

# **Life Tables for the United States Social Security Area 1900-2080**

Actuarial Study No. 107

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## Forward

Actuarial Study No. 107 displays life tables based on historical and projected mortality in the United States. This projected mortality was used in estimating the future costs for the Old-Age, Survivors, and Disability Insurance (OASDI) program included in the 1992 Report of the OASDI Board of Trustees to Congress.

The reader should be aware that the life tables in this study differ from the official tables published in conjunction with each decennial census. However, the tables in this study are better suited to studying time trends because, unlike the official decennial tables, they have all been constructed using the same method. The reader should also be aware that the life tables in this study may show small discrepancies in the mathematical relationships that should hold among the various columns, because more decimal places were used in the calculations that are displayed.

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# Life Tables for the United States Social Security Area 1900-2080

## I. Introduction

Each year, estimates of future income and expenditures of the Old-Age and Survivors Insurance and Disability Insurance (OASDI) program are presented to the Congress in the Annual Report of the Board of Trustees. These estimates illustrate possible scenarios of the future financial position of the OASDI program, under present law, and thus are valuable in the policy making process for the program.

To produce these financial estimates, projections of the population in the Social Security coverage area are needed. One of the essential components of population projections is a projection of mortality, which is the subject of this study. For the 1992 Trustees Report, three separate projections were prepared. These were denoted alternatives I, II, and III, and were based on three different sets of assumptions about future death rates. The alternative II projections are thought to be the most likely to occur among the three sets. All mortality projections presented in this study are from the alternative II projections. These projections were also used in estimating the future financial status of the Hospital Insurance (HI) program as described in the 1992 Annual Report of the HI Board of Trustees.

Mortality rates are presented in this study in the form of life tables, which are commonly used by actuaries and demographers. Tables on both period and cohort bases are included. These tables supersede those published in Actuarial Study Number 89, which were used in the preparation of the 1984 Annual Report. The mortality experience and projections contained in this study were used in preparation of the 1992 Trustees Report and supersede those used for the 1991 Trustees Report.

## II. Basic Concepts

An ideal representation of human mortality would provide a measure of the rate of death occurring at specified ages periods over specified periods of time. In the past, mathematical formulas (such as the Gompertz, Makeham, or logistic curves) satisfied this criterion approximately over a broad range of ages. However, as actual data has become more abundant and more reliable, the use of approximate mathematical formulas has become less necessary and desirable. Today, mortality is most commonly represented in the form of a life table, which gives probabilities of death

within one year at each exact integral age. These probabilities are generally based on tabulations of deaths in a given population and estimates of the size of that population. Although a life table does not give mortality at non-integral ages or for non-integral durations, as can be obtained from a mathematical formula, acceptable methods for estimating such values are well known.

Two basic types of life tables are presented in this study, period-based tables and cohort-based tables. Each type of table can be constructed either based on actual population data or on expected future experience. A period life table is based on, or represents, the mortality experience of an entire population during a relatively short period of time, usually one to three years. Life tables based directly on population data are generally constructed as period life tables because death and population data are most readily available on a time period basis. Such tables are useful in analyzing changes in the mortality experienced by a population through time. If the experience study is limited to short periods of time, the resulting rates will be more uniformly representative of the entire period. This study presents period life tables by sex for decennial years 1900 through 1980 based on United States and Medicare data, and for decennial years 1990 through 2080 reflecting projected mortality.

A cohort, or generation, life table is based on, or represents, mortality experience over the entire lifetime of a cohort of persons born during a relatively short period of time, usually one year. Cohort life tables based directly on population experience data are relatively rare because of the need for data of consistent quality over a very long period of time. Cohort tables can, however, be readily produced reflecting mortality rates from a series of period tables for past years, projections of future mortality, or a combination of the two. Such tables are superior to period tables for the purpose of projecting a population into the future when mortality is expected to change over time and for analyzing the generational trends in mortality. This study presents cohort life tables for births in decennial years 1900 and 1910 and quinquennial years 1920 through 1990, reflecting the mortality experience and projections described above.

A life table treats the mortality experience upon which it is based as though it represents the experience of a single birth cohort consisting of 100,000 persons who experience, at each age of their lives, the probabilities of death, denoted  $q_x$ , shown in the table. The entry  $l_x$  in the life table shows the number of survivors of that birth cohort at each succeeding

exact integral age. Another entry,  $d_x$ , shows the number of deaths that would occur between succeeding exact integral ages among members of the cohort. The entry denoted  $L_x$  gives the number of person-years lived between consecutive exact integral ages and  $T_x$  gives the total number of person-years lived beyond each succeeding exact integral age, by all members of the cohort. The final entry in the life table,  $e_x$ , represents the average number of years of life remaining for members of the cohort still alive at each succeeding exact integral age, and is called the life expectancy.

The  $l_x$  entry in the life table is also useful for determining the life endurancy for a specified survival rate, which is defined as the age at which the ratio of  $l_x$  to 100,000 is equal to a specified value between 0 and 1.

A stationary population is what would result if the probabilities of death shown in the table were experienced each year, and 100,000 births occurred uniformly throughout each year, for all past and future years. A population with these characteristics would have a stationary number of persons from year to year (in fact, at any time) both in their total number and in their distribution by age. These numbers of persons, at age last birthday, are provided in the life table as the  $L_x$  values. The  $l_x$  entry is interpreted as the number of persons who attain each exact integral age during any year, and  $d_x$  is the number of persons who die at each age last birthday during any year. The entry  $T_x$  represents the number of persons alive at each exact integral age or beyond, at any time.

Although stationary population is clearly a theoretical concept, it can be applied usefully in many situations where the population of interest doesn't change much from year to year.

### III. Data

#### A. Sources

Annual tabulations of numbers of deaths by age and sex are made by the National Center for Health Statistics (NCHS) based on information supplied by States in the Death Registration Area, and are published in the volumes of Vital Statistics of the United States. Deaths are provided by five year age groups for ages 5 through 84, in total for ages 85 and older, and by single-year and smaller age intervals for ages 4 and under. One requirement for admission to the Death Registration Area, which since 1933 has included all the States, the District of Columbia and the independent registration area of New York City, was a demonstration of ninety percent completeness of registration. Because incentives for filing a death certificate are so strong (obtaining burial permits, collecting insurance benefits, settling estates, etc.) and because every state has adopted laws that require the registration of deaths, it is believed that errors of under registration of deaths are insignificant for the nation as a whole. Errors of misstatement of age on the death certifi-

cate, however, may very well cause distortion in the distribution of numbers of deaths by age group.

Annual estimates of the U.S. resident population by single year of age and sex are made by the Bureau of the Census and are published in Current Population Reports Series P-25. These estimates are affected by both undercount and misclassification in the decennial census. These errors, which may either offset or compound, are usually considered together as net undercount. Postcensal estimates are made by the "inflation-deflation" method which inflates the last previous census-level population by net undercount, carries the inflated population forward according to the births and deaths tabulated in the Vital Statistics, adjusts the population by estimated net immigration, and then deflates by net undercount. Thus the postcensal population estimates are affected by errors in the Vital Statistics and the effect tends to accumulate as the elapsed time from the last previous census increases. When results of the following census become available, the postcensal estimates are revised, and are then called intercensal estimates, thus removing much of the effect of errors in Vital Statistics and in net immigration estimates.

Death rates calculated by comparing numbers of deaths tabulated by the National Center for Health Statistics to the mid-year population estimated by the Bureau of the Census are affected by the errors from both sources, which may either offset or compound. Further, errors of noncomparability of numerator and denominator may also be introduced. Although efforts are made to minimize errors of noncomparability (by excluding armed forces overseas from the population estimates, for example), complete comparability is intrinsically impossible and cannot be achieved.

The errors of noncomparability can be eliminated if the numbers of deaths and the population are drawn from the same source. This approach, however, generally involves so large a reduction in the size of the population being observed, that more random error is introduced than noncomparability error is eliminated. One source of data on aged persons, which is not subject to errors of noncomparability and yet does permit a very large number of observations, is the Medicare program. This source involves fewer errors of misstatement of age because most of the data relate to individuals who have had to prove their date of birth to become entitled to benefits.

An error analogous to net undercount does appear to be present in the Medicare data, although the error is believed to have an insignificant effect on calculated death rates, except for the very aged (beginning at roughly age 95). This error stems from the presence in the data of "phantom records" which may have arisen because the person was registered in the program more than once, or because information about a person was miscoded when he registered, or because the person's death was not reported. Such phantom records are not of much concern to cost-conscious program administrators, however, because the Medicare program only pays benefits when bills for covered services rendered are submitted.

In an effort to reduce the number of phantom records, the Medicare based death rates calculated for years after 1987 were limited to the records of those Medicare participants that were also eligible for Social Security or Railroad retirement monthly income benefits, or who were government employees or retirees with enough Medicare qualifying government employment. This limitation eliminated approximately three percent of the Medicare records.

Data needed in order to project death rates by cause of death were obtained from Vital Statistics tabulations for years since 1968. For the years 1968-1978, adjustments were made to the distribution of the numbers of deaths by cause. The adjustments were needed in order to reflect the revision in the cause of death coding that occurred in 1979, and to make the data for the years 1968-1978 more comparable with the coding used for the years 1979 and later. The adjustments were based on comparability ratios published by the National Center for Health Statistics.

For the years 1900-1967, age-sex specific central death rates were calculated from Vital Statistics tabulations of deaths and Census estimates of populations. For the period 1968-1989 those same two sources were used for ages under 65, but records of the Medicare program were used to calculate rates for ages 65 and over. The numbers of deaths by cause from Vital Statistics tabulations were used to distribute the age-sex specific rates into age-sex-cause specific rates for the years 1968-1988.

### B. Adjustments in Population

Populations in some five-year age groups for some years were estimated from published figures for broader age groups. Death Registration States' populations during 1900-1932 for five-year age groups, 5-9 through 70-74, were estimated from the ten-year age groups, 5-14 through 65-74, by assuming that the distributions of five-year age groups within ten-year age groups were as published for the United States resident population. Death Registration States' populations during 1900-1932 and United States population during 1933-1939 for the age group 75-84 were distributed between the 75-79 and 80-84 age groups by using linear interpolation of the age distributions from Census enumerations. Death Registration States' populations during 1900-1932 and United States population during 1933-1967 for age group 85-89, 90-94, and 95 and over were estimated by distributing the group 85 and over using NCHS tabulated deaths for that year and Medicare data. Conterminous United States populations during 1950-1959 for age groups 0 and 1-4 were estimated from the group 0-4 by assuming the same distribution as in the United States, Alaska, and Hawaii combined. For 1959, deaths occurring in Alaska were excluded from total deaths, so that the population of the conterminous United States could be used to calculate the death rates. For all years, deaths tabulated at "age unstated" were prorated across the tabulated age groups.

