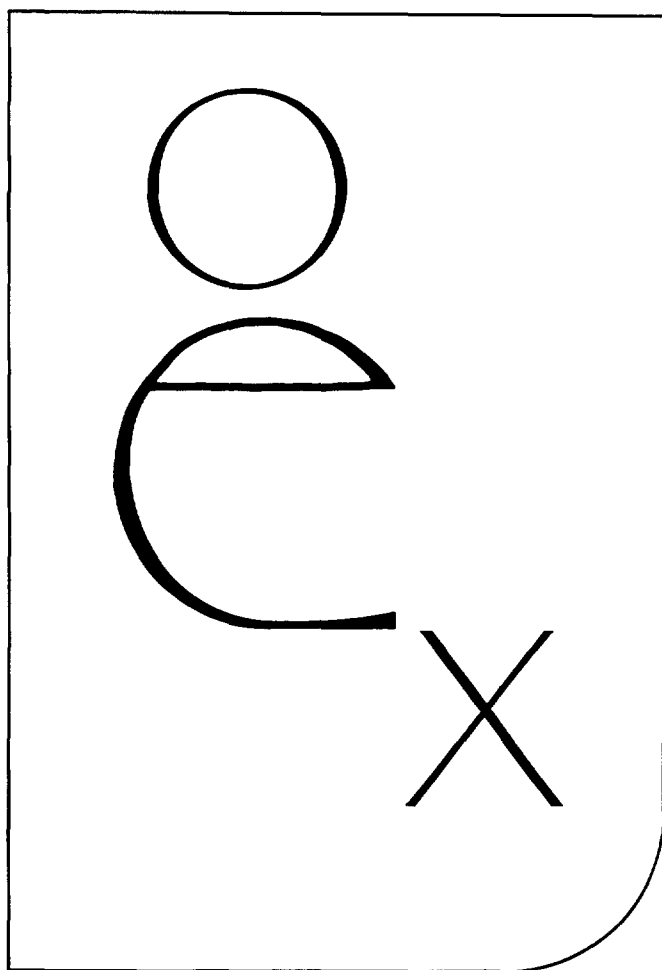


Vital Statistics of the United States, 1985

Life Tables

Volume II, Section 6



DHHS Publication No. (PHS) 88-1104

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Center for Health Statistics

Hyattsville, Maryland
January 1988

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SUGGESTED CITATION

National Center for Health Statistics: *Vital Statistics of the United States, 1985*, Vol. II, Sec. 6, Life Tables. DHHS Pub. No. (PHS)88-1104. Public Health Service, Washington. U.S. Government Printing Office, 1988.

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Section 6. Life Tables

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		TABLE: 6	-1	-2	-3	-4	-5
		PAGE:	5	9	10	11	13
Years:							
1900–1985 -----							15
1985 only -----			1	2	3		
Specified years and 1985 -----						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 ($\hat{e}_x$) -----			1		3	4	
Average length of life ($\hat{e}_0$) -----							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 1929–85; death-registration States for 1900–28.

²Entire United States for specified years from 1929 to 1985; death-registration States for specified years from 1900 to 1921.

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

The better known current life table may, 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 death rates observed for an actual population during a particular period. Thus, for example, a current life table for 1985 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1985. The current life table may thus be characterized as rendering a “snapshot” of current mortality experience, and shows the long-range implications of a set of age-specific death rates that prevailed in a given year. In this section the term “life table” refers to the current life table only and not to the generation life table.

THE LIFE TABLE PROGRAM

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

In response to a growing number of requests for 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 the techniques for estimating the population and the methods for constructing abridged life tables permit these tables to be prepared in a way that provides reasonably accurate data on current trends in expectation of life and survivorship. Beginning with 1945, abridged life tables have been constructed by reference to a standard table (National Office of Vital Statistics, 1953). Methodology developed by Greville was used in constructing life tables for 1945–52. Since 1953 a modified method has been employed (National Center for Health Statistics, 1966). U.S. life tables for the decennial period 1979–81 are used as the standard table in constructing the 1985 abridged life tables.

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

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

LIFE TABLE VALUES

The data used to prepare the abridged U.S. life tables for 1985 are the final mortality statistics and the midyear

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estimates of the population by age, race, and sex prepared by the U.S. Bureau of the Census.

Expectation of life—The most frequently used life table statistic is life expectancy (e_x), which is the average number of years of life remaining for persons who have attained a given age (x). Life expectancy and other life table values at specified ages in 1985 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 1985 for the total population was 74.7 years. This represents the average number of years that the members of the life table cohort may expect to live at the time of birth (table 6-1).

Survivors to specified ages—Another way of assessing longevity of the life table cohort is by determining the proportion of it that survives to specified ages. The l_x column provides the data for computing the proportion. For instance, for the total population, 78,678 out of the original 1985 life table cohort of 100,000 (or 78.7 percent) were alive at exact age 65 (table 6-2).

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

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

The 1979-81 decennial life tables have been used as the standard life tables for the 1983-85 life tables as well as for revised life table values for 1980-82 shown in this report.

New Jersey data, 1962-64—The life tables for 1962 and 1963 for the six population groups involving race do not include data from New Jersey. This State omitted the item on race from its certificates of live birth, death, and

fetal death in use at the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without this item was used for most of 1962 as well as for 1963. For computing vital rates, populations by age, race, and sex (excluding New Jersey) were estimated to obtain comparable denominators. Approximately 7 percent of the New Jersey death records for 1964 did not contain the race designation. When the records were being electronically processed for this State, the "race not stated" deaths were allocated to white or 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 (e_x) for single calendar years before the annual abridged life table series was initiated in 1945. The figures in table 6-5 for groups by race and sex for the following years were estimated to meet these needs (National Office of Vital Statistics, 1951).

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

POPULATION BASES FOR COMPUTING LIFE TABLES

The population used for computing life table values shown in this report (furnished by the U.S. Bureau of the Census) represents the resident population of the United States. The populations used for computing the 1985 life table values are estimated as of July 1, 1985 (U.S. Bureau of the Census, 1987), 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 U.S. Bureau of the Census report (U.S. Bureau of the Census, 1982).

Population estimates used to compute death rates for 1984 and 1985 incorporate new estimation procedures for net migration and net undocumented immigration. Death rates for 1985 are comparable with those for 1984 but are not strictly comparable with those for previous years. For additional details, see the Technical Appendix in *Vital Statistics of the United States, 1984* (Vol. II, Mortality, Pt. A), and the report of the U.S. Bureau of the Census (U.S. Bureau of the Census, 1986).

EXPLANATION OF THE COLUMNS OF THE LIFE TABLE

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

Column 2—Proportion dying (${}_nq_x$)—This column shows the proportion of the cohort who are alive at the beginning of an indicated age interval and who will die before reaching the end of that age interval. For example, for males in the age interval 20–25, the proportion dying is 0.0082: Out of every 1,000 males alive and exactly 20 years of age at the beginning of the period, about 8 will die before reaching their 25th birthday. In other words, the ${}_nq_x$ values represent *probabilities* that persons who are alive at the beginning of a specific age interval will die before reaching the beginning of the next age interval. The “proportion dying” column forms the basis of the life table. The life table is so constructed that all other columns are derived from it.

