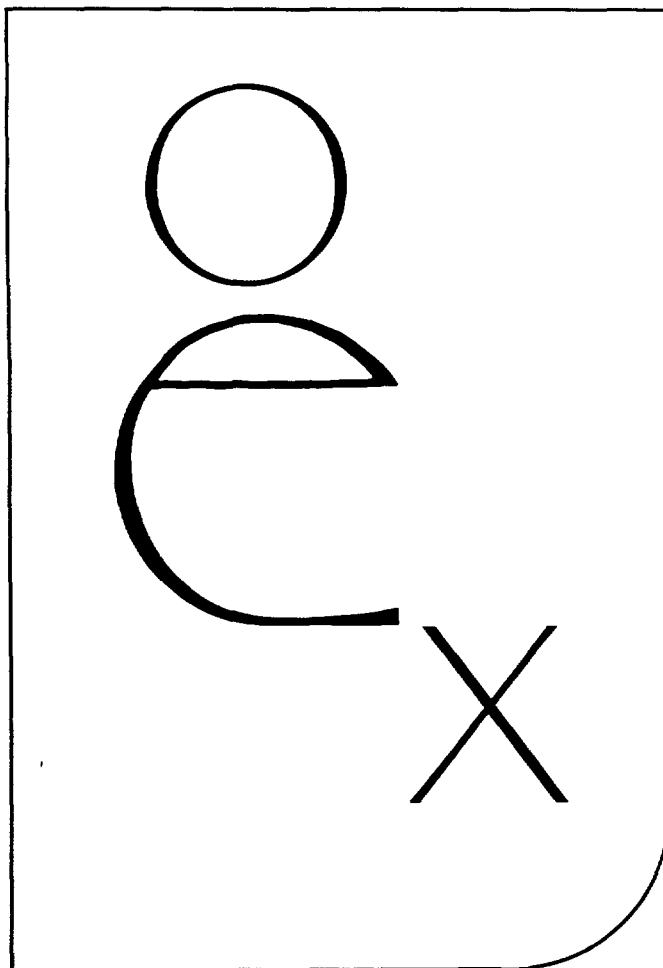


Vital Statistics of the United States, 1982

Life Tables

Volume II, Section 6



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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
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Section 6. Life Tables

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Guide to tables in section 6

		TABLE: 6	-1	-2	-3	-4	-5
		PAGE:	6	10	11	12	14
Years:							
1900-1982 -----							15
1982 only -----	1	2	3				
Specified years and 1982 -----					24		
Type of entry:							
Proportion of dying (${}_nq_x$) -----	1						
Number surviving (${}_nL_x$) -----	1	2			4		
Number dying (${}_nd_x$) -----	1						
Stationary population (${}_nL_x$ and T_x) -----	1						
Average remaining lifetime (\bar{e}_x) -----	1		3		4		
Average length of life (\bar{e}_0) -----							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

¹Entire United States for 1929-82; death-registration States for 1900-1928.

²Entire United States for specified years from 1929 to 1982; 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 1982 assumes a hypothetical cohort subject throughout its lifetime to the age-specific mortality rates prevailing for the actual population in 1982. 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 post-censal life table values, a series of abridged life tables was initiated in 1945. Available annually since that year, the abridged life tables are based on deaths occurring during the calendar year and on midyear postcensal population estimates provided by the U.S. Bureau of the Census. Refinements in both the techniques for estimating 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 1982 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 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.

LIFE TABLE VALUES

The data used to prepare the abridged U.S. life tables for 1982 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, and 1969–71, and 1982 are shown in tables 6–A and 6–C.

¹National 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.

²National 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.

SECTION 6 - LIFE TABLES - PAGE 2

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 1982

Life table value and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
Expectation of life:							
At birth							
1982 -----	74.6	71.5	78.8	66.8	75.0	64.9	73.5
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							
1982 -----	74.4	71.3	78.5	67.1	75.2	65.4	73.8
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							
1982 -----	56.0	53.0	59.9	48.8	56.8	47.2	55.4
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							
1982 -----	16.8	14.5	18.9	14.1	18.2	13.3	17.2
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

Expectation of life.—The most frequently used life table statistic is life expectancy (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 1982 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 1982 for the total population was 74.6 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, 78,111 out of the original life table cohort of 100,000 (or 78.1 percent) were alive at exact age 65 in 1982 (tables 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 1982 the median age at death for the total population was 78.1 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 1982. 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 1982 the black population constituted 82.0 percent of the population of all other races.

In 1982 white females had the highest life expectancy at birth, 78.8 years, followed by black females, 73.5 years, white males, 71.5 years, and black males, 64.9 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 for 1900-1970 and for 1982. 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 1982 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 (5.9 years) between 1969-71 and 1982, followed by males other than white, white males, and white females.

For 1982 the percent surviving from birth to age 65 years was greatest for white females (85.3 percent), followed by black females (74.5 percent), white males (73.7 percent), and black males (57.0 percent) (table 6-C).

Between 1969-71 and 1982 the increase in the per-

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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 1982

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1982-----	3.6	3.3	5.8	5.9
1959-61 to 1969-71-----	0.4	1.3	-0.5	2.6

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 1982

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1982-----	7.4	3.7	11.2	10.7
1959-61 to 1969-71-----	0.5	0.9	-1.8	5.3

cent 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 (11.2 percentage points) between 1969-71 and 1982, followed by males other than white, white males, and white females.

For 1982 white females had the highest median age at death (82.2 years), followed by black females (77.4 years), white males (74.8 years), and black males (68.1 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 1982 than the corresponding change in median age between 1959-61 and 1969-71. Among the race-sex groups, females other than white had the greatest increase (6.0 years) between 1969-71 and 1982, followed by males other than white, white males, and white females (table 6-E).

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 1982

Period	White		All other	
	Male	Female	Male	Female
1969-71 to 1982-----	3.3	2.7	5.1	6.0
1959-61 to 1969-71-----	0.1	1.0	-0.8	2.2

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

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 1982

Life table value and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
Percent surviving from birth:							
To age 1 year							
1982-----	98.8	98.9	99.1	98.1	98.4	97.8	98.2
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							
1982-----	97.9	97.7	98.5	96.8	97.7	96.5	97.4
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							
1982-----	78.1	73.7	85.3	60.8	76.8	57.0	74.5
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:							
1982-----	78.1	74.8	82.2	69.9	78.8	68.1	77.4
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

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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 (\bar{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

<i>Years</i>	<i>Race and sex groups</i>
1900–1945 -----	Total
1900–1947 -----	Male

³For 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.

<i>Years—Con.</i>	<i>Race and sex groups—Con.</i>
1900–1947 -----	Female
1900–1950 -----	White
1900–1944 -----	White male
1900–1944 -----	White female
1900–1950 -----	All other
1900–1944 -----	All other male
1900–1944 -----	All other female

POPULATION BASES FOR COMPUTING LIFE TABLES

The population used for computing life table values shown in this report (furnished by the U.S. Bureau of the Census) represents the resident population of the United States. The populations used for computing the 1982 life table values are estimated as of July 1, 1982⁴ and are based on the 1980 census levels. The 1980 census counts by race were modified to be consistent with Office of Management and Budget categories and historical categories for death data. The modification procedures are discussed in detail in a Bureau of the Census report.⁵

Life table values for 1971–79 have been revised, based on revised populations that are consistent with the 1980 census levels.⁵ These life table values may differ from those published in earlier reports.