### C. Projections

Any sound procedure for projecting mortality must begin with an analysis of past trends. In this actuarial study the mortality experience in each year since 1900 has been summarized in age-adjusted central death rates in order to control for changes in the age distribution of the population. Table 1 shows these historical rates. An examination of the age-adjusted death rates reveals several distinct periods of mortality reduction since 1900. During the period 1900-1936, annual mortality reduction averaged about 0.8 percent for males and 0.9 percent for females. Following this was a period of rapid reduction, 1936-1954, averaging 1.6 percent per year for males and 2.5 percent per year for females. The period 1954-1968 saw a much slower reduction of 0.8 percent per year for females and an actual increase of 0.2 percent per year for males. From 1968 through 1982 rapid reduction in mortality resumed, averaging 1.8 percent for males and 2.1 percent for females, annually. From 1982 through 1988, mortality rates decreased an average of 0.4 percent per year for males and roughly stabilized for females. Provisional statistics for 1989 indicate a substantial reduction in mortality from the 1988 rates.

**Table 1. -- Age-Adjusted Central Death Rates by Sex and Calendar Year**  
(Per hundred thousand)

Calendar Year	Male	Female
1900	2,415.5	2,198.7
1901	2,379.5	2,133.0
1902	2,240.4	1,971.0
1903	2,293.4	2,041.5
1904	2,420.7	2,140.7
1905	2,336.4	2,072.4
1906	2,335.3	2,036.1
1907	2,423.4	2,101.7
1908	2,213.1	1,953.1
1909	2,164.5	1,902.9
1910	2,250.0	1,975.7
1911	2,167.2	1,915.4
1912	2,141.4	1,870.7
1913	2,148.9	1,864.6
1914	2,090.8	1,824.1
1915	2,097.4	1,847.4
1916	2,174.3	1,901.3
1917	2,195.8	1,901.4
1918	2,507.8	2,175.3
1919	1,946.8	1,784.1
1920	1,997.0	1,866.0
1921	1,817.2	1,681.6
1922	1,908.1	1,740.8
1923	1,990.4	1,811.6
1924	1,917.7	1,703.8
1925	1,941.9	1,726.2
1926	2,012.1	1,788.0
1927	1,882.7	1,644.6
1928	2,006.0	1,751.6
1929	1,977.8	1,712.7
1930	1,866.1	1,592.7
1931	1,825.1	1,541.9
1932	1,807.4	1,546.7

**Table 1. -- Age-Adjusted Central Death Rates  
(continued) by Sex and Calendar Year**  
(Per hundred thousand)

Calendar Year	Male	Female
1933	1,781.2	1,495.9
1934	1,829.0	1,514.3
1935	1,800.8	1,482.9
1936	1,897.8	1,555.4
1937	1,832.8	1,482.7
1938	1,709.0	1,398.3
1939	1,707.9	1,391.6
1940	1,728.8	1,378.4
1941	1,672.4	1,307.0
1942	1,621.7	1,255.7
1943	1,681.0	1,302.8
1944	1,611.8	1,236.7
1945	1,586.6	1,189.8
1946	1,519.3	1,158.6
1947	1,524.8	1,141.9
1948	1,504.1	1,108.5
1949	1,466.9	1,070.8
1950	1,455.4	1,046.7
1951	1,447.2	1,032.9
1952	1,424.3	1,010.3
1953	1,421.3	995.4
1954	1,353.2	940.8
1955	1,371.1	947.8
1956	1,378.6	942.2
1957	1,405.2	956.2
1958	1,393.4	943.4
1959	1,374.6	920.5
1960	1,396.5	921.6
1961	1,365.0	896.2
1962	1,392.5	909.1
1963	1,425.2	916.3
1964	1,386.9	885.7
1965	1,399.4	879.3
1966	1,408.9	877.9
1967	1,381.5	849.8
1968	1,421.3	854.4
1969	1,385.5	825.2
1970	1,359.5	803.6
1971	1,349.5	796.7
1972	1,352.4	788.7
1973	1,334.7	774.7
1974	1,279.7	743.2
1975	1,237.5	709.1
1976	1,223.3	702.0
1977	1,194.8	679.9
1978	1,185.8	677.0
1979	1,151.1	653.4
1980	1,165.1	668.1
1981	1,132.0	650.2
1982	1,096.4	632.3
1983	1,105.0	640.1
1984	1,093.4	637.0
1985	1,096.4	638.0
1986	1,084.1	633.8
1987	1,069.3	629.2
1988	1,082.2	635.2
1989	1,051.8	620.6

Note: The age-adjusted central death rate is the weighted average of the age-specific central death rates for a particular sex and year. The weights used for this table are the number of people in the corresponding age groups of the 1980 U.S. census population.

Past reduction in mortality has varied greatly by cause of death. Because it is expected that future reduction in mortality rates will also vary greatly by cause of death, projections are made on a cause specific basis. Toward this end, death rates for the years 1968 through 1988 were calculated and analyzed by age group and sex for the following ten groups of causes of death, based on the Ninth Revision of the International List of Diseases and Causes of Death code numbers:

- I. -- Diseases of the Heart (390-398, 402, 404-429)
- II. -- Malignant Neoplasms (140-208)
- III. -- Vascular Diseases (400-401, 403, 430-459, 582-583, 587)
- IV. -- Accidents, Suicide, and Homicide (E800-E989)
- V. -- Diseases of the Respiratory System (460-519)
- VI. -- Congenital Malformations and Diseases of Early Infancy (740-779)
- VII. -- Diseases of the Digestive System (520-570, 572-579)
- VIII. -- Diabetes Mellitus (250)
- IX. -- Cirrhosis of the Liver (571)
- X. -- All Other Causes excluding the three categories of HTLV-III and LAV infection (AIDS) (042-044)

Average annual reductions were calculated as the complement of the exponential of the slope of the least-squares line through the logarithms of the central death rates, and are given in Table 2. The sharpest reductions were in the category of Congenital Malformations and Diseases of Early Infancy and in the category of Vascular Disease, which averaged about 4.5 percent reduction per year. Averaging 2.0 to 2.3 percent reduction per year were Heart Disease, Cirrhosis of the Liver, Diabetes Mellitus, and Violence. Digestive Disease averaged about 1.3 percent reduction per year. On the other hand, Cancer, Respiratory Disease and the residual group of Other Causes (excluding AIDS) actually averaged an increase of about 0.1 to 1.0 percent per year.

**Table 2. -- Average Annual Percentage Reductions in Central Death Rates During 1968 - 1988  
by Age Group, Sex, and Cause of Death**

Sex and age group	Total*	Cause of death										
		Heart disease	Cancer	Vascular disease	Violence	Respiratory disease	Digestive disease	Diabetes mellitus	Cirrhosis (liver)	Other**		
		I	II	III	IV	V	VI	VII	VIII	IX	X	
<b>Male:</b>												
0	4.31	-3.35	2.99	1.47	5.10	10.91	5.03	6.77	7.70	4.21	-2.40	
1-4	2.93	-1.81	3.83	6.17	2.49	8.16	1.96	1.28	6.32	6.40	2.68	
5-9	3.46	-.44	3.76	7.52	3.27	6.36	3.79	3.81	5.63	7.65	3.31	
10-14	2.51	.09	2.84	7.78	2.27	4.28	2.70	4.76	4.80	3.80	2.49	
15-19	1.76	.07	2.85	7.08	1.40	5.45	2.67	5.66	4.72	6.29	3.23	
20-24	1.62	.43	2.80	6.55	1.34	5.40	2.52	6.09	4.00	5.21	3.58	
25-29	.97	1.07	2.15	5.70	.99	4.03	3.56	5.40	3.59	3.51	2.44	
30-34	.80	2.17	1.58	5.37	1.02	2.77	2.67	4.18	2.59	2.42	1.77	
35-39	1.61	3.32	1.65	5.27	1.57	3.64	2.39	3.44	2.27	2.94	1.89	
40-44	2.30	3.48	1.21	5.18	2.09	4.04	2.69	3.68	1.54	3.55	2.24	
45-49	2.52	3.55	.78	4.89	2.41	3.99	3.39	3.61	1.24	3.59	1.94	
50-54	2.24	3.19	.12	4.77	2.55	3.34	3.40	2.99	1.56	3.08	1.33	
55-59	2.16	3.11	-.09	4.98	2.84	2.72	2.76	3.00	1.61	2.78	1.13	
60-64	2.02	2.94	-.22	4.76	3.05	2.00	1.65	2.70	1.74	2.53	.86	
65-69	1.54	2.40	-.66	4.73	2.59	.86	.69	2.26	1.75	1.60	-1.14	
70-74	1.30	2.11	-.87	4.56	2.04	.01	-.01	1.74	1.87	.39	-1.03	
75-79	1.06	1.84	-1.07	4.33	1.57	-.88	-.63	1.16	1.71	-.89	-1.89	
80-84	.99	1.68	-1.21	4.32	1.62	-1.63	-2.14	.63	1.64	-.34	-2.54	
85-89	.96	1.58	-1.39	4.37	1.75	-2.20	-.29	-.22	1.52	-.04	-2.82	
90-94	.91	1.39	-1.75	4.33	2.01	-2.15	-2.33	-1.06	.22	.32	-2.94	
95 +	1.27	1.37	-1.43	4.77	3.06	-1.31	1.35	-1.09	-.25	7.51	-1.76	
Total	1.49	2.16	-.59	4.51	1.83	.04	4.69	1.67	1.67	2.20	-.74	
<b>Female:</b>												
0	4.08	-2.90	3.30	1.75	4.85	11.21	4.61	6.64	9.40	4.89	-2.11	
1-4	3.13	-2.34	3.65	5.96	2.72	7.86	2.82	.39	3.86	8.44	3.00	
5-9	3.39	.05	3.95	6.03	2.97	6.64	4.73	3.05	5.36	9.95	2.88	
10-14	2.52	.51	2.93	6.09	1.71	5.08	2.67	6.38	6.19	8.28	2.61	
15-19	1.60	1.09	2.40	7.27	.59	5.06	3.22	6.00	5.53	9.35	3.10	
20-24	1.84	.78	2.18	6.84	.80	4.93	2.67	6.74	4.89	6.54	3.15	
25-29	1.91	1.29	1.94	6.36	.89	4.64	2.98	5.89	3.61	3.69	2.85	
30-34	2.44	2.97	1.74	7.10	1.52	4.29	3.19	5.74	3.64	4.09	2.78	
35-39	3.01	3.80	1.62	6.80	2.40	4.69	2.54	5.22	2.56	5.51	3.26	
40-44	2.98	3.45	1.55	5.95	2.70	4.44	2.89	4.64	3.13	5.79	3.05	
45-49	2.53	2.87	1.21	5.34	2.85	3.06	3.77	4.01	2.72	5.42	2.33	
50-54	1.81	2.44	.42	4.80	2.90	1.41	2.60	3.01	1.94	4.17	1.60	
55-59	1.48	2.45	-.08	4.77	2.90	-.07	2.68	2.55	2.46	3.19	.92	
60-64	1.07	2.31	-.84	4.61	2.84	-1.57	1.73	1.76	2.28	1.54	-.03	
65-69	.79	2.06	-1.39	4.43	2.28	-2.95	.97	.98	2.48	-.18	-1.14	
70-74	1.19	2.32	-1.24	4.65	2.33	-3.12	-1.02	.81	2.90	-1.14	-1.71	
75-79	1.58	2.36	-.70	4.78	2.85	-2.40	-1.51	.49	3.05	-1.63	-2.54	
80-84	1.74	2.23	-.44	4.66	3.49	-1.51	-1.83	-.01	2.69	-1.45	-3.22	
85-89	1.58	1.87	-.34	4.32	4.04	-1.25	-2.11	-.77	1.65	-.46	-3.68	
90-94	1.20	1.30	-.80	3.91	4.51	-1.03	-3.16	-1.80	.15	-.22	-3.91	
95 +	.99	.82	-.94	3.72	4.67	-.56	.33	-2.57	-.88	.97	-3.28	
Total	1.56	2.08	-.42	4.54	2.32	-.75	4.34	.92	2.49	2.44	-1.13	

\*Includes AIDS

\*\*Excludes AIDS

Note: The average annual percentage reduction is the complement of the exponential of the slope of the least squares line through the logarithms of the central death rates.