Column 3—Number surviving (l_x)—This column shows the number of persons, starting with a cohort of 100,000 live births, who survive to the exact age marking the beginning of each age interval. The l_x values are computed from the ${}_nq_x$ values, which are successively applied to the remainder of the original 100,000 persons still alive at the beginning of each age interval. Thus out of 100,000 male babies born alive, 98,804 will complete the first year of life and enter the second; 98,578 will begin the sixth year; 97,709 will reach age 20; and 19,429 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, 1,196 will die in the first year of life; 226 in the succeeding 4 years; 802 in the 5-year period between exact ages 20 and 25, and 19,429 will die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (${}_nL_x$ and T_x)—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year and that the proportions dying in each such group in each age interval throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given age group would never change. When individuals left the group, either by death or by growing older and entering the next higher age

group, their places would immediately be taken by persons entering from the next lower age group. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday that marks the beginning of the age interval indicated in column 1, and column 4 shows the number of persons who die each year in the indicated age interval.

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for males in the age interval 20–25 is 486,583. This means that in a stationary population of males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 486,583 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 5,151,585 persons who have passed their 20th birthday. The male population at all ages 0 and above (the total male population of the stationary community) would be 7,119,725.

Column 7—Average remaining lifetime (e_x)—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. To arrive at this value, it is first necessary to observe that the figures in column 5 of the life table can also be interpreted in terms of a single life table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 486,583 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,709 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,151,585 in column 6 is the total number of years lived after attaining age 20 by the 97,709 reaching that age. This number of years divided by the number of persons (5,151,585 divided by 97,709) gives 52.7 years as the average remaining lifetime of males at age 20.

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SYMBOLS

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 -----	*

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1985

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	0.0107	100,000	1,069	99,079	7,472,607	74.7
1-5	.0020	98,931	200	395,255	7,373,528	74.5
5-10	.0012	98,731	123	493,320	6,978,273	70.7
10-15	.0014	98,608	135	492,778	6,484,953	65.8
15-20	.0040	98,473	397	491,465	5,992,175	60.9
20-25	.0054	98,076	534	489,072	5,500,710	56.1
25-30	.0057	97,542	553	486,326	5,011,638	51.4
30-35	.0067	96,989	648	483,363	4,525,312	46.7
35-40	.0086	96,341	831	479,745	4,041,949	42.0
40-45	.0126	95,510	1,199	474,766	3,562,204	37.3
45-50	.0197	94,311	1,854	467,259	3,087,438	32.7
50-55	.0316	92,457	2,924	455,434	2,620,179	28.3
55-60	.0497	89,533	4,447	437,186	2,164,745	24.2
60-65	.0753	85,086	6,408	410,278	1,727,559	20.3
65-70	.1092	78,678	8,588	372,847	1,317,281	16.7
70-75	.1625	70,090	11,391	322,963	944,434	13.5
75-80	.2349	58,699	13,788	259,866	621,471	10.6
80-85	.3480	44,911	15,628	185,697	361,605	8.1
85 and over	1.0000	29,283	29,283	175,908	175,908	6.0
MALE						
0-1	.0120	100,000	1,196	98,966	7,119,725	71.2
1-5	.0023	98,804	226	394,692	7,020,759	71.1
5-10	.0014	98,578	140	492,508	6,626,067	67.2
10-15	.0017	98,438	169	491,882	6,133,559	62.3
15-20	.0057	98,269	560	490,092	5,641,677	57.4
20-25	.0082	97,709	802	486,583	5,151,585	52.7
25-30	.0083	96,907	807	482,495	4,665,002	48.1
30-35	.0095	96,100	908	478,257	4,182,507	43.5
35-40	.0118	95,192	1,121	473,299	3,704,250	38.9
40-45	.0166	94,071	1,560	466,725	3,230,951	34.3
45-50	.0254	92,511	2,347	457,124	2,764,226	29.9
50-55	.0409	90,164	3,688	442,187	2,307,102	25.6
55-60	.0651	86,476	5,631	419,094	1,864,915	21.6
60-65	.0985	80,845	7,965	385,341	1,445,821	17.9
65-70	.1429	72,880	10,414	339,342	1,060,480	14.6
70-75	.2135	62,466	13,338	279,746	721,138	11.5
75-80	.3044	49,128	14,955	208,385	441,392	9.0
80-85	.4315	34,173	14,744	133,156	230,007	6.8
85 and over	1.0000	19,429	19,429	99,851	99,851	5.1
FEMALE						
0-1	.0094	100,000	935	99,199	7,818,820	78.2
1-5	.0017	99,065	173	395,845	7,719,621	77.9
5-10	.0011	98,892	105	494,174	7,323,775	74.1
10-15	.0010	98,787	100	493,719	6,829,601	69.1
15-20	.0023	98,687	229	492,899	6,335,882	64.2
20-25	.0026	98,458	260	491,652	5,842,983	59.3
25-30	.0030	98,198	294	490,270	5,351,331	54.5
30-35	.0039	97,904	385	488,602	4,861,061	49.7
35-40	.0055	97,519	540	486,340	4,372,459	44.8
40-45	.0087	96,979	842	482,946	3,886,119	40.1
45-50	.0142	96,137	1,364	477,523	3,403,173	35.4
50-55	.0229	94,773	2,169	468,779	2,925,650	30.9
55-60	.0355	92,604	3,287	455,287	2,456,871	26.5
60-65	.0547	89,317	4,883	435,088	2,001,584	22.4
65-70	.0806	84,434	6,801	406,058	1,566,496	18.6
70-75	.1229	77,633	9,545	365,528	1,160,438	14.9
75-80	.1875	68,088	12,768	310,027	794,910	11.7
80-85	.2893	55,320	16,557	236,363	484,883	8.8
85 and over	1.0000	38,763	38,763	248,520	248,520	6.4

