

VITAL STATISTICS OF THE UNITED STATES, 1973  
VOLUME II-SECTION 5

*Life Tables*

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Years:							
1900-1973 -----							5 <sup>1</sup>
1973 only -----		1	2	3			
Specified years and 1973 -----					4 <sup>2</sup>		
Type of entry:							
Proportion of dying ( ${}_nq_x$ ) -----		1					
Number surviving ( $l_x$ ) -----		1	2			4	
Number dying ( ${}_nd_x$ ) -----		1					
Stationary population ( ${}_nL_x$ and $T_x$ )--		1					
Average remaining lifetime ( $e_x^o$ ) -----		1		3	4		
Estimated average length of life ( $e_o^o$ )--							5
Characteristics:							
Age by:							
Single years -----			2	3			
5-year intervals -----		1				4	
Sex-color specific -----		1	2	3	4		5 <sup>3</sup>
Sex specific -----		1	2	3			5
Color specific-----		1	2	3			5 <sup>3</sup>
Total population-----		1	2	3			5

<sup>1</sup> Entire United States for 1929-73; death-registration States for 1900-1928.

<sup>2</sup> Entire United States for specified years from 1929 to 1973; death-registration States for specified years from 1900 to 1921.

<sup>3</sup> New Jersey did not require the reporting of color or race in 1962 and 1963.

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## SECTION 5. LIFE TABLES

The mortality rates for a specific period may be summarized by the life table method to obtain measures of comparative longevity. There are two types of life tables—the generation or cohort life table and the current life table. The generation life table provides a “longitudinal” perspective in that it follows the mortality experience of a particular cohort, all persons born in the year 1900 for example, from the moment of birth through consecutive ages in successive calendar years. Based on age-specific death rates observed during consecutive calendar years, the generation life table reflects the mortality experience of a cohort from birth until no lives remain in the group.

The better known current life table may, by contrast, be characterized as “cross-sectional.” Unlike the generation life table, the current life table does not represent the mortality experience of an actual cohort. Rather, the current life table considers a hypothetical cohort and assumes that it is subject to the age-specific mortality rates observed for an actual population during a particular period. Thus, for example, a current life table for 1973 assumes a hypothetical cohort subject throughout its lifetime to the age-specific mortality rates prevailing for the actual population in 1973. The current life table may thus be characterized as rendering a “snapshot” of current mortality experience. In this section, the term “life table” refers to the current life table only and not to the generation life table.

### The life table program

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

In response to a growing number of requests for postcensal life table values, a series of abridged life tables was initiated in 1945. Available annually since that year, the abridged life tables are based on deaths occurring during the calendar year and on midyear postcensal population estimates provided by the U.S. Bureau of the Census. Refinements in both the techniques for estimating population and the methods for constructing abridged life tables permit the prepara-

tion of abridged life tables which provides reasonably accurate data on current trends in expectation of life and survivorship. Abridged life tables for 1945 to 1952 were constructed by the Greville method;<sup>1</sup> since 1953, a modified method has been employed.<sup>2</sup> 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 1957, abridged life tables have been calculated for total males and total females, regardless of color. Starting with 1959, additional abridged life tables have been published for the total white and “all other” population, regardless of sex.

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

The demand for information regarding up-to-date life table values has been responsible for the introduction of a third series, provisional abridged life tables. Starting with 1958, provisional abridged life tables have been published, for the total population only, in the “Annual Summary for the United States,” *Monthly Vital Statistics Report*. Values in these life tables are based on population estimates provided by the Bureau of the Census and on the estimated number of deaths derived from the “Current Mortality Sample” (CMS). The CMS consists of one-tenth of the death certificates filed in the vital statistics registration offices (50 States and the cities of Washington, D.C., Baltimore, New Orleans, and New York). The sample is taken by selecting one certificate out of every 10 death certificates received between two dates a month apart.

### Life table values for 1973

The data used to prepare the abridged U.S. life tables for 1973 are the final mortality statistics and the midyear estimates of the population by age, color, and sex prepared by the U.S. Bureau of the Census. Sample life table statistics for 1973 are shown in table 5-A. The text will refer to values for the total U.S. population; however, the same type of statistics may be applied to each color-sex group.

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

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

*Expectation of life.*—The most frequently used life table statistic is the expectation of life ( $e_x^o$ ), i.e., the average remaining lifetime in years for persons who have attained a given age ( $x$ ). Expectation of life at specified ages in 1973 is shown for the total population and by color and sex in table 5-1. In addition, expectations of life by single years of age, by color and sex, are shown in table 5-3.

Life expectancy at birth ( $e_0^o$ ) is 71.3 years, which represents the average number of years that the members of the life table cohort may expect to live at the time of birth. Text table 5-A shows the higher life expectancy of females compared with males within each color group, and of white males and females compared with those in the all other category. At age 1, life expectancy is 71.6 years, which is higher than at birth. This is a result of surviving the first year, when the mortality rate is very high. Remaining years of expected lifetime are also shown in table 5-A for ages 21 and 65 years.

*Survivors to specified ages.*—Another way of assessing longevity of the life table cohort is by determining the proportion of it that lives to specified ages. The  $l_x$  column provides the data for computing the proportion. For instance, 72,881 out of the original 100,000 (or 72.9 percent) were alive at exact age 65 (table 5-2). Survivorship to other ages, by color and sex, is shown as percentage in table 5-A.

Table 5-A. Selected life table values, by age, color, and sex: United States, 1973

Life table value and age	Total	White		All other	
		Male	Female	Male	Female
<b>Expectation of life:</b>					
At birth.....	71.3	68.4	76.1	61.9	70.1
At age 1.....	71.6	68.6	76.1	62.8	70.8
At age 21.....	52.5	49.6	56.7	44.1	51.7
At age 65.....	15.3	13.2	17.3	13.1	16.2
<b>Percent surviving from birth:</b>					
To age 1.....	98.2	98.2	98.7	97.0	97.5
To age 21.....	96.8	96.5	97.8	94.6	96.2
To age 65.....	72.9	67.5	82.2	51.0	68.1
Median age at death.....	75.3	72.0	79.8	65.5	73.5

*Medium length of life.*—Instead of determining the proportion alive at a specified age, one can compute the age at which a specified proportion of the cohort is still alive. For example, one can determine the age at which exactly half the cohort (50,000

persons) still remain alive, and half have died. This value, known as the median age at death, is shown at the bottom of table 5-A, by color and sex. For example, the median age for white males is 7.8 years less than for white females.

#### Trends and comparisons

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

Trends in life table values are shown in tables 5-4 and 5-5. Table 5-4 shows the expectation of life, and the number of cohort survivors at specified ages around census years since 1900, and for 1970 and 1973. Life expectancy among white males exactly 20 years old, for instance, has increased from 42.2 years in 1900-1902 to 50.5 years in 1973 (text table 5-B).

Table 5-B. Selected life table values, by color and sex: Death-registration areas, 1973, 1972, 1970, 1960, 1900-1902

Life table value and year	Total	White		All other	
		Male	Female	Male	Female
<b>Life expectancy (<math>e_x^o</math>) at birth:</b>					
1973.....	71.3	68.4	76.1	61.9	70.1
1972.....	71.1	68.3	75.9	61.5	69.9
1970.....	70.9	68.0	75.6	61.3	69.4
1960.....	69.7	67.4	74.1	61.1	66.3
1900.....	47.3	46.6	48.7	32.5	33.5
<b>at age 20:</b>					
1973.....	53.4	50.5	57.7	44.9	52.6
1900-1902.....	—	42.2	43.8	35.1	36.9
<b>Percent reaching age 65:</b>					
1973.....	72.9	67.5	82.2	51.0	68.1
1900-1902.....	—	39.2	43.8	19.0	22.0

Where 39.2 percent of white males survived to age 65 in 1900-1902, now 67.5 percent survive to this age.

