	62.2	58.0	66.3	60.8	56.6	65.1
10	64.9	61.3	68.6	65.5	61.9	69.1	61.2	57.1	65.3	59.9	55.6	64.1
11	64.0	60.3	67.6	64.5	60.9	68.1	60.2	56.1	64.3	58.9	54.6	63.1
12	63.0	59.3	66.6	63.5	59.9	67.1	59.2	55.1	63.3	57.9	53.6	62.1
13	62.0	58.3	65.7	62.5	58.9	66.2	58.2	54.1	62.3	56.9	52.7	61.1
14	61.0	57.3	64.7	61.6	57.9	65.2	57.3	53.1	61.3	55.9	51.7	60.1
15	60.0	56.4	63.7	60.6	57.0	64.2	56.3	52.2	60.4	55.0	50.7	59.2
16	59.1	55.4	62.7	59.6	56.0	63.2	55.3	51.2	59.4	54.0	49.8	58.2
17	58.1	54.5	61.8	58.7	55.1	62.3	54.4	50.3	58.4	53.0	48.8	57.2
18	57.2	53.6	60.8	57.7	54.2	61.3	53.4	49.3	57.4	52.1	47.9	56.2
19	56.3	52.7	59.8	56.8	53.3	60.3	52.5	48.4	56.5	51.1	46.9	55.3
20	55.3	51.8	58.9	55.9	52.4	59.4	51.5	47.5	55.5	50.2	46.0	54.3
21	54.4	50.9	57.9	54.9	51.5	58.4	50.6	46.6	54.5	49.3	45.2	53.3
22	53.5	50.0	56.9	54.0	50.5	57.4	49.7	45.7	53.6	48.4	44.3	52.4
23	52.5	49.1	56.0	53.1	49.6	56.5	48.8	44.9	52.6	47.5	43.4	51.4
24	51.6	48.2	55.0	52.1	48.7	55.5	47.9	44.0	51.7	46.6	42.5	50.5
25	50.7	47.3	54.0	51.2	47.8	54.5	47.0	43.1	50.7	45.7	41.7	49.5
26	49.7	46.4	53.1	50.3	46.9	53.6	46.1	42.3	49.8	44.8	40.8	48.6
27	48.8	45.4	52.1	49.3	46.0	52.6	45.2	41.4	48.8	43.9	40.0	47.7
28	47.9	44.5	51.1	48.4	45.1	51.6	44.3	40.5	47.9	43.0	39.1	46.7
29	46.9	43.6	50.2	47.4	44.2	50.6	43.4	39.7	47.0	42.1	38.3	45.8
30	46.0	42.7	49.2	46.5	43.2	49.7	42.5	38.8	46.0	41.2	37.4	44.8
31	45.1	41.8	48.2	45.5	42.3	48.7	41.6	38.0	45.1	40.3	36.6	43.9
32	44.1	40.9	47.3	44.6	41.4	47.7	40.7	37.1	44.2	39.4	35.7	43.0
33	43.2	39.9	46.3	43.7	40.4	46.8	39.8	36.2	43.2	38.5	34.9	42.1
34	42.2	39.0	45.4	42.7	39.5	45.8	38.9	35.4	42.3	37.7	34.1	41.1
35	41.3	38.1	44.4	41.8	38.6	44.9	38.0	34.5	41.4	36.8	33.2	40.2
36	40.4	37.2	43.5	40.8	37.6	43.9	37.1	33.7	40.4	35.9	32.4	39.3
37	39.4	36.3	42.5	39.9	36.7	42.9	36.2	32.8	39.5	35.0	31.6	38.4
38	38.5	35.3	41.6	38.9	35.8	42.0	35.4	32.0	38.6	34.2	30.8	37.5
39	37.6	34.4	40.6	38.0	34.9	41.0	34.5	31.2	37.7	33.3	29.9	36.6
40	36.7	33.5	39.7	37.1	34.0	40.1	33.6	30.3	36.8	32.5	29.1	35.7
41	35.7	32.6	38.7	36.1	33.0	39.1	32.8	29.5	35.9	31.6	28.3	34.8
42	34.8	31.7	37.8	35.2	32.1	38.2	31.9	28.7	35.0	30.8	27.5	33.9
43	33.9	30.9	36.9	34.3	31.2	37.3	31.1	27.9	34.2	30.0	26.8	33.1
44	33.0	30.0	36.0	33.4	30.3	36.3	30.3	27.1	33.3	29.2	26.0	32.2
45	32.1	29.1	35.0	32.5	29.4	35.4	29.4	26.3	32.4	28.4	25.2	31.4
46	31.3	28.2	34.1	31.6	28.6	34.5	28.6	25.6	31.6	27.6	24.5	30.5