SYMBOLS USED IN TABLES

Data not available -----	---
Category not applicable -----	...
Quantity zero -----	-
Quantity more than 0 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 -----	*

⁴U.S. Bureau of the Census: Estimates of the population of the United States, by age, sex, and race: 1980 to 1983. *Current Population Reports*. Series P-25, No. 949. Washington. U.S. Government Printing Office, May 1984.

⁵U.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, July 1982.

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 0.0086—out of every 1,000 males alive and exactly 20 years old 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, 98,720 will complete the first year of life and enter the second; 98,473 will begin the sixth year; 97,527 will reach age 20; and 19,505 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, 1,280 die in the first year of life, 247 in the succeeding 4 years, 839 in the 5-year period between exact ages 20 and 25, and 19,505 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 sta-

tionary 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 485,563. 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 485,563 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 5,119,738 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 7,085,401.

*Column 7—Average remaining lifetime (e'_x).—*The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. 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 485,563 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,527 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure (5,119,738) in column 6 is the total number of years lived after attaining age 20 by the 97,527 reaching that age. This number of years divided by the number of persons (5,119,738 divided by 97,527) gives 52.5 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.

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1982

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	n^d_x	nL_x	T_x	e_x
ALL RACES						
0-1	0.0115	100,000	1,155	98,999	7,455,187	74.6
1-5	0.0023	98,845	225	394,857	7,356,188	74.4
5-10	0.0014	98,620	140	492,724	6,961,331	70.6
10-15	0.0014	98,480	140	492,105	6,468,607	65.7
15-20	0.0043	98,340	424	490,738	5,976,502	60.8
20-25	0.0057	97,916	560	488,198	5,485,764	56.0
25-30	0.0059	97,356	577	485,337	4,997,566	51.3
30-35	0.0066	96,779	640	482,364	4,512,229	46.6
35-40	0.0084	96,139	804	478,814	4,029,865	41.9
40-45	0.0127	95,335	1,215	473,837	3,551,051	37.2
45-50	0.0208	94,120	1,958	466,011	3,077,214	32.7
50-55	0.0334	92,162	3,074	453,603	2,611,203	28.3
55-60	0.0508	89,088	4,528	434,735	2,157,600	24.2
60-65	0.0763	84,562	6,451	407,426	1,722,865	20.4
65-70	0.1131	78,111	8,831	369,338	1,315,439	16.8
70-75	0.1619	69,280	11,219	319,241	946,101	13.7
75-80	0.2330	58,061	13,529	256,955	626,860	10.8
80-85	0.3362	44,532	14,973	184,621	389,905	8.3
85 and over	1.0000	29,559	29,559	185,284	185,284	6.3
MALE						
0-1	0.0128	100,000	1,280	98,891	7,085,401	70.9
1-5	0.0025	98,720	247	394,312	6,986,510	70.8
5-10	0.0016	98,473	162	491,833	6,592,198	66.9
10-15	0.0018	98,311	173	491,205	6,100,265	62.1
15-20	0.0062	98,139	611	489,322	5,609,060	57.2
20-25	0.0086	97,527	839	485,563	5,119,738	52.5
25-30	0.0087	96,689	841	481,304	4,634,175	47.9
30-35	0.0093	95,847	894	477,077	4,152,671	43.3
35-40	0.0112	94,953	1,062	472,273	3,675,794	38.7
40-45	0.0165	93,891	1,547	465,844	3,203,521	34.1
45-50	0.0270	92,344	2,491	455,895	2,737,677	29.6
50-55	0.0438	89,853	3,932	440,072	2,281,782	25.4
55-60	0.0672	85,921	5,777	415,941	1,841,710	21.4
60-65	0.1012	80,144	8,114	381,288	1,425,769	17.8
65-70	0.1512	72,030	10,888	333,684	1,044,501	14.5
70-75	0.2156	61,142	13,180	273,194	710,817	11.6
75-80	0.3043	47,962	14,594	202,945	437,623	9.1
80-85	0.4155	33,368	13,863	130,706	243,678	7.0
85 and over	1.0000	19,505	19,505	103,972	103,972	5.3
FEMALE						
0-1	0.0102	100,000	1,023	99,113	7,819,882	78.2
1-5	0.0020	98,977	203	395,431	7,720,769	78.0
5-10	0.0012	98,774	116	493,556	7,325,338	74.2
10-15	0.0011	98,658	105	493,054	6,831,782	69.2
15-20	0.0023	98,553	229	492,232	6,338,728	64.3
20-25	0.0028	98,324	277	490,939	5,846,496	59.5
25-30	0.0032	98,047	309	489,488	5,355,557	54.6
30-35	0.0039	97,738	385	487,787	4,866,069	49.8
35-40	0.0056	97,353	547	485,491	4,378,282	45.0
40-45	0.0091	96,806	885	481,960	3,892,791	40.2
45-50	0.0149	95,921	1,432	476,236	3,410,831	35.6
50-55	0.0236	94,489	2,230	467,186	2,934,595	31.1
55-60	0.0359	92,259	3,316	453,440	2,467,409	26.7
60-65	0.0543	88,943	4,828	433,304	2,013,969	22.6
65-70	0.0813	84,115	6,839	404,444	1,580,665	18.8
70-75	0.1210	77,276	9,349	364,261	1,176,221	15.2
75-80	0.1849	67,927	12,561	309,415	811,960	12.0
80-85	0.2906	55,366	16,091	236,809	502,545	9.1
85 and over	1.0000	39,275	39,275	265,736	265,736	6.8