Future reductions in mortality will depend upon such factors as: the development and application of new diagnostic, surgical and life sustaining techniques, the presence of environmental pollutants, improvements in exercise and nutrition, the incidence of violence, the isolation and treatment of causes of disease, the emergence of new forms of disease, improvements in prenatal care, the prevalence of cigarette smoking, the misuse of drugs (including alcohol), the extent to which people assume responsibility for their own health, education regarding health, and changes in our conception of the value of life. After considering how these and other factors might affect mortality, ultimate annual percentage reductions in central death rates by sex, age group, and cause of death were postulated for years after 2016. The broad age groups for which specific rates of reduction were selected are: under age 15, ages 15-64, ages 65-84, and age 85 and older. The postulated ultimate annual percentage reductions are as follows:

Assumed Ultimate Annual Percentage Reductions in Death Rates by Sex, Age Group, and Causes										
Sex and age group	Cause of death									
	I	II	III	IV	V	VI	VII	VIII	IX	X
<b>Male:</b>										
< 15	0.4	0.5	1.5	0.6	0.5	1.5	0.8	0.8	0.5	0.2
15-64	1.3	0.3	1.7	0.3	0.3	1.3	0.6	0.7	0.3	0.2
65-84	1.2	0.2	1.7	0.6	0.2	1.1	0.4	0.6	0.2	0.2
85 +	1.1	0.2	1.7	0.6	0.2	1.1	0.4	0.6	0.2	0.2
<b>Female:</b>										
< 15	0.4	0.5	1.5	0.6	0.5	1.5	0.8	0.8	0.5	0.2
15-64	1.3	0.3	1.7	0.4	0.3	1.3	0.6	0.8	0.4	0.2
65-84	1.2	0.2	1.7	0.8	0.2	1.1	0.4	0.6	0.2	0.2
85 +	1.1	0.2	1.7	0.8	0.2	1.1	0.4	0.6	0.2	0.2

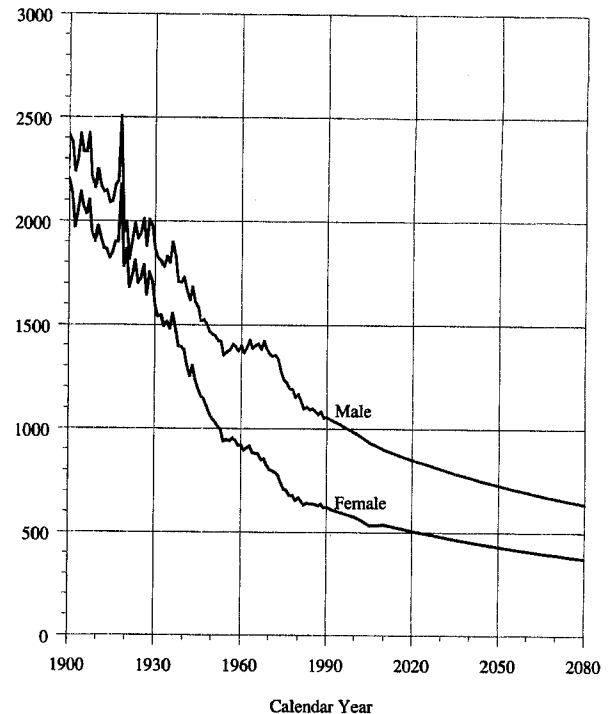
Final mortality data was available for years through 1988. An estimate, using provisional data, was made for 1989, which became the starting year of the projection. However, in order to moderate the year-to-year changes in the projections due to fluctuations in the starting year values, a theoretical value for 1989 was produced by extrapolating from a regression on the last ten years of mortality data. For each sex and age group the reduction in mortality, by cause, from the theoretical 1989 value to 1990 was assumed to be equal to the average annual reduction observed for the period 1968-1988. The average annual reduction for the "All other" category for age 0 was calculated using the period 1974-1986. This was done because the reporting format for data included in the "All other" category for infants was changed in 1974, making the earlier data not comparable.

For years after 1990, the reductions in mortality were assumed to gradually change from an initial rate of 100 percent of the average annual reductions observed for the 1968-1988 period to the postulated ultimate percentage reductions shown above, which were assumed to apply after the year 2016, whenever these initial rates of reduction were positive. However, if the initial rates of reduction for a specific age, sex, and cause group was negative, the initial level was assumed to be 75 percent of the 1968-1988 average annual reduction. Figure 1 shows historic and

projected total male and female age-adjusted death rates per 100,000 population.

Figure 1

Age-Adjusted Central Death Rates by Sex and Calendar Year (Per hundred thousand)



Tables 3a and 3b show historical and projected age-adjusted central death rates by cause of death and sex. An examination of Tables 3a and 3b shows that an additional cause of death -- namely, Acquired Immune Deficiency Syndrome (AIDS) -- is also listed in the table. Because of the nature of AIDS, death rates due to AIDS were projected by a different method. Although much has been learned about AIDS during the last 10 years, many uncertainties exist about the future course of this disease. For historical years, beginning with 1981 through projected years ending with 1992, we have developed central death rates due to AIDS based on the numbers of deaths due to AIDS estimated by the Centers for Disease Control. After 1992, we have assumed that the rate of increase in central death rates due to AIDS will slow down and that there will be no further increase in the central death rates due to AIDS after around the year 2000. The death rates due to AIDS have been assumed to decline rather rapidly thereafter, as a result of changes in behavior, reaching about 1/2 of their peak level around 2015 and then to remain relatively constant to the end of the projection period.



**Table 3a. -- Male Age-Adjusted Central Death Rates (per 100,000) by Cause of Death, 1968 - 2080**

Calendar Year	Total	Cause of death										
		Heart disease	Cancer	Vascular disease	Violence	Respiratory disease	Infancy	Digestive disease	Diabetes mellitus	Cirrhosis (liver)	AIDS	Other
		I	II	III	IV	V	VI	VII	VIII	IX	X	
1968	1421.3	583.8	219.3	202.4	126.2	104.7	33.6	31.4	20.6	20.9	.0	78.3
1969	1385.5	567.9	218.9	192.9	127.5	96.8	32.7	30.2	20.1	21.3	.0	77.1
1970	1359.5	554.3	221.1	187.5	126.0	93.3	31.5	29.0	19.9	22.2	.0	74.7
1971	1349.5	553.6	224.8	185.3	123.6	89.7	28.0	28.1	19.8	22.4	.0	74.4
1972	1352.4	549.3	226.3	185.2	124.6	95.0	26.9	27.3	19.7	22.8	.0	75.2
1973	1334.7	540.8	226.6	178.9	123.6	94.6	25.9	26.7	19.1	23.0	.0	75.4
1974	1279.7	513.8	228.8	169.5	115.4	86.7	25.0	24.7	18.2	22.8	.0	74.8
1975	1237.5	491.8	229.8	156.2	113.3	87.9	22.7	23.6	17.1	21.6	.0	73.5
1976	1223.3	486.1	233.3	149.9	107.8	92.2	21.6	23.0	16.4	21.2	.0	71.7
1977	1194.8	473.5	235.8	142.2	109.2	83.7	20.0	22.0	15.6	20.5	.0	72.3
1978	1185.8	467.9	238.4	134.3	108.7	88.9	18.9	21.3	15.7	19.8	.0	72.0
1979	1151.1	451.0	238.2	122.0	109.0	80.4	18.5	22.8	15.3	19.0	.0	75.0
1980	1165.1	454.1	240.6	119.8	108.6	88.4	17.8	23.5	15.6	19.2	.0	77.6
1981	1132.0	439.7	238.6	111.6	103.7	87.6	16.5	22.8	15.2	18.1	.1	78.1
1982	1096.4	425.5	239.3	104.5	97.1	83.0	16.0	22.1	14.7	16.9	.3	76.9
1983	1105.0	426.6	242.1	102.3	93.2	89.9	15.1	22.4	15.1	16.4	1.2	80.9
1984	1093.4	414.1	243.0	98.5	92.8	91.4	14.9	22.1	15.1	16.2	2.8	82.5
1985	1096.4	408.5	243.2	95.1	92.2	97.7	14.8	22.5	15.2	15.7	5.5	86.0
1986	1084.1	394.3	243.4	91.1	94.9	97.8	14.1	21.9	15.0	15.1	9.4	87.0
1987	1069.3	381.9	243.6	89.4	92.8	95.3	13.9	21.7	15.6	15.1	12.6	87.5
1988	1082.2	381.6	245.6	90.5	93.9	101.0	13.7	21.9	16.1	15.9	16.1	85.8
1989	1051.8	364.5	242.0	84.1	91.3	98.7	13.1	21.1	15.5	15.3	22.0	84.2
1990	1055.0	360.7	246.2	80.0	88.1	101.4	12.5	21.1	15.3	14.4	26.1	89.2
1991	1047.9	353.1	247.3	76.4	86.6	101.7	11.9	20.8	15.1	14.2	31.2	89.8
1992	1040.9	345.6	248.5	72.9	85.0	102.0	11.4	20.5	14.8	13.9	35.8	90.5
1995	1019.3	324.4	252.1	63.5	80.6	102.9	9.9	19.6	14.1	13.1	46.4	92.6
2000	981.0	292.3	258.3	50.8	73.9	105.0	8.0	18.4	13.0	12.0	52.9	96.4
2005	934.0	265.8	263.2	42.5	69.0	106.8	6.8	17.5	12.1	11.3	39.7	99.3
2010	900.1	246.9	263.6	38.1	66.5	106.8	6.2	17.0	11.6	11.0	32.9	99.6
2015	874.0	231.9	261.1	34.8	65.1	105.9	5.7	16.6	11.2	10.9	32.0	98.7
2020	850.1	218.4	258.2	32.0	63.9	104.8	5.3	16.3	10.9	10.7	31.9	97.8
2025	827.4	205.7	255.3	29.4	62.7	103.7	4.9	15.9	10.5	10.6	32.0	96.8
2030	805.8	193.8	252.4	26.9	61.5	102.6	4.6	15.6	10.2	10.5	32.0	95.8
2035	785.2	182.5	249.5	24.7	60.4	101.6	4.3	15.2	9.9	10.3	32.0	94.9
2040	765.6	171.9	246.7	22.7	59.3	100.5	4.0	14.9	9.6	10.2	32.0	93.9
2045	746.8	161.9	243.9	20.8	58.2	99.5	3.7	14.6	9.3	10.1	31.9	93.0
2050	728.9	152.5	241.1	19.1	57.1	98.4	3.4	14.3	9.0	9.9	31.9	92.1
2055	711.8	143.6	238.4	17.6	56.1	97.4	3.2	14.0	8.7	9.8	31.9	91.1
2060	695.5	135.3	235.7	16.1	55.0	96.4	3.0	13.7	8.4	9.7	32.0	90.2
2065	679.9	127.4	233.1	14.8	54.0	95.4	2.8	13.4	8.2	9.6	31.9	89.3
2070	664.9	120.0	230.4	13.6	53.1	94.4	2.6	13.1	7.9	9.5	31.9	88.4
2075	650.6	113.1	227.8	12.5	52.1	93.4	2.4	12.8	7.7	9.3	31.9	87.6
2080	636.9	106.5	225.3	11.4	51.2	92.5	2.2	12.5	7.4	9.2	31.9	86.7

