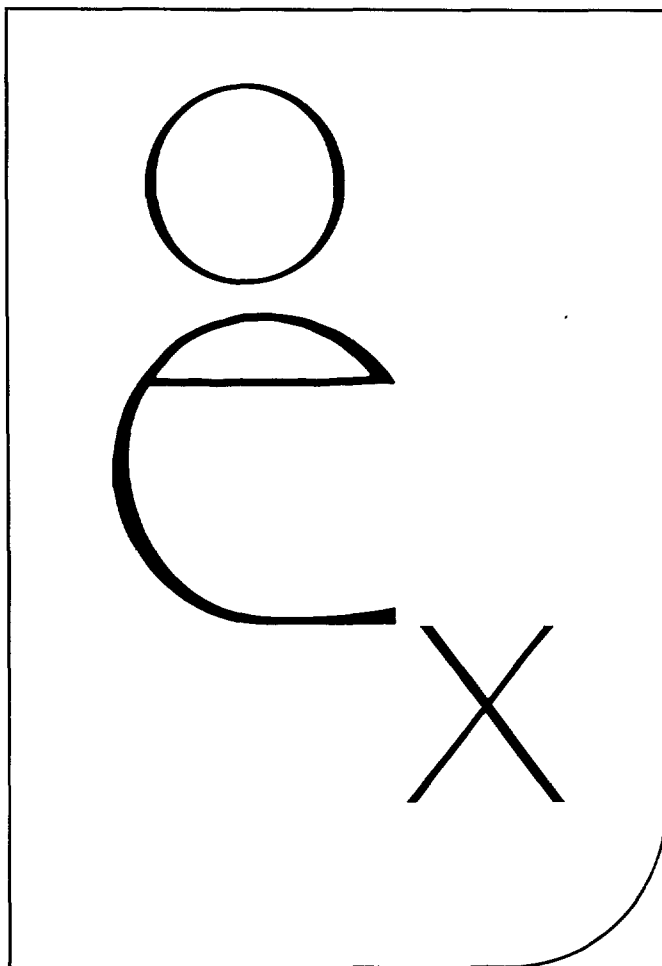


# Vital Statistics of the United States, 1983

Life Tables

Volume II, Section 6



DHHS Publication No. (PHS) 86-1104

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

Hyattsville, Maryland  
September 1986

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SUGGESTED CITATION

National Center for Health Statistics: *Vital Statistics of the United States, 1983*, Vol. II, Sec. 6, Life Tables. DHHS Pub. No. (PHS) 86-1104. Public Health Service, Washington. U.S. Government Printing Office, 1986.

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	TABLE: 6	-1	-2	-3	-4	-5
	PAGE:	6	10	11	12	14
<b>Years:</b>						
1900-1983-----						15
1983 only-----	1	2	3			
Specified years and 1983-----				24		
<b>Type of entry:</b>						
Proportion of dying ( ${}_nq_x$ )-----	1					
Number surviving ( ${}_l x$ )-----	1	2		4		
Number dying ( ${}_n d_x$ )-----	1					
Stationary population ( ${}_n L_x$ and $T_x$ )-----	1					
Average remaining lifetime ( $\bar{e}_x$ )-----	1		3	4		
Average length of life ( $\bar{e}_0$ )-----						5
<b>Characteristics:</b>						
<b>Age by:</b>						
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

<sup>1</sup> Entire United States for 1929-83; death-registration States for 1900-28.

<sup>2</sup> Entire United States for specified years from 1929 to 1983; 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 tables entirely on the basis of actual data for cohorts born in this century.<sup>1</sup> For any cohorts that have not completed their life span, it is necessary to project data for the incomplete period. Generation life tables are useful for projecting mortality.<sup>2</sup>

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 1983 assumes a hypothetical cohort subject throughout its lifetime to the age-specific death rates prevailing for the actual population in 1983. 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 life tables. 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 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 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.<sup>3</sup> Methodology developed by Greville was used in constructing life tables for 1945–52. Since 1953 a modified method has been employed.<sup>4</sup> U.S. life tables for the decennial period 1979–81 are used as the standard table in constructing the 1983 abridged life tables.

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

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

The demand for information regarding up-to-date life table values 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, Deaths, Marriages, and Divorces, United States,” *Monthly Vital Statistics Report*. Values in these life tables are based on population estimates provided by the U.S. Bureau of the Census and on the estimated number of deaths derived from the “Current Mortality Sample” (CMS). The CMS consists of one-tenth of the death certificates filed in the vital statistics registration offices of each State, the District of Columbia, and New York City. The sample is taken by selecting 1 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 1983 are the final mortality statistics and the midyear estimates of the population by age, race, and sex, prepared by the U.S. Bureau of the Census. Selected life table values

for 1900-1902, 1959-61, 1969-71, and 1979-81, and 1983 are shown in tables A and D.

*Expectation of life*—The most frequently used life table statistic is life expectancy ( $e_x$ ), which is the average number of years remaining for persons who have attained a given age ( $x$ ). Life expectancy and other life table values at specified ages in 1983 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 1983 for the total population was 74.6 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 A).

*Survivors to specified ages*—Another way of assessing longevity of the life table cohort is by determining the proportion that survives to specified ages. The  $l_x$  column provides the data for computing the proportion. For instance, for the total population, 78,386 out of the original life table cohort of 100,000 (or 78.4 percent) were alive at exact age 65 in 1983 (tables D and 6-2).

*Median length of life*—In addition to determining the proportion alive at a specified age, one can also compute the median age at death; the age at which exactly half the cohort (50,000 persons) still remain alive and half have died. For example, in 1983 the median age at death for the total population was 78.1 years (table D).

## TRENDS AND COMPARISONS

In 1983 life expectancy in the United States reached a new high of 74.6 years. Among the race-sex groups, white females had the highest life expectancy at birth, 78.7 years, followed by black females, 73.6 years; white males, 71.7 years; and black males, 65.4 years (table A). The same order in life expectancy was maintained by each of the race-sex groups at ages 1, 20, and 65 years.

Between 1979-81 and 1983, the greatest increase was for black males, who could expect to live an average of 1.3 years longer at the end of the period than at the beginning. For the other race-sex groups the increases were white males, 0.9 years; black females, 0.7 years; and white females, 0.5 years.

Life expectancy has improved for males and females of both major race groups since the beginning of the century. For white and black males the average number of years of life added annually in the most recent period (1969-71 to 1983) was the same as that added during the previous 69-year period (1900-1902 to 1969-71). This was 0.3 years for white males and 0.4 years for black males (table B). But for white and black females improvements were greater during the earlier period than during the more recent period. White women added 0.4 years annually compared with 0.2 years, and black women added 0.5 years in the

**Table A. Expectation of life at selected ages, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1983**

Life table value, period, and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
<b>Expectation of life:</b>							
<b>At birth</b>							
1983 -----	74.6	71.7	78.7	67.2	74.9	65.4	73.6
1979-81 -----	73.88	70.82	78.22	65.63	74.00	64.10	72.88
1969-71 -----	70.75	67.94	75.49	60.98	69.05	60.00	68.32
1959-61 -----	69.89	67.55	74.19	61.48	66.47	---	---
1900-1902 -----	49.24	48.23	51.08	---	---	32.54	35.04
<b>At age 1 year</b>							
1983 -----	74.5	71.5	78.4	67.4	75.1	65.9	73.9
1979-81 -----	73.82	70.70	77.98	66.01	74.31	64.60	73.31
1969-71 -----	71.19	68.33	75.66	62.13	70.01	61.24	69.37
1959-61 -----	70.75	68.34	74.68	63.50	68.10	---	---
1900-1902 -----	55.20	54.61	56.39	---	---	42.46	43.54
<b>At age 20 years</b>							
1983 -----	56.0	53.1	59.8	49.1	56.6	47.6	55.4
1979-81 -----	55.46	52.45	59.44	47.87	55.88	46.48	54.90
1969-71 -----	53.00	50.22	57.24	44.37	51.85	43.49	51.22
1959-61 -----	52.58	50.25	56.29	45.78	50.07	---	---
1900-1902 -----	42.79	42.19	43.77	---	---	35.11	36.89
<b>At age 65 years</b>							
1983 -----	16.7	14.5	18.7	14.1	17.9	13.4	17.3
1979-81 -----	16.51	14.26	18.55	13.83	17.60	13.29	17.13
1969-71 -----	15.00	13.02	16.93	12.87	15.99	12.53	15.67
1959-61 -----	14.39	12.97	15.88	12.84	15.12	---	---
1900-1902 -----	11.86	11.51	12.23	---	---	10.38	11.38

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**Table B. Average annual change in life expectancy at birth in years, by race and sex: United States, 1900-1902 to 1969-71 and 1969-71 to 1983**

Period	White		Black	
	Male	Female	Male	Female
1969-71 to 1983-----	0.3	0.2	0.4	0.4
1900-1902 to 1969-71-----	0.3	0.4	0.4	0.5

earlier period compared with 0.4 years during the more recent period.

Between males and females, differences in expectation of life widened for many years after the beginning of the century, but in more recent years the differences have narrowed (table C). For the white population the difference between males and females increased from 2.9 years in 1900-1902 to 7.6 years by 1969-71; the difference narrowed to 7.0 years by 1983. For the black population the difference increased from 2.5 years in 1900-1902 to 8.8 by 1979-81; it narrowed to 8.2 years by 1983.

Between the races, life expectancy differences generally narrowed since the beginning of the century (table C). By 1983 white males had a life expectancy of 6.3 years greater than black males compared with a difference of 15.7 years in 1900-1902. For women the race difference in life expectancy during this period diminished from 16.0 years in 1900-1902 to 5.1 years by 1983.