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1982—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	n^d_x	n^L_x	T_x	e_x
WHITE						
0-1	0.0101	100,000	1,010	99,123	7,514,083	75.1
1-5	0.0021	98,990	207	395,484	7,414,960	74.9
5-10	0.0013	98,783	131	493,565	7,019,476	71.1
10-15	0.0014	98,652	135	492,975	6,525,911	66.2
15-20	0.0043	98,517	427	491,609	6,032,936	61.2
20-25	0.0054	98,090	534	489,119	5,541,327	56.5
25-30	0.0053	97,556	518	486,476	5,052,208	51.8
30-35	0.0057	97,038	554	483,864	4,565,732	47.1
35-40	0.0073	96,484	706	480,780	4,081,868	42.3
40-45	0.0113	95,778	1,083	476,382	3,601,088	37.6
45-50	0.0187	94,695	1,775	469,340	3,124,706	33.0
50-55	0.0309	92,920	2,868	457,910	2,655,366	28.6
55-60	0.0479	90,052	4,313	440,097	2,197,456	24.4
60-65	0.0730	85,739	6,257	413,808	1,757,359	20.5
65-70	0.1101	79,482	8,754	376,443	1,343,551	16.9
70-75	0.1594	70,728	11,274	326,444	967,108	13.7
75-80	0.2324	59,454	13,817	263,313	640,664	10.8
80-85	0.3366	45,637	15,362	189,202	377,351	8.3
85 and over	1.0000	30,275	30,275	188,149	188,149	6.2
WHITE, MALE						
0-1	0.0113	100,000	1,126	99,022	7,149,935	71.5
1-5	0.0023	98,874	228	394,976	7,050,913	71.3
5-10	0.0015	98,646	152	492,827	6,655,937	67.5
10-15	0.0017	98,494	168	492,131	6,163,110	62.6
15-20	0.0063	98,326	615	490,244	5,670,979	57.7
20-25	0.0082	97,711	802	486,558	5,180,735	53.0
25-30	0.0078	96,909	756	482,611	4,694,177	48.4
30-35	0.0080	96,153	771	478,903	4,211,566	43.8
35-40	0.0097	95,382	926	474,755	3,732,663	39.1
40-45	0.0145	94,456	1,374	469,101	3,257,908	34.5
45-50	0.0242	93,082	2,255	460,170	2,788,807	30.0
50-55	0.0405	90,827	3,682	445,574	2,328,837	25.6
55-60	0.0636	87,145	5,540	422,676	1,883,063	21.6
60-65	0.0973	81,605	7,937	389,049	1,460,387	17.9
65-70	0.1478	73,668	10,887	341,933	1,071,338	14.5
70-75	0.2134	62,781	13,400	280,914	729,405	11.6
75-80	0.3053	49,381	15,075	208,903	448,491	9.1
80-85	0.4183	34,306	14,352	134,144	239,588	7.0
85 and over	1.0000	19,954	19,954	105,444	105,444	5.3
WHITE, FEMALE						
0-1	0.0089	100,000	888	99,231	7,875,084	78.8
1-5	0.0019	99,112	185	396,019	7,775,853	78.5
5-10	0.0011	98,927	108	494,343	7,379,834	74.6
10-15	0.0010	98,819	102	493,863	6,885,491	69.7
15-20	0.0023	98,717	228	493,051	6,391,828	64.7
20-25	0.0026	98,489	259	491,804	5,898,577	59.9
25-30	0.0028	98,230	271	490,492	5,406,773	55.0
30-35	0.0034	97,959	332	489,015	4,916,281	50.2
35-40	0.0049	97,627	481	487,021	4,427,266	45.3
40-45	0.0081	97,146	789	483,900	3,940,245	40.6
45-50	0.0134	96,357	1,292	478,761	3,456,345	35.9
50-55	0.0216	95,065	2,051	470,509	2,977,584	31.3
55-60	0.0335	93,014	3,113	457,717	2,507,075	27.0
60-65	0.0513	89,901	4,612	438,629	2,049,358	22.8
65-70	0.0783	85,289	6,681	410,771	1,610,729	18.9
70-75	0.1179	78,608	9,271	371,236	1,199,958	15.3
75-80	0.1831	69,337	12,697	316,256	828,722	12.0
80-85	0.2899	56,640	16,419	242,420	512,466	9.0
85 and over	1.0000	40,221	40,221	270,046	270,046	6.7

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1982—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	n^d_x	nL_x	T_x	e_x^o
ALL OTHER						
0-1	0.0173	100,000	1,733	98,504	7,096,776	71.0
1-5	0.0031	98,267	301	392,348	6,998,272	71.2
5-10	0.0018	97,966	180	489,335	6,605,924	67.4
10-15	0.0016	97,786	158	488,596	6,116,589	62.6
15-20	0.0043	97,628	415	487,230	5,627,993	57.6
20-25	0.0072	97,213	700	484,400	5,140,763	52.9
25-30	0.0093	96,513	902	480,356	4,656,363	48.2
30-35	0.0118	95,611	1,126	475,355	4,176,007	43.7
35-40	0.0153	94,485	1,443	469,001	3,700,642	39.2
40-45	0.0218	93,042	2,028	460,377	3,231,641	34.7
45-50	0.0342	91,014	3,113	447,629	2,771,264	30.4
50-55	0.0516	87,901	4,539	428,609	2,323,635	26.4
55-60	0.0738	83,362	6,155	401,939	1,895,026	22.7
60-65	0.1049	77,207	8,097	366,362	1,493,087	19.3
65-70	0.1393	69,110	9,629	321,931	1,126,725	16.3
70-75	0.1847	59,481	10,968	270,129	804,794	13.5
75-80	0.2390	48,493	11,590	212,869	534,665	11.0
80-85	0.3314	36,903	12,228	152,835	321,796	8.7
85 and over	1.0000	24,675	24,675	168,961	168,961	6.8
ALL OTHER, MALE						
0-1	0.0190	100,000	1,900	98,368	6,678,654	66.8
1-5	0.0033	98,100	328	391,624	6,580,286	67.1
5-10	0.0021	97,772	207	488,298	6,188,662	63.3
10-15	0.0020	97,565	197	487,425	5,700,364	58.4
15-20	0.0061	97,368	593	485,581	5,212,939	53.5
20-25	0.0108	96,775	1,042	481,406	4,727,378	48.8
25-30	0.0140	95,733	1,336	475,348	4,245,972	44.4
30-35	0.0174	94,397	1,645	468,009	3,770,624	39.9
35-40	0.0216	92,752	2,004	458,972	3,302,615	35.6
40-45	0.0296	90,748	2,682	447,312	2,843,643	31.3
45-50	0.0463	88,066	4,073	430,550	2,396,331	27.2
50-55	0.0694	83,993	5,828	405,931	1,965,781	23.4
55-60	0.0980	78,165	7,657	372,204	1,559,850	20.0
60-65	0.1370	70,508	9,660	328,855	1,187,646	16.8
65-70	0.1823	60,848	11,094	276,791	858,791	14.1
70-75	0.2346	49,754	11,671	219,504	582,000	11.7
75-80	0.2946	38,083	11,219	161,352	362,496	9.5
80-85	0.3898	26,864	10,472	106,712	201,144	7.5
85 and over	1.0000	16,392	16,392	94,432	94,432	5.8
ALL OTHER, FEMALE						
0-1	0.0156	100,000	1,560	98,645	7,503,845	75.0
1-5	0.0028	98,440	273	393,098	7,405,200	75.2
5-10	0.0015	98,167	152	490,412	7,012,102	71.4
10-15	0.0012	98,015	119	489,810	6,521,690	66.5
15-20	0.0024	97,896	233	488,957	6,031,880	61.6
20-25	0.0038	97,663	369	487,440	5,542,923	56.8
25-30	0.0052	97,294	504	485,271	5,055,483	52.0
30-35	0.0068	96,790	661	482,405	4,570,212	47.2
35-40	0.0098	96,129	944	478,429	4,087,807	42.5
40-45	0.0151	95,185	1,438	472,517	3,609,378	37.9
45-50	0.0241	93,747	2,256	463,362	3,136,861	33.5
50-55	0.0371	91,491	3,396	449,322	2,673,499	29.2
55-60	0.0541	88,095	4,764	429,040	2,224,177	25.2
60-65	0.0784	83,331	6,536	400,954	1,795,137	21.5
65-70	0.1058	76,795	8,125	364,229	1,394,183	18.2
70-75	0.1466	68,670	10,067	318,593	1,029,954	15.0
75-80	0.1995	58,603	11,693	263,571	711,361	12.1
80-85	0.2939	46,910	13,787	199,403	447,790	9.5
85 and over	1.0000	33,123	33,123	248,387	248,387	7.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1982—Con.