There has been an increasing interest in data on average length of life ( $e_0^o$ ) for single calendar years prior to the initiation of the annual abridged life table series in 1945. The estimated figures in table 5-5 were computed to meet these needs.<sup>3</sup> For example, life expectancy has increased by 2.0 years among white females since 1960, or an average increase of 0.14 year of life per calendar year. Values for other years, by color and sex, are shown in table 5-B, page 5-4.

#### Technical appendix

*New Jersey data, 1962-64.*—The life tables for 1962 and 1963 for the six population groups in-

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<sup>3</sup>For estimating procedure, see National Office of Vital Statistics, "Estimated Average Length of Life in the Death-Registration States," by T. N. E. Greville and G. A. Carlson, *Vital Statistics - Special Reports*, Vol. 33, No. 9, Public Health Service, Washington, D.C., 1951.

volving color do not include data from the State of New Jersey. This State omitted the item on color or race from its certificates of live birth, death, and fetal death in use at the beginning of 1962. The item was restored during the latter part of 1962. However, the certificate revision without this item was used for most of 1962 as well as for 1963. For computing vital rates, populations by age, color, and sex excluding New Jersey were estimated to obtain comparable denominators. Approximately 7 percent of the New Jersey death records for 1964 did not contain the race designation; when the records were being electronically processed, the "race not stated" deaths were allocated to white or Negro.

*Standard table.*—U.S. life tables for the decennial period 1959-61 are used as the standard table in constructing the 1973 abridged life tables.

*Nonresidents, 1973.*—Beginning in 1970, the deaths of nonresidents of the United States have been excluded from the life table statistics.

### 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 0.0111—out of every 1,000 males alive and exactly 20 years old at the beginning of the period 11 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, 98,022 will complete the first year of life and enter the second; 97,674 will begin the sixth year; 96,405 will reach age 20; and 13,662 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, 1,978 die in the first year of life, 348 in the succeeding 4 years, 1,068 in the 5-year period between exact ages 20 and 25, and 13,662 die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

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

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

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for males in the age interval 20-25 is 479,389. 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 479,389 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 4,808,611 persons who have passed their 20th birthday. The population at all ages 0 and above (in other words, the total population of the stationary community) would be 6,756,651.

*Column 7—Average remaining lifetime ( $e_x^o$ ).*—The average remaining lifetime (also called expectation of life) at any given age is the average number of years remaining to be lived by those surviving to that age on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life table can also be interpreted in terms of a single life table cohort without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus the figure 479,389 for males in the age interval 20-25 is the total number of years lived between the 20th and 25th birthdays by the 96,405 (column 3) who reached the 20th birthday out of 100,000 males born alive. The corresponding figure (4,808,611) in column 6 is the total number of years lived after

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attaining age 20 by the 96,405 reaching that age. This number of years divided by the number of persons (4,808,611 divided by 96,405) gives 49.9 years as the average remaining lifetime of males at age 20.

Care must be exercised in drawing conclusions from the figures in column 7. Thus in observing that the average remaining lifetime of white persons is greater than for those in the all other category, one should not conclude that the oldest ages reached by

white persons necessarily exceed those attained by the most long-lived of the all other group. The difference in the average length of life results from the fact that a greater proportion of all other persons die before reaching old age. For example, the number surviving to age 65 out of 100,000 born alive is far greater among white persons than among all other persons; yet the average length of life remaining at age 65 is nearly the same for both groups.

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Table 5-1. Abridged Life Tables by Color and Sex: United States, 1973

AGE INTERVAL  PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS  (1)	PROPORTION DYING  PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL DYING DURING INTERVAL  (2)	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		NUMBER LIVING AT BEGINNING OF AGE INTERVAL  (3)	NUMBER DYING DURING AGE INTERVAL  (4)	IN THE AGE INTERVAL  (5)	IN THIS AND ALL SUBSEQUENT AGE INTERVALS  (6)	AVERAGE NUMBER OF YEARS OF LIFE REMAINING AT BEGINNING OF AGE INTERVAL  (7)
$x$ to $x+n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
<b>TOTAL</b>						
0-1-----	0.0176	100,000	1,763	98,436	7,134,067	71.3
1-5-----	.0032	98,237	312	392,201	7,035,631	71.6
5-10-----	.0021	97,925	202	489,077	6,643,430	67.8
10-15-----	.0020	97,722	198	488,163	6,154,353	63.0
15-20-----	.0056	97,524	544	486,372	5,666,190	58.1
20-25-----	.0073	96,980	710	483,157	5,179,818	53.4
25-30-----	.0072	96,270	688	479,654	4,696,661	48.8
30-35-----	.0083	95,582	789	476,029	4,217,007	44.1
35-40-----	.0117	94,793	1,109	471,376	3,740,978	39.5
40-45-----	.0176	93,684	1,651	464,587	3,269,602	34.9
45-50-----	.0278	92,033	2,559	454,233	2,805,015	30.5
50-55-----	.0408	89,474	3,655	438,772	2,350,782	26.3
55-60-----	.0638	85,819	5,472	416,170	1,912,010	22.3
60-65-----	.0929	80,347	7,466	383,968	1,495,840	18.6
65-70-----	.1314	72,881	9,577	341,370	1,111,872	15.3
70-75-----	.1948	63,304	12,334	286,576	770,502	12.2
75-80-----	.2885	50,970	14,707	218,708	483,926	9.5
80-85-----	.3914	36,263	14,192	145,115	265,218	7.3
85 AND OVER-----	1.0000	22,071	22,071	120,103	120,103	5.4
<b>MALE</b>						
0-1-----	0.0198	100,000	1,978	98,241	6,756,651	67.6
1-5-----	.0035	98,022	348	391,259	6,658,410	67.9
5-10-----	.0024	97,674	236	487,740	6,267,151	64.2
10-15-----	.0026	97,438	251	486,640	5,779,411	59.3
15-20-----	.0080	97,187	782	484,160	5,292,771	54.5
20-25-----	.0111	96,405	1,068	479,389	4,808,611	49.9
25-30-----	.0103	95,337	983	474,222	4,329,222	45.4
30-35-----	.0111	94,354	1,047	469,259	3,855,000	40.9
35-40-----	.0151	93,307	1,411	463,244	3,385,741	36.3
40-45-----	.0225	91,896	2,066	454,698	2,922,497	31.8
45-50-----	.0360	89,830	3,238	441,672	2,467,799	27.5
50-55-----	.0538	86,592	4,656	422,019	2,026,127	23.4
55-60-----	.0854	81,936	6,996	393,097	1,604,108	19.6
60-65-----	.1266	74,940	9,490	351,961	1,211,011	16.2
65-70-----	.1795	65,450	11,750	298,605	859,050	13.1
70-75-----	.2584	53,700	13,771	234,454	560,445	10.4
75-80-----	.3610	39,929	14,416	163,517	325,991	8.2
80-85-----	.4645	25,513	11,851	96,792	162,474	6.4
85 AND OVER-----	1.0000	13,662	13,662	65,682	65,682	4.8
<b>FEMALE</b>						
0-1-----	0.0154	100,000	1,536	98,641	7,527,880	75.3
1-5-----	.0028	98,464	275	393,190	7,429,239	75.5
5-10-----	.0017	98,189	169	490,482	7,036,049	71.7
10-15-----	.0015	98,020	143	489,761	6,545,567	66.8
15-20-----	.0031	97,877	299	488,685	6,055,806	61.9
20-25-----	.0036	97,578	352	487,040	5,567,121	57.1
25-30-----	.0040	97,226	393	485,191	5,080,081	52.3
30-35-----	.0055	96,833	532	482,909	4,594,890	47.5
35-40-----	.0084	96,301	812	479,607	4,111,981	42.7
40-45-----	.0130	95,489	1,238	474,555	3,632,374	38.0
45-50-----	.0200	94,251	1,888	466,843	3,157,819	33.5
50-55-----	.0287	92,363	2,652	455,552	2,690,976	29.1
55-60-----	.0436	89,711	3,911	439,370	2,235,424	24.9
60-65-----	.0625	85,800	5,361	416,373	1,796,054	20.9
65-70-----	.0910	80,439	7,321	384,903	1,379,681	17.2
70-75-----	.1468	73,118	10,735	340,102	994,778	13.6
75-80-----	.2366	62,383	14,762	276,405	654,676	10.5
80-85-----	.3450	47,621	16,429	196,873	378,271	7.9
85 AND OVER-----	1.0000	31,192	31,192	181,398	181,398	5.8