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1985—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	x_l	n^d_x	n^L_x	T_x	e_x
WHITE						
0-1	0.0093	100,000	935	99,193	7,533,131	75.3
1-5	.0018	99,065	181	395,836	7,433,938	75.0
5-10	.0011	98,884	112	494,115	7,038,102	71.2
10-15	.0013	98,772	131	493,611	6,543,987	66.3
15-20	.0040	98,641	397	492,301	6,050,376	61.3
20-25	.0052	98,244	506	489,971	5,558,075	56.6
25-30	.0051	97,738	499	487,429	5,068,104	51.9
30-35	.0057	97,239	558	484,831	4,580,675	47.1
35-40	.0075	96,681	722	481,704	4,095,844	42.4
40-45	.0110	95,959	1,060	477,341	3,614,140	37.7
45-50	.0177	94,899	1,677	470,631	3,136,799	33.1
50-55	.0292	93,222	2,718	459,770	2,666,168	28.6
55-60	.0468	90,504	4,235	442,579	2,206,398	24.4
60-65	.0720	86,269	6,211	416,706	1,763,819	20.4
65-70	.1063	80,058	8,509	379,993	1,347,113	16.8
70-75	.1594	71,549	11,408	330,276	967,120	13.5
75-80	.2334	60,141	14,037	266,546	636,844	10.6
80-85	.3457	46,104	15,938	190,936	370,298	8.0
85 and over	1.0000	30,166	30,166	179,362	179,362	5.9
WHITE, MALE						
0-1	.0106	100,000	1,059	99,084	7,185,561	71.9
1-5	.0021	98,941	205	395,290	7,086,477	71.6
5-10	.0013	98,736	129	493,328	6,691,187	67.8
10-15	.0017	98,607	164	492,742	6,197,859	62.9
15-20	.0056	98,443	556	490,965	5,705,117	58.0
20-25	.0078	97,887	762	487,556	5,214,152	53.3
25-30	.0075	97,125	732	483,759	4,726,596	48.7
30-35	.0081	96,393	785	480,022	4,242,837	44.0
35-40	.0101	95,608	970	475,740	3,762,815	39.4
40-45	.0145	94,638	1,370	470,016	3,287,075	34.7
45-50	.0227	93,268	2,115	461,476	2,817,059	30.2
50-55	.0377	91,153	3,433	447,767	2,355,583	25.8
55-60	.0617	87,720	5,411	425,891	1,907,816	21.7
60-65	.0945	82,309	7,781	393,165	1,481,925	18.0
65-70	.1397	74,528	10,412	347,662	1,088,760	14.6
70-75	.2107	64,116	13,512	287,642	741,098	11.6
75-80	.3042	50,604	15,395	214,720	453,456	9.0
80-85	.4305	35,209	15,156	137,281	238,736	6.8
85 and over	1.0000	20,053	20,053	101,455	101,455	5.1
WHITE, FEMALE						
0-1	.0080	100,000	803	99,309	7,874,088	78.7
1-5	.0016	99,197	156	396,413	7,774,779	78.4
5-10	.0010	99,041	96	494,945	7,378,366	74.5
10-15	.0010	98,945	96	494,521	6,883,421	69.6
15-20	.0023	98,849	231	493,703	6,388,900	64.6
20-25	.0025	98,618	244	492,485	5,895,197	59.8
25-30	.0026	98,374	257	491,238	5,402,712	54.9
30-35	.0033	98,117	324	489,812	4,911,474	50.1
35-40	.0048	97,793	468	487,876	4,421,662	45.2
40-45	.0077	97,325	747	484,899	3,933,786	40.4
45-50	.0128	96,578	1,236	480,036	3,448,887	35.7
50-55	.0210	95,342	2,000	472,038	2,968,851	31.1
55-60	.0330	93,342	3,080	459,486	2,496,813	26.7
60-65	.0518	90,262	4,673	440,341	2,037,327	22.6
65-70	.0777	85,589	6,653	412,232	1,596,986	18.7
70-75	.1195	78,936	9,433	372,373	1,184,754	15.0
75-80	.1853	69,503	12,879	316,947	812,381	11.7
80-85	.2968	56,624	16,807	242,351	495,434	8.7
85 and over	1.0000	39,817	39,817	253,083	253,083	6.4

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1985—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
ALL OTHER						
0-1	0.0159	100,000	1,590	98,636	7,116,888	71.2
1-5	.0028	98,410	278	392,988	7,018,252	71.3
5-10	.0017	98,132	167	490,198	6,625,264	67.5
10-15	.0016	97,965	154	489,503	6,135,066	62.6
15-20	.0041	97,811	401	488,164	5,645,563	57.7
20-25	.0069	97,410	669	485,472	5,157,399	52.9
25-30	.0087	96,741	840	481,666	4,671,927	48.3
30-35	.0119	95,901	1,141	476,751	4,190,261	43.7
35-40	.0157	94,760	1,486	470,287	3,713,510	39.2
40-45	.0223	93,274	2,079	461,487	3,243,223	34.8
45-50	.0320	91,195	2,918	449,123	2,781,736	30.5
50-55	.0479	88,277	4,228	431,346	2,332,613	26.4
55-60	.0706	84,049	5,937	406,011	1,901,267	22.6
60-65	.1022	78,112	7,979	371,275	1,495,256	19.1
65-70	.1331	70,133	9,335	327,901	1,123,981	16.0
70-75	.1898	60,798	11,538	275,692	796,080	13.1
75-80	.2489	49,260	12,261	215,794	520,388	10.6
80-85	.3725	36,999	13,783	150,287	304,594	8.2
85 and over	1.0000	23,216	23,216	154,307	154,307	6.6
ALL OTHER, MALE						
0-1	.0173	100,000	1,731	98,503	6,722,037	67.2
1-5	.0032	98,269	312	392,354	6,623,534	67.4
5-10	.0019	97,957	187	489,269	6,231,180	63.6
10-15	.0020	97,770	191	488,468	5,741,911	58.7
15-20	.0059	97,579	581	486,623	5,253,443	53.8
20-25	.0104	96,998	1,013	482,611	4,766,820	49.1
25-30	.0128	95,985	1,228	476,932	4,284,209	44.6
30-35	.0172	94,757	1,628	469,824	3,807,277	40.2
35-40	.0225	93,129	2,099	460,637	3,337,453	35.8
40-45	.0312	91,030	2,838	448,450	2,876,816	31.6
45-50	.0434	88,192	3,826	431,957	2,428,366	27.5
50-55	.0639	84,366	5,390	408,983	1,996,409	23.7
55-60	.0916	78,976	7,238	377,397	1,587,426	20.1
60-65	.1319	71,738	9,464	335,658	1,210,029	16.9
65-70	.1704	62,274	10,611	285,207	874,371	14.0
70-75	.2388	51,663	12,335	227,633	589,164	11.4
75-80	.3059	39,328	12,031	166,283	361,531	9.2
80-85	.4415	27,297	12,051	105,627	195,248	7.2
85 and over	1.0000	15,246	15,246	89,621	89,621	5.9
ALL OTHER, FEMALE						
0-1	.0144	100,000	1,444	98,774	7,495,851	75.0
1-5	.0025	98,556	245	393,639	7,397,077	75.1
5-10	.0015	98,311	145	491,154	7,003,438	71.2
10-15	.0012	98,166	117	490,567	6,512,284	66.3
15-20	.0022	98,049	218	489,745	6,021,717	61.4
20-25	.0034	97,831	336	488,362	5,531,972	56.5
25-30	.0049	97,495	480	486,326	5,043,610	51.7
30-35	.0072	97,015	698	483,420	4,557,284	47.0
35-40	.0098	96,317	945	479,386	4,073,864	42.3
40-45	.0147	95,372	1,401	473,596	3,594,478	37.7
45-50	.0223	93,971	2,098	464,948	3,120,882	33.2
50-55	.0346	91,873	3,180	451,841	2,655,934	28.9
55-60	.0530	88,693	4,699	432,293	2,204,093	24.9
60-65	.0774	83,994	6,504	404,393	1,771,800	21.1
65-70	.1035	77,490	8,017	368,137	1,367,407	17.6
70-75	.1528	69,473	10,615	321,721	999,270	14.4
75-80	.2091	58,858	12,307	264,097	677,549	11.5
80-85	.3285	46,551	15,290	194,794	413,452	8.9
85 and over	1.0000	31,261	31,261	218,658	218,658	7.0