Age interval Period of life between two exact ages stated in years, race, and sex (1)	Proportion dying Proportion of persons alive at beginning of age interval dying during interval (2)	Of 100,000 born alive		Stationary population		Average remaining lifetime
		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 -----	0.0197	100,000	1,968	98,296	6,925,838	69.3
1-5 -----	0.0033	98,032	326	391,347	6,827,542	69.6
5-10 -----	0.0020	97,706	195	487,983	6,436,195	65.9
10-15 -----	0.0017	97,511	168	487,199	5,948,202	61.0
15-20 -----	0.0043	97,343	417	485,805	5,461,003	56.1
20-25 -----	0.0076	96,926	739	482,881	4,975,198	51.3
25-30 -----	0.0105	96,187	1,010	478,463	4,492,317	46.7
30-35 -----	0.0137	95,177	1,304	472,771	4,013,854	42.2
35-40 -----	0.0179	93,873	1,683	465,373	3,541,083	37.7
40-45 -----	0.0253	92,190	2,332	455,387	3,075,710	33.4
45-50 -----	0.0389	89,858	3,492	440,926	2,620,323	29.2
50-55 -----	0.0582	86,366	5,028	419,735	2,179,397	25.2
55-60 -----	0.0825	81,338	6,712	390,452	1,759,662	21.6
60-65 -----	0.1155	74,626	8,616	352,158	1,369,210	18.3
65-70 -----	0.1515	66,010	9,999	305,481	1,017,052	15.4
70-75 -----	0.1985	56,011	11,118	252,401	711,571	12.7
75-80 -----	0.2528	44,893	11,351	195,408	459,170	10.2
80-85 -----	0.3502	33,542	11,747	137,212	263,762	7.9
85 and over -----	1.0000	21,795	21,795	126,550	126,550	5.8
BLACK, MALE						
0-1 -----	0.0216	100,000	2,159	98,139	6,494,155	64.9
1-5 -----	0.0036	97,841	356	390,521	6,396,016	65.4
5-10 -----	0.0023	97,485	224	486,814	6,005,495	61.6
10-15 -----	0.0022	97,261	210	485,877	5,518,681	56.7
15-20 -----	0.0062	97,051	597	483,973	5,032,804	51.9
20-25 -----	0.0115	96,454	1,112	479,649	4,548,831	47.2
25-30 -----	0.0158	95,342	1,504	472,979	4,069,182	42.7
30-35 -----	0.0204	93,838	1,914	464,561	3,596,203	38.3
35-40 -----	0.0257	91,924	2,363	453,964	3,131,642	34.1
40-45 -----	0.0350	89,561	3,132	440,289	2,677,678	29.9
45-50 -----	0.0533	86,429	4,607	421,064	2,237,389	25.9
50-55 -----	0.0785	81,822	6,424	393,609	1,816,325	22.2
55-60 -----	0.1102	75,398	8,310	356,760	1,422,716	18.9
60-65 -----	0.1510	67,088	10,132	310,541	1,065,956	15.9
65-70 -----	0.1992	56,956	11,343	256,629	755,415	13.3
70-75 -----	0.2552	45,613	11,639	198,773	498,786	10.9
75-80 -----	0.3123	33,974	10,610	142,328	300,013	8.8
80-85 -----	0.4105	23,364	9,590	91,508	157,685	6.7
85 and over -----	1.0000	13,774	13,774	66,177	66,177	4.8
BLACK, FEMALE						
0-1 -----	0.0177	100,000	1,771	98,457	7,348,234	73.5
1-5 -----	0.0030	98,229	294	392,203	7,249,777	73.8
5-10 -----	0.0017	97,935	165	489,215	6,857,574	70.0
10-15 -----	0.0013	97,770	125	488,570	6,368,359	65.1
15-20 -----	0.0024	97,645	235	487,696	5,879,789	60.2
20-25 -----	0.0039	97,410	384	486,141	5,392,093	55.4
25-30 -----	0.0058	97,026	559	483,800	4,905,952	50.6
30-35 -----	0.0079	96,467	757	480,566	4,422,152	45.8
35-40 -----	0.0113	95,710	1,086	476,004	3,941,586	41.2
40-45 -----	0.0173	94,624	1,633	469,246	3,465,582	36.6
45-50 -----	0.0270	92,991	2,507	458,970	2,996,336	32.2
50-55 -----	0.0417	90,484	3,769	443,376	2,537,366	28.0
55-60 -----	0.0600	86,715	5,201	421,078	2,093,990	24.1
60-65 -----	0.0866	81,514	7,055	390,603	1,672,912	20.5
65-70 -----	0.1149	74,459	8,554	351,489	1,282,309	17.2
70-75 -----	0.1570	65,905	10,344	304,057	930,820	14.1
75-80 -----	0.2118	55,561	11,766	248,095	626,763	11.3
80-85 -----	0.3127	43,795	13,695	183,953	378,668	8.6
85 and over -----	1.0000	30,100	30,100	194,715	194,715	6.5

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Table 6-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Race and Sex: United States, 1982