47	30.4	27.4	33.2	30.7	27.7	33.6	27.8	24.8	30.7	26.8	23.8	29.7
48	29.5	26.5	32.3	29.8	26.8	32.7	27.1	24.1	29.9	26.0	23.0	28.9
49	28.7	25.7	31.4	29.0	26.0	31.8	26.3	23.3	29.1	25.3	22.3	28.1
50	27.8	24.9	30.6	28.1	25.2	30.9	25.5	22.6	28.3	24.5	21.6	27.3
51	27.0	24.1	29.7	27.2	24.3	30.0	24.8	21.9	27.5	23.8	21.0	26.5
52	26.1	23.3	28.8	26.4	23.5	29.1	24.0	21.2	26.7	23.1	20.3	25.7
53	25.3	22.5	28.0	25.6	22.7	28.2	23.3	20.6	25.9	22.4	19.7	24.9
54	24.5	21.7	27.1	24.8	21.9	27.4	22.6	19.9	25.1	21.7	19.0	24.2
55	23.7	21.0	26.3	23.9	21.2	26.5	21.9	19.3	24.4	21.0	18.4	23.4
56	22.9	20.2	25.4	23.1	20.4	25.7	21.2	18.6	23.6	20.3	17.8	22.7
57	22.2	19.5	24.6	22.4	19.6	24.8	20.5	18.0	22.9	19.7	17.2	22.0
58	21.4	18.8	23.8	21.6	18.9	24.0	19.9	17.4	22.1	19.0	16.6	21.3
59	20.6	18.0	23.0	20.8	18.2	23.2	19.2	16.8	21.4	18.4	16.0	20.5
60	19.9	17.4	22.2	20.1	17.5	22.4	18.6	16.2	20.7	17.8	15.5	19.8
61	19.2	16.7	21.4	19.3	16.8	21.6	17.9	15.7	20.0	17.2	14.9	19.2
62	18.5	16.0	20.6	18.6	16.1	20.8	17.3	15.1	19.3	16.6	14.4	18.5
63	17.8	15.4	19.8	17.9	15.4	20.0	16.7	14.6	18.6	16.0	13.9	17.8
64	17.1	14.7	19.1	17.2	14.8	19.2	16.1	14.0	18.0	15.4	13.4	17.2
65	16.4	14.1	18.3	16.5	14.2	18.5	15.5	13.5	17.3	14.8	12.9	16.5
66	15.7	13.5	17.6	15.8	13.6	17.7	15.0	13.0	16.7	14.3	12.4	15.9
67	15.1	12.9	16.9	15.2	13.0	17.0	14.4	12.5	16.0	13.7	11.9	15.3
68	14.4	12.3	16.1	14.5	12.4	16.2	13.8	12.0	15.4	13.2	11.4	14.6
69	13.8	11.8	15.4	13.9	11.8	15.5	13.3	11.5	14.8	12.6	10.9	14.0
70	13.2	11.3	14.8	13.3	11.3	14.8	12.8	11.1	14.2	12.1	10.5	13.4
71	12.6	10.7	14.1	12.7	10.7	14.1	12.2	10.6	13.6	11.6	10.0	12.9
72	12.0	10.2	13.4	12.1	10.2	13.5	11.7	10.2	13.0	11.1	9.6	12.3
73	11.5	9.7	12.8	11.5	9.7	12.8	11.3	9.7	12.5	10.6	9.2	11.8
74	10.9	9.3	12.1	10.9	9.3	12.2	10.8	9.3	12.0	10.1	8.8	11.2
75	10.4	8.8	11.5	10.4	8.8	11.5	10.3	8.9	11.4	9.7	8.3	10.7
76	9.9	8.4	10.9	9.9	8.3	10.9	9.8	8.5	10.9	9.2	7.9	10.2
77	9.3	7.9	10.3	9.3	7.9	10.3	9.4	8.1	10.4	8.8	7.5	9.7
78	8.9	7.5	9.7	8.8	7.5	9.7	8.9	7.7	9.9	8.3	7.1	9.2
79	8.4	7.1	9.2	8.4	7.1	9.2	8.5	7.3	9.4	7.9	6.7	8.7
80	7.9	6.7	8.6	7.9	6.7	8.6	8.1	6.9	9.0	7.4	6.3	8.2
81	7.5	6.3	8.1	7.4	6.3	8.1	7.7	6.5	8.5	7.0	6.0	7.7
82	7.0	6.0	7.6	7.0	6.0	7.6	7.3	6.2	8.1	6.6	5.6	7.3
83	6.6	5.7	7.2	6.6	5.6	7.1	6.9	5.8	7.7	6.2	5.2	6.9
84	6.2	5.3	6.8	6.2	5.3	6.7	6.6	5.5	7.3	5.8	4.9	6.5
85	5.9	5.0	6.4	5.9	5.0	6.3	6.3	5.3	7.0	5.5	4.5	6.1