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1985—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 (1)	Proportion of persons alive at beginning of age interval dying during interval (2)	Number living at beginning of age interval (3)	Number dying during age interval (4)	In the age interval (5)	In this and all subsequent age intervals (6)	Average number of years of life remaining at beginning of age interval (7)
x to $x + n$	nq_x	l_x	n^d_x	nL_x	T_x	${}_x\bar{e}$
BLACK						
0-1	0.0183	100,000	1,827	98,416	6,950,627	69.5
1-5	.0031	98,173	301	391,986	6,852,211	69.8
5-10	.0018	97,872	174	488,877	6,460,225	66.0
10-15	.0017	97,698	167	488,136	5,971,348	61.1
15-20	.0042	97,531	412	486,743	5,483,212	56.2
20-25	.0073	97,119	711	483,931	4,996,469	51.4
25-30	.0098	96,408	943	479,767	4,512,538	46.8
30-35	.0140	95,465	1,338	474,106	4,032,771	42.2
35-40	.0186	94,127	1,751	466,659	3,558,665	37.8
40-45	.0268	92,376	2,454	456,107	3,092,006	33.5
45-50	.0373	89,922	3,356	441,709	2,635,899	29.3
50-55	.0549	86,566	4,756	421,504	2,194,190	25.3
55-60	.0793	81,810	6,489	393,444	1,772,686	21.7
60-65	.1141	75,321	8,594	355,748	1,379,242	18.3
65-70	.1462	66,727	9,757	309,766	1,023,494	15.3
70-75	.2060	56,970	11,738	255,961	713,728	12.5
75-80	.2677	45,232	12,110	195,915	457,767	10.1
80-85	.3959	33,122	13,112	132,448	261,852	7.9
85 and over	1.0000	20,010	20,010	129,404	129,404	6.5
BLACK, MALE						
0-1	.0199	100,000	1,994	98,263	6,534,321	65.3
1-5	.0034	98,006	334	391,251	6,436,058	65.7
5-10	.0020	97,672	194	487,823	6,044,807	61.9
10-15	.0021	97,478	208	486,965	5,556,984	57.0
15-20	.0062	97,270	606	485,027	5,070,019	52.1
20-25	.0112	96,664	1,034	480,792	4,584,992	47.4
25-30	.0145	95,580	1,384	474,550	4,104,200	42.9
30-35	.0206	94,196	1,936	466,288	3,629,650	38.5
35-40	.0272	92,260	2,507	455,308	3,163,362	34.3
40-45	.0377	89,753	3,388	440,745	2,708,054	30.2
45-50	.0514	86,365	4,441	421,325	2,267,309	26.3
50-55	.0740	81,924	6,062	395,116	1,845,984	22.5
55-60	.1022	75,862	7,751	360,521	1,450,868	19.1
60-65	.1471	68,111	10,016	316,066	1,090,347	16.0
65-70	.1868	58,095	10,850	263,629	774,281	13.3
70-75	.2606	47,245	12,311	205,461	510,652	10.8
75-80	.3291	34,934	11,496	145,476	305,191	8.7
80-85	.4681	23,438	10,972	88,907	159,715	6.8
85 and over	1.0000	12,466	12,466	70,808	70,808	5.7
BLACK, FEMALE						
0-1	.0165	100,000	1,654	98,575	7,354,913	73.5
1-5	.0027	98,346	266	392,745	7,256,338	73.8
5-10	.0016	98,080	154	489,970	6,863,593	70.0
10-15	.0012	97,926	122	489,353	6,373,623	65.1
15-20	.0022	97,804	216	488,528	5,884,270	60.2
20-25	.0037	97,588	360	487,097	5,395,742	55.3
25-30	.0055	97,228	538	484,861	4,908,645	50.5
30-35	.0083	96,690	802	481,553	4,423,784	45.8
35-40	.0114	95,888	1,089	476,900	3,942,231	41.1
40-45	.0172	94,799	1,630	470,196	3,465,331	36.6
45-50	.0257	93,169	2,399	460,226	2,995,135	32.1
50-55	.0392	90,770	3,560	445,412	2,534,909	27.9
55-60	.0598	87,210	5,216	423,618	2,089,497	24.0
60-65	.0866	81,994	7,037	392,905	1,665,879	20.3
65-70	.1136	74,897	8,508	353,933	1,272,974	17.0
70-75	.1660	66,389	11,020	305,241	919,041	13.8
75-80	.2260	55,369	12,512	246,066	613,800	11.1
80-85	.3517	42,857	15,071	176,731	367,734	8.6
85 and over	1.0000	27,786	27,786	191,003	191,003	6.9

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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, 1985