Age	All races			White			All other						
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black			
							Both sexes	Male	Female	Both sexes	Male	Female	
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,845	98,720	98,977	98,990	98,874	99,112	98,267	98,100	98,440	98,032	97,841	98,229	98,229
2	98,768	98,634	98,907	98,918	98,793	99,050	98,168	97,992	98,351	97,926	97,726	98,134	98,134
3	98,708	98,569	98,854	98,863	98,733	99,000	98,087	97,905	98,277	97,839	97,631	98,055	98,055
4	98,660	98,517	98,810	98,819	98,686	98,860	98,021	97,833	98,217	97,767	97,552	97,989	97,989
5	98,620	98,473	98,774	98,783	98,646	98,927	97,966	97,772	98,167	97,706	97,485	97,955	97,955
6	98,585	98,434	98,744	98,751	98,610	98,900	97,919	97,719	98,126	97,655	97,427	97,890	97,890
7	98,554	98,398	98,718	98,722	98,576	98,878	97,879	97,673	98,091	97,611	97,377	97,853	97,853
8	98,528	98,365	98,696	98,696	98,545	98,855	97,844	97,632	98,062	97,573	97,339	97,821	97,821
9	98,501	98,336	98,676	98,672	98,517	98,836	97,813	97,596	98,037	97,540	97,295	97,794	97,794
10	98,480	98,311	98,658	98,652	98,494	98,819	97,786	97,565	98,015	97,511	97,261	97,770	97,770
11	98,461	98,290	98,641	98,634	98,475	98,803	97,761	97,537	97,994	97,484	97,230	97,747	97,747
12	98,442	98,270	98,624	98,617	98,456	98,787	97,737	97,509	97,973	97,457	97,198	97,725	97,725
13	98,419	98,243	98,605	98,595	98,430	98,769	97,709	97,475	97,951	97,427	97,161	97,701	97,701
14	98,386	98,201	98,582	98,563	98,399	98,746	97,674	97,430	97,926	97,390	97,114	97,675	97,675
15	98,340	98,136	98,553	98,517	98,326	98,717	97,628	97,366	97,896	97,343	97,051	97,645	97,645
16	98,278	98,051	98,517	98,454	98,239	98,711	97,570	97,287	97,861	97,285	96,971	97,509	97,509
17	98,202	97,943	98,475	98,376	98,129	98,638	97,499	97,186	97,820	97,214	96,872	97,568	97,568
18	98,114	97,816	98,427	98,287	98,000	98,615	97,415	97,069	97,773	97,131	96,753	97,521	97,521
19	98,017	97,676	98,376	98,190	97,859	98,540	97,320	96,931	97,721	97,035	96,614	97,468	97,468
20	97,916	97,527	98,324	98,090	97,711	98,489	97,213	96,775	97,663	96,928	96,454	97,410	97,410
21	97,810	97,370	98,271	97,987	97,557	98,438	97,094	96,600	97,600	96,804	96,271	97,346	97,346
22	97,700	97,204	98,217	97,880	97,397	98,386	96,963	96,405	97,531	96,668	96,066	97,276	97,276
23	97,588	97,033	98,162	97,772	97,233	98,334	96,821	96,193	97,457	96,519	95,841	97,199	97,199
24	97,471	96,860	98,105	97,663	97,070	98,282	96,671	95,968	97,378	96,358	95,599	97,129	97,129
25	97,356	96,688	98,047	97,556	96,909	98,230	96,513	95,733	97,294	96,187	95,342	97,026	97,026
26	97,241	96,518	97,988	97,451	96,753	98,178	96,348	95,488	97,204	96,007	95,071	96,929	96,929
27	97,127	96,350	97,928	97,347	96,600	98,125	96,176	95,232	97,108	95,816	94,786	96,824	96,824
28	97,013	96,183	97,867	97,244	96,450	98,071	95,986	94,966	97,007	95,614	94,488	96,712	96,712
29	96,897	96,016	97,804	97,141	96,302	98,016	95,808	94,688	96,901	95,401	94,170	96,593	96,593
30	96,779	95,847	97,738	97,038	96,153	97,959	95,611	94,387	96,790	95,177	93,838	96,467	96,467
31	96,658	95,675	97,669	96,933	96,003	97,900	95,405	94,093	96,673	94,841	93,468	96,334	96,334
32	96,534	95,500	97,597	96,826	95,852	97,838	95,190	93,776	96,549	94,693	93,121	96,193	96,193
33	96,406	95,321	97,520	96,716	95,698	97,772	94,965	93,448	96,418	94,432	92,737	96,043	96,043
34	96,275	95,139	97,439	96,602	95,542	97,702	94,730	93,105	96,278	94,159	92,338	95,882	95,882
35	96,139	94,953	97,353	96,484	95,382	97,627	94,485	92,752	96,129	93,873	91,924	95,710	95,710
36	95,997	94,761	97,261	96,361	95,217	97,547	94,228	92,386	95,968	93,573	91,493	95,525	95,525
37	95,848	94,562	97,162	96,230	95,044	97,460	93,957	92,004	95,795	93,256	91,043	95,325	95,325
38	95,689	94,353	97,054	96,091	94,861	97,365	93,670	91,605	95,608	92,921	90,573	95,109	95,109
39	95,519	94,130	96,936	95,941	94,666	97,261	93,366	91,187	95,405	92,567	90,080	94,876	94,876
40	95,335	93,891	96,806	95,778	94,456	97,146	93,042	90,748	95,185	92,190	89,561	94,624	94,624
41	95,134	93,633	96,662	95,600	94,229	97,018	92,697	90,285	94,946	91,789	89,015	94,350	94,350
42	94,915	93,353	96,503	95,405	93,982	96,877	92,327	89,794	94,686	91,361	88,438	94,053	94,053
43	94,675	93,048	96,328	95,191	93,711	96,721	91,927	89,267	94,401	90,901	87,821	93,729	93,729
44	94,411	92,713	96,134	94,955	93,412	96,548	91,491	88,694	94,089	90,402	87,154	93,376	93,376
45	94,120	92,344	95,921	94,695	93,082	96,357	91,014	88,066	93,747	89,858	86,429	92,991	92,991
46	93,799	91,937	95,686	94,407	92,718	96,146	90,492	87,379	93,372	89,266	85,642	92,572	92,572
47	93,448	91,489	95,427	94,090	92,316	95,913	89,922	86,631	92,962	88,625	84,790	92,116	92,116
48	93,058	90,995	95,143	93,739	91,871	95,657	89,302	85,819	92,514	87,930	83,671	91,619	91,619
49	92,631	90,451	94,831	93,350	91,376	95,375	88,629	84,940	92,024	87,178	82,882	91,076	91,076
50	92,162	89,853	94,489	92,920	90,827	95,065	87,901	83,993	91,481	86,366	81,822	90,484	90,484
51	91,647	89,196	94,115	92,445	90,219	94,724	87,115	82,973	90,911	85,491	80,688	89,839	89,839
52	91,084	88,476	93,707	91,923	89,550	94,351	86,268	81,879	90,284	84,550	79,479	89,139	89,139
53	90,471	87,692	93,263	91,351	88,816	93,943	85,360	80,712	89,603	83,544	78,194	88,384	88,384
54	89,806	86,841	92,781	90,728	88,015	93,498	84,392	79,474	88,874	82,473	76,834	87,576	87,576
55	89,088	85,921	92,259	90,052	87,145	93,014	83,362	78,165	88,095	81,338	75,398	86,715	86,715
56	88,313	84,928	91,684	89,319	86,201	92,489	82,271	76,786	87,264	80,138	73,888	85,802	85,802
57	87,477	83,859	91,084	88,525	85,180	91,918	81,117	75,336	86,379	78,873	72,303	84,833	84,833
58	86,576	82,708	90,425	87,667	84,077	91,299	79,893	73,810	85,433	77,536	70,643	83,801	83,801
59	85,606	81,471	89,712	86,740	82,887	90,628	78,591	72,202	84,419	76,122	68,905	82,697	82,697
60	84,562	80,144	88,943	85,739	81,605	89,901	77,207	70,508	83,331	74,626	67,088	81,514	81,514
61	83,442	78,725	88,113	84,562	80,229	89,116	75,738	68,727	82,165	73,046	65,195	80,247	80,247
62	82,242	77,212	87,220	83,505	78,757	88,267	74,186	66,885	80,922	71,386	63,230	78,900	78,900
63	80,958	75,597	86,259	82,261	77,179	87,350	72,558	64,926	79,608	69,654	61,197	77,479	77,479
64	79,582	73,872	85,225	80,922	75,485	86,359	70,864	62,918	78,230	67,859	59,104	75,996	75,996
65	78,111	72,030	84,115	79,482	73,868	85,289	69,110	60,848	76,795	66,010	56,956	74,458	74,458
66	76,541	70,071	82,924	77,938	71,725	84,135	67,300	58,720	75,304	64,111	54,760	72,872	72,872
67	74,871	67,987	81,647	76,288	69,660	82,892	65,434	56,540	73,704	62,183	52,521	71,231	71,231
68	73,103	65,813	80,282	74,535	67,476	81,558	63,511	54,314	72,138	60,186	50,245	69,529	69,529
69	71,239	63,526	78,826	72,661	65,181	80,131	61,527	52,049	70,446	58,115	47,940	67,756	67,756
70	69,280	61,142	77,276	70,728	62,781	78,608	59,481	49,754	68,670	56,011	45,613	65,905	65,905
71	67,228	59,689	75,626	68,676	60,284	76,985	57,373	47,433	66,808	53,853	43,268	63,973	63,973
72	65,063	56,112	73,877	66,531	57,695	75,257	55,208	45,093	64,861	51,648	40,913	61,963	61,963
73	62,842	53,473	72,016	64,281	55,014	73,414	52,997	42,746	62,838	49,409	38,566	59,884	59,884
74	60,502	50,755	70,035	61,923	52,241	71,444	50,755	40,406	60,749	47,153	36,248	57,747	57,747
75	58,061	47,962	67,927	59,454	49,381	69,337	48,493	38,083	58,603	44,893	33,974	55,561	55,561
76	55,523	45,105	65,686	56,875	46,444	67,088	46,215	35,784	56,401	42,634	31,753	53,327	53,327
77	52,893	42,198	63,311	54,194	43,446	64,694	43,921						