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Table 5-1. Abridged Life Tables by Color and Sex: United States, 1973-Con.

AGE INTERVAL  PERIOD OF LIFE BETWEEN TWO EXACT AGES STATED IN YEARS  (1)	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
	PROPORTION OF PERSONS ALIVE AT BEGINNING OF AGE INTERVAL 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 $x+n$	${}_nq_x$	$l_x$	${}_nd_x$	$nL_x$	$T_x$	$e_x$
<b>WHITE</b>						
0-1	0.0155	100,000	1,550	98,611	7,216,607	72.2
1-5	.0029	98,450	281	393,136	7,117,996	72.3
5-10	.0019	98,169	191	490,331	6,724,860	68.5
10-15	.0019	97,978	189	489,464	6,234,529	63.6
15-20	.0054	97,789	527	487,730	5,745,065	58.7
20-25	.0065	97,262	632	484,745	5,257,335	54.1
25-30	.0060	96,630	584	481,699	4,772,590	49.4
30-35	.0068	96,046	655	478,669	4,290,891	44.7
35-40	.0097	95,391	929	474,797	3,812,222	40.0
40-45	.0152	94,462	1,439	468,993	3,337,425	35.3
45-50	.0249	93,023	2,317	459,767	2,868,432	30.8
50-55	.0375	90,706	3,403	445,542	2,408,665	26.6
55-60	.0601	87,303	5,250	424,158	1,963,123	22.5
60-65	.0890	82,053	7,301	392,965	1,538,965	18.8
65-70	.1279	74,752	9,558	350,860	1,146,300	15.3
70-75	.1887	65,194	12,305	296,210	795,140	12.2
75-80	.2875	52,889	15,205	227,144	498,930	9.4
80-85	.3965	37,684	14,941	150,307	271,786	7.2
85 AND OVER	1.0000	22,743	22,743	121,479	121,479	5.3
<b>WHITE, MALE</b>						
0-1	0.0175	100,000	1,754	98,425	6,842,189	68.4
1-5	.0032	98,246	313	392,252	6,743,764	68.6
5-10	.0023	97,933	221	469,076	6,351,512	64.9
10-15	.0024	97,712	237	463,043	5,862,436	60.0
15-20	.0078	97,475	761	435,643	5,374,393	55.1
20-25	.0099	96,714	956	431,191	4,888,750	50.5
25-30	.0086	95,758	826	476,704	4,407,559	46.0
30-35	.0091	94,932	864	472,593	3,930,855	41.4
35-40	.0125	94,058	1,179	467,604	3,458,265	36.8
40-45	.0195	92,839	1,815	460,272	2,990,661	32.2
45-50	.0325	91,374	2,962	448,558	2,530,389	27.8
50-55	.0499	88,111	4,393	430,257	2,081,831	23.6
55-60	.0814	83,718	6,812	402,493	1,651,574	19.7
60-65	.1228	76,906	9,447	361,948	1,249,081	16.2
65-70	.1769	67,459	11,935	298,271	887,133	13.2
70-75	.2524	55,524	14,014	243,032	578,862	10.4
75-80	.3616	41,510	15,011	169,970	335,760	8.1
80-85	.4718	26,499	12,503	100,005	165,810	6.3
85 AND OVER	1.0000	13,596	13,596	65,805	65,805	4.7
<b>WHITE, FEMALE</b>						
0-1	0.0133	100,000	1,334	98,808	7,607,651	76.1
1-5	.0025	98,666	246	394,075	7,508,843	76.1
5-10	.0016	98,420	160	491,664	7,114,767	72.3
10-15	.0014	98,260	138	493,973	6,623,103	67.4
15-20	.0029	98,122	284	439,936	6,132,130	62.5
20-25	.0031	97,838	305	432,442	5,642,191	57.7
25-30	.0034	97,533	329	436,857	5,153,746	52.8
30-35	.0046	97,197	444	464,932	4,656,889	48.0
35-40	.0070	96,753	678	482,187	4,181,951	43.2
40-45	.0110	96,075	1,060	477,917	3,699,764	38.5
45-50	.0177	95,015	1,677	471,168	3,221,847	33.9
50-55	.0259	93,333	2,414	460,995	2,750,679	29.5
55-60	.0402	90,924	3,658	444,073	2,289,684	25.2
60-65	.0533	87,266	5,091	424,436	1,843,611	21.1
65-70	.0866	82,175	7,120	394,165	1,419,175	17.3
70-75	.1396	75,055	10,476	350,530	1,025,010	13.7
75-80	.2348	64,579	15,166	266,504	674,480	10.4
80-85	.3490	49,413	17,245	203,799	387,976	7.9
85 AND OVER	1.0000	32,168	32,168	184,177	184,177	5.7