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1980

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

Age, race, and sex	Number of survivors out of 100,000 born alive (l_x)								
	1980 [1]	1969-71 [1]	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
1	98,767	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,508	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,348	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,164	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	97,461	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	96,534	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	95,697	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	94,897	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	93,913	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	92,443	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,369
50	90,059	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	86,226	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	80,472	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	72,260	66,343	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70	61,159	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	47,477	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	32,545	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,266
85	18,346	13,527	13,065	12,015	9,013	7,572	8,154	5,145	5,252
ALL OTHER, MALE									
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	97,914	96,592	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5	97,522	96,038	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10	97,293	95,716	94,234	93,453	89,211	87,311	83,768	66,377	61,730
15	97,083	95,385	93,874	92,965	88,417	86,152	82,332	64,478	59,667
20	96,426	94,293	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25	95,091	92,267	91,825	90,285	84,055	79,516	74,540	57,736	53,285
30	93,528	90,106	90,270	88,327	80,865	75,083	70,344	54,073	49,867
35	91,718	87,597	88,331	85,940	77,185	70,049	65,873	49,865	46,541
40	89,430	84,378	85,744	82,832	72,830	64,710	61,353	45,414	42,989
45	86,352	80,163	82,075	78,686	67,514	58,432	56,589	40,563	39,230
50	81,909	74,748	77,239	72,891	60,766	51,748	51,880	35,427	34,766
55	75,679	67,808	70,351	65,122	52,867	44,436	46,581	29,754	29,987
60	67,701	59,396	61,669	55,535	44,370	36,790	40,506	23,750	24,194
65	57,993	49,607	51,392	45,198	35,912	29,314	34,042	17,806	19,015
70	47,089	39,025	39,914	35,018	27,688	21,741	26,923	12,295	13,829
75	35,488	27,789	29,064	25,472	19,765	14,419	18,854	7,494	8,892
80	24,210	17,999	19,994	16,904	12,352	8,239	11,615	3,894	4,831
85	13,904	10,811	11,620	9,898	6,492	3,660	5,605	1,747	2,030
WHITE, FEMALE									
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,031	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	98,838	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	98,719	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	98,611	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,346	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,063	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	97,776	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,420	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	96,896	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,060	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	94,703	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	92,576	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	89,407	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	84,698	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	77,991	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	68,477	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	55,418	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	38,376	30,490	26,046	21,348	14,487	10,937	9,909	7,152	7,149
ALL OTHER, FEMALE									
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,243	97,235	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5	97,938	96,772	95,543	95,055	91,710	90,185	87,149	72,768	68,056
10	97,780	96,546	95,265	94,679	91,092	89,201	85,607	70,508	65,111
15	97,644	96,353	95,057	94,343	90,363	88,088	83,954	68,218	62,384
20	97,400	95,917	94,660	93,544	88,505	85,078	80,154	64,764	59,053
25	96,976	95,247	94,005	92,336	85,961	81,067	75,359	61,430	55,795
30	96,386	94,370	93,070	90,799	83,147	76,816	70,633	58,281	52,773
35	95,654	93,123	91,670	88,805	79,879	72,192	65,857	54,595	49,567
40	94,587	91,247	89,676	86,052	75,908	67,271	61,130	50,568	46,146
45	92,879	88,608	86,793	82,257	71,061	61,365	56,230	45,947	42,279
50	90,318	84,964	82,979	77,007	64,886	54,920	50,780	40,886	37,681
55	86,673	80,162	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60	81,671	73,984	69,941	61,758	49,102	38,761	37,954	28,908	27,524
65	74,967	66,064	60,825	52,358	40,718	30,852	31,044	22,302	21,995
70	66,557	56,375	51,274	42,612	32,579	23,341	24,107	15,871	16,140
75	55,712	44,841	40,540	32,981	24,668	16,576	17,216	10,657	11,066
80	43,408	33,373	30,315	23,712	17,157	10,822	11,151	6,324	6,708
85	29,602	22,763	19,744	15,550	10,658	6,033	5,972	3,029	3,567