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1982

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
0	74.6	70.9	78.2	75.1	71.5	78.8	71.0	66.8	75.0	69.3	64.9	73.5
1	74.4	70.8	78.0	74.9	71.3	78.5	71.2	67.1	75.2	69.6	65.4	73.8
2	73.5	69.8	77.1	74.0	70.4	77.5	70.3	66.2	74.3	68.7	64.4	72.9
3	72.5	68.9	76.1	73.0	69.4	76.5	69.3	65.2	73.3	67.8	63.5	71.9
4	71.6	67.9	75.1	72.0	68.4	75.6	68.4	64.3	72.4	66.8	62.6	71.0
5	70.6	66.9	74.2	71.1	67.5	74.6	67.4	63.3	71.4	65.9	61.6	70.0
6	69.6	66.0	73.2	70.1	66.5	73.6	66.5	62.3	70.5	64.9	60.6	69.1
7	68.6	65.0	72.2	69.1	65.5	72.6	65.5	61.4	69.5	63.9	59.7	68.1
8	67.7	64.0	71.2	68.1	64.5	71.7	64.5	60.4	68.5	63.0	58.7	67.1
9	66.7	63.0	70.2	67.1	63.6	70.7	63.5	59.4	67.5	62.0	57.7	66.1
10	65.7	62.1	69.2	66.2	62.6	69.7	62.6	58.4	66.5	61.0	56.7	65.1
11	64.7	61.1	68.3	65.2	61.6	68.7	61.6	57.4	65.6	60.0	55.8	64.2
12	63.7	60.1	67.3	64.2	60.6	67.7	60.6	56.6	64.6	59.0	54.8	63.2
13	62.7	59.1	66.3	63.2	59.6	66.7	59.6	55.5	63.6	58.1	53.8	62.2
14	61.7	58.1	65.3	62.2	58.6	65.7	58.6	54.5	62.6	57.1	52.8	61.2
15	60.8	57.2	64.3	61.2	57.7	64.7	57.6	53.5	61.6	56.1	51.9	60.2
16	59.8	56.2	63.3	60.3	56.7	63.8	56.7	52.6	60.6	55.1	50.9	59.2
17	58.9	55.3	62.4	59.3	55.8	62.8	55.7	51.6	59.7	54.2	50.0	58.3
18	57.9	54.3	61.4	58.4	54.9	61.8	54.8	50.7	58.7	53.2	49.0	57.3
19	57.0	53.4	60.4	57.4	53.9	60.9	53.8	49.8	57.7	52.3	48.1	56.3
20	56.0	52.5	59.5	56.5	53.0	59.9	52.9	48.8	56.8	51.3	47.2	55.4
21	55.1	51.6	58.5	55.6	52.1	58.9	51.9	47.9	55.8	50.4	46.2	54.4
22	54.1	50.7	57.5	54.6	51.2	58.0	51.0	47.0	54.8	49.5	45.3	53.4
23	53.2	49.8	56.6	53.7	50.3	57.0	50.1	46.1	53.9	48.5	44.5	52.5
24	52.3	48.8	55.6	52.7	49.4	56.0	49.2	45.2	52.9	47.6	43.6	51.5
25	51.3	47.9	54.6	51.8	48.4	55.0	48.2	44.4	52.0	46.7	42.7	50.6
26	50.4	47.0	53.7	50.8	47.5	54.1	47.3	43.5	51.0	45.8	41.8	49.6
27	49.5	46.1	52.7	49.9	46.6	53.1	46.4	42.6	50.1	44.9	40.9	48.7
28	48.5	45.2	51.7	48.9	45.7	52.1	45.5	41.7	49.1	44.0	40.1	47.7
29	47.6	44.3	50.8	48.0	44.7	51.2	44.6	40.8	48.2	43.1	39.2	46.8
30	46.6	43.3	49.8	47.1	43.8	50.2	43.7	39.9	47.2	42.2	38.3	45.8
31	45.7	42.4	48.8	46.1	42.9	49.2	42.8	39.1	46.3	41.3	37.5	44.9
32	44.7	41.5	47.9	45.2	41.9	48.2	41.9	38.2	45.3	40.4	36.6	44.0
33	43.8	40.6	46.9	44.2	41.0	47.3	41.0	37.3	44.4	39.5	35.8	43.0
34	42.9	39.6	45.9	43.3	40.1	46.3	40.1	36.5	43.5	38.6	34.9	42.1
35	41.9	38.7	45.0	42.3	39.1	45.3	39.2	35.6	42.5	37.7	34.1	41.2
36	41.0	37.8	44.0	41.4	38.2	44.4	38.3	34.7	41.6	36.8	33.2	40.3
37	40.0	36.9	43.1	40.4	37.3	43.4	37.4	33.9	40.7	36.0	32.4	39.3
38	39.1	35.9	42.1	39.5	36.3	42.5	36.5	33.0	39.7	35.1	31.6	38.4
39	38.2	35.0	41.2	38.5	35.4	41.5	35.6	32.2	38.8	34.2	30.7	37.5
40	37.2	34.1	40.2	37.6	34.5	40.6	34.7	31.3	37.9	33.4	29.9	36.6
41	36.3	33.2	39.3	36.7	33.6	39.6	33.9	30.5	37.0	32.5	29.1	35.7
42	35.4	32.3	38.3	35.7	32.7	38.7	33.0	29.7	36.1	31.7	28.3	34.8
43	34.5	31.4	37.4	34.8	31.8	37.8	32.1	28.8	35.2	30.8	27.5	34.0
44	33.6	30.5	36.5	33.9	30.9	36.9	31.3	28.0	34.3	30.0	26.7	33.1
45	32.7	29.6	35.6	33.0	30.0	35.9	30.4	27.2	33.5	29.2	25.9	32.2
46	31.8	28.8	34.6	32.1	29.1	34.9	29.6	26.4	32.6	28.4	25.1	31.4
47	30.9	27.9	33.7	31.2	28.2	34.0	28.8	25.6	31.7	27.6	24.4	30.5
48	30.1	27.1	32.8	30.3	27.3	33.1	28.0	24.9	30.9	26.8	23.6	29.7
49	29.2	26.2	31.9	29.4	26.5	32.2	27.2	24.1	30.0	26.0	22.9	28.9
50	28.3	25.4	31.1	28.6	25.6	31.3	26.4	23.4	29.2	25.2	22.2	28.0
51	27.5	24.6	30.2	27.7	24.8	30.4	25.7	22.7	28.4	24.5	21.5	27.2
52	26.7	23.8	29.3	26.9	24.0	29.6	24.9	22.0	27.6	23.8	20.8	26.5
53	25.8	23.0	28.4	26.0	23.2	28.7	24.2	21.3	26.8	23.0	20.2	25.7
54	25.0	22.2	27.6	25.2	22.4	27.8	23.4	20.6	26.0	22.3	19.5	24.9
55	24.2	21.4	26.7	24.4	21.6	27.0	22.7	20.0	25.2	21.6	18.9	24.1
56	23.4	20.7	25.9	23.6	20.8	26.1	22.0	19.3	24.5	21.0	18.2	23.4
57	22.6	19.9	25.1	22.8	20.1	25.3	21.3	18.7	23.7	20.3	17.6	22.7
58	21.9	19.2	24.3	22.0	19.3	24.4	20.7	18.0	23.0	19.6	17.0	21.9
59	21.1	18.5	23.4	21.3	18.6	23.6	20.0	17.4	22.3	19.0	16.5	21.2
60	20.4	17.8	22.6	20.5	17.9	22.8	19.3	16.8	21.5	18.3	15.9	20.5
61	19.6	17.1	21.9	19.8	17.2	22.0	18.7	16.3	20.8	17.7	15.3	19.8
62	18.9	16.4	21.1	19.0	16.5	21.2	18.1	15.7	20.2	17.1	14.8	19.2
63	18.2	15.8	20.3	18.3	15.8	20.4	17.5	15.2	19.5	16.5	14.3	18.5
64	17.5	15.1	19.5	17.6	15.2	19.6	16.9	14.6	18.8	16.0	13.8	17.9
65	16.8	14.5	18.8	16.9	14.5	18.9	16.3	14.1	18.2	15.4	13.3	17.2
66	16.2	13.9	18.1	16.2	13.9	18.1	15.7	13.6	17.5	14.8	12.8	16.6
67	15.5	13.3	17.3	15.6	13.3	17.4	15.2	13.1	16.9	14.3	12.3	16.0
68	14.9	12.7	16.6	14.9	12.7	16.7	14.6	12.6	16.2	13.8	11.8	15.3
69	14.3	12.2	15.9	14.3	12.2	16.0	14.1	12.2	15.6	13.2	11.4	14.7
70	13.7	11.6	15.2	13.7	11.6	15.3	13.5	11.7	15.0	12.7	10.9	14.1
71	13.1	11.1	14.5	13.1	11.1	14.6	13.0	11.2	14.4	12.2	10.5	13.5
72	12.5	10.6	13.9	12.5	10.6	13.9	12.5	10.8	13.8	11.7	10.1	13.0
73	11.9	10.1	13.2	11.9	10.0	13.2	12.0	10.4	13.3	11.2	9.7	12.4
74	11.3	9.6	12.6	11.3	9.6	12.6	11.5	9.9	12.7	10.7	9.2	11.8
75	10.8	9.1	12.0	10.8	9.1	12.0	11.0	9.5	12.1	10.2	8.8	11.3
76	10.3	8.7	11.3	10.2	8.6	11.3	10.5	9.1	11.6	9.7	8.4	10.7
77	9.8	8.2	10.8	9.7	8.2	10.7	10.1	8.7	11.1	9.3	8.0	10.2
78	9.3	7.8	10.2	9.2	7.8	10.2	9.6	8.3	10.5	8.8	7.6	9.7
79	8.8	7.4	9.6	8.7	7.4	9.6	9.2	7.9	10.0	8.3	7.2	9.2
80	8.3	7.0	9.1	8.3	7.0	9.0	8.7	7.5	9.5	7.9	6.7	8.6
81	7.9	6.7	8.6	7.8	6.6	8.5	8.3	7.1	9.1	7.4	6.3	8.2
82	7.4	6.3	8.1	7.4	6.3	8.0	7.9	6.7	8.6	7.0	5.9	7.7
83	7.0	6.0	7.6	7.0	5.9	7.6	7.5	6.4	8.2	6.6	5.5	7.3
84	6.6	5.6	7.2	6.6	5.6	7.1	7.2	6.1	7.8	6.2	5.2	6.8
85	6.3	5.3	6.8	6.2	5.3	6.7	6.8	5.8	7.5	5.8	4.8	6.5