## SECTION 5 - LIFE TABLES

Table 5-1. Abridged Life Tables by Color and Sex: United States, 1973-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 (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)
$x$ to $x+n$	$nq_x$	$l_x$	$n^d_x$	$nL_x$	$T_x$	$e_x$
ALL OTHER						
0-1	0.0276	100,000	2,757	97,616	6,590,158	65.9
1-5	.0048	97,243	470	387,800	6,492,542	66.8
5-10	.0027	96,773	264	483,142	6,104,742	63.1
10-15	.0026	96,509	249	481,979	5,621,600	58.2
15-20	.0067	96,260	647	479,849	5,139,621	53.4
20-25	.0125	95,613	1,198	475,229	4,659,772	48.7
25-30	.0152	94,415	1,435	468,638	4,184,543	44.3
30-35	.0182	92,980	1,690	460,883	3,715,905	40.0
35-40	.0254	91,290	2,314	450,997	3,255,022	35.7
40-45	.0348	88,976	3,099	437,503	2,804,025	31.5
45-50	.0512	85,877	4,398	419,113	2,366,522	27.6
50-55	.0694	81,479	5,655	393,971	1,947,512	23.9
55-60	.0988	75,824	7,492	361,057	1,553,541	20.5
60-65	.1286	66,332	8,790	320,149	1,192,484	17.5
65-70	.1633	59,542	9,720	273,643	872,335	14.7
70-75	.2581	49,822	12,860	216,686	598,692	12.0
75-80	.3013	36,962	11,135	156,682	382,306	10.3
80-85	.3287	25,827	8,489	107,414	225,324	8.7
85 AND OVER	1.0000	17,338	17,338	117,910	117,910	6.8
ALL OTHER, MALE						
0-1	0.0304	100,000	3,040	97,368	6,186,532	61.9
1-5	.0054	96,960	525	380,526	6,089,164	62.8
5-10	.0033	96,435	316	481,325	5,702,638	59.1
10-15	.0034	96,119	326	479,868	5,221,313	54.3
15-20	.0095	95,793	908	476,941	4,741,445	49.5
20-25	.0191	94,885	1,810	470,123	4,264,504	44.9
25-30	.0235	93,075	2,186	460,068	3,794,381	40.8
30-35	.0260	90,889	2,363	448,775	3,334,313	36.7
35-40	.0347	88,526	3,074	435,364	2,885,538	32.6
40-45	.0453	85,452	3,873	418,335	2,450,174	28.7
45-50	.0657	81,579	5,357	395,230	2,032,139	24.9
50-55	.0883	76,222	6,733	365,069	1,636,909	21.5
55-60	.1252	69,489	8,699	326,582	1,271,840	18.3
60-65	.1614	60,790	9,811	280,014	945,458	15.6
65-70	.2029	50,979	10,342	229,168	665,444	13.1
70-75	.2943	40,637	11,961	172,633	436,276	10.7
75-80	.3541	28,676	10,155	117,474	263,643	9.2
80-85	.3815	18,521	7,065	74,373	146,169	7.9
85 AND OVER	1.0000	11,456	11,456	71,796	71,796	6.3
ALL OTHER, FEMALE						
0-1	0.0247	100,000	2,466	97,871	7,006,271	70.1
1-5	.0043	97,534	415	389,105	6,938,433	70.8
5-10	.0022	97,119	211	485,005	6,519,295	67.1
10-15	.0018	96,908	171	484,139	6,034,290	62.3
15-20	.0040	96,737	385	482,818	5,550,151	57.4
20-25	.0066	96,352	636	480,270	5,067,333	52.6
25-30	.0081	95,716	771	476,772	4,587,063	47.9
30-35	.0115	94,945	1,091	472,160	4,110,291	43.3
35-40	.0176	93,854	1,652	465,388	3,638,131	38.8
40-45	.0260	92,202	2,395	455,307	3,172,743	34.4
45-50	.0386	89,807	3,466	440,868	2,717,436	30.3
50-55	.0525	86,341	4,533	420,984	2,276,568	26.4
55-60	.0753	81,808	6,161	394,257	1,855,584	22.7
60-65	.0996	75,647	7,538	359,716	1,461,327	19.3
65-70	.1302	68,109	8,868	318,691	1,101,611	16.2
70-75	.2256	59,241	13,367	262,951	782,920	13.2
75-80	.2585	45,874	11,857	199,732	519,969	11.3
80-85	.2904	34,017	9,877	145,025	320,237	9.4
85 AND OVER	1.0000	24,140	24,140	175,212	175,212	7.3

SECTION 5 - LIFE TABLES

Table 5-2. Number of Survivors at Single Years of Age, Out of 100,000 Born Alive, by Color and Sex: United States, 1973

AGE	TOTAL			WHITE			ALL OTHER		
	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
1	98,022	98,022	98,464	98,450	98,246	98,666	97,243	96,960	97,534
2	96,119	97,895	98,356	98,348	98,137	98,572	97,043	96,744	97,360
3	94,039	97,837	98,284	98,275	98,056	98,528	96,931	96,620	97,250
4	91,978	97,755	98,234	98,218	97,990	98,462	96,845	96,518	97,181
5	89,925	97,674	98,189	98,169	97,953	98,470	96,775	96,435	97,119
6	87,864	97,596	98,145	98,113	97,861	98,381	96,702	96,320	97,056
7	85,816	97,538	98,107	98,068	97,806	98,345	96,622	96,243	97,007
8	83,778	97,496	98,074	98,032	97,766	98,313	96,576	96,191	96,968
9	81,748	97,464	98,045	98,003	97,736	98,285	96,540	96,153	96,936
10	79,722	97,438	98,020	97,978	97,712	98,260	96,509	96,119	96,908
11	77,697	97,412	97,997	97,954	97,689	98,237	96,476	96,080	96,881
12	75,669	97,380	97,973	97,928	97,660	98,214	96,448	96,032	96,853
13	73,634	97,356	97,947	97,895	97,618	98,189	96,391	95,970	96,821
14	71,597	97,327	97,916	97,850	97,595	98,159	96,352	95,891	96,783
15	69,554	97,297	97,877	97,789	97,475	98,122	96,266	95,793	96,737
16	67,504	97,275	97,829	97,710	97,364	98,076	96,172	95,673	96,681
17	65,454	97,245	97,773	97,613	97,227	98,022	96,065	95,528	96,615
18	63,404	97,232	97,711	97,502	97,368	97,962	95,938	95,352	96,538