Age	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	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	98,931	98,804	99,065	99,065	98,941	99,197	98,410	98,269	98,556	98,173	98,006	98,346
2	98,862	98,724	99,007	99,001	98,858	99,144	98,319	98,165	98,477	98,074	97,895	98,260
3	98,808	98,664	99,061	98,953	98,813	99,102	98,244	98,092	98,411	97,993	97,805	98,188
4	98,766	98,617	99,023	98,915	98,771	99,069	98,183	98,014	98,356	97,927	97,732	98,129
5	98,731	98,578	98,892	98,884	98,736	99,041	98,132	97,957	98,311	97,872	97,672	98,080
6	98,701	98,544	98,866	98,857	98,706	99,017	98,089	97,909	98,273	97,826	97,622	98,039
7	98,674	98,513	98,843	98,832	98,678	98,996	98,052	97,867	98,241	97,787	97,579	98,004
8	98,650	98,485	98,822	98,810	98,652	98,977	98,019	97,830	98,213	97,754	97,541	97,975
9	98,628	98,460	98,804	98,790	98,628	98,960	97,990	97,798	98,188	97,725	97,508	97,949
10	98,608	98,438	98,787	98,772	98,607	98,945	97,965	97,770	98,166	97,698	97,478	97,926
11	98,590	98,418	98,772	98,755	98,588	98,931	97,942	97,744	98,145	97,672	97,450	97,904
12	98,572	98,397	98,756	98,738	98,568	98,917	97,918	97,717	98,125	97,646	97,420	97,882
13	98,549	98,369	98,738	98,716	98,542	98,900	97,891	97,684	98,103	97,616	97,383	97,859
14	98,517	98,328	98,716	98,685	98,502	98,878	97,856	97,640	98,078	97,578	97,335	97,833
15	98,473	98,269	98,687	98,641	98,443	98,849	97,811	97,579	98,049	97,531	97,270	97,804
16	98,415	98,190	98,651	98,583	98,364	98,812	97,754	97,500	98,015	97,473	97,188	97,771
17	98,344	98,092	98,608	98,511	98,265	98,768	97,686	97,403	97,976	97,403	97,087	97,733
18	98,261	97,977	98,560	98,428	98,150	98,719	97,605	97,287	97,932	97,321	96,966	97,690
19	98,171	97,848	98,509	98,338	98,023	98,668	97,513	97,152	97,884	97,226	96,825	97,642
20	98,076	97,709	98,458	98,244	97,887	98,618	97,410	96,998	97,831	97,119	96,664	97,588
21	97,976	97,560	98,407	98,147	97,743	98,569	97,295	96,825	97,774	96,999	96,482	97,529
22	97,871	97,402	98,356	98,046	97,591	98,520	97,168	96,633	97,712	96,866	96,278	97,463
23	97,762	97,238	98,304	97,943	97,435	98,472	97,032	96,425	97,645	96,722	96,056	97,391
24	97,652	97,072	98,252	97,840	97,279	98,423	96,889	96,208	97,573	96,569	95,822	97,313
25	97,542	96,907	98,198	97,738	97,125	98,374	96,741	95,985	97,495	96,408	95,580	97,228
26	97,433	96,745	98,143	97,637	96,975	98,325	96,588	95,758	97,412	96,241	95,331	97,137
27	97,324	96,585	98,087	97,538	96,828	98,275	96,430	95,525	97,324	96,066	95,073	97,039
28	97,215	96,426	98,029	97,439	96,684	98,224	96,265	95,284	97,229	95,880	94,801	96,933
29	97,104	96,265	97,968	97,340	96,540	98,172	96,089	95,029	97,126	95,681	94,510	96,817
30	96,989	96,100	97,904	97,239	96,393	98,117	95,901	94,757	97,015	95,465	94,196	96,690
31	96,869	95,930	97,836	97,135	96,244	98,060	95,699	94,467	96,894	95,231	93,856	96,552
32	96,745	95,754	97,764	97,028	96,092	97,999	95,483	94,158	96,763	94,978	93,490	96,401
33	96,616	95,573	97,687	96,917	95,936	97,935	95,253	93,831	96,622	94,708	93,100	96,239
34	96,481	95,386	97,605	96,802	95,775	97,866	95,012	93,488	96,473	94,424	92,690	96,068
35	96,341	95,192	97,519	96,681	95,608	97,793	94,760	93,129	96,317	94,127	92,260	95,888
36	96,194	94,990	97,427	96,554	95,434	97,714	94,496	92,753	96,152	93,816	91,811	95,699
37	96,039	94,779	97,328	96,420	95,252	97,629	94,218	92,358	95,977	93,489	91,340	95,498
38	95,874	94,556	97,221	96,277	95,059	97,536	93,924	91,942	95,791	93,143	90,843	95,284
39	95,698	94,321	97,105	96,124	94,855	97,435	93,610	91,500	95,590	92,773	90,316	95,052
40	95,510	94,071	96,979	95,959	94,638	97,325	93,274	91,030	95,372	92,376	89,753	94,799
41	95,307	93,803	96,841	95,781	94,405	97,201	92,913	90,529	95,135	91,948	89,152	94,523
42	95,088	93,516	96,689	95,588	94,154	97,070	92,525	89,995	94,878	91,488	88,512	94,223
43	94,850	93,206	96,522	95,378	93,882	96,922	92,110	89,428	94,599	90,997	87,833	93,898
44	94,592	92,872	96,339	95,149	93,588	96,759	91,667	88,827	94,297	90,475	87,117	93,547
45	94,311	92,511	96,137	94,899	93,268	96,578	91,195	88,192	93,971	89,922	86,365	93,169
46	94,004	92,120	95,914	94,625	92,920	96,378	90,691	87,521	93,618	89,336	85,576	92,761
47	93,669	91,695	95,669	94,324	92,540	96,157	90,152	86,810	93,235	88,713	84,746	92,320
48	93,302	91,231	95,399	93,992	92,122	95,912	89,574	86,053	92,819	88,048	83,867	91,844
49	92,899	90,722	95,101	93,626	91,662	95,641	88,951	85,240	92,366	87,334	82,929	91,328
50	92,457	90,164	94,773	93,222	91,153	95,342	88,277	84,366	91,873	86,566	81,924	90,770
51	91,972	89,553	94,413	92,776	90,593	95,012	87,550	83,425	91,337	85,739	80,848	90,166
52	91,441	88,885	94,018	92,286	89,976	94,646	86,767	82,417	90,756	84,852	79,700	89,514
53	90,860	88,153	93,586	91,747	89,297	94,251	85,925	81,339	90,124	83,902	78,483	88,808
54	90,225	87,352	93,115	91,154	88,547	93,816	85,020	80,192	89,438	82,889	77,203	88,042
55	89,533	86,476	92,604	90,504	87,720	93,342	84,049	78,976	88,693	81,810	75,862	87,210
56	88,780	85,521	92,050	89,794	86,812	92,827	83,013	77,691	87,887	80,666	74,465	86,311
57	87,964	84,484	91,449	89,019	85,820	92,267	81,908	76,335	87,018	79,454	73,007	85,344
58	87,079	83,361	90,797	88,176	84,740	91,657	80,728	74,898	86,083	78,166	71,474	84,305
59	86,121	82,149	90,088	87,261	83,571	90,990	79,464	73,368	85,076	76,791	69,846	83,189
60	85,086	80,845	89,317	86,269	82,309	90,262	78,112	71,738	83,994	75,321	68,111	81,994
61	83,970	79,445	88,479	85,196	80,952	89,468	76,665	70,001	82,831	73,751	66,261	80,714
62	82,770	77,946	87,571	84,039	79,496	88,604	75,127	68,164	81,588	72,086	64,306	79,351
63	81,487	76,351	86,594	82,797	77,940	87,670	73,513	66,247	80,275	70,344	62,271	77,916
64	80,123	74,662	85,548	81,471	76,284	86,665	71,844	64,277	78,906	68,552	60,192	76,428
65	78,678	72,880	84,434	80,058	74,528	85,589	70,133	62,274	77,490	66,727	58,095	74,897
66	77,153	71,009	83,249	78,558	72,673	84,438	68,390	60,250	76,032	64,881	55,995	73,331
67	75,543	69,045	81,986	76,967	70,717	83,206	66,608	58,200	74,524	63,007	53,887	71,722
68	73,837	66,977	80,637	75,276	68,648	81,884	64,767	56,104	72,946	61,083	51,747	70,048
69	72,023	64,787	79,189	73,473	66,451	80,464	62,837	53,931	71,269	59,078	49,540	68,277
70	70,090	62,466	77,633	71,549	64,116	78,936	60,798	51,663	69,473	56,970	47,245	66,389
71	68,035	60,013	75,963	69,502	61,645	77,295	58,640	49,293	67,546	54,752	44,854	64,372
72	65,862	57,438	74,175	67,334	59,046	75,537	56,376	46,837	65,496	52,436	42,386	62,236
73	63,576	54,754	72,268	65,048	56,330	73,656	54,033	44,329	63,345	50,052	39,878	60,003
74	61,186	51,978	70,240	62,649	53,511	71,646	51,652	41,815	61,125	47,641	37,382	57,706
75	58,699	49,128	68,088	60,141	50,604	69,503	49,260	39,328	58,858	45,232	34,934	55,369
76	56,119	46,217	65,810	57,528	47,622	67,221	46,865	36,881	56,548	42,835	32,550	52,996
77	53,449	43,256	63,400	54,813	44,578	64,796	44,460	34,471	54,184	40,443	30,225	50,578
78	50,689	40,254	60,852	52,001	41,484	62,224	42,027	32,081	51,745	38,039	27,944	48,096
79	47,842	37,222	58,160	49,096	38,355	59,501	39,546	29,694	49,207	35,604	25,686	45,528
80	44,911	34,173	55,320	46,104	35,209	56,624	36,999	27,297	46,551	33,122	23,438	42,857
81	41,902	31,125	52,326	43,032	32,066	53,590	34,377	24,883	43,764	30,586	21,193	40,070
82	38,823	28,099	49,176	39,890	28,950	50,395	31,678	2				