**Table 3b. -- Female Age-Adjusted Central Death Rates (per 100,000) by Cause of Death, 1968 - 2080**

Calendar Year	Total	Cause of death										
		Heart disease	Cancer	Vascular disease	Violence	Respiratory disease	Infancy	Digestive disease	Diabetes mellitus	Cirrhosis (liver)	AIDS	Other
		I	II	III	IV	V	VI	VII	VIII	IX	X	
1968	854.4	331.7	141.9	158.2	46.3	46.3	25.4	20.4	22.3	10.0	.0	51.7
1969	825.2	318.1	140.3	150.2	46.5	42.2	25.1	19.9	21.9	10.0	.0	50.9
1970	803.6	308.4	141.0	144.9	45.6	38.5	24.7	19.0	21.2	10.3	.0	50.0
1971	796.7	308.1	142.1	143.1	45.9	36.4	21.8	18.7	20.9	10.4	.0	49.4
1972	788.7	303.6	141.6	140.9	45.5	38.1	20.9	18.1	20.5	10.2	.0	49.2
1973	774.7	294.7	140.9	138.7	44.7	38.1	20.2	17.4	19.6	10.4	.0	49.9
1974	743.2	280.6	141.5	131.2	40.5	34.4	19.6	16.5	18.9	10.3	.0	49.6
1975	709.1	265.2	141.4	119.8	39.6	34.3	18.2	15.8	17.4	9.5	.0	48.0
1976	702.0	261.8	143.3	114.9	38.3	37.6	17.7	14.9	16.6	9.4	.0	47.5
1977	679.9	253.2	144.0	108.4	38.6	32.3	16.1	14.9	15.4	9.2	.0	47.9
1978	677.0	252.5	145.0	103.2	37.9	36.2	15.3	14.5	15.4	8.8	.0	48.2
1979	653.4	244.7	143.3	93.7	36.6	31.5	15.0	16.4	14.6	8.5	.0	49.0
1980	668.1	250.1	146.0	92.1	36.0	37.0	14.5	16.8	15.1	8.8	.0	51.7
1981	650.2	241.1	145.9	86.4	34.4	37.1	13.8	16.7	14.7	8.3	.0	51.8
1982	632.3	234.4	146.8	80.5	32.3	34.8	13.3	16.2	14.2	7.6	.0	52.1
1983	640.1	236.6	148.4	78.6	31.7	39.4	12.4	15.9	14.9	7.5	.1	54.7
1984	637.0	230.9	150.4	76.0	31.6	41.1	12.5	16.2	14.1	7.4	.2	56.6
1985	638.0	227.6	150.7	73.6	31.3	45.5	11.9	16.3	14.3	7.1	.4	59.2
1986	633.8	223.3	151.4	70.9	31.8	46.4	11.5	16.2	14.2	6.9	.9	60.4
1987	629.2	218.2	151.3	69.4	31.7	46.8	11.3	16.2	14.2	6.6	1.4	61.9
1988	635.2	217.0	152.2	68.3	32.1	50.8	11.3	16.2	14.7	6.6	1.9	64.0
1989	620.6	208.8	151.1	64.1	31.6	50.7	11.1	15.8	14.2	6.4	2.7	64.2
1990	620.9	206.8	153.6	61.3	30.2	52.5	10.3	15.9	13.8	6.2	3.5	66.7
1991	615.0	202.5	154.2	58.5	29.6	53.1	9.9	15.8	13.5	6.1	4.5	67.4
1992	609.5	198.4	154.7	55.9	28.9	53.6	9.5	15.7	13.2	6.0	5.5	68.2
1995	594.6	186.5	156.4	48.6	27.1	55.4	8.3	15.4	12.2	5.7	8.0	70.8
2000	573.5	168.4	159.3	38.9	24.5	58.7	6.8	15.1	10.9	5.4	10.1	75.5
2005	553.9	153.4	161.7	32.6	22.6	61.2	5.8	14.8	9.9	5.2	7.8	78.9
2010	537.0	142.6	161.5	29.2	21.7	61.7	5.3	14.5	9.4	5.1	6.5	79.4
2015	521.5	134.2	159.9	26.7	21.1	61.2	4.9	14.2	9.1	5.1	6.4	78.8
2020	506.7	126.5	158.0	24.5	20.5	60.5	4.5	13.9	8.8	5.0	6.4	78.0
2025	492.7	119.2	156.2	22.5	20.0	59.9	4.2	13.6	8.5	4.9	6.4	77.2
2030	479.3	112.4	154.4	20.6	19.5	59.2	3.9	13.3	8.2	4.9	6.4	76.4
2035	466.6	105.9	152.5	18.9	19.0	58.6	3.7	13.1	8.0	4.8	6.4	75.7
2040	454.5	99.8	150.8	17.4	18.6	58.0	3.4	12.8	7.7	4.7	6.4	74.9
2045	442.9	94.1	149.0	16.0	18.1	57.4	3.2	12.5	7.5	4.7	6.4	74.2
2050	431.9	88.7	147.2	14.6	17.7	56.8	2.9	12.2	7.2	4.6	6.4	73.4
2055	421.3	83.6	145.5	13.4	17.2	56.1	2.7	12.0	7.0	4.5	6.4	72.7
2060	411.2	78.8	143.8	12.3	16.8	55.6	2.5	11.7	6.8	4.5	6.4	72.0
2065	401.6	74.3	142.1	11.3	16.4	55.0	2.4	11.5	6.6	4.4	6.4	71.3
2070	392.4	70.1	140.5	10.4	16.0	54.4	2.2	11.2	6.4	4.3	6.4	70.6
2075	383.6	66.1	138.8	9.5	15.6	53.8	2.0	11.0	6.1	4.3	6.4	69.9
2080	375.1	62.3	137.2	8.8	15.2	53.2	1.9	10.8	6.0	4.2	6.4	69.2

Table 4 compares historical and projected average annual percentage reductions in age-adjusted central death rates during selected periods. Future reductions for those under age 65 are projected to be relatively small compared with past reductions. Reductions for the aged are expected to continue at a relatively rapid pace, as further advances are made against degenerative diseases, such as heart and vascular disease. Age-adjusted death rates are projected to

decrease at an average rate of about 0.59 percent per year during the period 1988-2066. This is about sixty percent of the average rate of improvement observed during 1900-1988 for males but only about forty percent for females. At ages 65 and over, the projected improvement in death rates is greater, relative to historical improvement, than for the total population.

**Table 4. -- Average Annual Reductions in Age-Adjusted Central Death Rates for Selected Periods**

Sex	Age Last Birthday	Absolute								Relative to 1900-1988	
		1900-1936	1936-1954	1954-1968	1968-1982	1982-1988	1900-1988	1988-2016	1988-2066	1988-2016	1988-2066
Male	0-14	2.89	4.74	1.66	4.39	1.91	3.25	2.16	1.21	.66	.37
	15-24	1.83	3.14	-.32	1.52	-.66	1.54	1.23	.65	.80	.42
	25-64	.87	1.69	-.18	2.27	.79	1.09	1.19	.71	1.09	.65
	65 +	.21	1.15	-.32	1.49	.23	.52	.58	.54	1.10	1.03
	Total	.81	1.60	-.19	1.80	.40	.95	.78	.60	.83	.63
Female	0-14	3.11	5.01	1.72	4.19	2.13	3.39	2.18	1.24	.64	.37
	15-24	1.90	6.81	.31	1.88	-.40	2.52	1.00	.61	.40	.24
	25-64	1.07	3.30	.62	2.13	.61	1.59	.89	.61	.56	.38
	65 +	.33	1.84	.79	2.01	-.17	.95	.57	.55	.60	.58
	Total	.95	2.54	.79	2.13	.09	1.38	.69	.58	.50	.42

#### IV. Methods

##### A. Definitions of Life Table Functions

The following are definitions of the standard actuarial functions used in this study to develop mortality rates based on mid-year population and annual death data.

$D_x$  = the number of deaths at age  $x$  last birthday in a population during a year

$P_x$  = the number of persons who are age  $x$  last birthday in a population at midyear

${}_yM_x$  = the central death rate for the subset of a population that is between exact ages  $x$  and  $x+y$

${}_yq_x$  = the probability that a person exact age  $x$  will die within  $y$  years

The following are definitions of standard life table functions. The table refers to a cohort of 100,000 persons born at the same instant who experience the rate of mortality represented by  ${}_1q_x$ , the probability that a person age  $x$  will die within one year, for each age  $x$  throughout their lives. Stationary population refers to the population size and age distribution that would result if the rates of mortality represented by  ${}_1q_x$  were experienced each year, past and future, for persons between exact ages  $x$  and  $x+1$ , and if 100,000 births were to occur uniformly throughout each year.