**Table C. Differences in life expectancy between males and females, by race, and between white and black persons, by sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1983**

Period	Both sexes		Race	
	White	Black	Male	Female
1983-----	7.0	8.2	6.3	5.1
1979-81-----	7.40	8.78	6.72	5.34
1969-71-----	7.55	8.32	7.94	7.17
1959-61-----	6.64	---	---	---
1900-1902-----	2.85	2.50	15.69	16.04

In 1983 the percent surviving from birth to age 65 years had the same order among the race-sex groups as did life expectancy. The percent for white females was 85.3; black females, 74.5; white males, 74.1; and black males, 57.9. Median age at death in 1983 also showed the same order among the race-sex groups as both life expectancy and percent surviving to age 65 (table D).

**TECHNICAL APPENDIX**

The geographic areas covered in life tables before 1929-31 were limited to the death-registration areas. Life tables for 1900-1902 and 1909-11 were constructed using mortality data from the 1900 death-registration States—10

**Table D. Percent surviving from birth to selected ages, and median age at death, by race and sex: Death-registration States, 1900-1902, and United States, 1959-61, 1969-71, 1979-81, and 1983**

Life table value, period, and age	Total	White		All other			
		Male	Female	Total		Black	
				Male	Female	Male	Female
<b>Percent surviving from birth:</b>							
To age 1 year							
1983-----	98.9	98.9	99.1	98.2	98.5	97.9	98.3
1979-81-----	98.7	98.8	99.0	97.9	98.3	97.7	98.1
1969-71-----	98.0	98.0	98.5	96.6	97.2	96.4	97.1
1959-61-----	97.4	97.4	98.0	95.3	96.2	---	---
1900-1902-----	87.6	86.7	88.9	---	---	74.7	78.5
To age 20 years							
1983-----	98.0	97.8	98.5	96.9	97.7	96.6	97.5
1979-81-----	97.7	97.5	98.4	96.4	97.4	96.1	97.2
1969-71-----	96.7	96.5	97.6	94.3	95.9	94.1	95.7
1959-61-----	96.1	95.9	97.1	93.1	94.7	---	---
1900-1902-----	77.2	76.4	79.0	---	---	56.7	59.1
To age 65 years							
1983-----	78.4	74.1	85.3	61.7	76.9	57.9	74.5
1979-81-----	77.1	72.4	84.8	58.5	75.4	55.1	73.3
1969-71-----	71.9	66.3	81.6	49.6	66.1	47.5	64.7
1959-61-----	71.1	65.8	80.7	51.4	60.8	---	---
1900-1902-----	40.9	39.2	43.8	---	---	19.0	22.0
<b>Median age at death:</b>							
1983-----	78.1	74.9	82.1	70.4	78.5	68.7	77.1
1979-81-----	77.6	74.2	81.8	69.0	77.8	67.4	76.6
1969-71-----	74.9	71.5	79.5	64.8	72.8	63.8	72.2
1959-61-----	74.3	71.4	78.5	65.6	70.6	---	---
1900-1902-----	58.4	57.2	60.6	---	---	29.8	34.3



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 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 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 ( $\hat{e}_x$ ) for single calendar years before the annual abridged life table series in 1945 was initiated. The figures in table 6–5 for the following years and race and sex groups were estimated to meet these needs.<sup>5</sup>

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 1983 life table values are estimated as of July 1, 1983<sup>6</sup> 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.<sup>7</sup>

### 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 0.0081; out of every 1,000 males alive and exactly 20 years old 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, 98,770 will complete the first year of life and enter the second; 98,525 will begin the sixth year; 97,642 will reach age 20; and 19,155 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, 1,230 will die in the first year of life; 245 in the succeeding 4 years; 791 in the 5-year period between exact ages 20 and 25, and 19,155 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 an individual left the group, either by death or by growing older and entering the next higher age group, his place would immediately be taken by someone entering from the next lower age group. Thus a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday 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 486,275. 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 486,275 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 5,137,899 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 7,104,901.

*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 486,275 for males in the age interval 20–25 is the total number of years lived between the 20th and 25th birthdays by the 97,642 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure 5,137,899 in column 6 is the total number of years lived after attaining age 20 by the 97,642 reaching that age. This number of years divided by the number of persons (5,137,899 divided by 97,642) gives 52.6 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 that 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.

## 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 -----	*

## REFERENCES

<sup>1</sup>U.S. Bureau of the Census, H. S. Shryock, J. S. Siegel, and Associates: *The methods and materials of demography*. Vol. 2. Washington. U.S. Government Printing Office, 1975.

<sup>2</sup>National Center for Health Statistics, I. M. Moriyama and S. O. Gustavus: Cohort mortality and survivorship, United States Death-Registration States, 1900–68. *Vital and Health Statistics*. Series 3, No. 16. DHEW Pub. No. (HSM) 73–1400. Health Services and Mental Health Administration. Washington. U.S. Government Printing Office, Nov. 1972.

<sup>3</sup>National Office of Vital Statistics, T. N. E. Greville: Method of constructing the abridged life tables for the United States, 1949. *Vital Statistics-Special Reports*. Vol. 33, No. 15. Public Health Service. Washington, D.C., 1953.

<sup>4</sup>National Center for Health Statistics: 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, Mar. 1966.

<sup>5</sup>For estimating procedure, see National Office of Vital Statistics, "Estimated average length of life in the death-registration States," T. N. E. Greville and G. A. Carlson, *Vital Statistics-Special Reports*. Vol. 33, No. 9. Public Health Service, Washington, D.C., 1951.

<sup>6</sup>U.S. Bureau of the Census: Estimates of the population of the United States, by age, sex, and race, 1980 to 1984. *Current Population Reports*. Series P–25, No. 965. Washington. U.S. Government Printing Office, Mar. 1985.

<sup>7</sup>U.S. Bureau of the Census: Preliminary estimates of the population of the United States, by age, sex, and race, 1970 to 1981. *Current Population Reports*. Series P–25, No. 917. Washington. U.S. Government Printing Office, July 1982.

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1983

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 $x + n$	$nq_x$	$l_x$	$n^d_x$	$n^L_x$	$T_x$	$e_x^o$
<b>ALL RACES</b>						
0-1 .....	0.0111	100,000	1,115	99,047	7,462,729	74.6
1-5 .....	.0022	98,885	217	395,032	7,363,682	74.5
5-10 .....	.0013	98,668	131	492,983	6,968,650	70.6
10-15 .....	.0013	98,537	132	492,429	6,475,667	65.7
15-20 .....	.0041	98,405	399	491,120	5,983,238	60.8
20-25 .....	.0054	98,006	533	488,724	5,492,118	56.0
25-30 .....	.0057	97,479	559	485,866	5,003,394	51.3
30-35 .....	.0064	96,914	622	483,052	4,517,428	46.6
35-40 .....	.0083	96,292	796	479,583	4,034,376	41.9
40-45 .....	.0123	95,496	1,176	474,750	3,554,793	37.2
45-50 .....	.0201	94,320	1,900	467,198	3,080,043	32.7
50-55 .....	.0326	92,420	3,015	455,036	2,612,846	28.3
55-60 .....	.0507	89,405	4,536	436,337	2,157,809	24.1
60-65 .....	.0764	84,869	6,483	409,016	1,721,472	20.3
65-70 .....	.1109	78,386	8,695	371,131	1,312,456	16.7
70-75 .....	.1641	69,691	11,437	320,857	941,325	13.5
75-80 .....	.2360	58,254	13,746	257,743	620,468	10.7
80-85 .....	.3460	44,508	15,400	184,248	362,725	8.1
85 and over .....	1.0000	29,108	29,108	178,477	178,477	6.1
<b>MALE</b>						
0-1 .....	.0123	100,000	1,230	98,948	7,104,901	71.0
1-5 .....	.0025	98,770	245	394,512	7,005,953	70.9
5-10 .....	.0015	98,525	153	492,208	6,611,441	67.1
10-15 .....	.0017	98,372	164	491,561	6,119,233	62.2
15-20 .....	.0058	98,208	566	489,773	5,627,672	57.3
20-25 .....	.0081	97,642	791	485,275	5,137,899	52.6
25-30 .....	.0084	96,851	809	482,210	4,651,624	48.0
30-35 .....	.0091	96,042	872	478,056	4,169,414	43.4
35-40 .....	.0111	95,170	1,052	473,353	3,691,358	38.8
40-45 .....	.0160	94,118	1,502	467,094	3,218,005	34.2
45-50 .....	.0260	92,616	2,407	457,510	2,750,911	29.7
50-55 .....	.0423	90,209	3,811	442,124	2,293,401	25.4
55-60 .....	.0669	86,398	5,783	418,346	1,851,277	21.4
60-65 .....	.1004	80,615	8,092	383,890	1,432,931	17.8
65-70 .....	.1474	72,523	10,691	336,890	1,049,041	14.5
70-75 .....	.2174	61,832	13,442	276,322	712,151	11.5
75-80 .....	.3085	48,390	14,929	204,760	435,829	9.0
80-85 .....	.4275	33,461	14,306	130,716	231,069	6.9
85 and over .....	1.0000	19,155	19,155	100,353	100,353	5.2
<b>FEMALE</b>						
0-1 .....	.0099	100,000	994	99,152	7,813,762	78.1
1-5 .....	.0019	99,006	188	395,574	7,714,610	77.9
5-10 .....	.0011	98,818	109	493,793	7,319,036	74.1
10-15 .....	.0010	98,709	98	493,333	6,825,243	69.1
15-20 .....	.0023	98,611	227	492,523	6,331,910	64.2
20-25 .....	.0027	98,384	270	491,257	5,839,387	59.4
25-30 .....	.0031	98,114	306	489,821	5,348,130	54.5
30-35 .....	.0038	97,808	373	488,151	4,858,309	49.7
35-40 .....	.0055	97,435	541	485,918	4,370,158	44.9
40-45 .....	.0088	96,894	852	482,498	3,884,240	40.1
45-50 .....	.0146	96,042	1,399	476,966	3,401,742	35.4
50-55 .....	.0236	94,643	2,229	467,988	2,924,776	30.9
55-60 .....	.0380	92,414	3,331	454,233	2,456,798	26.6
60-65 .....	.0550	89,083	4,903	433,871	2,002,555	22.5
65-70 .....	.0804	84,180	6,765	404,873	1,568,884	18.6
70-75 .....	.1232	77,415	9,534	364,464	1,163,811	15.0
75-80 .....	.1867	67,881	12,676	309,211	799,347	11.8
80-85 .....	.2986	55,205	16,486	235,961	490,136	8.9
85 and over .....	1.0000	38,719	38,719	254,175	254,175	6.6

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1983—Con.