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1985

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	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5
1	74.5	71.1	77.9	75.0	71.6	78.4	71.3	67.4	75.1	69.8	65.7	73.8
2	73.6	70.1	77.0	74.1	70.7	77.4	70.4	66.5	74.1	68.9	64.7	72.8
3	72.6	69.2	76.0	73.1	69.7	76.5	69.4	65.5	73.2	67.9	63.8	71.9
4	71.7	68.2	75.0	72.2	68.7	75.5	68.5	64.6	72.2	67.0	62.9	70.9
5	70.7	67.2	74.1	71.2	67.8	74.5	67.5	63.6	71.2	66.0	61.9	70.0
6	69.7	66.2	73.1	70.2	66.8	73.5	66.5	62.6	70.3	65.0	60.9	69.0
7	68.7	65.3	72.1	69.2	65.8	72.5	65.6	61.7	69.3	64.1	59.9	68.0
8	67.7	64.3	71.1	68.2	64.8	71.5	64.6	60.7	68.3	63.1	59.0	67.1
9	66.8	63.3	70.1	67.2	63.8	70.6	63.6	59.7	67.3	62.1	58.0	66.1
10	65.8	62.3	69.1	66.3	62.9	69.6	62.6	58.7	66.3	61.1	57.0	65.1
11	64.8	61.3	68.1	65.3	61.9	68.6	61.6	57.7	65.4	60.1	56.0	64.1
12	63.8	60.3	67.2	64.3	60.9	67.6	60.7	56.8	64.4	59.2	55.0	63.1
13	62.8	59.4	66.2	63.3	59.9	66.6	59.7	55.8	63.4	58.2	54.0	62.1
14	61.8	58.4	65.2	62.3	58.9	65.6	58.7	54.8	62.4	57.2	53.1	61.1
15	60.9	57.4	64.2	61.3	58.0	64.6	57.7	53.8	61.4	56.2	52.1	60.2
16	59.9	56.5	63.2	60.4	57.0	63.7	56.8	52.9	60.4	55.3	51.2	59.2
17	58.9	55.5	62.3	59.4	56.1	62.7	55.8	51.9	59.5	54.3	50.2	58.2
18	58.0	54.6	61.3	58.5	55.1	61.7	54.8	51.0	58.5	53.3	49.3	57.2
19	57.0	53.6	60.3	57.5	54.2	60.7	53.9	50.1	57.5	52.4	48.4	56.3
20	56.1	52.7	59.3	56.6	53.3	59.8	52.9	49.1	56.5	51.4	47.4	55.3
21	55.1	51.8	58.4	55.6	52.3	58.8	52.0	48.2	55.6	50.5	46.5	54.3
22	54.2	50.9	57.4	54.7	51.4	57.8	51.1	47.3	54.6	49.6	45.6	53.4
23	53.3	50.0	56.4	53.7	50.5	56.9	50.1	46.4	53.7	48.7	44.7	52.4
24	52.3	49.1	55.5	52.8	49.6	55.9	49.2	45.5	52.7	47.7	43.8	51.4
25	51.4	48.1	54.5	51.9	48.3	54.9	48.3	44.6	51.7	46.8	42.9	50.5
26	50.4	47.2	53.5	50.9	47.7	53.9	47.4	43.7	50.8	45.9	42.1	49.5
27	49.5	46.3	52.6	50.0	46.8	53.0	46.4	42.8	49.8	45.0	41.2	48.6
28	48.5	45.4	51.6	49.0	45.9	52.0	45.5	42.0	48.9	44.1	40.3	47.6
29	47.6	44.4	50.6	48.1	44.9	51.0	44.6	41.1	47.9	43.1	39.4	46.7
30	46.7	43.5	49.7	47.1	44.0	50.1	43.7	40.2	47.0	42.2	38.5	45.8
31	45.7	42.6	48.7	46.2	43.1	49.1	42.8	39.3	46.0	41.3	37.7	44.8
32	44.8	41.7	47.7	45.2	42.2	48.1	41.9	38.4	45.1	40.5	36.8	43.9
33	43.8	40.8	46.8	44.3	41.2	47.1	41.0	37.6	44.2	39.6	36.0	43.0
34	42.9	39.8	45.8	43.3	40.3	46.2	40.1	36.7	43.2	38.7	35.1	42.0
35	42.0	38.9	44.8	42.4	39.4	45.2	39.2	35.8	42.3	37.8	34.3	41.1
36	41.0	38.0	43.9	41.4	38.4	44.3	38.3	35.0	41.4	36.9	33.5	40.2
37	40.1	37.1	42.9	40.5	37.5	43.3	37.4	34.1	40.4	36.1	32.6	39.3
38	39.2	36.2	42.0	39.5	36.6	42.3	36.5	33.3	39.5	35.2	31.8	38.4
39	38.2	35.3	41.0	38.6	35.7	41.4	35.6	32.4	38.6	34.3	31.0	37.5
40	37.3	34.3	40.1	37.7	34.7	40.4	34.8	31.6	37.7	33.5	30.2	36.6
41	36.4	33.4	39.1	36.7	33.8	39.5	33.9	30.8	36.8	32.6	29.4	35.7
42	35.5	32.5	38.2	35.8	32.9	38.5	33.0	30.0	35.9	31.8	28.6	34.8
43	34.5	31.6	37.3	34.9	32.0	37.6	32.2	29.1	35.0	31.0	27.8	33.9
44	33.6	30.8	36.3	34.0	31.1	36.6	31.3	28.3	34.1	30.1	27.0	33.0
45	32.7	29.9	35.4	33.1	30.2	35.7	30.5	27.5	33.2	29.3	26.3	32.1
46	31.8	29.0	34.5	32.1	29.3	34.8	29.7	26.7	32.3	28.5	25.5	31.3
47	31.0	28.1	33.6	31.2	28.4	33.9	28.8	26.0	31.5	27.7	24.7	30.4
48	30.1	27.3	32.7	30.4	27.6	32.9	28.0	25.2	30.6	26.9	24.0	29.6
49	29.2	26.4	31.8	29.5	26.7	32.0	27.2	24.4	29.8	26.1	23.3	28.8
50	28.3	25.6	30.9	28.6	25.8	31.1	26.4	23.7	28.9	25.3	22.5	27.9
51	27.5	24.8	30.0	27.7	25.0	30.2	25.6	22.9	28.1	24.6	21.8	27.1
52	26.6	23.9	29.1	26.9	24.2	29.4	24.9	22.2	27.3	23.8	21.1	26.3
53	25.8	23.1	28.2	26.0	23.3	28.5	24.1	21.5	26.4	23.1	20.5	25.5
54	25.0	22.3	27.4	25.2	22.5	27.6	23.4	20.8	25.6	22.4	19.8	24.7
55	24.2	21.6	26.5	24.4	21.7	26.7	22.6	20.1	24.9	21.7	19.1	24.0
56	23.4	20.8	25.7	23.6	21.0	25.9	21.9	19.4	24.1	21.0	18.5	23.2
57	22.6	20.1	24.9	22.8	20.2	25.0	21.2	18.8	23.3	20.3	17.8	22.5
58	21.8	19.3	24.0	22.0	19.5	24.2	20.5	18.1	22.6	19.6	17.2	21.7
59	21.1	18.6	23.2	21.2	18.7	23.4	19.8	17.5	21.8	19.0	16.6	21.0
60	20.3	17.9	22.4	20.4	18.0	22.6	19.1	16.9	21.1	18.3	16.0	20.3
61	19.6	17.2	21.6	19.7	17.3	21.8	18.5	16.3	20.4	17.7	15.4	19.6
62	18.8	16.5	20.8	19.0	16.6	21.0	17.9	15.7	19.7	17.1	14.9	19.0
63	18.1	15.8	20.1	18.2	15.9	20.2	17.2	15.1	19.0	16.5	14.4	18.3
64	17.4	15.2	19.3	17.5	15.3	19.4	16.6	14.6	18.3	15.9	13.8	17.6
65	16.7	14.6	18.6	16.8	14.6	18.7	16.0	14.0	17.6	15.3	13.3	17.0
66	16.1	13.9	17.8	16.1	14.0	17.9	15.4	13.5	17.0	14.8	12.8	16.3
67	15.4	13.3	17.1	15.5	13.3	17.2	14.8	13.0	16.3	14.2	12.3	15.7
68	14.7	12.7	16.4	14.8	12.7	16.4	14.2	12.4	15.7	13.6	11.8	15.1
69	14.1	12.1	15.6	14.1	12.1	15.7	13.7	11.9	15.0	13.1	11.3	14.4
70	13.5	11.5	14.9	13.5	11.6	15.0	13.1	11.4	14.4	12.5	10.8	13.8
71	12.9	11.0	14.3	12.9	11.0	14.3	12.6	10.9	13.8	12.0	10.4	13.3
72	12.3	10.5	13.6	12.3	10.5	13.6	12.0	10.5	13.2	11.5	9.9	12.7
73	11.7	10.0	12.9	11.7	9.9	13.0	11.5	10.0	12.6	11.0	9.5	12.2
74	11.1	9.5	12.3	11.1	9.4	12.3	11.1	9.6	12.1	10.6	9.1	11.6
75	10.6	9.0	11.7	10.6	9.0	11.7	10.6	9.2	11.5	10.1	8.7	11.1
76	10.1	8.5	11.1	10.0	8.5	11.1	10.1	8.8	11.0	9.7	8.3	10.6
77	9.5	8.1	10.5	9.5	8.0	10.5	9.6	8.3	10.4	9.2	7.9	10.0
78	9.0	7.6	9.9	9.0	7.6	9.9	9.1	7.9	9.9	8.8	7.6	9.5
79	8.5	7.2	9.3	8.5	7.2	9.3	8.7	7.5	9.4	8.3	7.2	9.0
80	8.1	6.8	8.8	8.0	6.8	8.7	8.2	7.2	8.9	7.9	6.8	8.6
81	7.6	6.4	8.2	7.6	6.4	8.2	7.8	6.8	8.4	7.5	6.5	8.1
82	7.2	6.1	7.7	7.1	6.0	7.7	7.5	6.5	8.0	7.2	6.2	7.8
83	6.7	5.7	7.3	6.7	5.7	7.2	7.1	6.2	7.6	6.9	6.0	7.4
84	6.4	5.4	6.8	6.3	5.4	6.8	6.9	6.0	7.3	6.6	5.8	7.1
85	6.0	5.1	6.4	5.9	5.1	6.4	6.6	5.9	7.0	6.5	5.7	6.9