$l_x$  = the number of persons surviving to exact age  $x$ , or the number of persons reaching exact age  $x$  during each year in the stationary population

$d_x$  = the number of deaths between exact ages  $x$  and  $x+1$ , or the number of deaths at age last birthday  $x$  each year in the stationary population

$L_x$  = the number of person-years lived between exact ages  $x$  and  $x+1$ , or the number of persons alive at age last birthday  $x$  at any time in the stationary population

$T_x$  = the number of person-years lived after exact age  $x$ , or the number of persons alive at age last birthday  $x$  or older at any time in the stationary population

$e_x$  = the average number of years of life remaining at exact age  $x$

${}_y m_x$  = the central death rate for the subset of the stationary population that is between exact ages  $x$  and  $x+y$

${}_y f_x$  = separation factor; the average number of years not lived between exact ages  $x$  and  $x+y$  for those who die between exact ages  $x$  and  $x+y$

The fundamental step in constructing a life table from population data is that of developing probabilities of death,  $q$ , that accurately reflect the underlying pattern of mortality experienced by the population. The following sections describe the methods used in this actuarial study. These methods, as will be seen, vary significantly by age. In general, this process involves the treatment of actual data from a population observed over a short interval of time as if it represented the experience of a stationary population.

The actual data permit the computation of central death rates, which are then converted into probabilities of death. Exceptions to this procedure include direct calculation of probabilities of death at young ages and geometric extrapolation of probabilities of death at extreme old age, where data is sparse or of questionable quality.

## B. Ages 0-4

For the period 1940-1988, the probability of death at age 0 ( ${}_1q_0$ ) was calculated directly from tabulations of births by month and from tabulations of deaths at ages 0, 1-2, 3-6, 7-28 days, 1 month, 2 months, ..., 11 months. For the period 1900-1939, that probability was calculated from the population central death rate at age 0 using the relationship between probabilities of death and central death rate determined by ordinary least squares regression on values for 1940-1988. After 1988, the probability was calculated from the population central death rate for age 0, assuming that the ratio of probability of death to central death rate measured for 1988 would remain constant thereafter.

For the period 1940-1988, probabilities of death at each age 1 through 4 ( ${}_1q_x$ ,  $x=1,2,3,4$ ) were calculated directly from tabulations of births by year and from tabulations of deaths at ages 1, 2, 3, and 4 years. For the period 1900-1939, the probabilities were calculated from the population central death rate for the age group 1-4 using the relationship between probabilities of death and central death rate determined by ordinary least squares regression on values for 1940-1988. After 1988, the probabilities were calculated from the population central death rate for the age group 1-4 assuming that the ratio of probability of death to central death rate measured for 1988 would remain constant thereafter.

Based on a comparison of values from the official 1900-02 and 1909-11 Decennial U. S. Life Tables, we concluded that the regression relationships used to determine probabilities of death from population central death rates during 1900-39 gave reasonable results. The ratios used to determine probabilities of death from population central death rates after 1988 are assumed to give reasonable results because those probabilities are very low and are projected to change relatively little over the projection period. The following are the coefficients of the linear equation ( $y = mx+b$ ) used for estimating probabilities of death as functions of population central death rates.

	y	x	1900 - 1939		1988 and later	
			m	b	m	b
Male	${}_1q_0$	${}_1M_0$	.788214	.004157	.986238	.000000
	${}_1q_1$	${}_4M_1$	1.866636	-.000367	1.474317	.000000
	${}_1q_2$	${}_4M_1$	.946686	.000048	.995975	.000000
	${}_1q_3$	${}_4M_1$	.649013	.000140	.828139	.000000
	${}_1q_4$	${}_4M_1$	.516733	.000137	.644733	.000000
Female	${}_1q_0$	${}_1M_0$	.799002	.003196	.992614	.000000
	${}_1q_1$	${}_4M_1$	1.899636	-.000250	1.574275	.000000
	${}_1q_2$	${}_4M_1$	.926904	.000045	1.026362	.000000
	${}_1q_3$	${}_4M_1$	.670318	.000070	.767284	.000000
	${}_1q_4$	${}_4M_1$	.533706	.000077	.574472	.000000

During the first year of life, mortality starts at an extremely high level, which becomes progressively lower, unlike mortality at other ages which does not change very much within a single year of age. Thus, it is particularly important at age 0 to estimate accurately the pattern of mortality throughout the year of age, as described above, for the calculation of  ${}_1q_0$ . Computation of other life table functions, particularly  $L_x$ ,  $T_x$ , and  $\epsilon_x$  requires an additional factor related to this pattern called the separation factor, which is the average fraction of a year not lived by those who die within the year. For each of the years 1940-1988 the separation factor at age 0 ( ${}_1f_0$ ) was calculated directly from probabilities of death within the exact age intervals 0-1, 1-3, 3-7, and 7-28 days and 1-2, 2-3, ..., 11-12 months. For each of the years 1900-1939 that separation factor was linearly interpolated between the factor for 1940 and the factor calculated from the official 1900-02 Decennial Life Tables. Tests using data from the official 1909-11, 1919-21, and 1929-31 Decennial Life Tables showed that this interpolation gave reasonable results. For years after 1988, the separation factor at age 0 was assumed to remain constant at the 1988 level. Because mortality does not change very much within each of the second through fifth years of life, a separation factor of 1/2 was assumed.

The life table functions  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$ , and  $\epsilon_x$  were calculated as follows:

$$l_0 = 100,000$$

$$d_x = l_x \cdot {}_1q_x \quad x = 1, 2, 3, 4$$

$$l_x = l_{x-1} \cdot (1 - {}_1q_{x-1}) \quad x = 1, 2, 3, 4$$

$$L_0 = l_0 - f_0 \cdot d_0$$

$$L_x = l_x - .5 \cdot d_x \quad x = 1, 2, 3, 4$$

$$T_x = L_x + L_{x+1} + L_{x+2} + \dots + L_{148} \quad x = 0, 1, 2, 3, 4$$

$$\epsilon_x = \frac{T_x}{l_x} \quad x = 1, 2, 3, 4$$

## C. Ages 5-94

One method that has been used to calculate probabilities of death for the life table that are consistent with the underlying pattern of mortality experienced in the population is to require that the life table central death rates for quinquennial age groups,  ${}_5m_x$ , equal the population central death rates,  ${}_5M_x$ . That is  ${}_5m_x = {}_5M_x$  for  $x = 5, 10, 15, \dots, 90$

$$\text{where } {}_5m_x = \frac{d_x + d_{x+1} + d_{x+2} + d_{x+3} + d_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}}$$

$$\text{and } {}_5M_x = \frac{D_x + D_{x+1} + D_{x+2} + D_{x+3} + D_{x+4}}{P_x + P_{x+1} + P_{x+2} + P_{x+3} + P_{x+4}}$$

Unfortunately, these central death rates may tend to be equal when they should differ because the age distribution within the quinquennial age groups in the stationary population implied by the life table generally differs from that in the actual population under study. The degree of consistency can be improved using the relationship,

$$\begin{aligned}
 {}_5m_x &= \frac{d_x + d_{x+1} + d_{x+2} + d_{x+3} + d_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}} \\
 &= \frac{\frac{d_x}{L_x} \cdot L_x + \frac{d_{x+1}}{L_{x+1}} \cdot L_{x+1} + \frac{d_{x+2}}{L_{x+2}} \cdot L_{x+2} + \frac{d_{x+3}}{L_{x+3}} \cdot L_{x+3} + \frac{d_{x+4}}{L_{x+4}} \cdot L_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}} \\
 &= \frac{m_x \cdot L_x + m_{x+1} \cdot L_{x+1} + m_{x+2} \cdot L_{x+2} + m_{x+3} \cdot L_{x+3} + m_{x+4} \cdot L_{x+4}}{L_x + L_{x+1} + L_{x+2} + L_{x+3} + L_{x+4}}
 \end{aligned}$$

The central death rate for an age group is viewed in this equation as a weighted average of the central death rates for the single ages comprising the group. The degree of consistency between the level of mortality in the life table  ${}_5m_x$  and the population  ${}_5M_x$  is improved by eliminating the inconsistency in weighting by population at single year of age. This is accomplished by using the actual population as weights instead of the stationary population and producing  ${}_5\bar{m}_x$ . This means that,

$${}_5\bar{m}_x = \frac{m_x \cdot P_x + m_{x+1} \cdot P_{x+1} + m_{x+2} \cdot P_{x+2} + m_{x+3} \cdot P_{x+3} + m_{x+4} \cdot P_{x+4}}{P_x + P_{x+1} + P_{x+2} + P_{x+3} + P_{x+4}}$$

Because  ${}_5\bar{m}_x$  has essentially the same implied age distribution as  ${}_5M_x$ , a higher degree of consistency in the level of mortality is obtained by requiring  ${}_5\bar{m}_x = {}_5M_x$  for  $x = 5, 10, 15, \dots, 90$ . This requirement, which we use as the basis for constructing our life tables, can be achieved by a rapidly-converging iterative process.

We assumed that, initially, the separation factors for quinquennial age groups were such that deaths occurred on average at the midpoint of the age interval. That is  ${}_5f_x = 2.5$  for  $x = 5, 10, 15, \dots, 90$ .

We proceed to calculate first approximations of probabilities of death within five years at exact quinquennial ages by the following relation:

$${}_5q_x = \frac{5 \cdot {}_5M_x}{1 + {}_5f_x \cdot {}_5M_x} \quad x = 5, 10, 15, \dots, 90$$

Probabilities of death within one year were interpolated from the probability of death within five years based on the relationship  $\ln(1 - {}_5q_x) = \ln(1 - q_x) + \ln(1 - q_{x+1}) + \dots + \ln(1 - q_{x+4})$ .

To accomplish the interpolation we applied a fourth degree osculatory formula developed by H.S. Beers to the natural logs of the complements of  ${}_5q_x$  values, as suggested by the equation above. Coefficients for starting and ending groups are as follows:

	${}_5q_5$	${}_5q_{10}$	${}_5q_{15}$	${}_5q_{20}$	${}_5q_{25}$	
$q_5$	.3333	-.1636	-.0210	.0796	-.0283	$q_{94}$
$q_6$	.2595	-.0780	.0130	.0100	-.0045	$q_{93}$
$q_7$	.1924	.0064	.0184	-.0256	.0084	$q_{92}$
$q_8$	.1329	.0844	.0054	-.0356	.0129	$q_{91}$
$q_9$	.0819	.1508	-.0158	-.0284	.0115	$q_{90}$
$q_{10}$	.0404	.2000	-.0344	-.0128	.0068	$q_{89}$
$q_{11}$	.0093	.2268	-.0402	.0028	.0013	$q_{88}$
$q_{12}$	-.0108	.2272	-.0248	.0112	-.0028	$q_{87}$
$q_{13}$	-.0198	.1992	.0172	.0072	-.0038	$q_{86}$
$q_{14}$	-.0191	.1468	.0822	-.0084	-.0015	$q_{85}$
	${}_5q_{90}$	${}_5q_{85}$	${}_5q_{80}$	${}_5q_{75}$	${}_5q_{70}$	

Coefficients for interior groups are as follows:

	${}_5q_{x-10}$	${}_5q_{x-5}$	${}_5q_x$	${}_5q_{x+5}$	${}_5q_{x+10}$	
$q_x$	-.0117	.0804	.1570	-.0284	.0027	$q_{x+4}$
$q_{x+1}$	-.0020	.0804	.1570	-.0400	.0060	$q_{x+3}$
$q_{x+2}$	.0050	-.0280	.2460	-.0280	.0050	$q_{x+2}$
$q_{x+3}$	.0060	-.0400	.2200	.0160	-.0020	$q_{x+1}$
$q_{x+4}$	.0027	-.0284	.1570	.0804	-.0117	$q_x$
	${}_5q_{x+10}$	${}_5q_{x+5}$	${}_5q_x$	${}_5q_{x-5}$	${}_5q_{x-10}$	

The life table functions  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$ , and  $\hat{e}_x$  were calculated for each age 5-94 by the same relations used for ages 1-4, as shown in section A.