Age interval	Proportion dying	Of 100,000 born alive		Stationary population		Average remaining lifetime
		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
(1)	(2)	(3)	(4)	(5)	(6)	(7)
$x$ to $x + n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>WHITE</b>						
0-1	0.0097	100,000	973	99,166	7,521,480	75.2
1-5	.0220	99,027	199	385,642	7,422,314	75.0
5-10	.0012	98,828	123	493,806	7,026,672	71.1
10-15	.0013	98,705	127	493,283	6,532,866	66.2
15-20	.0041	98,578	403	491,973	6,039,583	61.3
20-25	.0051	98,175	504	489,831	5,547,610	56.5
25-30	.0052	97,671	506	487,077	5,057,979	51.8
30-35	.0056	97,165	542	484,500	4,570,902	47.0
35-40	.0072	96,623	699	481,468	4,086,402	42.3
40-45	.0109	95,924	1,045	477,200	3,604,934	37.6
45-50	.0181	94,879	1,716	470,441	3,127,734	33.0
50-55	.0303	93,163	2,819	459,239	2,657,293	28.5
55-60	.0478	90,344	4,316	441,589	2,198,054	24.3
60-65	.0729	86,028	6,274	415,352	1,756,465	20.4
65-70	.1083	79,754	8,637	378,168	1,341,113	16.8
70-75	.1607	71,117	11,431	328,061	962,945	13.5
75-80	.2349	59,686	14,021	264,310	634,894	10.6
80-85	.3443	45,665	15,720	183,233	370,574	8.1
85 and over	1.0000	29,945	29,945	181,291	181,291	6.1
<b>WHITE, MALE</b>						
0-1	.0103	100,000	1,073	99,076	7,167,913	71.7
1-5	.0223	99,921	224	335,165	7,058,837	71.5
5-10	.0015	99,697	145	493,083	6,673,671	67.6
10-15	.0016	99,552	158	492,478	6,180,582	62.7
15-20	.0058	99,334	573	490,681	5,688,104	57.8
20-25	.0077	97,821	754	487,245	5,197,423	53.1
25-30	.0076	97,067	734	483,464	4,710,178	48.5
30-35	.0079	96,333	753	473,785	4,226,714	43.9
35-40	.0095	95,574	922	475,683	3,746,923	39.2
40-45	.0141	94,652	1,330	470,179	3,271,245	34.6
45-50	.0233	93,322	2,172	461,615	2,801,066	30.0
50-55	.0393	91,150	3,580	447,409	2,339,451	25.7
55-60	.0634	87,570	5,549	424,819	1,892,042	21.6
60-65	.0951	82,022	7,956	391,482	1,467,223	17.9
65-70	.1447	74,135	10,725	344,951	1,075,741	14.5
70-75	.2144	63,411	13,533	283,920	730,790	11.5
75-80	.3093	49,818	15,409	210,758	446,870	9.0
80-85	.4270	34,410	14,692	134,473	236,112	6.9
85 and over	1.0000	19,718	19,718	101,639	101,639	5.2
<b>WHITE, FEMALE</b>						
0-1	.0086	100,000	860	99,262	7,868,436	78.7
1-5	.0017	99,140	172	395,147	7,769,174	78.4
5-10	.0010	98,968	102	494,564	7,373,027	74.5
10-15	.0009	98,865	94	494,131	6,878,463	69.6
15-20	.0023	98,772	226	493,330	6,384,332	64.6
20-25	.0025	98,546	243	492,115	5,891,002	59.8
25-30	.0028	98,298	271	493,823	5,398,837	54.9
30-35	.0033	98,027	321	489,369	4,908,064	50.1
35-40	.0048	97,706	473	487,429	4,418,695	45.2
40-45	.0078	97,233	759	484,412	3,931,266	40.4
45-50	.0130	96,474	1,256	479,470	3,446,854	35.7
50-55	.0216	95,218	2,057	471,285	2,967,384	31.2
55-60	.0335	93,161	3,124	458,478	2,496,099	26.8
60-65	.0521	90,037	4,689	439,178	2,037,621	22.6
65-70	.0776	85,348	6,625	411,083	1,589,443	18.7
70-75	.1195	78,723	9,406	371,372	1,187,350	15.1
75-80	.1848	69,317	12,811	316,178	815,978	11.8
80-85	.2868	56,506	16,770	241,851	499,800	8.8
85 and over	1.0000	39,736	39,736	257,949	257,949	6.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1983—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 $x + n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>ALL OTHER</b>						
0-1 .....	0.0168	100,000	1,678	98,575	7,111,076	71.1
1-5 .....	.0030	98,322	295	392,596	7,012,501	71.3
5-10 .....	.0017	98,027	165	489,679	6,619,905	67.5
10-15 .....	.0016	97,862	155	488,985	6,130,226	62.6
15-20 .....	.0039	97,707	383	487,684	5,641,241	57.7
20-25 .....	.0070	97,324	680	485,016	5,153,557	53.0
25-30 .....	.0087	96,644	845	481,168	4,668,541	48.3
30-35 .....	.0113	95,799	1,078	476,393	4,187,373	43.7
35-40 .....	.0148	94,721	1,405	470,283	3,710,980	39.2
40-45 .....	.0214	93,316	1,995	461,894	3,240,697	34.7
45-50 .....	.0337	91,321	3,078	449,377	2,778,803	30.4
50-55 .....	.0488	88,243	4,311	430,979	2,329,426	26.4
55-60 .....	.0734	83,932	6,160	404,891	1,898,447	22.6
60-65 .....	.1056	77,772	8,209	369,019	1,493,556	19.2
65-70 .....	.1334	69,563	9,282	325,180	1,124,537	16.2
70-75 .....	.1944	60,281	11,717	272,668	799,357	13.3
75-80 .....	.2455	48,564	11,922	213,157	526,689	10.8
80-85 .....	.3651	36,642	13,380	149,516	313,532	8.6
85 and over .....	1.0000	23,262	23,262	164,016	164,016	7.1
<b>ALL OTHER, MALE</b>						
0-1 .....	.0183	100,000	1,832	98,436	6,715,783	67.2
1-5 .....	.0034	98,168	336	391,895	6,617,347	67.4
5-10 .....	.0019	97,832	186	488,647	6,225,452	63.6
10-15 .....	.0020	97,646	191	487,848	5,736,805	58.8
15-20 .....	.0055	97,455	535	486,104	5,248,957	53.9
20-25 .....	.0103	96,920	996	482,261	4,762,853	49.1
25-30 .....	.0129	95,924	1,239	476,600	4,280,592	44.6
30-35 .....	.0165	94,685	1,565	469,617	3,803,992	40.2
35-40 .....	.0208	93,120	1,939	460,974	3,334,375	35.8
40-45 .....	.0291	91,181	2,651	449,646	2,873,401	31.5
45-50 .....	.0451	88,530	3,993	433,254	2,423,755	27.4
50-55 .....	.0643	84,537	5,432	409,738	1,990,501	23.5
55-60 .....	.0957	79,105	7,569	377,242	1,580,763	20.0
60-65 .....	.1375	71,536	9,837	333,740	1,203,521	16.8
65-70 .....	.1721	61,699	10,618	282,315	869,781	14.1
70-75 .....	.2451	51,081	12,519	224,266	587,466	11.5
75-80 .....	.3014	38,562	11,824	163,480	363,200	9.4
80-85 .....	.4366	26,938	11,761	104,574	199,720	7.4
85 and over .....	1.0000	15,177	15,177	95,146	95,146	6.3
<b>ALL OTHER, FEMALE</b>						
0-1 .....	.0152	100,000	1,518	98,719	7,492,103	74.9
1-5 .....	.0026	98,482	254	393,322	7,393,394	75.1
5-10 .....	.0015	98,228	144	490,742	7,000,062	71.3
10-15 .....	.0012	98,084	117	490,157	6,509,320	66.4
15-20 .....	.0023	97,967	228	489,312	6,019,163	61.4
20-25 .....	.0039	97,739	379	487,800	5,529,851	56.6
25-30 .....	.0050	97,360	485	485,639	5,042,051	51.8
30-35 .....	.0066	96,875	644	482,848	4,556,412	47.0
35-40 .....	.0098	96,231	939	478,970	4,073,564	42.3
40-45 .....	.0148	95,292	1,407	473,182	3,594,594	37.7
45-50 .....	.0240	93,885	2,258	464,143	3,121,412	33.2
50-55 .....	.0360	91,627	3,303	450,320	2,657,269	29.0
55-60 .....	.0546	88,324	4,825	430,149	2,206,949	25.0
60-65 .....	.0790	83,499	6,595	401,700	1,776,800	21.3
65-70 .....	.1031	76,904	7,928	365,422	1,375,100	17.9
70-75 .....	.1559	68,976	10,755	318,898	1,009,678	14.6
75-80 .....	.2054	58,221	11,960	261,763	690,780	11.9
80-85 .....	.3211	46,261	14,853	194,429	429,017	9.3
85 and over .....	1.0000	31,408	31,408	234,588	234,588	7.5