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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 1985

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

Age, race, and sex	Number of survivors out of 100,000 born alive (<i>l_x</i>)									
	1985	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,941	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,736	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,884
10	98,607	98,357	97,441	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15	98,443	98,176	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	97,887	97,525	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	97,125	96,616	95,524	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30	96,393	95,783	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,608	94,980	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,638	93,984	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,268	92,494	90,725	90,533	89,002	84,285	78,345	72,696	65,115	61,369
50	91,153	90,105	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	87,720	86,303	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	82,309	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	74,528	72,393	66,343	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70	64,116	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	50,604	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	35,209	32,788	25,885	25,993	24,005	19,860	17,221	17,655	12,160	12,266
85	20,053	18,538	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	100,000
1	98,269	97,939	96,592	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5	97,957	97,559	96,038	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10	97,770	97,337	95,716	94,234	93,453	89,211	87,311	83,768	66,377	61,730
15	97,579	97,113	95,385	93,874	92,965	88,417	86,152	82,332	64,478	59,667
20	96,998	96,431	94,293	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25	95,985	95,200	92,267	91,825	90,285	84,055	79,516	74,540	57,736	53,285
30	94,757	93,666	90,106	90,270	88,327	80,865	75,083	70,344	54,073	49,867
35	93,129	91,891	87,597	88,331	85,940	77,185	70,049	65,873	49,865	46,541
40	91,030	89,645	84,378	85,744	82,832	72,830	64,710	61,353	45,414	42,989
45	88,192	86,578	80,163	82,075	78,686	67,514	58,432	56,589	40,563	39,230
50	84,366	82,153	74,748	77,239	72,891	60,766	51,748	51,880	35,427	34,766
55	78,976	76,019	67,808	70,351	65,122	52,867	44,436	46,581	29,754	29,987
60	71,738	68,093	59,396	61,669	55,535	44,370	36,790	40,506	23,750	24,194
65	62,274	58,517	49,607	51,392	45,198	35,912	29,314	34,042	17,806	19,015
70	51,663	47,796	39,025	39,914	35,018	27,688	21,741	26,923	12,295	13,829
75	39,328	36,191	27,789	29,064	25,472	19,765	14,419	18,854	7,494	8,892
80	27,297	24,969	17,999	19,994	16,904	12,352	8,239	11,615	3,894	4,831
85	15,246	14,454	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	100,000
1	99,197	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	99,041	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,349	83,426
10	98,945	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,979	81,723
15	98,849	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,618	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	78,978
25	98,374	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	98,117	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,793	97,445	96,474	96,026	94,977	91,211	86,248	80,206	75,200	70,971
40	97,325	96,913	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,578	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,342	94,710	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,005
55	93,342	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,262	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	85,589	84,764	81,579	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70	78,936	78,139	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	69,503	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	56,624	55,770	48,182	44,676	38,026	28,882	23,053	20,492	15,929	15,349
85	39,817	38,774	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	100,000
1	98,556	98,261	97,235	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5	98,311	97,958	96,772	95,543	95,055	91,710	90,185	87,149	72,768	68,056
10	98,166	97,806	96,546	95,265	94,679	91,092	89,201	85,607	70,508	65,111
15	98,049	97,669	96,353	95,057	94,343	90,363	88,088	83,954	68,218	62,384
20	97,831	97,404	95,917	94,660	93,544	88,505	85,078	80,154	64,764	59,053
25	97,495	96,996	95,247	94,005	92,336	85,961	81,067	75,359	61,430	55,795
30	97,015	96,441	94,370	93,070	90,799	83,147	76,816	70,633	58,281	52,773
35	96,317	95,719	93,123	91,670	88,805	79,879	72,192	65,857	54,595	49,567
40	95,372	94,646	91,247	89,676	86,052	75,908	67,271	61,130	50,568	46,146
45	93,971	93,009	88,608	86,793	82,257	71,061	61,365	56,230	45,947	42,279
50	91,873	90,523	84,964	82,979	77,007	64,886	54,920	50,780	40,386	37,681
55	88,693	86,951	80,162	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60	83,994	82,000	73,984	69,941	61,758	49,102	38,761	37,954	28,908	27,524
65	77,490	75,382	66,064	60,825	52,358	40,718	30,852	31,044	22,302	21,995
70	69,473	67,147	56,375	51,274	42,612	32,579	23,341	24,107	15,871	16,140
75	58,858	56,499	44,841	40,540	32,981	24,668	16,576	17,216	10,657	11,066
80	46,551	44,378	33,373	30,315	23,712	17,157	10,822	11,151	6,324	6,708
85	31,261	30,543	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 1985—Con.