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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 1982

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

Age, race, and sex	Number of survivors out of 100,000 born alive (<i>l_x</i>)								
	1982	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
1	98,874	97,994	97,408	96,931	95,188	93,768	91,975	87,874	86,655
5	98,646	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,494	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,326	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	97,711	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	96,909	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	96,153	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,362	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,456	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,082	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,369
50	90,827	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	87,145	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	81,605	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	73,666	66,343	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70	62,781	54,136	53,525	51,735	46,739	41,880	40,873	31,527	30,640
75	49,381	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	34,306	25,865	25,993	24,005	20,850	17,221	17,655	12,160	12,266
85	19,954	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	98,100	96,592	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5	97,772	96,036	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10	97,565	95,716	94,234	93,453	89,211	87,311	83,768	66,377	61,730
15	97,368	95,365	93,674	92,965	88,417	86,152	82,332	64,478	59,667
20	96,775	94,293	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25	95,733	92,267	91,825	90,285	84,055	79,516	74,540	57,736	53,285
30	94,397	90,106	90,270	88,327	80,865	75,083	70,344	54,073	49,867
35	92,752	87,597	88,331	85,940	77,185	70,049	65,873	49,865	46,541
40	90,748	84,378	85,744	82,832	72,830	64,710	61,353	45,414	42,989
45	88,066	80,163	82,075	78,686	67,514	58,432	55,589	40,563	39,230
50	83,993	74,748	77,239	72,891	60,766	51,748	51,880	35,427	34,766
55	78,165	67,808	70,361	65,122	52,867	44,436	46,581	29,754	29,987
60	70,508	59,396	61,669	55,536	44,370	36,790	40,506	23,750	24,194
65	60,848	49,607	51,392	45,196	35,812	29,314	34,042	17,606	19,015
70	49,754	39,025	39,914	35,018	27,686	21,741	26,923	12,295	13,829
75	38,083	27,789	29,064	25,472	19,765	14,411	18,854	7,484	8,892
80	26,864	17,999	19,994	16,904	12,352	8,239	11,615	3,694	4,831
85	16,392	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	99,112	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	98,927	98,203	97,709	97,199	95,309	93,216	90,721	85,348	83,426
10	98,819	98,042	97,525	96,960	94,890	92,466	89,566	83,979	81,723
15	98,717	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,690
20	98,489	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,230	97,299	96,844	96,072	93,228	89,524	85,163	79,885	76,588
30	97,959	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,627	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,146	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,357	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,065	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,014	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	89,901	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	85,289	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	78,608	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	69,337	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	56,640	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	40,221	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	98,440	97,235	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5	98,167	96,772	95,643	95,055	91,710	90,185	87,149	76,588	73,656
10	98,015	96,546	95,265	94,679	91,092	89,201	85,607	75,058	72,111
15	97,896	96,353	95,057	94,343	90,363	88,088	83,954	73,418	70,464
20	97,663	95,917	94,660	93,544	88,505	85,078	80,154	64,784	61,833
25	97,294	95,247	94,005	92,336	85,961	81,067	75,359	61,430	58,483
30	96,790	94,370	93,070	90,799	83,147	76,816	70,633	58,281	55,333
35	96,129	93,123	91,670	88,805	79,879	72,192	65,857	54,595	51,647
40	95,185	91,247	89,676	86,052	75,908	67,271	61,130	50,568	46,146
45	93,747	88,608	86,793	82,257	71,061	61,365	56,230	45,947	42,279
50	91,491	84,964	82,979	77,007	64,886	54,920	50,780	40,886	37,681
55	88,095	80,162	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60	83,331	73,984	69,941	61,758	49,102	38,761	37,954	28,908	27,524
65	76,795	66,064	60,825	52,358	40,718	30,852	31,044	22,302	21,995
70	68,670	56,375	51,274	42,612	32,579	23,341	24,107	15,871	16,140
75	58,603	44,841	40,540	32,881	24,668	16,576	17,216	10,657	11,066
80	46,910	33,373	30,315	23,712	17,157	10,822	11,151	6,324	6,708
85	33,123	22,763	19,744	15,550	10,658	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 1982-Con.