For subsequent iterations, the separation factors were revised based on the  ${}_5q_x$  of the previous iteration as follows:

$${}_5f_x = \frac{5}{{}_5q_x} - \frac{1}{{}_5\bar{m}_x} \quad x = 5, 10, 15, \dots, 90$$

The iteration process was continued until  ${}_5\bar{m}_x$  was acceptably close to  ${}_5M_x$  for  $x = 5, 10, 15, \dots, 90$ .

#### D. Ages 95 and Over

It has been observed that the mortality rates of women, though lower than those of men, tend to increase faster with advancing age than those of men. An analysis of the mortality of Social Security charter Old-Age Insurance beneficiaries has shown that at the very old ages mortality increases about five percent per year of age for men and about six percent per year for women. Probabilities of death at each age 95 and over were calculated as follows for men:

$$q_x = q_{x-1} \cdot \left( \frac{q_{94}}{q_{93}} \cdot \frac{99-x}{5} + 1.05 \cdot \frac{x-94}{5} \right) \quad x = 95, 96, 97, 98, 99$$

$$q_x = 1.05 \cdot q_{x-1} \quad x = 100, 101, 102, \dots$$

For women, the same formulas were used, except that 1.06 was substituted for 1.05. The larger rate of growth in female mortality would eventually, at a very high age, cause female mortality to be higher than male mortality. At the point where this crossover would occur, we set female mortality equal to male mortality. The life table values for  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$  and  $\hat{e}_x$  were calculated at each age 95 through 149 by the

same relations used for ages 1 through 94. The life tables were truncated beyond age 149.

## V. Results

Tables 5 and 6 show values for the functions  $q_x$ ,  $l_x$ ,  $d_x$ ,  $L_x$ ,  $T_x$ , and  $e_x$  by age and sex for selected years. Table 5, the period table (by calendar year), presents values for every tenth year from 1900 through 2080. Table 6, the cohort table (by year of birth), includes 1900, 1910 and every fifth year 1920 through 1990. The methods used to produce the values shown in these tables are described in Section IV of this actuarial study.

For each calendar year, or cohort, death rates are very high in the first year after birth, decline very rapidly to a low point around age 10, and thereafter rise, generally exponentially, before tapering off at the end of the life span. Cohort tables show less rapid increase in the death rate with advancing age than do period tables because cohort tables reflect in succeeding ages the general improvement in health and safety conditions that occur over time. Conversely, period tables show more rapid increase in death rates with increasing age because calendar year experience for each higher age does not reflect the improved mortality of the earlier years.

Table 7 presents a summary comparison of one-year probabilities of death for selected ages, by sex and calendar year. This allows a more detailed year-by-year analysis of the improvement in age specific death rates over time than was presented in table 4. The greatest relative improvement in mortality during this century has occurred at the young ages, resulting largely from the control of infectious diseases. The probability of death at age 0 decreased 93 percent between 1900 and 1990 and a further reduction of about 65 percent is projected between 1990 and 2080 for males and females. At age 30 the decrease was 75 percent for males and 91 percent for females, reflecting the rapid decline in childbearing mortality experience of females. Over the next 90 years decreases of 27 and 32 percent for males and females respectively, are projected.

At ages 60, 65, and 70, the probability of death decreased by about 40 percent for males and by over 60 percent for females between 1900 and 1990. This large sex differential in mortality improvement is attributed partly to genetic factors and partly to environmental factors. If the genetic factors are more important, then the sex gap in mortality can be expected to remain large or even widen. If the environmental factors are more important, then the sex gap can be expected to close somewhat as women become increasingly subject to the same pressures and hazards as men. For example, during the period 1970 through 1980 when great strides were made in degenerative diseases affecting the cardiovascular system, male mortality at age 65 decreased 16 percent while female mortality decreased only 9 percent. Increasing levels of tobacco use and job stress for women are expected to tend to narrow the gap in the future. Death rates

are projected to decrease by about 40 percent for males and 30 percent for females over the next 90 years.

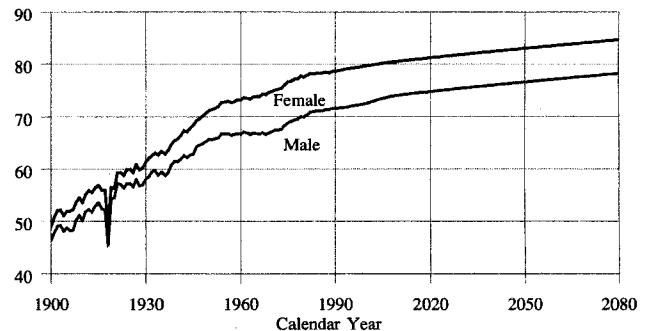
At age 100, death rates decreased by only about 24 percent for males and 32 percent for females so far this century. Between 1990 and 2080 decreases are projected to be somewhat greater at 33 percent for males and 38 percent for females reflecting expected increased future emphasis on those causes of death that most affect the aged.

Table 8 presents a summary comparison of cohort  $q_x$ 's, one-year probabilities of death at selected ages by sex and year of birth. The values in this table are the same as those in Table 7 except that they are organized so that relative levels of death probability at each age can be conveniently compared across cohorts rather than across calendar years of experience.

Table 9 presents life expectancy at selected ages, by sex and calendar year on a period basis. That is, life expectancy at a particular age for a specific year is based on the death rates for that and all higher ages that were, or are projected to be, experienced in that specific year. Life expectancy at age 0 for males increased 25.16 years from 46.41 years in 1900 to 71.57 years in 1990. During the same period, life expectancy at age 0 for females increased 29.69 years from 48.96 years to 78.65 years. Thus the sex gap in life expectancy at birth has increased from 2.55 years in 1900 to 7.08 years in 1990. However, the sex gap has declined from a level of 7.81 years for 1979 and is projected to continue declining toward a stable level of 6.4 years to be reached around 2015.

Figure 2a shows life expectancy at age 0, by sex and calendar year, based on period life tables. Rapid gains in life expectancy at age 0 occurred from 1900 through the mid 1950's for both males and females. From the mid 1950's through the mid 1960's, male life expectancy at age 0 remained level, while female life expectancy at age 0 increased moderately. During the 1970's rapid improvement resumed for both males and females. Life expectancy for males and females in the 80's improved only slightly with males improving more than females.

Figure 2a  
Life Expectancy at Age 0  
by Sex and Calendar Year  
(based on Period Tables)



Based on period life tables, life expectancy at age 65 for males increased from 11.35 years in 1900 to 14.78 years in 1990, while for females the increase was from 12.01 years to 18.81 years. Thus, the sex gap in life expectancy at age 65 has increased from .66 years to 4.03 years between 1900 and 1990. However, this sex gap diminished during the 1980's and is projected to be stable in the future.

Figure 2b shows life expectancy at age 65, by sex and calendar year, based on period life tables. Little increase was experienced from 1900 to 1930. Since then, rapid gains occurred for females until the significant slowdown of the 1980's. Rapid improvement has also occurred for males since the 1930's, but with a stable period during the 1950's and 1960's.

Figure 2b  
Life Expectancy at Age 65  
by Sex and Calendar Year  
(based on Period Tables)

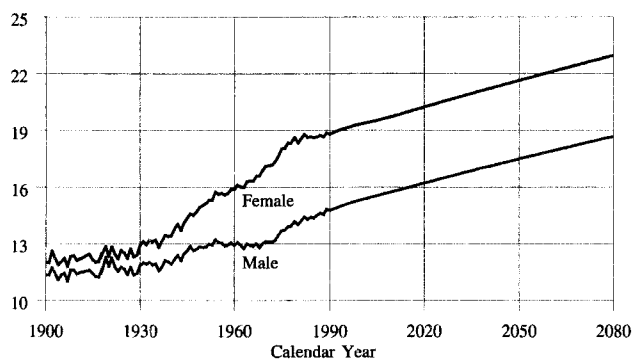


Table 10 shows, on a cohort basis, life expectancies at selected ages, by sex and year of birth. That is, life expectancy at a particular age for a specific year is based on death rates for that age in the specific year and for each higher age in each succeeding year. Life expectancies on a cohort basis tend to fluctuate less from year to year than do period-based life expectancies because of sudden and temporary events, such as a flu epidemic, which may affect the entire population, for a brief period of one or two years, but affect only one or two years of mortality experience for each of the cohorts alive during the period. Therefore, cohort life expectancies are more useful in analyzing subtle and gradual generational trends in mortality.

Based on cohort life tables, life expectancy at age 0 for males increased 24.88 years from 51.52 years for births in 1900 to 76.40 years for births in 1990. During the same period, life expectancy at age 0 for females increased 24.96 years from 58.29 years to 83.25 years. Thus the sex gap in life expectancy at birth in a cohort has increased from 6.77 years for births in 1900 to 6.85 years for births in 1990. However, substantial increases in the sex gap in life expectancy at birth were experienced during this period, reaching eight years for births in 1920, followed by gradual decline to the projected gap for births in 1990.

Figure 3  
Life Expectancy at Age 0  
by Sex and Year of Birth  
(based on Cohort Tables)

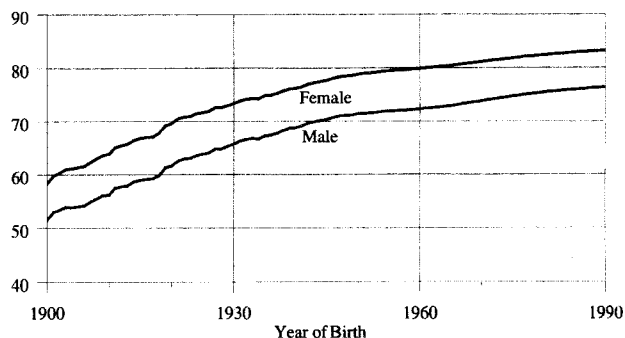


Table 11 presents ratios of female to male values for life expectancies and for one-year probabilities of death, for selected ages and calendar years, based on period life tables. These ratios provide another perspective from which to consider sex differences.

The ratio of female to male life expectancy rose fairly steadily between 1900 and the 1970's at ages 0 through 70. It has declined since then and is expected to continue to decline in the future. This trend reflects the general decline through 1970 in the ratio of female to male death probabilities at the important ages 60 through 70, and the actual and projected increase, thereafter, in this ratio for these ages.