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Table 6-1. Abridged Life Tables by Race and Sex: United States, 1983—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 $x + n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>BLACK</b>						
0-1	0.0192	100,000	1,917	98,365	6,957,951	69.6
1-5	.0033	98,083	319	391,583	6,859,586	69.9
5-10	.0018	97,764	172	488,343	6,468,003	66.2
10-15	.0017	97,592	166	487,608	5,979,660	61.3
15-20	.0040	97,426	390	486,267	5,492,052	56.4
20-25	.0074	97,036	722	483,490	5,005,785	51.6
25-30	.0097	96,314	938	479,309	4,522,295	47.0
30-35	.0131	95,376	1,252	473,868	4,042,986	42.4
35-40	.0174	94,124	1,637	466,903	3,569,118	37.9
40-45	.0247	92,487	2,281	457,069	3,102,215	33.5
45-50	.0384	90,206	3,460	442,884	2,645,146	29.3
50-55	.0553	86,746	4,801	422,297	2,202,262	25.4
55-60	.0818	81,945	6,707	393,594	1,779,965	21.7
60-65	.1169	75,238	9,796	354,843	1,386,371	18.4
65-70	.1444	66,442	9,592	308,744	1,031,528	15.5
70-75	.2100	56,850	11,937	254,871	722,784	12.7
75-80	.2627	44,913	11,798	195,099	467,913	10.4
80-85	.3859	33,115	12,780	133,253	272,814	8.2
85 and over	1.0000	20,335	20,335	139,561	139,561	6.9
<b>BLACK, MALE</b>						
0-1	0.0210	100,000	2,105	98,193	6,544,669	65.4
1-5	.0037	97,895	361	390,744	6,446,476	65.9
5-10	.0020	97,534	195	487,130	6,055,732	62.1
10-15	.0021	97,339	202	486,282	5,568,602	57.2
15-20	.0056	97,137	546	484,493	5,082,320	52.3
20-25	.0110	96,591	1,055	480,472	4,597,827	47.6
25-30	.0145	95,526	1,382	474,285	4,117,355	43.1
30-35	.0194	94,144	1,827	466,292	3,643,070	38.7
35-40	.0248	92,317	2,290	456,112	3,176,778	34.4
40-45	.0340	90,027	3,050	442,891	2,720,666	30.2
45-50	.0523	86,967	4,545	424,037	2,277,775	26.2
50-55	.0728	82,421	6,001	397,747	1,853,688	22.5
55-60	.1064	76,420	8,128	362,397	1,455,941	19.1
60-65	.1517	69,292	10,359	316,132	1,093,544	16.0
65-70	.1867	57,933	10,816	262,903	777,412	13.4
70-75	.2656	47,117	12,514	204,314	514,509	10.9
75-80	.3236	34,603	11,199	144,575	310,195	9.0
80-85	.4597	23,404	10,760	89,283	165,620	7.1
85 and over	1.0000	12,644	12,644	76,337	76,337	6.0
<b>BLACK, FEMALE</b>						
0-1	0.0172	100,000	1,723	98,543	7,359,166	73.6
1-5	.0028	98,277	276	392,445	7,260,623	73.9
5-10	.0015	98,001	150	483,586	6,868,178	70.1
10-15	.0013	97,851	125	488,971	6,378,592	65.2
15-20	.0024	97,726	233	489,039	5,889,621	60.3
20-25	.0041	97,493	404	486,519	5,401,522	55.4
25-30	.0055	97,083	535	484,173	4,915,003	50.6
30-35	.0077	96,554	742	481,015	4,430,830	45.9
35-40	.0112	95,812	1,073	476,558	3,949,815	41.2
40-45	.0168	94,739	1,592	469,985	3,473,257	36.7
45-50	.0268	93,147	2,496	459,889	3,003,272	32.2
50-55	.0408	90,651	3,702	444,480	2,543,389	28.1
55-60	.0609	86,949	5,296	422,123	2,098,903	24.1
60-65	.0882	81,653	7,203	390,945	1,676,780	20.5
65-70	.1191	74,450	8,332	352,123	1,285,835	17.3
70-75	.1691	66,118	11,179	303,501	933,712	14.1
75-80	.2206	54,939	12,120	244,881	630,211	11.5
80-85	.3421	42,819	14,649	177,592	385,330	9.0
85 and over	1.0000	28,170	28,170	207,738	207,738	7.4

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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, 1983