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

Age, race, and sex	Average number of years of life remaining (e_x)									
	1985	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
WHITE, MALE										
0	71.9	70.82	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	71.6	70.70	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	67.8	66.87	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	62.9	61.98	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15	58.0	57.09	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	53.3	52.45	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	48.7	47.92	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	44.0	43.31	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35	39.4	38.66	36.43	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40	34.7	34.04	31.87	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45	30.2	29.55	27.48	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50	25.8	25.26	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	21.7	21.25	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	18.0	17.56	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	14.6	14.26	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	11.6	11.35	10.38	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75	9.0	8.87	8.06	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80	6.8	6.76	6.18	5.89	5.88	5.38	5.26	5.47	5.09	5.10
85	5.1	5.09	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
ALL OTHER, MALE										
0	67.2	65.63	60.98	61.48	58.91	52.33	47.55	47.14	34.05	32.54
1	67.4	66.01	62.13	63.50	61.06	56.05	51.08	51.63	42.53	42.46
5	63.6	62.26	58.48	59.98	57.69	53.13	48.69	50.18	44.25	45.06
10	58.7	57.40	53.67	55.19	52.96	48.54	44.27	45.99	40.65	41.90
15	53.8	52.52	48.84	50.39	48.23	43.95	39.83	41.75	36.77	38.26
20	49.1	47.87	44.37	45.78	43.73	39.74	35.95	38.36	33.46	35.11
25	44.6	43.46	40.29	41.38	39.49	35.94	32.67	35.54	30.44	32.21
30	40.2	39.13	36.20	37.05	35.31	32.25	29.45	32.51	27.33	29.25
35	35.8	34.83	32.16	32.81	31.21	28.67	26.39	29.54	24.42	26.16
40	31.6	30.64	28.29	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45	27.5	26.63	24.64	24.89	23.59	22.02	20.59	23.55	18.85	20.09
50	23.7	22.92	21.24	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55	20.1	19.56	18.14	18.11	17.36	16.67	15.46	17.50	13.82	14.69
60	16.9	16.54	15.35	15.29	14.91	14.38	13.15	14.74	11.67	12.62
65	14.0	13.83	12.87	12.84	12.75	12.18	10.87	12.07	9.74	10.38
70	11.4	11.36	10.68	10.81	10.74	10.06	8.78	9.58	8.00	8.33
75	9.2	9.20	8.99	8.93	8.83	8.09	6.99	7.61	6.58	6.60
80	7.2	7.22	7.57	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85	5.9	5.69	6.04	5.08	5.38	5.08	4.30	4.53	4.48	4.04
WHITE, FEMALE										
0	78.7	76.22	75.49	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1	78.4	77.98	75.66	74.68	72.77	68.93	64.93	61.51	56.69	56.39
5	74.5	74.13	71.86	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10	69.6	69.21	66.97	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15	64.6	64.29	62.07	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20	59.8	59.44	57.24	56.29	54.56	51.38	48.52	46.46	44.88	43.77
25	54.9	54.60	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	50.1	49.76	47.60	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35	45.2	44.93	42.82	41.84	40.28	37.70	35.73	34.86	33.09	32.82
40	40.4	40.16	38.12	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45	35.7	35.49	33.54	32.53	31.12	28.90	27.39	26.98	25.45	25.51
50	31.1	30.96	29.11	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55	26.7	26.61	24.85	23.81	22.58	20.73	19.60	19.40	18.18	18.43
60	22.6	22.45	20.79	19.69	18.64	17.00	16.05	15.93	14.92	15.23
65	18.7	18.55	16.93	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70	15.0	14.89	13.37	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75	11.7	11.58	10.21	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80	8.7	8.65	7.59	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85	6.4	6.32	5.54	4.66	4.83	4.34	4.24	4.24	4.06	4.10
ALL OTHER, FEMALE										
0	75.0	74.00	69.05	66.47	62.70	55.51	49.51	46.92	37.67	35.04
1	75.1	74.31	70.01	68.10	64.37	58.47	52.33	50.39	45.15	43.54
5	71.2	70.53	66.34	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10	66.3	65.84	61.49	59.72	56.17	50.83	45.33	44.54	42.84	43.02
15	61.4	60.73	56.60	54.85	51.36	46.22	40.87	40.36	39.18	39.79
20	56.5	55.88	51.85	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25	51.7	51.11	47.19	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30	47.0	46.39	42.61	40.83	38.02	34.52	30.67	31.48	29.61	30.70
35	42.3	41.72	38.14	36.41	33.82	30.83	27.47	28.58	26.44	27.52
40	37.7	37.16	33.87	32.16	29.82	27.31	24.30	25.60	23.34	24.37
45	32.2	32.77	29.80	28.14	26.07	24.00	21.39	22.61	20.43	21.36
50	28.9	28.59	25.97	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55	24.9	24.66	22.37	20.89	19.62	18.44	16.27	17.09	14.98	15.88
60	21.1	20.99	19.02	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65	17.6	17.60	15.99	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70	14.4	14.44	13.30	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75	11.5	11.68	11.06	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80	8.9	9.17	9.01	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85	7.0	7.19	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, 1900-28, and United States, 1929-85

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

Area and year	All races			White			All other					
	Both sexes	Male	Female	Both sexes	Male	Female	Total			Black		
							Both sexes	Male	Female	Both sexes	Male	Female
UNITED STATES ¹												
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1974	72.0	68.2	75.9	72.8	69.0	76.7	67.1	62.9	71.3	66.0	61.7	70.3
1973	71.4	67.6	75.3	72.2	68.5	76.1	66.1	62.0	70.3	65.0	60.9	69.3
1972 ²	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1	64.7	60.4	69.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8	64.6	60.5	68.9
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1969	70.5	66.8	74.4	71.4	67.7	75.3	64.5	60.6	68.6	---	---	---
1968	70.2	66.6	74.1	71.1	67.5	75.0	64.1	60.4	67.9	---	---	---
1967	70.5	67.0	74.3	71.4	67.8	75.2	64.9	61.4	68.5	---	---	---
1966	70.2	66.7	73.9	71.1	67.5	74.8	64.2	60.9	67.6	---	---	---
1965	70.2	66.8	73.8	71.1	67.6	74.8	64.3	61.2	67.6	---	---	---
1964	70.2	66.8	73.7	71.0	67.7	74.7	64.2	61.3	67.3	---	---	---
1963 ³	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	---	---	---
1962 ³	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 Alaska included in 1959 and Hawaii in 1960.

² Deaths based on a 50-percent sample.

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

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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**