The ratio of female to male life expectancy at age 100 was constant from 1900 through 1955 reflecting the fact that male and female death probabilities are estimated to have been essentially the same at this and higher ages throughout this period. After 1955, however, the ratio of female to male life expectancy at age 100 has increased, and is expected to continue to increase, steadily reflecting the actual and projected, steady decline in the ratio of female to male death probabilities.

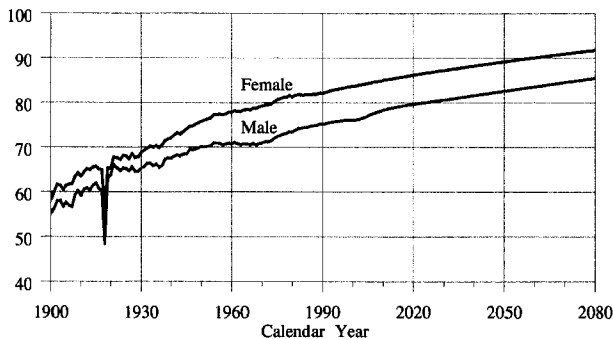
Table 12 presents ratios of female to male values similar to those in table 11, but based on cohort life tables. The ratio of female to male life expectancy declines steadily at ages 0 through 70, for cohorts born after 1905. This again reflects the increase throughout that period in the ratio of female to male death probabilities at the important early-elderly ages. Declines in the ratio of female to male life expectancy at age 100 reflect the past and projected increases in the ratio of female to male death probabilities at very high ages.

Table 13 presents life endurances at selected survival rates, by sex and calendar year on a period basis. Life endurancy is defined as the age at which a specified proportion of births is still alive. For example, the median age to which births survive is referred to as the life endurancy at survival rate .5. Life endurancy at survival rate .5 for males increased 20.04 years (from 55.15 years in 1900 to 75.19 years in 1990).

For females the increase was 23.89 years (from 58.17 years in 1900 to 82.08 years in 1990). Increases in life expectancy between 1990 and 2080 are projected to be 10.27 years for males and 9.88 years for females.

Figure 4a shows life expectancy at survival rate .5, by sex and calendar year, based on period life tables. The shapes of the life expectancy curves at survival rate .5 are similar to the shapes of the life expectancy curves at age 0, except that increases are smaller.

Figure 4a  
Life Endurancy at Survival Rate 0.5  
by Sex and Calendar Year  
(based on Period Tables)



Life expectancy at survival rate .00001 for males increased from 104.77 years in 1900 to 110.66 years in 1990, while for females it increased from 105.38 years to 112.89 years. Life expectancies at this survival rate are projected to continue rising, reaching 123.72 for males and 125.33 for females in 2080. This trend runs counter to the widely held belief that the age attained by the oldest survivors in the population has risen little, if at all, during this century.

Although the life expectancies at low survival rates are heavily dependent upon the method used to finish the life tables, which is based more on judgement than data, we hold that reasonable methods will show similar increases in life expectancy at low survival rates. This assertion is supported by the fact that because mortality at all younger ages has been declining, a stable life expectancy value directly implies that there have been significant increases in mortality at the older ages, for which the data have not been considered reliable. This direct implication is incompatible with our understanding of how mortality trends change through time.

Figure 4b shows life expectancies at survival rate .00001, by sex and calendar year, based on period life tables. Life expectancy at survival rate .00001 increased very little from 1900 through 1930. Between 1930 and 1954, and again between 1963 and 1982, life expectancy at survival rate .00001 increased sharply. Significant declines in life expectancy occurred between 1954 and 1963, and between 1982 and 1988. For the future, life expectancy at rate .00001 is projected to rise steadily at roughly the same rate as occurred in the period between 1930 to 1990.

Figure 4b  
Life Endurancy at Survival Rate 0.00001  
by Sex and Calendar Year  
(based on Period Tables)

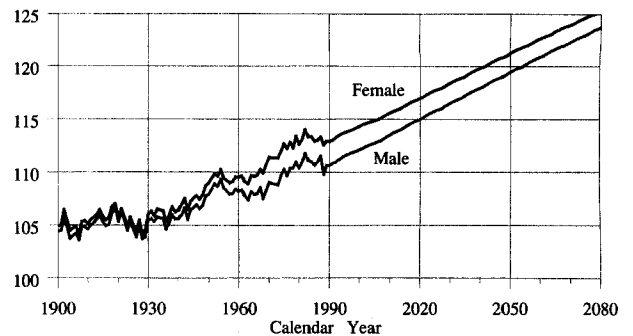
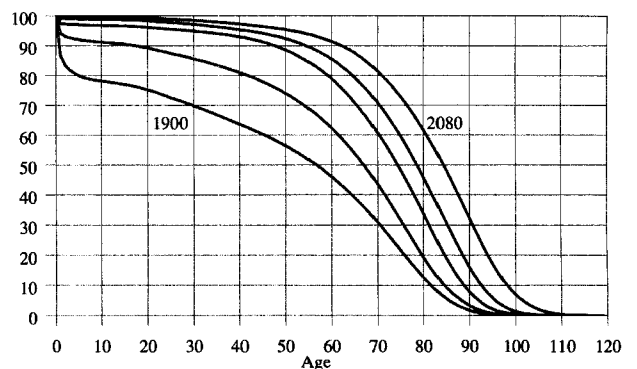


Figure 5 presents the population survival curves based on period life tables for selected calendar years. Great strides have been made in this century toward eliminating the hazards to survival which existed at the young ages in the early 1900's. Very little additional improvement to survival rates is possible or projected at these young ages. Survival rates at the older ages are projected to continue to improve steadily. Projected gains in the probability of surviving to age 90 during the next 90 years are about the same as experienced during the past 90 years. For age 100, projected gains are much greater than for the past. The figure below shows population survival curves based on period life tables for, from left to right, 1900, 1930, 1960, 1990, and projected year 2080.

Figure 5  
Population Survival Curves  
for Selected Calendar Years  
(based on Period Tables)



Although the shape of the survivorship curve has become somewhat more rectangular (less diagonal) through time, it appears that very little additional rectangularization will occur because survival rates are already so high at the young ages and are expected to continue increasing at older ages. The so-called "curve squaring" concept, though appealing to many, simply cannot be supported by the mathematics of mortality. The age at which the survivorship curve comes close to zero, through the compounding of single-year probabilities of survival, has increased greatly this century.



and will continue to increase, as further strides are made against degenerative diseases. That mortality rates are found to continue to decline, at every age for which adequate data is available, demonstrates that the biological life span for humans has not yet been reached.

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1900

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.145954	100000	14595	90027	4640610	46.41	0	.119692	100000	11969	92047	4895688	48.96
1	.038140	85405	3257	83776	4550583	53.28	1	.036174	88031	3184	86439	4803641	54.57
2	.019577	82147	1608	81343	4466807	54.38	2	.017817	84846	1512	84091	4717202	55.60
3	.013528	80539	1090	79994	4385464	54.45	3	.012923	83335	1077	82796	4633112	55.60
4	.010797	79450	858	79021	4305470	54.19	4	.010310	82258	848	81834	4550315	55.32
5	.007940	78592	624	78280	4226449	53.78	5	.007611	81410	620	81100	4468482	54.89
6	.005698	77968	444	77746	4148169	53.20	6	.005501	80790	444	80568	4387382	54.31
7	.004073	77523	316	77366	4070424	52.51	7	.003986	80346	320	80185	4306814	53.60
8	.003046	77208	235	77090	3993059	51.72	8	.003057	80025	245	79903	4226629	52.82
9	.002555	76973	197	76874	3915968	50.87	9	.002648	79781	211	79675	4146725	51.98
10	.002483	76776	191	76681	3839094	50.00	10	.002641	79569	210	79464	4067050	51.11
11	.002669	76585	204	76483	3762414	49.13	11	.002868	79359	228	79245	3987586	50.25
12	.002935	76381	224	76269	3685931	48.26	12	.003138	79132	248	79008	3908341	49.39
13	.003153	76157	240	76037	3609662	47.40	13	.003323	78883	262	78752	3829333	48.54
14	.003355	75917	255	75789	3533625	46.55	14	.003462	78621	272	78485	3750581	47.70
15	.003673	75662	278	75523	3457836	45.70	15	.003704	78349	290	78204	3672096	46.87
16	.004149	75384	313	75228	3382313	44.87	16	.004106	78059	321	77899	3593892	46.04
17	.004677	75071	351	74896	3307086	44.05	17	.004565	77738	355	77561	3515993	45.23
18	.005234	74720	391	74524	3232191	43.26	18	.005064	77383	392	77188	3438432	44.43
19	.005797	74329	431	74114	3157666	42.48	19	.005583	76992	430	76777	3361245	43.66
20	.006421	73898	474	73661	3083553	41.73	20	.006149	76562	471	76326	3284468	42.90
21	.007024	73424	516	73166	3009892	40.99	21	.006700	76091	510	75836	3208141	42.16
22	.007445	72908	543	72636	2936726	40.28	22	.007124	75581	538	75312	3132306	41.44
23	.007616	72365	551	72089	2864089	39.58	23	.007368	75043	553	74766	3056993	40.74
24	.007606	71814	546	71541	2792000	38.88	24	.007478	74490	557	74211	2982227	40.04
25	.007526	71268	536	71000	2720459	38.17	25	.007541	73933	558	73654	2908016	39.33
26	.007497	70731	530	70466	2649460	37.46	26	.007627	73375	560	73095	2834362	38.63
27	.007555	70201	530	69936	2578994	36.74	27	.007737	72816	563	72534	2761267	37.92
28	.007755	69671	540	69401	2509057	36.01	28	.007896	72252	571	71967	2688732	37.21
29	.008058	69130	557	68852	2439657	35.29	29	.008091	71682	580	71392	2616766	36.51
30	.008382	68573	575	68286	2370805	34.57	30	.008286	71102	589	70807	2545374	35.80
31	.008670	67999	590	67704	2302519	33.86	31	.008457	70513	596	70214	2474566	35.09
32	.008939	67409	603	67108	2234815	33.15	32	.008613	69916	602	69615	2404352	34.39
33	.009171	66806	613	66500	2167708	32.45	33	.008746	69314	606	69011	2334737	33.68
34	.009380	66194	621	65883	2101208	31.74	34	.008865	68708	609	68403	2265726	32.98
35	.009602	65573	630	65258	2035324	31.04	35	.008992	68099	612	67793	2197322	32.27
36	.009845	64943	639	64624	1970066	30.34	36	.009134	67486	616	67178	2129530	31.55
37	.010077	64304	648	63980	1905443	29.63	37	.009277	66870	620	66560	2062351	30.84
38	.010294	63656	655	63328	1841463	28.93	38	.009425	66250	624	65937	1995791	30.13
39	.010510	63001	662	62670	1778134	28.22	39	.009584	65625	629	65311	1929854	29.41
40	.010743	62338	670	62004	1715465	27.52	40	.009769	64996	635	64679	1864543	28.69
41	.011015	61669	679	61329	1653461	26.81	41	.009989	64361	643	64040	1799864	27.96
42	.011337	60989	691	60644	1592132	26.11	42	.010246	63718	653	63392	1735824	27.24
43	.011722	60298	707	59945	1531489	25.40	43	.010544	63066	665	62733	1672432	26.52
44	.012169	59591	725	59229	1471544	24.69	44	.010891	62401	680	62061	1609699	25.80
45	.012677	58866	746	58493	1412315	23.99	45	.011281	61721	696	61373	1547638	25.07
46	.013235	58120	769	57735	1353822	23.29	46	.011730	61025	716	60667	1486266	24.36
47	.013832	57351	793	56954	1296087	22.60	47	.012267	60309	740	59939	1425599	23.64
48	.014463	56557	818	56148	1239133	21.91	48	.012904	59569	769	59185	1365660	22.93
49	.015146	55739	844	55317	1182985	21.22	49	.013634	58800	802	58400	1306475	22.22
50	.015891	54895	872	54459	1127667	20.54	50	.014448	57999	838	57580	1248075	21.52
51	.016733	54023	904	53571	1073208	19.87	51	.015324	57161	876	56723	1190495	20.83
52	.017708	53119	941	52649	1019638	19.20	52	.016242	56285	914	55828	1133773	20.14
53	.018841	52178	983	51687	966989	18.53	53	.017192	55371	952	54895	1077945	19.47
54	.020114	51195	1030	50680	915302	17.88	54	.018192	54419	990	53924	1023050	18.80
55	.021544	50165	1081	49625	864622	17.24	55	.019298	53429	1031	52913	969126	18.14
56	.023065	49085	1132	48519	814997	16.60	56	.020517	52398	1075	51860	916213	17.49
57	.024593	47952	1179	47363	766479	15.98	57	.021808	51323	1119	50763	864353	16.84
58	.026088	46773	1220	46163	719116	15.37	58	.023166	50203	1163	49622	813590	16.21
59	.027619	45553	1258	44924	672953	14.77	59	.024623	49040	1208	48437	763968	15.58