19	61,354	97,139	97,645	97,364	97,395	97,900	95,788	95,139	96,450
20	59,304	96,405	97,578	97,262	96,714	97,833	95,613	94,885	96,352
21	57,254	96,203	97,510	97,138	96,527	97,777	95,412	94,587	96,242
22	55,204	96,033	97,441	97,110	96,353	97,716	95,186	94,248	96,121
23	53,154	95,769	97,370	96,881	96,137	97,656	94,940	93,876	95,991
24	51,104	95,550	97,298	96,754	95,944	97,595	94,681	93,482	95,855
25	49,054	95,337	97,226	96,630	95,758	97,533	94,415	93,075	95,716
26	47,004	95,132	97,152	96,510	95,582	97,470	94,143	92,656	95,575
27	44,954	94,934	97,077	96,393	95,414	97,405	93,863	92,224	95,430
28	42,904	94,740	97,000	96,278	95,252	97,339	93,576	91,783	95,278
29	40,854	94,548	96,919	96,163	95,092	97,270	93,282	91,337	95,117
30	38,804	94,354	96,833	96,046	94,932	97,197	92,980	90,889	94,945
31	36,754	94,158	96,742	95,926	94,770	97,120	92,671	90,440	94,760
32	34,704	93,958	96,644	95,802	94,605	97,038	92,353	89,989	94,561
33	32,654	93,752	96,539	95,673	94,435	96,951	92,021	89,527	94,345
34	30,604	93,536	96,425	95,537	94,257	96,856	91,668	89,042	94,110
35	28,554	93,327	96,301	95,391	94,068	96,753	91,290	88,526	93,854
36	26,504	93,106	96,165	95,234	93,867	96,640	90,884	87,974	93,575
37	24,454	92,881	96,017	95,064	93,650	96,517	90,448	87,387	93,271
38	22,404	92,652	95,856	94,875	93,416	96,382	89,984	86,768	92,941
39	20,354	92,419	95,680	94,679	93,163	96,235	89,493	86,122	92,585
40	18,304	91,896	95,463	94,462	92,889	96,075	88,976	85,452	92,202
41	16,254	91,550	95,282	94,226	92,592	95,903	88,433	84,758	91,792
42	14,204	91,177	95,057	93,968	92,288	95,710	87,859	84,035	91,352
43	12,154	90,770	94,812	93,685	91,971	95,501	87,248	83,273	90,878
44	10,104	90,323	94,544	93,371	91,615	95,270	86,590	82,458	90,364
45	8,054	89,830	94,251	93,022	91,274	95,015	85,877	81,579	89,807
46	6,004	89,285	93,929	92,637	90,883	94,733	85,105	80,630	89,202
47	3,954	88,667	93,578	92,211	90,439	94,423	84,274	79,613	88,549
48	1,904	88,037	93,159	91,746	89,944	94,086	83,388	78,523	87,851
49	0,854	87,338	92,764	91,244	89,401	93,734	82,455	77,401	87,114
50	0,804	86,592	92,363	90,736	88,811	93,366	81,479	76,222	86,341
51	0,754	85,798	91,906	90,132	88,172	92,972	80,463	75,000	85,533
52	0,704	84,949	91,419	89,515	87,573	92,547	79,402	73,730	84,686
53	0,654	84,032	90,896	88,846	86,915	92,112	78,284	72,399	83,791
54	0,604	83,122	90,329	88,112	86,266	91,663	77,095	70,969	82,835
55	0,554	82,197	89,711	87,303	85,618	91,204	75,824	69,485	81,808
56	0,504	81,239	89,038	86,414	84,966	90,731	74,463	67,955	80,707
57	0,454	80,266	88,310	85,444	84,308	90,247	73,031	66,215	79,524
58	0,404	79,241	87,526	84,362	83,646	89,746	71,522	64,460	78,295
59	0,354	78,150	86,689	83,262	82,973	89,232	69,952	62,647	76,997
60	0,304	77,061	85,800	82,033	82,290	88,706	68,332	60,760	75,647
61	0,254	75,916	84,854	80,763	81,527	88,175	66,657	58,800	74,237
62	0,204	74,735	83,844	79,461	80,742	87,638	64,926	56,948	72,763
63	0,154	73,512	82,775	78,122	79,911	87,093	63,153	54,974	71,240
64	0,104	72,247	81,640	76,733	79,056	86,544	61,327	52,982	69,686
65	0,054	70,940	80,439	75,292	78,145	85,990	59,452	50,970	68,109
66	0,004	69,592	79,169	73,804	77,169	85,433	57,532	48,980	66,530
67	0,004	68,204	77,821	72,266	76,145	84,870	55,565	46,933	64,934
68	0,004	66,774	76,378	70,682	75,082	84,302	53,557	44,954	63,248
69	0,004	65,304	74,816	69,063	73,999	83,726	51,502	42,848	61,372
70	0,004	63,797	73,118	67,319	72,806	83,146	49,412	40,637	59,241
71	0,004	62,254	71,262	65,544	71,513	82,561	47,282	38,312	56,828
72	0,004	60,667	69,306	63,744	69,999	81,970	45,113	35,885	54,175
73	0,004	59,032	67,247	61,919	68,334	81,373	42,917	33,445	51,380
74	0,004	57,351	65,080	60,067	66,567	80,772	40,684	31,020	48,579
75	0,004	55,624	62,803	58,189	64,700	80,167	38,415	28,676	45,874
76	0,004	53,851	60,416	56,289	62,744	79,558	36,119	26,339	43,305
77	0,004	52,032	57,917	54,362	60,700	78,946	33,794	24,013	40,877
78	0,004	50,167	55,348	52,416	58,754	78,331	31,439	21,700	38,543
79	0,004	48,254	52,681	50,451	56,806	77,713	29,054	19,360	36,265
80	0,004	46,297	50,011	48,476	54,854	77,086	26,649	17,000	34,017
81	0,004	44,297	47,341	46,491	52,902	76,455	24,224	14,617	31,796
82	0,004	42,254	44,670	44,506	50,950	75,822	21,784	12,212	29,629
83	0,004	40,167	41,903	42,521	48,998	75,186	19,289	9,787	27,571
84	0,004	38,032	39,080	40,536	47,046	74,547	16,740	7,348	25,734
85	0,004	35,851	36,203	38,551	45,094	73,904	14,135	4,909	24,140