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
1	98,885	98,770	99,006	99,027	98,921	99,140	98,322	98,168	98,482	98,063	97,895	98,277
2	98,810	98,685	98,943	98,958	98,842	99,082	98,225	98,056	98,399	97,977	97,775	98,187
3	98,752	98,620	98,892	98,905	98,783	99,036	98,145	97,965	98,331	97,891	97,677	98,112
4	98,706	98,568	98,851	98,863	98,736	98,999	98,080	97,892	98,275	97,821	97,598	98,051
5	98,668	98,525	98,818	98,828	98,697	98,968	98,027	97,832	98,228	97,764	97,534	98,001
6	98,635	98,487	98,790	98,798	98,662	98,942	97,983	97,782	98,189	97,717	97,481	97,960
7	98,606	98,453	98,766	98,771	98,630	98,920	97,946	97,740	98,157	97,678	97,437	97,926
8	98,580	98,422	98,745	98,746	98,600	98,900	97,914	97,705	98,130	97,646	97,400	97,898
9	98,557	98,395	98,726	98,724	98,574	98,882	97,887	97,674	98,106	97,618	97,368	97,873
10	98,537	98,372	98,709	98,705	98,552	98,866	97,862	97,646	98,084	97,592	97,339	97,851
11	98,520	98,352	98,694	98,689	98,534	98,852	97,838	97,619	98,064	97,566	97,310	97,829
12	98,502	98,332	98,679	98,673	98,516	98,838	97,813	97,590	98,043	97,539	97,279	97,807
13	98,480	98,306	98,661	98,652	98,492	98,821	97,785	97,556	98,021	97,508	97,242	97,783
14	98,449	98,267	98,639	98,622	98,453	98,800	97,750	97,512	97,996	97,471	97,196	97,756
15	98,405	98,208	98,611	98,578	98,394	98,772	97,707	97,455	97,967	97,426	97,137	97,726
16	98,347	98,128	98,575	98,519	98,312	98,737	97,653	97,383	97,933	97,372	97,064	97,691
17	98,275	98,028	98,533	98,446	98,210	98,694	97,589	97,295	97,893	97,307	96,975	97,651
18	98,192	97,911	98,485	98,361	98,090	98,646	97,513	97,190	97,848	97,230	96,868	97,605
19	98,101	97,781	98,435	98,270	97,959	98,596	97,425	97,065	97,797	97,140	96,741	97,553
20	98,006	97,642	98,384	98,175	97,821	98,546	97,324	96,920	97,739	97,036	96,591	97,493
21	97,906	97,495	98,332	98,078	97,677	98,497	97,209	96,754	97,674	96,917	96,416	97,425
22	97,801	97,339	98,279	97,978	97,527	98,448	97,081	96,567	97,603	96,782	96,218	97,350
23	97,693	97,178	98,225	97,876	97,374	98,399	96,942	96,363	97,526	96,634	96,000	97,280
24	97,583	97,014	98,170	97,773	97,220	98,349	96,796	96,147	97,445	96,477	95,768	97,181
25	97,473	96,851	98,114	97,671	97,067	98,298	96,644	95,924	97,360	96,314	95,526	97,089
26	97,362	96,689	98,056	97,569	96,917	98,246	96,488	95,695	97,272	96,144	95,275	96,993
27	97,251	96,528	97,997	97,468	96,770	98,193	96,327	95,458	97,180	95,967	95,014	96,893
28	97,140	96,368	97,936	97,367	96,624	98,139	96,159	95,213	97,083	95,781	94,741	96,787
29	97,028	96,206	97,873	97,266	96,479	98,084	95,984	94,956	96,982	95,585	94,452	96,674
30	96,914	96,042	97,808	97,165	96,333	98,027	95,799	94,685	96,875	95,376	94,144	96,554
31	96,797	95,875	97,741	97,062	96,186	97,969	95,604	94,399	96,762	95,153	93,815	96,425
32	96,677	95,705	97,671	96,957	96,038	97,909	95,399	94,098	96,642	94,916	93,466	96,287
33	96,553	95,531	97,597	96,850	95,887	97,846	95,184	93,784	96,515	94,665	93,099	96,140
34	96,425	95,353	97,519	96,739	95,733	97,779	94,958	93,458	96,378	94,401	92,716	95,982
35	96,292	95,170	97,435	96,623	95,574	97,706	94,721	93,120	96,231	94,124	92,317	95,812
36	96,152	94,980	97,344	96,501	95,408	97,627	94,472	92,769	96,071	93,833	91,901	95,629
37	96,004	94,782	97,245	96,371	95,236	97,541	94,209	92,402	95,898	93,525	91,466	95,431
38	95,846	94,574	97,138	96,232	95,053	97,447	93,930	92,017	95,711	93,199	91,010	95,217
39	95,677	94,353	97,021	96,084	94,859	97,345	93,633	91,611	95,509	92,854	90,531	94,987
40	95,496	94,118	96,894	95,924	94,652	97,233	93,316	91,181	95,292	92,487	90,027	94,799
41	95,300	93,866	96,755	95,751	94,430	97,110	92,978	90,726	95,058	92,097	89,472	94,623
42	95,098	93,594	96,602	95,563	94,189	96,974	92,616	90,242	94,805	91,681	88,937	94,184
43	94,856	93,298	96,434	95,357	93,824	96,824	92,224	89,721	94,529	91,232	88,336	93,870
44	94,601	92,973	96,248	95,130	93,639	96,658	91,794	89,153	94,224	90,743	87,683	93,526
45	94,320	92,616	96,042	94,879	93,322	96,474	91,321	88,530	93,885	90,206	86,967	93,147
46	94,010	92,222	95,814	94,602	92,971	96,271	90,800	87,846	93,509	89,617	86,182	92,731
47	93,668	91,788	95,563	94,296	92,584	96,047	90,229	87,101	93,095	88,974	85,329	92,275
48	93,291	91,311	95,286	93,957	92,155	95,799	89,610	86,298	92,642	88,279	84,412	91,777
49	92,876	90,786	94,960	93,581	91,679	95,524	88,948	85,442	92,153	87,536	83,441	91,236
50	92,420	90,209	94,643	93,163	91,150	95,218	88,243	84,537	91,627	86,746	82,421	90,651
51	91,919	89,577	94,272	92,700	90,565	94,879	87,495	83,583	91,063	85,907	81,352	90,019
52	91,370	88,866	93,866	92,189	89,920	94,505	86,698	82,573	90,456	85,016	80,228	89,336
53	90,770	88,130	93,420	91,628	89,210	94,094	85,845	81,498	89,802	84,064	79,040	88,599
54	90,116	87,302	92,937	91,014	88,428	93,647	84,926	80,345	89,093	83,043	77,774	87,805
55	89,405	86,398	92,414	90,344	87,570	93,161	83,932	79,105	88,324	81,945	76,420	86,949
56	88,633	85,413	91,849	89,615	86,631	92,635	82,862	77,777	87,493	80,770	74,980	86,031
57	87,798	84,344	91,239	88,823	85,609	92,065	81,717	76,363	86,599	79,519	73,454	85,050
58	86,895	83,189	90,578	87,964	84,501	91,446	80,490	74,856	85,638	78,185	71,836	83,998
59	85,920	81,947	89,861	87,034	83,306	90,772	79,176	73,248	84,606	76,759	70,116	82,868
60	84,869	80,615	89,063	86,028	82,022	90,037	77,772	71,536	83,499	75,238	68,292	81,653
61	83,738	79,192	88,238	84,944	80,648	89,237	76,270	69,714	82,310	73,614	66,356	80,346
62	82,524	77,674	87,324	83,777	79,179	88,368	74,675	67,789	81,041	71,893	64,316	78,950
63	81,227	76,058	86,342	82,525	77,609	87,430	73,008	65,789	79,706	70,102	62,206	77,485
64	79,848	74,342	85,294	81,185	75,930	86,424	71,298	63,750	78,323	68,277	60,068	75,979
65	78,386	72,523	84,180	79,754	74,136	85,348	69,563	61,699	76,904	66,442	57,933	74,450
66	76,840	70,603	82,999	78,231	72,227	84,200	67,818	59,654	75,459	64,615	55,822	72,909
67	75,208	68,581	81,744	76,612	70,204	82,973	66,054	57,607	73,977	62,784	53,727	71,346
68	73,479	66,450	80,404	74,891	68,062	81,658	64,238	55,525	72,429	60,912	51,610	69,724
69	71,643	64,202	78,965	73,061	65,798	80,245	62,324	53,360	70,771	58,946	49,418	67,993
70	69,691	61,832	77,415	71,117	63,411	78,723	60,281	51,081	68,976	56,850	47,117	66,118
71	67,621	59,342	75,747	69,057	60,905	77,087	58,094	48,675	67,027	54,608	44,693	64,082
72	65,436	56,741	73,959	66,883	58,287	75,333	55,781	46,165	64,936	52,241	42,171	61,901
73	63,141	54,040	72,051	64,596	55,562	73,456	53,384	43,600	62,740	49,796	39,603	59,614
74	60,745	51,252	70,025	62,196	52,736	71,452	50,964	41,049	60,490	47,338	37,063	57,280
75	58,254	48,390	67,881	59,686	49,818	69,317	48,564	38,562	58,221	44,913	34,603	54,939
76	55,673	45,469	65,616	57,070	46,821	67,046	46,197	36,155	55,941	42,538	32,242	52,601
77	53,005	42,501	63,223	54,353	43,762	64,634	43,850	33,818	53,636	40,200	29,971	50,252
78	50,253	39,500	60,695	51,542	40,659	62,077	41,495	31,523	51,275	37,871	27,761	47,861
79	47,419	36,481	58,025	48,643	37,534	59,369	39,101	29,238	48,826	35,518	25,590	45,393
80	44,508	33,461	55,205	45,665	34,410	56,506	36,642	26,938	46,261	33,115	23,404	42,819
81	41,527	30,461	52,230	42,617	31,312	53,483	34,103	24,608	43,560	30,649	21,220	40,122
82	38,484	27,503	49,095	39,509	28,265	50,298	31,480	22,247	40,716	28,118	19,028	37,285
83	35,391	24,613	45,799	36,353	25,298							

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Table 6-3. Expectation of Life at Single Years of Age, by Race and Sex: United States, 1983