Table 6-4. Life Table Values by Race and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1980—Con.

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

Age, race, and sex	Average number of years of life remaining $(\overset{o}{e}_x)$								
	1980 [1]	1969-71 [1]	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE									
0	70.7	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	70.6	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	66.8	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	61.9	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15	57.0	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	52.4	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	47.8	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	43.2	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35	38.6	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40	34.0	31.87	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45	29.4	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50	25.2	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	21.2	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	17.5	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	14.2	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	11.3	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75	8.8	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80	6.7	6.18	5.89	5.88	5.38	5.26	5.47	5.09	5.10
85	5.0	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
ALL OTHER, MALE									
0	65.3	60.98	61.48	58.91	52.33	47.55	47.14	34.05	32.54
1	65.7	62.13	63.50	61.06	56.05	51.08	51.63	42.53	42.46
5	61.9	58.48	59.98	57.69	53.13	48.69	50.18	44.25	45.06
10	57.1	53.67	55.19	52.96	48.54	44.27	45.99	40.65	41.90
15	52.2	48.84	50.39	48.23	43.95	39.83	41.75	36.77	38.26
20	47.5	44.37	45.78	43.73	39.74	35.95	38.36	33.46	35.11
25	43.1	40.29	41.38	39.49	35.94	32.67	35.54	30.44	32.21
30	38.8	36.20	37.05	35.31	32.25	29.45	32.51	27.33	29.25
35	34.5	32.16	32.81	31.21	28.67	26.39	29.54	24.42	26.16
40	30.3	28.29	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45	26.3	24.64	24.89	23.59	22.02	20.59	23.55	18.85	20.09
50	22.6	21.24	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55	19.3	18.14	18.11	17.36	16.67	15.46	17.50	13.82	14.69
60	16.2	15.35	15.29	14.91	14.38	13.15	14.74	11.67	12.62
65	13.5	12.87	12.84	12.75	12.18	10.87	12.07	9.74	10.38
70	11.1	10.68	10.81	10.74	10.06	8.78	9.58	8.00	8.33
75	8.9	8.99	8.93	8.83	8.09	6.99	7.61	6.58	6.60
80	6.9	7.57	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85	5.3	6.04	5.08	5.38	5.08	4.30	4.53	4.48	4.04
WHITE, FEMALE									
0	78.1	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	77.9	75.66	74.68	72.77	68.93	64.93	61.51	58.69	56.39
5	74.0	71.86	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10	69.1	66.97	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15	64.2	62.07	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20	59.4	57.24	56.29	54.56	51.38	48.52	46.46	44.88	43.77
25	54.5	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	49.7	47.60	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35	44.9	42.82	41.84	40.28	37.70	35.73	34.86	33.09	32.82
40	40.1	38.12	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45	35.4	33.54	32.53	31.12	28.90	27.39	26.98	25.45	25.51
50	30.9	29.11	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55	26.5	24.85	23.81	22.58	20.73	19.60	19.40	18.18	18.43
60	22.4	20.79	19.69	18.64	17.00	16.05	15.93	14.92	15.23
65	18.5	16.93	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70	14.8	13.37	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75	11.5	10.21	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80	8.6	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85	6.3	5.54	4.66	4.83	4.34	4.24	4.24	4.06	4.10
ALL OTHER, FEMALE									
0	73.6	69.05	66.47	62.70	55.51	49.51	46.92	37.67	35.04
1	73.9	70.01	68.10	64.37	58.47	52.33	50.39	45.15	43.54
5	70.2	66.34	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10	65.3	61.49	59.72	56.17	50.83	45.33	44.54	42.84	43.02
15	60.4	56.60	54.85	51.36	46.22	40.87	40.36	39.18	39.79
20	55.5	51.85	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25	50.7	47.19	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30	46.0	42.61	40.83	38.02	34.52	30.67	31.48	29.61	30.70
35	41.4	38.14	36.41	33.82	30.83	27.47	28.58	26.44	27.52
40	36.8	33.87	32.16	29.82	27.31	24.30	25.60	23.34	24.37
45	32.4	29.80	28.14	26.07	24.00	21.39	22.61	20.43	21.36
50	28.3	25.97	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55	24.4	22.37	20.89	19.62	18.44	16.27	17.09	14.98	15.88
60	20.7	19.02	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65	17.3	15.99	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70	14.2	13.30	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75	11.4	11.06	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80	9.0	9.01	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85	7.0	7.07	5.44	6.15	6.38	5.48	5.22	5.09	5.10