SECTION 5 · LIFE TABLES

Table 5-3. Expectation of Life at Single Years of Age, by Color and Sex: United States, 1973

AGE	TOTAL			WHITE			ALL OTHER		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
0	71.3	67.6	75.3	72.2	68.4	76.1	65.9	61.9	70.1
1	71.6	67.9	75.5	72.3	68.6	76.1	66.8	62.8	70.8
2	70.7	67.0	74.5	71.4	67.7	75.2	65.9	61.9	70.0
3	69.8	66.1	73.6	70.4	66.8	74.2	65.0	61.0	69.0
4	68.8	65.1	72.6	69.5	65.8	73.3	64.0	60.1	68.1
5	67.8	64.2	71.7	68.5	64.9	72.3	63.1	59.1	67.1
6	66.9	63.2	70.7	67.5	63.9	71.3	62.1	58.2	66.2
7	65.9	62.3	69.7	66.6	62.9	70.3	61.2	57.2	65.2
8	64.9	61.3	68.7	65.6	62.0	69.4	60.2	56.3	64.2
9	64.0	60.3	67.8	64.6	61.0	68.4	59.2	55.3	63.3
10	63.0	59.3	66.8	63.6	60.0	67.4	58.2	54.3	62.3
11	62.0	58.3	65.8	62.6	59.0	66.4	57.3	53.3	61.3
12	61.0	57.3	64.8	61.7	58.0	65.4	56.3	52.4	60.3
13	60.0	56.4	63.8	60.7	57.1	64.5	55.3	51.4	59.3
14	59.1	55.4	62.8	59.7	56.1	63.5	54.4	50.4	58.3
15	58.1	54.5	61.9	58.7	55.1	62.5	53.4	49.5	57.4
16	57.1	53.5	60.9	57.8	54.2	61.5	52.4	48.6	56.4
17	56.2	52.6	59.9	56.9	53.3	60.6	51.5	47.6	55.4
18	55.3	51.7	59.0	55.9	52.4	59.6	50.6	46.7	54.5
19	54.3	50.8	58.0	55.0	51.5	58.6	49.6	45.8	53.5
20	53.4	49.9	57.1	54.1	50.5	57.7	48.7	44.9	52.6
21	52.5	49.0	56.1	53.1	49.6	56.7	47.8	44.1	51.7
22	51.6	48.1	55.1	52.2	48.7	55.7	46.9	43.2	50.7
23	50.6	47.2	54.2	51.3	47.8	54.8	46.1	42.4	49.8
24	49.7	46.3	53.2	50.3	46.9	53.8	45.2	41.6	48.9
25	48.8	45.4	52.3	49.4	46.0	52.8	44.3	40.8	47.9
26	47.9	44.5	51.3	48.5	45.1	51.9	43.4	39.9	47.0
27	46.9	43.6	50.3	47.5	44.2	50.9	42.6	39.1	46.1
28	46.0	42.7	49.4	46.6	43.3	49.9	41.7	38.3	45.1
29	45.1	41.8	48.4	45.6	42.3	49.0	40.8	37.5	44.2
30	44.1	40.9	47.5	44.7	41.4	48.0	40.0	36.7	43.3
31	43.2	39.9	46.5	43.7	40.5	47.1	39.1	35.9	42.4
32	42.3	39.0	45.5	42.8	39.5	46.1	38.2	35.0	41.5
33	41.3	38.1	44.6	41.8	38.6	45.1	37.4	34.2	40.6
34	40.4	37.2	43.6	40.9	37.7	44.2	36.5	33.4	39.7
35	39.5	36.3	42.7	40.0	36.8	43.2	35.7	32.6	38.8
36	38.5	35.4	41.8	39.0	35.8	42.3	34.8	31.8	37.9
37	37.6	34.5	40.8	38.1	34.9	41.3	34.0	31.0	37.0
38	36.7	33.6	39.9	37.2	34.0	40.4	33.2	30.2	36.1
39	35.8	32.7	39.0	36.2	33.1	39.4	32.3	29.4	35.3
40	34.9	31.8	38.0	35.3	32.2	38.5	31.5	28.7	34.4
41	34.0	30.9	37.1	34.4	31.3	37.6	30.7	27.9	33.6
42	33.1	30.0	36.2	33.5	30.4	36.7	29.9	27.1	32.7
43	32.2	29.2	35.3	32.6	29.5	35.7	29.1	26.4	31.9
44	31.3	28.3	34.4	31.7	28.6	34.8	28.3	25.6	31.1
45	30.5	27.5	33.5	30.8	27.8	33.9	27.6	24.9	30.3
46	29.6	26.6	32.6	30.0	26.9	33.0	26.8	24.2	29.5
47	28.8	25.8	31.7	29.1	26.1	32.1	26.0	23.5	28.7
48	27.9	25.0	30.9	28.2	25.3	31.2	25.3	22.8	27.9
49	27.1	24.2	30.0	27.4	24.4	30.3	24.6	22.1	27.1
50	26.3	23.4	29.1	26.6	23.6	29.5	23.9	21.5	26.4
51	25.5	22.6	28.3	25.7	22.8	28.6	23.2	20.8	25.6
52	24.6	21.8	27.4	24.9	22.0	27.7	22.5	20.2	24.9
53	23.8	21.1	26.6	24.1	21.2	26.9	21.8	19.5	24.1
54	23.1	20.3	25.7	23.3	20.5	26.0	21.1	18.9	23.4
55	22.3	19.6	24.9	22.5	19.7	25.2	20.5	18.3	22.7
56	21.5	18.9	24.1	21.7	19.1	24.4	20.0	17.7	22.0
57	20.8	18.2	23.3	21.0	18.3	23.5	19.2	17.2	21.3
58	20.0	17.5	22.5	20.2	17.6	22.7	18.6	16.6	20.6
59	19.3	16.8	21.7	19.5	16.9	21.9	18.0	16.1	20.0
60	18.6	16.2	20.9	18.8	16.2	21.1	17.5	15.6	19.3
61	17.9	15.5	20.2	18.0	15.6	20.3	16.9	15.0	18.7
62	17.2	14.9	19.4	17.4	15.0	19.6	16.3	14.5	18.0
63	16.6	14.3	18.6	16.7	14.3	18.8	15.8	14.0	17.4
64	15.9	13.7	17.9	16.0	13.7	18.0	15.2	13.5	16.8
65	15.3	13.1	17.2	15.3	13.2	17.3	14.7	13.1	16.2
66	14.6	12.6	16.4	14.7	12.6	16.5	14.1	12.6	15.5
67	14.0	12.0	15.7	14.0	12.0	15.8	13.5	12.1	14.9
68	13.4	11.5	15.0	13.4	11.5	15.1	13.0	11.6	14.3
69	12.8	10.9	14.3	12.8	10.9	14.4	12.5	11.2	13.7
70	12.2	10.4	13.6	12.2	10.4	13.7	12.0	10.7	13.2
71	11.6	9.9	12.9	11.6	9.9	13.0	11.6	10.4	12.8
72	11.0	9.5	12.3	11.0	9.4	12.3	11.2	10.0	12.4
73	10.5	9.0	11.7	10.5	9.0	11.7	10.9	9.7	12.0
74	10.0	8.6	11.1	10.0	8.5	11.0	10.6	9.5	11.7
75	9.5	8.2	10.5	9.4	8.1	10.3	10.3	9.2	11.3
76	9.0	7.8	9.9	8.9	7.7	9.6	10.0	8.9	11.0
77	8.6	7.4	9.4	8.5	7.3	9.3	9.7	8.7	10.6
78	8.1	7.0	8.9	8.0	6.9	8.8	9.4	8.4	10.2
79	7.7	6.7	8.4	7.6	6.6	8.3	9.0	8.1	9.8
80	7.3	6.4	7.9	7.2	6.3	7.9	8.7	7.9	9.4
81	6.9	6.1	7.5	6.8	5.9	7.4	8.4	7.6	9.0
82	6.6	5.8	7.1	6.4	5.6	7.0	8.1	7.4	8.6
83	6.2	5.5	6.6	6.1	5.3	6.5	7.7	7.1	8.2
84	5.8	5.1	6.2	5.7	5.0	6.1	7.3	6.8	7.8
85	5.4	4.8	5.8	5.3	4.7	5.7	6.8	6.3	7.3