[See headnote at beginning of table]

Age, race, and sex	Average number of years of life remaining (e _x)								
	1982	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE									
0 -----	71.5	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1 -----	71.3	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5 -----	67.5	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10 -----	62.6	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15 -----	57.7	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20 -----	53.0	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25 -----	48.4	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30 -----	43.8	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35 -----	39.1	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40 -----	34.5	31.87	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45 -----	30.0	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50 -----	25.6	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55 -----	21.6	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60 -----	17.9	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65 -----	14.5	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70 -----	11.6	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75 -----	9.1	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80 -----	7.0	6.18	5.89	5.88	5.38	5.26	5.47	5.09	5.10
85 -----	5.3	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
ALL OTHER, MALE									
0 -----	66.8	60.98	61.48	58.91	52.33	47.55	47.14	34.05	32.54
1 -----	67.1	62.13	63.50	61.06	56.05	51.08	51.63	42.53	42.46
5 -----	63.3	58.48	59.98	57.69	53.13	48.69	50.18	44.25	45.06
10 -----	58.4	53.67	55.19	52.96	48.54	44.27	45.99	40.65	41.90
15 -----	53.5	48.84	50.39	48.23	43.95	39.83	41.75	36.77	38.26
20 -----	48.8	44.37	45.78	43.73	39.74	35.95	38.36	33.46	35.11
25 -----	44.4	40.29	41.38	39.49	35.94	32.67	35.54	30.44	32.21
30 -----	39.9	36.20	37.05	35.31	32.25	29.45	32.51	27.33	29.25
35 -----	35.6	32.16	32.81	31.21	28.67	26.39	29.54	24.42	26.16
40 -----	31.3	28.29	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45 -----	27.2	24.64	24.89	23.59	22.02	20.59	23.55	18.85	20.09
50 -----	23.4	21.24	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55 -----	20.0	18.14	18.11	17.36	16.67	15.46	17.50	13.82	14.69
60 -----	16.8	15.35	15.29	14.91	14.38	13.15	14.74	11.67	12.62
65 -----	14.1	12.87	12.84	12.75	12.18	10.87	12.07	9.74	10.38
70 -----	11.7	10.68	10.81	10.74	10.06	8.78	9.58	8.00	8.33
75 -----	9.5	8.99	8.93	8.83	8.09	6.99	7.61	6.58	6.60
80 -----	7.5	7.57	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85 -----	5.8	6.04	5.08	5.38	5.08	4.30	4.53	4.48	4.04
WHITE, FEMALE									
0 -----	78.8	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1 -----	78.5	75.66	74.68	72.77	68.93	64.93	61.51	56.69	54.39
5 -----	74.6	71.86	70.92	69.09	65.17	61.57	58.43	53.67	51.53
10 -----	69.7	66.97	66.05	64.26	60.85	57.65	55.17	50.57	48.57
15 -----	64.7	62.07	61.15	59.39	56.07	53.00	50.67	46.12	44.29
20 -----	59.9	57.24	56.29	54.56	51.38	48.52	46.46	42.08	40.37
25 -----	55.0	52.42	51.45	49.77	46.78	44.25	42.55	38.36	36.82
30 -----	50.2	47.60	46.63	45.00	42.21	39.99	38.72	34.66	33.22
35 -----	45.3	42.82	41.84	40.28	37.70	35.73	34.86	30.99	29.62
40 -----	40.6	38.12	37.13	35.64	33.25	31.52	30.94	27.26	26.01
45 -----	35.9	33.54	32.53	31.12	28.90	27.39	26.98	23.45	22.31
50 -----	31.3	29.11	28.08	26.76	24.72	23.41	23.12	20.74	19.71
55 -----	27.0	24.85	23.81	22.58	20.73	19.60	19.40	17.18	16.34
60 -----	22.8	20.79	19.69	18.64	17.00	16.05	15.93	14.92	14.23
65 -----	18.9	16.93	15.88	15.00	13.56	12.81	12.75	11.97	11.43
70 -----	15.3	13.37	12.38	11.68	10.50	9.98	9.94	9.38	8.99
75 -----	12.0	10.21	9.28	8.87	7.92	7.56	7.62	7.20	6.93
80 -----	9.0	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.10
85 -----	6.7	5.54	4.66	4.83	4.34	4.24	4.24	4.06	3.91
ALL OTHER, FEMALE									
0 -----	75.0	69.05	66.47	62.70	55.51	49.51	46.92	37.67	35.04
1 -----	75.2	70.01	68.10	64.37	58.47	52.33	50.39	45.15	43.54
5 -----	71.4	66.34	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10 -----	66.5	61.49	59.72	56.17	50.83	45.33	44.54	42.84	43.02
15 -----	61.6	56.60	54.85	51.36	46.22	40.87	40.36	39.18	39.79
20 -----	56.8	51.85	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25 -----	52.0	47.19	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30 -----	47.2	42.61	40.83	38.02	34.52	30.67	31.48	29.61	30.70
35 -----	42.5	38.14	36.41	33.82	30.83	27.47	28.58	26.44	27.52
40 -----	37.9	33.87	32.16	29.82	27.31	24.30	25.60	23.34	24.37
45 -----	33.5	29.80	28.14	26.07	24.00	21.39	22.61	20.43	21.36
50 -----	29.2	25.97	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55 -----	25.2	22.37	20.89	19.62	18.44	16.27	17.09	14.98	15.88
60 -----	21.5	19.02	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65 -----	18.2	15.99	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70 -----	15.0	13.30	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75 -----	12.1	11.06	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80 -----	9.5	9.01	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85 -----	7.5	7.07	5.44	6.15	6.38	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, 1900-1928, and United States, 1929-82

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

Area and year	All races			White			All other		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES									
1982	74.6	70.9	78.2	75.1	71.5	78.8	71.0	66.8	75.0
1981	74.2	70.4	77.9	74.8	71.1	78.5	70.3	66.1	74.5
1980	73.7	70.0	77.5	74.4	70.7	78.1	69.5	65.3	73.6
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3
1972 ¹	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8
1970	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 ²	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6
1962 ²	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	64.3	62.7	61.3	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	54.8	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	36.9	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

¹Deaths based on a 50-percent sample.

²Figures by race exclude data for residents of New Jersey; see Technical Appendix.

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Department of Health and Human Services
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Pursuant to the provision of 42, U.S.C. 3505 and the authority vested in me by the Secretary (43 FR 58871), I hereby certify that this publication is a true copy of the document on file in the Department of Health and Human Services.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the Department of Health and Human Services to be affixed on this day of 19.....

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Public Health Service**