[1] Deaths of nonresidents of the United States were excluded beginning in 1970.

Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-1928, and United States, 1929-80

[For selected years, life table values shown are estimates; see Technical Appendix]

Area and year	All races			White			All other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES									
1980 [1]	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6
1979 [1 2]	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1
1978 [1 2]	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5
1977 [1 2]	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2
1976 [1 2]	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7
1975 [1 2]	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4
1974 [1 2]	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3
1973 [1 2]	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3
1972 [1 2 3]	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1
1971 [1 2]	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8
1970 [1]	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4
1969	70.5	66.8	74.4	71.4	67.7	75.3	64.5	60.6	68.6
1968	70.2	66.6	74.1	71.1	67.5	75.0	64.1	60.4	67.9
1967	70.5	67.0	74.3	71.4	67.8	75.2	64.9	61.4	68.5
1966	70.2	66.7	73.9	71.1	67.5	74.8	64.2	60.9	67.6
1965	70.2	66.8	73.8	71.1	67.6	74.8	64.3	61.2	67.6
1964	70.2	66.8	73.7	71.0	67.7	74.7	64.2	61.3	67.3
1963 [4]	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6
1962 [4]	70.1	66.9	73.5	70.9	67.7	74.5	64.2	61.6	66.9
1961	70.2	67.1	73.6	71.0	67.8	74.6	64.5	62.0	67.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1959	69.9	66.8	73.2	70.7	67.5	74.2	63.9	61.3	66.5
1958	69.6	66.6	72.9	70.5	67.4	73.9	63.4	61.0	65.8
1957	69.5	66.4	72.7	70.3	67.2	73.7	63.0	60.7	65.5
1956	69.7	66.7	72.9	70.5	67.5	73.9	63.6	61.3	66.1
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1954	69.6	66.7	72.8	70.5	67.5	73.7	63.4	61.1	65.9
1953	68.8	66.0	72.0	69.7	66.8	73.0	62.0	59.7	64.5
1952	68.6	65.8	71.6	69.5	66.6	72.6	61.4	59.1	63.8
1951	68.4	65.6	71.4	69.3	66.5	72.4	61.2	59.2	63.4
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1949	68.0	65.2	70.7	68.8	66.2	71.9	60.6	58.9	62.7
1948	67.2	64.6	69.9	68.0	65.5	71.0	60.0	58.1	62.5
1947	66.8	64.4	69.7	67.6	65.2	70.5	59.7	57.9	61.9
1946	66.7	64.4	69.4	67.5	65.1	70.3	59.1	57.5	61.0
1945	65.9	63.6	67.9	66.8	64.4	69.5	57.7	56.1	59.6
1944	65.2	63.6	66.8	66.2	64.5	68.4	56.6	55.8	57.7
1943	63.3	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1