## SECTION 5 - LIFE TABLES

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Table 5-4. Life Table Values by Color and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1973

[Alaska and Hawaii included beginning in 1959 and 1960. 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" cover only Negroes. However, in no case did the Negro population comprise less than 95 percent of the corresponding "All other" population]

AGE, COLOR, AND SEX	NUMBER OF SURVIVORS OUT OF 100,000 PERM ALIVE								
	1973	1972	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
1-----	98,246	98,176	97,408	96,931	95,188	93,768	91,975	87,674	86,655
5-----	97,933	97,853	97,015	96,403	94,150	91,738	88,842	82,972	80,864
10-----	97,712	97,633	96,758	96,069	93,601	90,810	87,530	81,519	79,109
15-----	97,475	97,395	96,503	95,728	93,089	90,074	86,546	80,549	78,037
20-----	96,714	96,660	95,938	95,104	92,293	88,904	84,997	79,116	76,376
25-----	95,733	95,733	95,106	94,294	91,241	87,371	83,061	77,047	73,907
30-----	94,932	94,934	94,401	93,489	90,052	85,707	80,888	74,810	71,219
35-----	94,368	94,089	93,589	92,543	88,713	83,812	78,441	72,108	68,245
40-----	92,889	92,935	92,427	91,173	86,880	81,457	75,733	68,848	64,954
45-----	91,074	91,095	90,533	89,302	84,285	78,345	72,696	65,115	61,369
50-----	88,111	88,082	87,424	85,601	80,521	74,288	69,107	60,741	57,274
55-----	83,718	83,540	82,463	80,456	75,156	68,981	64,574	55,622	52,491
60-----	76,906	76,627	75,485	73,172	67,787	61,933	58,498	48,987	46,452
65-----	67,459	67,079	65,834	63,541	58,305	52,964	50,663	40,862	39,245
70-----	55,524	54,995	53,325	51,735	46,739	41,880	40,873	31,527	30,640
75-----	41,510	40,835	40,207	38,104	33,404	29,471	29,205	21,585	21,387
80-----	26,499	26,337	25,993	24,705	19,860	17,221	17,655	12,160	12,266
85-----	13,996	13,683	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
1-----	96,960	96,814	95,301	94,911	91,696	91,268	89,499	78,065	74,674
5-----	96,435	96,313	94,570	93,921	89,920	88,412	85,195	68,589	64,385
10-----	96,119	96,037	94,234	93,453	89,211	87,311	83,768	66,377	61,730
15-----	95,793	95,743	93,874	92,965	88,417	86,152	82,332	64,478	59,667
20-----	94,885	94,748	93,108	91,941	86,770	83,621	79,057	61,426	56,733
25-----	93,075	92,791	91,325	90,285	84,055	79,516	74,540	57,736	53,285
30-----	90,889	90,623	90,270	88,327	80,665	75,093	70,344	54,073	49,867
35-----	88,526	88,107	88,331	85,940	77,185	70,049	65,873	49,865	46,541
40-----	85,452	84,270	85,744	82,332	72,830	64,710	61,353	45,414	42,989
45-----	81,579	80,579	82,075	78,636	67,514	58,432	56,589	39,230	37,230
50-----	76,222	75,204	77,239	72,391	60,766	51,748	51,880	35,427	34,766
55-----	69,489	68,443	70,351	65,122	52,667	44,436	46,581	29,754	29,987
60-----	60,750	59,789	61,659	55,535	44,370	35,790	40,506	23,750	24,194
65-----	50,979	50,979	51,392	45,192	35,612	29,514	34,042	17,806	19,015
70-----	40,637	39,738	39,914	35,012	27,698	21,741	26,923	12,295	13,829
75-----	28,676	28,252	28,064	25,472	19,765	14,419	18,854	7,494	8,892
80-----	18,521	18,277	19,994	16,904	12,352	8,239	11,615	3,894	4,831
85-----	11,456	11,293	11,620	9,393	6,452	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
1-----	98,666	98,630	98,036	97,645	94,211	93,037	93,608	89,774	88,939
5-----	98,420	98,378	97,709	97,199	93,309	92,216	90,721	85,349	83,426
10-----	98,260	98,214	97,525	96,760	94,690	92,465	89,564	83,979	81,723
15-----	98,122	98,073	97,375	96,754	94,534	91,894	88,712	83,093	80,680
20-----	97,833	97,788	97,135	96,454	93,584	90,939	87,281	81,750	78,978
25-----	97,533	97,474	96,844	96,072	92,328	89,524	85,163	79,865	76,588
30-----	97,197	97,135	96,495	95,635	92,320	87,574	82,740	77,676	73,837
35-----	96,753	96,674	96,026	94,977	91,211	86,243	80,206	75,200	70,971
40-----	96,075	95,987	95,326	94,380	89,808	84,256	77,624	72,425	67,935
45-----	95,015	94,894	94,228	92,725	87,520	81,780	74,871	69,341	64,677
50-----	93,338	93,184	92,522	90,685	85,257	78,572	71,547	65,629	61,005
55-----	90,924	90,759	89,967	87,699	81,520	74,321	67,323	61,053	56,539
60-----	87,266	87,110	86,239	83,379	76,200	68,462	61,704	54,900	50,752
65-----	82,175	82,014	80,739	76,773	68,701	60,499	54,299	47,086	43,806
70-----	75,055	74,644	72,507	67,545	58,363	49,932	44,638	37,482	35,296
75-----	64,579	63,250	60,461	54,397	44,635	37,024	32,777	26,559	25,362
80-----	49,413	48,782	44,676	38,026	28,482	23,053	20,492	15,929	15,349
85-----	32,168	31,545	26,346	21,348	14,437	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
1-----	97,534	97,380	96,172	95,913	93,318	92,796	91,251	81,493	78,525
5-----	97,119	96,952	95,543	95,055	91,710	90,185	87,149	72,768	68,056
10-----	96,908	96,742	95,265	94,675	91,092	89,201	85,607	70,508	65,111
15-----	96,737	96,561	95,057	94,343	90,263	88,083	83,954	68,218	62,384
20-----	96,352	96,180	94,660	93,544	88,505	85,078	80,154	64,764	59,056
25-----	95,716	95,542	94,005	92,336	85,561	81,067	75,359	61,430	55,795
30-----	94,945	94,704	93,070	90,799	83,147	76,816	70,633	58,281	52,773
35-----	93,854	93,551	91,670	88,305	79,879	72,192	65,857	54,595	49,567
40-----	92,202	91,873	89,676	86,052	75,908	67,271	61,130	50,568	46,146
45-----	89,807	89,376	86,792	82,257	71,061	61,365	56,230	45,947	42,279
50-----	86,341	85,934	82,979	77,007	64,886	54,920	50,780	40,886	37,681
55-----	81,803	81,368	77,362	70,196	57,419	47,074	44,742	35,415	33,124
60-----	75,647	75,314	69,941	61,758	49,132	38,761	37,954	28,908	27,524
65-----	67,663	67,663	60,125	52,358	40,718	20,852	31,044	22,302	21,995
70-----	59,241	58,429	51,274	42,612	32,579	23,341	24,107	15,871	16,140
75-----	45,874	45,831	40,540	32,981	24,668	16,576	17,216	10,657	11,066
80-----	34,017	34,436	30,315	23,712	17,157	10,822	11,151	6,324	6,708
85-----	24,140	24,258	19,744	15,550	10,658	6,033	5,972	3,029	3,567

## SECTION 5 - LIFE TABLES

Table 5-4. Life Table Values by Color and Sex: Death-Registration States, 1900-1902 to 1919-21, and United States, 1929-31 to 1973-Con.

[See headnote at beginning of table]