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	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1	74.5	70.9	77.9	75.0	71.5	78.4	71.3	67.4	75.1	69.9	65.9	73.9
2	73.5	70.0	77.0	74.0	70.5	77.4	70.4	66.5	74.1	69.0	64.9	72.9
3	72.6	69.0	76.0	73.0	69.6	76.4	69.4	65.5	73.2	68.1	64.0	72.0
4	71.6	68.1	75.0	72.1	68.6	75.5	68.5	64.6	72.2	67.1	63.0	71.0
5	70.6	67.1	74.1	71.1	67.6	74.5	67.5	63.6	71.3	66.2	62.1	70.1
6	69.7	66.1	73.1	70.1	66.6	73.5	66.6	62.7	70.3	65.2	61.1	69.1
7	68.7	65.2	72.1	69.1	65.7	72.5	65.6	61.7	69.3	64.2	60.1	68.1
8	67.7	64.2	71.1	68.2	64.7	71.5	64.6	60.7	68.3	63.2	59.2	67.2
9	66.7	63.2	70.1	67.2	63.7	70.6	63.6	59.7	67.4	62.3	58.2	66.2
10	65.7	62.2	69.1	66.2	62.7	69.6	62.6	58.8	66.4	61.3	57.2	65.2
11	64.7	61.2	68.2	65.2	61.7	68.6	61.7	57.8	65.4	60.3	56.2	64.2
12	63.7	60.2	67.2	64.2	60.7	67.6	60.7	56.8	64.4	59.3	55.2	63.2
13	62.8	59.2	66.2	63.2	59.8	66.6	59.7	55.8	63.4	58.3	54.3	62.2
14	61.8	58.3	65.2	62.2	58.8	65.6	58.7	54.8	62.4	57.3	53.3	61.2
15	60.8	57.3	64.2	61.3	57.8	64.6	57.7	53.9	61.4	56.4	52.3	60.3
16	59.8	56.3	63.2	60.3	56.9	63.7	56.8	52.9	60.5	55.4	51.4	59.3
17	58.9	55.4	62.3	59.3	55.9	62.7	55.8	51.9	59.5	54.4	50.4	58.3
18	57.9	54.5	61.3	58.4	55.0	61.7	54.8	51.0	58.5	53.5	49.5	57.3
19	57.0	53.5	60.3	57.5	54.1	60.7	53.9	50.1	57.5	52.5	48.5	56.4
20	56.0	52.6	59.4	56.5	53.1	59.8	53.0	49.1	56.6	51.6	47.6	55.4
21	55.1	51.7	58.4	55.6	52.2	58.8	52.0	48.2	55.6	50.6	46.7	54.4
22	54.2	50.8	57.4	54.6	51.3	57.8	51.1	47.3	54.7	49.7	45.8	53.5
23	53.2	49.9	56.4	53.7	50.4	56.9	50.2	46.4	53.7	48.8	44.9	52.5
24	52.3	48.9	55.5	52.7	49.4	55.9	49.2	45.5	52.7	47.9	44.0	51.6
25	51.3	48.0	54.5	51.8	48.5	54.9	48.3	44.6	51.8	47.0	43.1	50.6
26	50.4	47.1	53.5	50.8	47.6	54.0	47.4	43.7	50.8	46.0	42.2	49.7
27	49.4	46.2	52.6	49.9	46.7	53.0	46.5	42.8	49.9	45.1	41.3	48.7
28	48.5	45.3	51.6	48.9	45.7	52.0	45.5	41.9	48.9	44.2	40.4	47.8
29	47.6	44.3	50.6	48.0	44.8	51.0	44.6	41.1	48.0	43.3	39.6	46.8
30	46.6	43.4	49.7	47.0	43.9	50.1	43.7	40.2	47.0	42.4	38.7	45.9
31	45.7	42.5	48.7	46.1	42.9	49.1	42.8	39.3	46.1	41.5	37.8	45.0
32	44.7	41.6	47.7	45.1	42.0	48.1	41.9	38.4	45.1	40.6	37.0	44.0
33	43.8	40.6	46.8	44.2	41.1	47.2	41.0	37.5	44.2	39.7	36.1	43.1
34	42.8	39.7	45.8	43.2	40.1	46.2	40.1	36.7	43.3	38.8	35.3	42.2
35	41.9	38.8	44.9	42.3	39.2	45.2	39.2	35.8	42.3	37.9	34.4	41.2
36	41.0	37.9	43.9	41.3	38.3	44.3	38.3	34.9	41.4	37.0	33.6	40.3
37	40.0	36.9	42.9	40.4	37.3	43.3	37.4	34.1	40.5	36.2	32.7	39.4
38	39.1	36.0	42.0	39.5	36.4	42.3	36.5	33.2	39.6	35.3	31.9	38.5
39	38.2	35.1	41.0	38.5	35.5	41.4	35.6	32.4	38.6	34.4	31.0	37.6
40	37.2	34.2	40.1	37.6	34.6	40.4	34.7	31.5	37.7	33.5	30.2	36.7
41	36.3	33.3	39.1	36.6	33.6	39.5	33.9	30.7	36.8	32.7	29.4	35.8
42	35.4	32.4	38.2	35.7	32.7	38.5	33.0	29.8	35.9	31.8	28.6	34.9
43	34.5	31.5	37.3	34.8	31.8	37.6	32.1	29.0	35.0	31.0	27.8	34.0
44	33.6	30.6	36.3	33.9	30.9	36.7	31.3	28.2	34.1	30.1	27.0	33.1
45	32.7	29.7	35.4	33.0	30.0	35.7	30.4	27.4	33.2	29.3	26.2	32.2
46	31.8	28.8	34.5	32.1	29.1	34.8	29.6	26.6	32.4	28.5	25.4	31.4
47	30.9	28.0	33.6	31.2	28.2	33.9	28.8	25.8	31.5	27.7	24.7	30.5
48	30.0	27.1	32.7	30.3	27.4	33.0	28.0	25.0	30.7	26.9	23.9	29.7
49	29.1	26.3	31.8	29.4	26.5	32.1	27.2	24.3	29.8	26.2	23.2	28.9
50	28.3	25.4	30.9	28.5	25.7	31.2	26.4	23.5	29.0	25.4	22.5	28.1
51	27.4	24.6	30.0	27.7	24.8	30.3	25.6	22.8	28.2	24.6	21.8	27.3
52	26.6	23.8	29.2	26.8	24.0	29.4	24.9	22.1	27.4	23.9	21.1	26.5
53	25.8	23.0	28.3	26.0	23.2	28.5	24.1	21.4	26.6	23.1	20.4	25.7
54	24.9	22.2	27.4	25.1	22.4	27.7	23.3	20.7	25.8	22.4	19.7	24.9
55	24.1	21.4	26.6	24.3	21.6	26.8	22.6	20.0	25.0	21.7	19.1	24.1
56	23.3	20.7	25.7	23.5	20.8	25.9	21.9	19.3	24.2	21.0	18.4	23.4
57	22.6	19.9	24.9	22.7	20.1	25.1	21.2	18.7	23.5	20.4	17.8	22.7
58	21.8	19.2	24.1	21.9	19.3	24.3	20.5	18.0	22.7	19.7	17.2	21.9
59	21.0	18.5	23.3	21.2	18.6	23.4	19.9	17.4	22.0	19.1	16.6	21.2
60	20.3	17.8	22.5	20.4	17.9	22.6	19.2	16.8	21.3	18.4	16.0	20.5
61	19.6	17.1	21.7	19.7	17.2	21.8	18.6	16.3	20.6	17.8	15.5	19.9
62	18.8	16.4	20.9	18.9	16.5	21.0	18.0	15.7	19.9	17.2	14.9	19.2
63	18.1	15.7	20.1	18.2	15.8	20.3	17.4	15.2	19.2	16.7	14.4	18.6
64	17.4	15.1	19.4	17.5	15.2	19.5	16.8	14.6	18.5	16.1	13.9	17.9
65	16.7	14.5	18.6	16.8	14.5	18.7	16.2	14.1	17.9	15.5	13.4	17.3
66	16.1	13.8	17.9	16.1	13.9	18.0	15.6	13.6	17.2	15.0	12.9	16.6
67	15.4	13.2	17.2	15.5	13.3	17.2	15.0	13.0	16.5	14.4	12.4	16.0
68	14.8	12.6	16.4	14.8	12.7	16.5	14.4	12.5	15.9	13.8	11.9	15.3
69	14.1	12.1	15.7	14.2	12.1	15.8	13.8	12.0	15.3	13.2	11.4	14.7
70	13.5	11.5	15.0	13.5	11.5	15.1	13.3	11.5	14.6	12.7	10.9	14.1
71	12.9	11.0	14.4	12.9	11.0	14.4	12.7	11.0	14.0	12.2	10.5	13.6
72	12.3	10.5	13.7	12.3	10.5	13.7	12.2	10.6	13.5	11.7	10.1	13.0
73	11.7	10.0	13.0	11.8	9.9	13.1	11.8	10.2	12.9	11.3	9.7	12.5
74	11.2	9.5	12.4	11.2	9.4	12.4	11.3	9.8	12.4	10.9	9.3	12.0
75	10.7	9.0	11.8	10.6	9.0	11.8	10.8	9.4	11.9	10.4	9.0	11.5
76	10.1	8.6	11.2	10.1	8.5	11.2	10.4	9.0	11.3	10.0	8.6	11.0
77	9.6	8.1	10.6	9.6	8.1	10.6	9.9	8.6	10.8	9.5	8.2	10.4
78	9.1	7.7	10.0	9.1	7.7	10.0	9.4	8.2	10.3	9.1	7.8	9.9
79	8.6	7.3	9.4	8.6	7.2	9.4	9.0	7.8	9.8	8.6	7.4	9.5
80	8.1	6.9	8.9	8.1	6.9	8.8	8.6	7.4	9.3	8.2	7.1	9.0
81	7.7	6.5	8.4	7.7	6.5	8.3	8.2	7.1	8.8	7.9	6.8	8.6
82	7.3	6.2	7.9	7.2	6.1	7.8	7.8	6.8	8.4	7.5	6.5	8.2
83	6.9	5.9	7.4	6.8	5.8	7.3	7.5	6.5	8.0	7.3	6.3	7.9
84	6.5	5.5	7.0	6.4	5.5	6.9	7.2	6.4	7.7	7.0	6.1	7.6
85	6.1	5.2	6.6	6.1	5.2	6.5	7.1	6.3	7.5	6.9	6.0	7.4



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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 1983