1942	66.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	58.2
1941	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	55.3
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1939	63.7	62.1	65.4	64.9	63.3	66.6	54.5	53.2	56.0
1938	63.5	61.9	65.3	65.0	63.2	66.8	52.9	51.7	54.3
1937	60.0	58.0	62.4	61.4	59.3	63.8	50.3	48.3	52.5
1936	58.5	56.6	60.6	59.8	58.0	61.9	49.0	47.0	51.4
1935	61.7	59.9	63.9	62.9	61.0	65.0	53.1	51.3	55.2
1934	61.1	59.3	63.3	62.4	60.5	64.6	51.8	50.2	53.7
1933	63.3	61.7	65.1	64.3	62.7	66.3	54.7	53.5	56.0
1932	62.1	61.0	63.5	63.2	62.0	64.5	53.7	52.8	54.6
1931	61.1	59.4	63.1	62.6	60.8	64.7	50.4	49.5	51.5
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1929	57.1	55.8	58.7	58.6	57.2	60.3	46.7	45.7	47.8
DEATH-REGISTRATION STATES									
1928	56.8	55.6	58.3	58.4	57.0	60.0	46.3	45.6	47.0
1927	60.4	59.0	62.1	62.0	60.5	63.9	48.2	47.6	48.9
1926	56.7	55.5	58.0	58.2	57.0	59.6	44.6	43.7	45.6
1925	59.0	57.6	60.6	60.7	59.3	62.4	45.7	44.9	46.7
1924	59.7	58.1	61.5	61.4	59.8	63.4	46.6	45.5	47.8
1923	57.2	56.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9
1922	59.6	58.4	61.0	60.4	59.1	61.9	52.4	51.8	53.0
1921	60.8	60.0	61.8	61.8	60.8	62.9	51.5	51.6	51.3
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1919	54.7	53.5	56.0	55.8	54.5	57.4	44.5	44.5	44.4
1918	39.1	36.6	42.2	39.8	37.1	43.2	31.1	29.9	32.5
1917	50.9	48.4	54.0	52.0	49.3	55.3	38.8	37.0	40.8
1916	51.7	49.6	54.3	52.5	50.2	55.2	41.3	39.6	43.1
1915	54.5	52.5	56.8	55.1	53.1	57.5	38.9	37.5	40.5
1914	54.2	52.0	56.8	54.9	52.7	57.5	38.9	37.1	40.8
1913	52.5	50.3	55.0	53.0	50.8	55.7	38.4	36.7	40.3
1912	53.5	51.5	55.9	53.9	51.9	56.2	37.9	35.9	40.0
1911	52.6	50.9	54.4	53.0	51.3	54.9	36.4	34.6	38.2
1910	50.0	48.4	51.8	50.3	48.6	52.0	35.6	33.8	37.5
1909	52.1	50.5	53.8	52.5	50.9	54.2	35.7	34.2	37.3
1908	51.1	49.5	52.8	51.5	49.9	53.3	34.9	33.8	36.0
1907	47.6	45.6	49.9	48.1	46.0	50.4	32.5	31.1	34.0
1906	48.7	46.9	50.8	49.3	47.3	51.4	32.9	31.8	33.9
1905	48.7	47.3	50.2	49.1	47.6	50.6	31.3	29.6	33.1
1904	47.6	46.2	49.1	48.0	46.6	49.5	30.8	29.1	32.7
1903	50.5	49.1	52.0	50.9	49.5	52.5	33.1	31.7	34.6
1902	51.5	49.8	53.4	51.9	50.2	53.8	34.6	32.9	36.4
1901	49.1	47.6	50.6	49.4	48.0	51.0	33.7	32.2	35.3
1900	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5

[1] Excludes deaths of nonresidents of the United States.
[2] Life table values are revised and, therefore, may differ from those published in "Vital Statistics of the United States," Vol. II, Mortality, Part A for 1979 and earlier years; see Technical Appendix.
[3] [illegible]