AGE, COLOR, AND SEX	AVERAGE NUMBER OF YEARS OF LIFE REMAINING								
	1973	1972	1959-61	1949-51	1939-41	1929-31	1919-21	1909-11	1900-1902
<b>WHITE, MALE</b>									
0-----	68.4	68.3	67.55	66.31	62.81	59.12	56.34	50.23	48.23
1-----	68.6	68.5	68.34	67.41	64.98	62.04	60.24	56.26	54.61
5-----	64.9	64.7	64.61	63.77	61.68	59.38	58.31	55.37	54.43
10-----	60.0	59.9	59.78	58.98	57.03	54.96	54.15	51.32	50.59
15-----	55.1	55.0	54.93	54.18	52.33	50.39	49.74	46.91	46.25
20-----	50.5	50.4	50.25	49.52	47.76	46.02	45.60	42.71	42.19
25-----	46.0	45.9	45.65	44.93	43.28	41.78	41.60	38.79	38.52
30-----	41.4	41.3	40.97	40.25	38.80	37.54	37.65	34.87	34.88
35-----	36.8	36.6	36.31	35.68	34.36	33.33	33.74	31.08	31.29
40-----	32.2	32.0	31.73	31.17	30.03	29.22	29.86	27.43	27.74
45-----	27.8	27.6	27.34	26.87	25.87	25.28	26.00	23.86	24.21
50-----	23.6	23.5	23.22	22.83	21.96	21.51	22.22	20.39	20.76
55-----	19.7	19.6	19.45	19.11	18.34	17.97	18.59	17.03	17.42
60-----	16.2	16.1	16.01	15.76	15.05	14.72	15.25	13.98	14.35
65-----	13.2	13.1	12.97	12.75	12.07	11.77	12.21	11.25	11.51
70-----	10.4	10.4	10.29	10.07	9.42	9.20	9.51	8.83	9.03
75-----	8.1	8.1	7.92	7.77	7.17	7.02	7.30	6.75	6.84
80-----	6.3	6.3	6.18	6.08	5.88	5.26	5.47	5.09	5.10
85-----	4.7	4.7	4.54	4.45	4.02	3.99	4.06	3.88	3.81
<b>ALL OTHER, MALE</b>									
0-----	61.9	61.5	61.48	58.91	52.33	47.55	47.14	34.05	32.54
1-----	62.8	62.5	62.50	61.06	56.05	51.08	51.63	42.53	42.46
5-----	59.1	58.8	59.98	57.69	53.13	48.69	50.18	44.25	45.06
10-----	54.3	54.0	55.15	52.96	48.54	44.27	45.99	41.65	41.90
15-----	49.5	49.1	50.39	48.23	43.95	39.83	41.75	36.77	38.26
20-----	44.9	44.6	45.78	43.73	39.74	35.95	38.36	33.46	35.11
25-----	40.8	40.5	41.38	39.45	35.94	32.67	35.54	30.44	32.21
30-----	36.7	36.4	37.05	35.31	32.25	29.45	32.51	27.33	29.25
35-----	32.6	32.4	32.81	31.21	28.67	26.39	29.54	24.42	26.16
40-----	28.7	28.5	28.72	27.29	25.23	23.36	26.53	21.57	23.12
45-----	24.8	24.8	24.89	23.59	22.02	20.59	23.55	18.85	20.09
50-----	21.5	21.4	21.28	20.25	19.18	17.92	20.47	16.21	17.34
55-----	18.3	18.3	18.11	17.36	16.67	15.46	17.50	13.82	14.69
60-----	15.6	15.6	15.29	14.91	14.38	13.15	14.74	11.67	12.62
65-----	13.1	13.1	12.84	12.75	12.38	11.87	12.07	9.74	10.38
70-----	10.7	10.8	10.81	10.74	10.06	8.78	9.58	8.00	8.33
75-----	9.2	9.3	8.93	8.83	8.09	6.99	7.61	6.58	6.60
80-----	7.9	8.0	6.87	7.07	6.46	5.42	5.83	5.53	5.12
85-----	6.3	6.4	5.08	5.38	5.08	4.30	4.53	4.48	4.04
<b>WHITE, FEMALE</b>									
0-----	76.1	75.9	74.19	72.03	67.29	62.67	58.53	53.62	51.08
1-----	76.1	75.9	74.68	72.77	68.93	64.93	61.51	58.69	56.39
5-----	72.3	72.1	70.92	69.09	65.57	62.17	59.43	57.67	56.03
10-----	67.4	67.2	66.05	64.26	60.85	57.65	55.17	53.57	52.15
15-----	62.3	62.3	61.15	59.39	56.07	53.00	50.67	49.12	47.79
20-----	57.7	57.5	56.29	54.56	51.38	48.52	46.46	44.98	43.77
25-----	52.8	52.7	51.45	49.77	46.78	44.25	42.55	40.88	40.05
30-----	48.0	47.9	46.63	45.00	42.21	39.99	38.72	36.96	36.42
35-----	43.2	43.1	41.84	40.28	37.70	35.73	34.86	33.09	32.82
40-----	38.5	38.4	37.13	35.64	33.25	31.52	30.94	29.26	29.17
45-----	33.9	33.8	32.53	31.12	28.90	27.39	26.98	25.45	25.51
50-----	29.5	29.3	28.08	26.76	24.72	23.41	23.12	21.74	21.89
55-----	25.2	25.1	23.81	22.58	20.73	19.60	19.40	18.18	18.43
60-----	21.1	21.0	19.69	18.64	17.00	16.05	15.93	14.92	15.23
65-----	17.3	17.1	15.88	15.00	13.56	12.81	12.75	11.97	12.23
70-----	13.7	13.6	12.38	11.68	10.50	9.98	9.94	9.38	9.59
75-----	10.4	10.4	9.28	8.87	7.92	7.56	7.62	7.20	7.33
80-----	7.9	7.8	6.67	6.59	5.88	5.63	5.70	5.35	5.50
85-----	5.7	5.7	4.66	4.83	4.34	4.24	4.24	4.06	4.10
<b>ALL OTHER, FEMALE</b>									
0-----	70.1	69.9	66.47	62.70	55.51	49.51	46.92	37.67	35.04
1-----	70.8	70.8	68.10	64.37	58.47	52.33	50.39	45.15	43.54
5-----	67.1	67.1	64.54	60.93	55.47	49.81	48.70	46.42	46.04
10-----	62.3	62.2	59.72	56.17	50.83	45.33	44.54	42.84	43.02
15-----	57.4	57.3	54.85	51.36	46.22	40.87	40.36	39.18	39.79
20-----	52.6	52.5	50.07	46.77	42.14	37.22	37.15	36.14	36.89
25-----	47.9	47.9	45.40	42.35	38.31	33.93	34.35	32.97	33.90
30-----	43.3	43.3	40.83	38.02	34.52	30.67	31.48	29.61	30.70
35-----	38.8	38.8	36.41	33.82	30.83	27.47	28.58	26.44	27.52
40-----	34.4	34.4	32.16	29.82	27.31	24.30	25.60	23.34	24.37
45-----	30.3	30.3	28.14	26.07	24.00	21.39	22.61	20.43	21.36
50-----	26.4	26.4	24.31	22.67	21.04	18.60	19.76	17.65	18.67
55-----	22.7	22.8	20.89	19.62	18.44	16.27	17.09	14.98	15.88
60-----	19.3	19.4	17.83	16.95	16.14	14.22	14.69	12.78	13.60
65-----	16.3	16.3	15.12	14.54	13.95	12.24	12.41	10.82	11.38
70-----	13.5	13.5	12.46	12.29	11.81	10.38	10.25	9.22	9.62
75-----	11.3	11.5	10.10	10.15	9.80	8.62	8.37	7.55	7.90
80-----	9.4	9.4	7.66	8.15	8.00	6.90	6.58	6.05	6.48
85-----	7.3	7.4	5.44	6.15	6.38	5.48	5.22	5.09	5.10

SECTION 5 - LIFE TABLES

Table 5-5. Estimated Average Length of Life in Years, by Color and Sex: Death-Registration States, 1900-1928, and United States, 1929-73

[Estimates based on life table values shown in table 5-4]

AREA AND YEAR	TOTAL			WHITE			ALL OTHER		
	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE	BOTH SEXES	MALE	FEMALE
UNITED STATES									
1973-----	71.3	67.6	75.3	72.2	63.4	76.1	65.9	61.9	70.1
1972-----	71.1	67.4	75.1	72.0	63.3	75.9	65.6	61.5	69.9
1971-----	71.1	67.4	75.0	72.0	63.3	75.8	65.6	61.6	69.7
1970-----	70.9	67.1	74.8	71.7	63.0	75.6	65.3	61.3	69.4
1969-----	70.4	66.3	74.3	71.3	62.8	75.1	64.3	60.5	68.4
1968-----	73.2	66.6	74.0	71.1	67.9	74.9	63.7	60.1	67.5
1967-----	70.5	67.0	74.2	71.3	67.8	75.1	64.6	61.1	68.2
1966-----	70.1	66.7	73.8	71.0	67.6	74.7	64.0	60.7	67.4
1965-----	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1964-----	70.2	66.9	73.7	71.0	67.7	74.6	64.1	61.1	67.2
1963 <sup>1</sup> -----	69.9	66.6	73.4	70.8	67.5	74.4	63.6	60.9	66.5
1962 <sup>1</sup> -----	70.0	66.8	73.4	70.9	67.6	74.4	64.1	61.5	66.8
1961-----	70.2	67.0	73.6	71.0	67.8	74.5	64.4	61.9	67.0
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	65.9	68.0	65.5	71.0	60.0	58.1	62.5
1947-----	66.8	64.4	65.7	67.6	65.2	70.5	59.7	57.9	61.9
1946-----	66.7	64.4	65.4	67.5	65.1	70.2	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-----	62.3	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	65.4	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-----	60.3	58.3	62.4	61.4	59.3	63.2	50.2	46.3	52.5
1936-----	58.5	56.6	60.6	59.8	58.0	61.5	48.0	47.0	51.4
1935-----	61.7	59.9	63.9	62.9	61.0	65.0	52.1	51.2	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	66.2	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	61.2	64.7	53.4	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	60.2	46.7	45.7	47.8
DEATH REGISTRATION STATES									
1928-----	56.8	55.6	58.3	58.4	57.0	63.0	46.3	45.6	47.0
1927-----	60.4	59.0	62.1	62.0	60.5	63.6	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-----	59.3	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	55.1	58.5	58.3	57.1	59.6	48.3	47.7	48.9
1922-----	56.6	54.4	61.0	60.4	59.1	61.9	52.4	51.8	53.7
1921-----	60.3	60.0	61.8	61.8	60.8	62.5	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-----	38.1	36.6	42.2	38.8	37.1	42.2	31.1	29.9	32.5
1917-----	50.9	48.4	54.0	52.0	49.3	55.3	36.8	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	50.5	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

<sup>1</sup>FIGURES BY COLOR EXCLUDE DATA FOR RESIDENTS OF NEW JERSEY; SEE TECHNICAL APPENDIX.