[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<sub>x</sub></i> )									
	1983	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
<b>WHITE, MALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,921	98,769	97,994	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5	98,697	98,519	97,671	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10	98,552	98,357	97,441	96,758	96,059	93,601	90,810	87,530	81,519	79,109
15	98,394	98,176	97,208	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20	97,821	97,525	96,480	95,908	95,104	92,293	88,904	84,997	79,116	76,376
25	97,067	96,616	95,524	95,106	94,294	91,241	87,371	83,081	77,047	73,907
30	96,333	95,783	94,716	94,401	93,489	90,092	85,707	80,888	74,810	71,219
35	95,574	94,980	93,843	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40	94,652	93,984	92,631	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45	93,322	92,494	90,725	90,533	89,002	84,285	78,345	72,596	65,115	61,369
50	91,150	89,690	87,690	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55	87,570	86,303	83,001	82,463	80,496	75,156	68,981	64,574	55,622	52,491
60	82,022	80,625	75,969	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65	74,136	72,393	66,343	65,834	63,541	58,305	52,964	50,663	40,662	39,245
70	63,411	61,384	54,138	53,825	51,735	46,739	41,880	40,873	31,527	30,640
75	49,818	47,712	40,324	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80	34,410	32,788	25,885	25,993	24,005	19,860	17,221	17,555	12,160	12,266
85	19,718	18,538	13,527	13,065	12,015	9,013	7,572	8,154	5,145	5,252
<b>ALL OTHER, MALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,168	97,939	96,592	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5	97,832	97,559	96,038	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10	97,646	97,337	95,716	94,234	93,453	89,211	87,311	83,768	66,377	61,790
15	97,455	97,113	95,385	93,874	92,965	88,417	86,152	82,332	64,478	59,667
20	96,920	96,431	94,293	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25	95,924	95,200	92,267	91,825	90,285	84,055	79,516	74,540	57,736	53,285
30	94,685	93,666	90,106	90,270	88,327	80,865	75,083	70,344	54,073	49,867
35	93,120	91,891	87,597	88,331	85,940	77,165	70,049	65,873	49,865	46,541
40	91,181	89,645	84,378	85,744	82,832	72,830	64,710	61,353	45,414	42,989
45	88,530	86,578	80,163	82,075	78,686	67,514	58,492	56,589	40,563	39,220
50	84,537	82,153	74,748	77,239	72,891	60,766	51,748	51,880	35,427	34,766
55	79,105	76,019	67,808	70,351	65,122	52,867	44,436	46,581	28,754	29,987
60	71,536	68,093	59,396	61,669	55,535	44,370	36,790	40,506	23,750	24,194
65	61,899	58,517	49,607	51,392	45,198	35,912	29,314	34,042	17,806	19,015
70	51,081	47,796	39,025	39,914	35,018	27,688	21,741	26,929	12,285	13,829
75	38,562	36,191	27,789	29,064	25,472	19,765	14,419	18,854	7,484	8,892
80	26,938	24,969	17,999	19,994	16,904	12,352	8,239	11,615	3,894	4,831
85	15,177	14,454	10,811	11,620	9,898	6,492	3,660	5,605	1,747	2,030
<b>WHITE, FEMALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	99,140	99,035	98,468	98,036	97,645	96,211	95,037	93,608	89,774	88,939
5	98,968	98,841	98,203	97,709	97,199	95,309	93,216	90,721	85,949	84,426
10	98,866	98,725	98,042	97,525	96,960	94,890	92,466	89,564	83,879	81,723
15	98,772	98,618	97,902	97,375	96,756	94,534	91,894	88,712	83,093	80,680
20	98,546	98,374	97,618	97,135	96,454	93,984	90,939	87,281	81,750	79,787
25	98,298	98,093	97,299	96,844	96,072	93,228	89,524	85,163	79,865	76,588
30	98,027	97,802	96,945	96,499	95,605	92,320	87,972	82,740	77,676	73,887
35	97,706	97,445	96,474	96,026	94,977	91,211	86,246	80,206	75,200	70,971
40	97,233	96,913	95,762	95,326	94,080	89,805	84,256	77,624	72,425	67,935
45	96,474	96,065	94,649	94,228	92,725	87,920	81,780	74,871	69,341	64,677
50	95,218	92,924	92,522	90,685	85,267	78,572	71,547	65,629	61,053	57,509
55	93,161	92,594	90,383	89,967	87,699	81,520	74,321	67,323	61,053	56,509
60	90,037	89,451	86,726	86,339	83,279	76,200	68,462	61,704	54,900	50,752
65	85,348	84,764	81,579	80,739	76,773	69,701	60,499	54,299	47,086	43,806
70	78,723	78,139	74,101	72,507	67,545	58,363	49,932	44,638	37,482	35,206
75	69,317	68,712	63,290	60,461	54,397	44,685	37,024	32,777	26,569	25,362
80	56,506	55,770	48,182	44,676	39,026	28,862	23,053	20,492	15,929	15,349
85	39,736	38,774	30,490	26,046	21,348	14,487	10,937	9,909	7,152	7,149
<b>ALL OTHER, FEMALE</b>										
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
1	98,482	98,261	97,235	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5	98,228	97,958	96,772	95,543	95,055	91,710	90,185	87,149	72,508	68,056
10	98,084	97,806	96,546	95,265	94,679	91,092	89,201	85,607	70,768	65,111
15	97,967	97,689	96,353	95,057	94,343	90,363	88,098	83,954	68,218	62,384
20	97,739	97,404	95,917	94,660	93,544	88,505	85,078	80,154	64,764	59,053
25	97,360	96,996	95,247	94,005	92,336	85,961	81,067	75,359	61,430	55,795
30	96,875	96,441	94,370	93,070	90,799	83,147	78,618	72,822	58,281	52,773
35	96,231	95,719	93,123	91,670	88,805	79,879	72,192	65,857	54,595	49,567
40	95,292	94,646	91,247	89,676	86,052	75,903	67,271	61,130	50,568	46,146
45	93,885	93,009	88,608	86,793	82,257	71,061	61,365	56,230	45,947	42,279
50	91,627	90,523	84,964	82,979	77,007	64,896	54,920	50,780	40,886	37,681
55	88,324	86,951	80,162	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60	83,499	82,000	73,984	69,941	61,758	49,102	38,761	37,954	28,908	27,524
65	76,904	75,362	66,064	60,825	52,358	40,718	30,852	31,044	22,302	21,995
70	68,976	67,147	56,375	51,274	42,612	32,579	23,341	24,107	15,871	16,140
75	58,221	56,499	44,841	40,540	32,981	24,668	16,576	17,216	10,657	11,066
80	46,261	44,378	33,373	30,315	23,712	17,157	10,622	11,151	6,324	6,708
85	31,408	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 1983—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 ( $\bar{e}_x$ )									
	1983	1979-81	1969-71	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
<b>WHITE, MALE</b>										
0	71.7	70.82	67.94	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1	71.5	70.70	68.33	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5	67.6	66.87	64.55	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10	62.7	61.98	59.69	59.78	58.98	57.03	54.96	54.15	51.32	50.69
15	57.8	57.09	54.83	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20	53.1	52.45	50.22	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25	48.5	47.92	45.70	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30	43.9	43.31	41.07	40.97	40.29	38.80	37.54	37.65	34.87	34.88
35	39.2	38.66	36.43	36.31	35.68	34.35	33.33	33.74	31.08	31.29
40	34.6	34.04	31.87	31.73	31.17	30.03	29.22	29.66	27.43	27.74
45	30.0	29.55	27.48	27.34	26.87	25.87	25.28	25.00	23.86	24.21
50	25.7	25.26	23.34	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55	21.6	21.25	19.51	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60	17.9	17.56	16.07	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65	14.5	14.26	13.02	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70	11.5	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	6.9	6.76	6.18	5.99	5.88	5.38	5.26	5.47	5.09	5.10
85	5.2	5.03	4.63	4.34	4.35	4.02	3.99	4.06	3.88	3.81
<b>ALL OTHER, MALE</b>										
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	51.03	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	58.8	57.40	53.67	55.19	52.96	48.54	44.27	45.99	40.65	41.90
15	53.9	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	26.33	29.54	24.42	26.16
40	31.5	30.64	28.29	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45	27.4	26.63	24.64	24.89	23.59	22.02	20.53	23.55	18.85	20.09
50	23.5	22.82	21.24	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55	20.0	19.56	18.14	18.11	17.35	16.67	15.45	17.50	13.62	14.69
60	16.8	16.54	15.25	15.23	14.91	14.33	13.15	14.74	11.67	12.62
65	14.1	13.83	12.87	12.84	12.75	12.18	10.87	12.07	9.74	10.38
70	11.5	11.36	10.63	10.61	10.74	10.06	8.78	9.59	8.03	8.33
75	9.4	9.20	8.53	8.53	8.53	8.03	6.93	7.61	6.58	6.60
80	7.4	7.22	6.87	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85	6.3	6.13	6.04	5.98	5.93	5.63	4.90	4.53	4.48	4.04
<b>WHITE, FEMALE</b>										
0	78.7	78.22	75.49	74.19	72.03	67.23	62.67	58.53	53.62	51.08
1	78.4	77.98	75.66	74.68	72.77	68.33	64.93	61.51	58.69	56.39
5	74.5	74.13	71.86	70.92	69.03	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	64.23	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	54.63	52.42	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30	50.1	49.76	47.63	46.63	45.00	42.21	39.93	38.72	36.96	36.42
35	45.2	44.93	42.82	41.84	40.28	37.70	35.73	34.65	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	35.43	33.54	32.53	31.12	29.30	27.33	26.99	25.45	25.51
50	31.2	30.96	29.11	28.09	26.76	24.72	23.41	23.12	21.74	21.89
55	26.8	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	19.63	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	15.1	14.89	13.37	12.33	11.63	10.50	9.98	9.94	9.38	9.59
75	11.8	11.58	10.21	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80	8.8	8.65	7.59	6.67	6.53	5.83	5.63	5.70	5.35	5.50
85	6.5	6.32	5.54	4.65	4.63	4.34	4.24	4.24	4.06	4.10
<b>ALL OTHER, FEMALE</b>										
0	74.9	74.03	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	71.3	70.53	66.34	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10	66.4	65.64	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	56.6	55.88	51.85	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25	51.8	51.11	47.19	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30	47.0	46.33	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	30.63	27.47	28.59	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	33.2	32.77	29.80	28.14	25.07	24.00	21.39	22.61	20.43	21.36
50	29.0	28.59	25.97	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55	25.0	24.66	22.37	20.69	19.62	18.44	16.27	17.09	14.98	15.88
60	21.3	20.99	19.02	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65	17.9	17.60	15.99	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70	14.6	14.44	13.30	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75	11.9	11.68	11.06	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80	9.3	9.17	9.01	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85	7.5	7.19	7.07	5.44	6.15	6.38	5.48	5.22	5.09	5.10

SECTION 6 - LIFE TABLES - PAGE 14

Table 6-5. Estimated Average Length of Life in Years, by Race and Sex: Death-Registration States, 1900-28, and United States, 1929-83

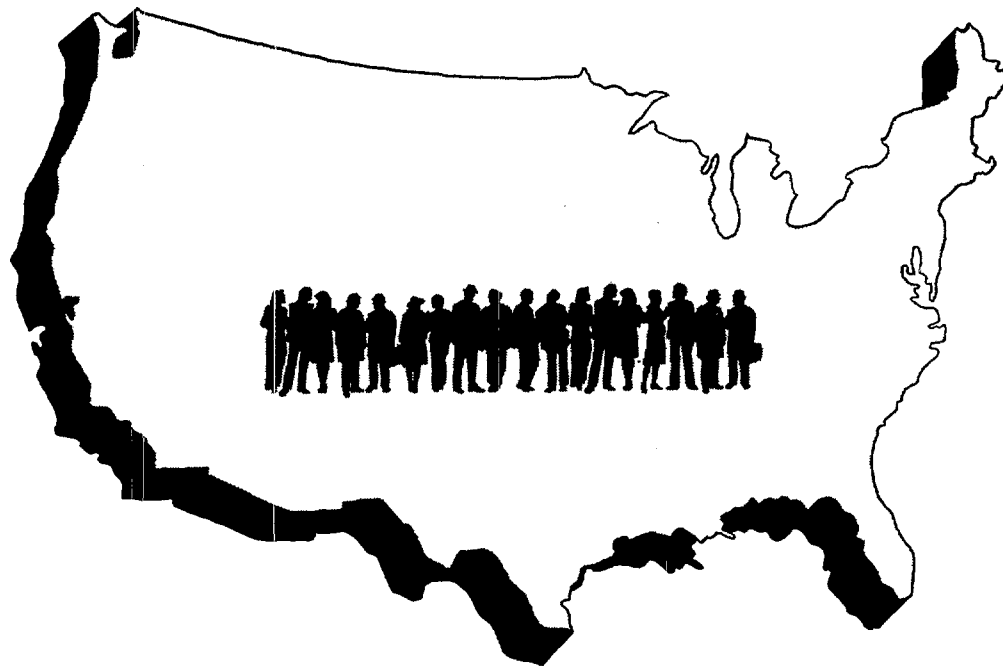
[For selected years, life table values shown are estimates; see Technical Appendix. Beginning 1970 excludes deaths of nonresidents of the United States; see Technical Appendix]

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												
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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>2</sup>	71.2	67.4	75.1	72.0	68.3	75.9	65.7	61.5	70.1	64.7	60.4	69.1
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.8	64.6	60.5	68.9
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1969	70.5	66.8	74.4	71.4	67.7	75.3	64.5	60.6	68.6	63.4	59.3	67.6
1968	70.2	66.6	74.1	71.1	67.5	75.0	64.1	60.4	67.9	63.1	59.0	67.3
1967	70.5	67.0	74.3	71.4	67.8	75.2	64.9	61.4	68.5	63.8	59.7	67.9
1966	70.2	66.7	73.9	71.1	67.5	74.8	64.2	60.9	67.6	63.0	58.9	67.6
1965	70.2	66.8	73.8	71.1	67.6	74.8	64.3	61.2	67.6	63.1	59.0	67.6
1964	70.2	66.8	73.7	71.0	67.7	74.7	64.2	61.3	67.3	63.2	59.1	67.3
1963 <sup>3</sup>	69.9	66.6	73.4	70.8	67.4	74.4	63.7	61.0	66.6	62.3	58.8	67.0
1962 <sup>2</sup>	70.1	66.9	73.5	70.9	67.7	74.5	64.2	61.6	66.9	62.6	59.1	67.3
1961	70.2	67.1	73.6	71.0	67.8	74.6	64.5	62.0	67.1	62.9	59.2	67.4
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	62.2	58.9	67.1
1959	69.9	66.8	73.2	70.7	67.5	74.2	63.9	61.3	66.5	62.4	59.0	67.2
1958	69.6	66.6	72.9	70.5	67.4	73.9	63.4	61.0	65.8	61.9	58.7	67.0
1957	69.5	66.4	72.7	70.3	67.2	73.7	63.0	60.7	65.5	61.6	58.8	67.0
1956	69.7	66.7	72.9	70.5	67.5	73.9	63.6	61.3	66.1	62.0	59.3	67.3
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1	62.1	59.4	67.3
1954	69.6	66.7	72.8	70.5	67.5	73.7	63.4	61.1	65.9	61.9	59.1	67.3
1953	68.8	66.0	72.0	69.7	66.8	73.0	62.0	59.7	64.5	60.0	57.6	66.6
1952	68.6	65.8	71.6	69.5	66.6	72.6	61.4	59.1	63.8	59.1	56.8	66.4
1951	68.4	65.6	71.4	69.3	66.5	72.4	61.2	59.2	63.4	58.9	56.6	66.2
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	58.8	56.5	66.1
1949	68.0	65.2	70.7	68.8	66.2	71.9	60.6	58.9	62.7	58.6	56.3	65.9
1948	67.2	64.6	69.9	68.0	65.5	71.0	60.0	58.1	62.5	58.1	56.0	65.6
1947	66.8	64.4	69.7	67.6	65.2	70.5	59.7	57.9	61.9	57.6	55.7	65.4
1946	66.7	64.4	69.4	67.5	65.1	70.3	59.1	57.5	61.0	57.3	55.6	65.3
1945	65.9	63.6	67.9	66.8	64.4	69.5	57.7	56.1	59.6	56.1	54.2	65.0
1944	65.2	63.6	66.8	66.2	64.5	68.4	56.6	55.8	57.7	55.4	53.5	64.8
1943	63.3	62.4	64.4	64.2	63.2	65.7	55.6	55.4	56.1	54.1	52.2	64.5
1942	66.2	64.7	67.9	67.3	65.9	69.4	56.6	55.4	58.2	56.1	54.2	65.3
1941	64.8	63.1	66.8	66.2	64.4	68.5	53.8	52.5	55.3	53.4	51.5	64.0
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9	52.4	50.6	63.5
1939	63.7	62.1	65.4	64.9	63.3	66.6	54.5	53.2	56.0	53.5	51.7	64.1
1938	63.5	61.9	65.3	65.0	63.2	66.8	52.9	51.7	54.3	52.2	50.4	63.9
1937	60.0	58.0	62.4	61.4	59.3	63.8	50.3	48.3	52.5	50.0	48.1	61.6
1936	58.5	56.6	60.6	59.8	58.0	61.9	49.0	47.0	51.4	49.1	47.2	60.1
1935	61.7	59.9	63.9	62.9	61.0	65.0	53.1	51.3	55.2	53.3	51.4	63.1
1934	61.1	59.3	63.3	62.4	60.5	64.6	51.8	50.2	53.7	51.8	49.9	62.2
1933	63.3	61.7	65.1	64.3	62.7	66.3	54.7	53.5	56.0	54.6	52.7	64.7
1932	62.1	61.0	63.5	63.2	62.0	64.5	53.7	52.8	54.6	53.1	51.2	63.6
1931	61.1	59.4	63.1	62.6	60.8	64.7	50.4	49.5	51.5	50.0	48.1	62.6
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.3	47.8	45.9	61.6
1929	57.1	55.8	58.7	58.6	57.2	60.3	46.7	45.7	47.8	46.3	44.4	60.1
DEATH-REGISTRATION STATES												
1928	56.8	55.6	58.3	58.4	57.0	60.0	46.3	45.6	47.0	45.1	43.2	59.6
1927	60.4	59.0	62.1	62.0	60.5	63.9	48.2	47.6	48.9	47.1	45.2	61.7
1926	58.7	55.5	58.0	58.2	57.0	59.6	44.6	43.7	45.6	43.8	41.9	59.7
1925	59.0	57.6	60.6	60.7	59.3	62.4	45.7	44.9	46.7	45.0	43.1	60.8
1924	59.7	58.1	61.5	61.4	59.8	63.4	46.6	45.5	47.8	46.1	44.2	61.9
1923	57.2	56.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9	47.2	45.3	60.0
1922	59.6	58.4	61.0	60.4	59.1	61.9	52.4	51.8	53.0	51.3	49.4	62.4
1921	60.8	61.8	61.8	61.8	60.8	62.9	51.5	51.6	51.3	50.0	48.1	61.6
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2	43.7	41.8	58.7
1919	54.7	53.5	56.0	55.8	54.5	57.4	44.5	44.4	44.4	42.9	41.0	58.2
1918	39.1	36.6	42.2	39.8	37.1	43.2	31.1	29.9	32.5	30.0	28.1	38.1
1917	50.9	48.4	54.0	52.0	49.3	55.3	38.8	37.0	40.8	38.3	36.4	48.3
1916	51.7	49.6	54.3	52.5	50.2	55.2	41.3	39.6	43.1	40.6	38.7	49.8
1915	54.5	52.5	56.8	55.1	53.1	57.5	38.9	37.5	40.5	38.0	36.1	48.9
1914	54.2	52.0	56.8	54.9	52.7	57.5	38.9	37.1	40.8	38.5	36.6	49.2
1913	52.5	50.3	55.0	53.0	50.8	55.7	38.4	36.7	40.3	38.0	36.1	48.3
1912	53.5	51.5	55.9	53.9	51.9	56.2	37.9	35.9	40.0	38.5	36.6	49.5
1911	52.6	50.9	54.4	53.0	51.3	54.9	36.4	34.6	38.2	36.7	34.8	48.6
1910	50.0	48.4	51.8	50.3	48.6	52.0	35.6	33.8	37.5	36.0	34.1	47.7
1909	52.1	50.5	53.8	52.5	50.9	54.2	35.7	34.2	37.3	35.8	33.9	47.8
1908	51.1	49.5	52.8	51.5	49.9	53.3	34.9	33.8	36.0	35.3	33.4	47.9
1907	47.6	45.6	49.9	48.1	46.0	50.4	32.5	31.1	34.0	33.4	31.5	46.0
1906	48.7	46.9	50.8	49.3	47.3	51.4	32.9	31.8	33.9	33.3	31.4	46.1
1905	48.7	47.3	50.2	49.1	47.6	50.6	31.3	29.6	33.1	32.5	30.6	46.2
1904	47.6	46.2	49.1	48.0	46.6	49.5	30.8	29.1	32.7	32.0	30.1	46.3
1903	50.5	49.1	52.0	50.9	49.5	52.5	33.1	31.7	34.6	34.0	32.1	49.7
1902	51.5	49.8	53.4	51.9	50.2	53.8	34.6	32.9	36.4	35.8	33.9	50.8
1901	49.1	47.6	50.6	49.4	48.0	51.0	33.7	32.3	35.3	34.7	32.8	49.9
1900	47.3	46.3	48.3	47.6	46.6	48.7	33.0	32.5	33.5	32.9	31.0	49.0

1 Data have been revised; see Technical Appendix.  
 2 Deaths based on a 50-percent sample.  
 3 Figures by race exclude data for residents of New Jersey; see Technical Appendix.



# LOCAL AREA PERSONAL INCOME 1978-83



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- Personal income
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  - Per capita
  - By type of income
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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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