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1900

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.029303	44295	1298	43646	628029	14.18	60	.026266	47833	1256	47205	715531	14.96
61	.031229	42997	1343	42325	584383	13.59	61	.028099	46577	1309	45922	668327	14.35
62	.033395	41654	1391	40959	542058	13.01	62	.030064	45268	1361	44587	622405	13.75
63	.035842	40263	1443	39542	501099	12.45	63	.032155	43907	1412	43201	577817	13.16
64	.038578	38820	1498	38071	461557	11.89	64	.034434	42495	1463	41763	534616	12.58
65	.041585	37322	1552	36546	423486	11.35	65	.036909	41032	1514	40275	492853	12.01
66	.044879	35770	1605	34968	386940	10.82	66	.039712	39517	1569	38733	452578	11.45
67	.048518	34165	1658	33336	351972	10.30	67	.043011	37948	1632	37132	413846	10.91
68	.052526	32507	1707	31654	318636	9.80	68	.046894	36316	1703	35464	376714	10.37
69	.056907	30800	1753	29924	286983	9.32	69	.051285	34613	1775	33725	341250	9.86
70	.061824	29047	1796	28149	257059	8.85	70	.056273	32838	1848	31914	307524	9.36
71	.067135	27251	1830	26337	228910	8.40	71	.061555	30990	1908	30036	275611	8.89
72	.072536	25422	1844	24500	202573	7.97	72	.066713	29082	1940	28112	245575	8.44
73	.077928	23578	1837	22659	178073	7.55	73	.071565	27142	1942	26171	217462	8.01
74	.083538	21740	1816	20832	155414	7.15	74	.076428	25200	1926	24237	191292	7.59
75	.089449	19924	1782	19033	134582	6.75	75	.081417	23274	1895	22326	167055	7.18
76	.096175	18142	1745	17270	115549	6.37	76	.087270	21379	1866	20446	144729	6.77
77	.104262	16397	1710	15542	98279	5.99	77	.094754	19513	1849	18589	124283	6.37
78	.113999	14688	1674	13850	82737	5.63	78	.104279	17664	1842	16743	105694	5.98
79	.125036	13013	1627	12200	68886	5.29	79	.115321	15822	1825	14910	88951	5.62
80	.136918	11386	1559	10607	56686	4.98	80	.127634	13998	1787	13104	74041	5.29
81	.149057	9827	1465	9095	46080	4.69	81	.140008	12211	1710	11356	60937	4.99
82	.161177	8362	1348	7688	36985	4.42	82	.151288	10501	1589	9707	49581	4.72
83	.173026	7015	1214	6408	29296	4.18	83	.160864	8913	1434	8196	39874	4.47
84	.184854	5801	1072	5265	22889	3.95	84	.169619	7479	1269	6845	31678	4.24
85	.197065	4729	932	4263	17624	3.73	85	.178891	6210	1111	5655	24833	4.00
86	.209978	3797	797	3398	13361	3.52	86	.189783	5099	968	4615	19179	3.76
87	.223759	2999	671	2664	9963	3.32	87	.202938	4132	838	3712	14563	3.52
88	.238409	2328	555	2051	7299	3.14	88	.218495	3293	720	2933	10851	3.29
89	.253788	1773	450	1548	5249	2.96	89	.236146	2574	608	2270	7917	3.08
90	.269715	1323	357	1145	3700	2.80	90	.255451	1966	502	1715	5648	2.87
91	.285995	966	276	828	2556	2.64	91	.275907	1464	404	1262	3933	2.69
92	.302435	690	209	586	1728	2.50	92	.297025	1060	315	902	2671	2.52
93	.318868	481	153	405	1142	2.37	93	.318380	745	237	626	1769	2.37
94	.335138	328	110	273	737	2.25	94	.335138	508	170	423	1142	2.25
95	.352169	218	77	180	465	2.13	95	.352169	338	119	278	720	2.13
96	.369994	141	52	115	285	2.02	96	.369994	219	81	178	441	2.02
97	.388646	89	35	72	170	1.91	97	.388646	138	54	111	263	1.91
98	.408158	54	22	43	98	1.81	98	.408158	84	34	67	152	1.81
99	.428565	32	14	25	55	1.71	99	.428565	50	21	39	85	1.71
100	.449994	18	8	14	30	1.61	100	.449994	28	13	22	46	1.61
101	.472493	10	5	8	15	1.52	101	.472493	16	7	12	24	1.52
102	.496118	5	3	4	8	1.43	102	.496118	8	4	6	12	1.43
103	.520924	3	1	2	4	1.34	103	.520924	4	2	3	6	1.34
104	.546970	1	1	1	2	1.26	104	.546970	2	1	1	3	1.26
105	.574318	1	0	0	1	1.19	105	.574318	1	1	1	1	1.19
106	.603034	0	0	0	0	1.11	106	.603034	0	0	0	0	1.11
107	.633186	0	0	0	0	1.04	107	.633186	0	0	0	0	1.04
108	.664845	0	0	0	0	.97	108	.664845	0	0	0	0	.97
109	.698087	0	0	0	0	.91	109	.698087	0	0	0	0	.91
110	.732992	0	0	0	0	.84	110	.732992	0	0	0	0	.84
111	.769641	0	0	0	0	.78	111	.769641	0	0	0	0	.78
112	.808123	0	0	0	0	.72	112	.808123	0	0	0	0	.72
113	.848530	0	0	0	0	.67	113	.848530	0	0	0	0	.67
114	.890956	0	0	0	0	.62	114	.890956	0	0	0	0	.62
115	.935504	0	0	0	0	.57	115	.935504	0	0	0	0	.57
116	.982279	0	0	0	0	.52	116	.982279	0	0	0	0	.52
117	1.000000	0	0	0	0	.50	117	1.000000	0	0	0	0	.50
118	1.000000	0	0	0	0	.00	118	1.000000	0	0	0	0	.00
119	1.000000	0	0	0	0	.00	119	1.000000	0	0	0	0	.00

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1910

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.120058	100000	12006	91343	5007926	50.08	0	.098258	100000	9826	93083	5358149	53.58
1	.027287	87994	2401	86794	4916583	55.87	1	.025543	90174	2303	89023	5265066	58.39
2	.014073	85593	1205	84991	4829790	56.43	2	.012631	87871	1110	87316	5176044	58.91
3	.009755	84389	823	83977	4744798	56.23	3	.009172	86761	796	86363	5088728	58.65
4	.007792	83565	651	83240	4660821	55.77	4	.007324	85965	630	85650	5002365	58.19
5	.005810	82914	482	82673	4577581	55.21	5	.005438	85336	464	85104	4916715	57.62
6	.004259	82432	351	82257	4494908	54.53	6	.003968	84872	337	84703	4831611	56.93
7	.003142	82081	258	81952	4412651	53.76	7	.002920	84535	247	84411	4746908	56.15
8	.002447	81823	200	81723	4330698	52.93	8	.002284	84288	193	84192	4662496	55.32
9	.002129	81623	174	81536	4248975	52.06	9	.002014	84095	169	84011	4578305	54.44
10	.002106	81449	172	81364	4167439	51.17	10	.002027	83926	170	83841	4494294	53.55
11	.002263	81278	184	81186	4086075	50.27	11	.002204	83756	185	83664	4410454	52.66
12	.002475	81094	201	80994	4004889	49.39	12	.002409	83571	201	83471	4326790	51.77
13	.002652	80893	215	80786	3923895	48.51	13	.002552	83370	213	83264	4243320	50.90
14	.002817	80679	227	80565	3843109	47.63	14	.002661	83157	221	83047	4160056	50.03
15	.003061	80452	246	80328	3762544	46.77	15	.002842	82936	236	82818	4077009	49.16
16	.003420	80205	274	80068	3682215	45.91	16	.003136	82700	259	82571	3994191	48.30
17	.003827	79931	306	79778	3602147	45.07	17	.003463	82441	285	82298	3911621	47.45
18	.004271	79625	340	79455	3522369	44.24	18	.003813	82155	313	81999	3829323	46.61
19	.004731	79285	375	79097	3442914	43.42	19	.004173	81842	342	81671	3747324	45.79
20	.005243	78910	414	78703	3363817	42.63	20	.004566	81501	372	81315	3665653	44.98
21	.005735	78496	450	78271	3285114	41.85	21	.004953	81129	402	80928	3584338	44.18
22	.006085	78046	475	77809	3206843	41.09	22	.005253	80727	424	80515	3503411	43.40
23	.006236	77571	484	77329	3129034	40.34	23	.005433	80303	436	80084	3422896	42.62
24	.006246	77087	481	76847	3051705	39.59	24	.005524	79866	441	79646	3342811	41.86
25	.006203	76606	475	76368	2974858	38.83	25	.005582	79425	443	79203	3263165	41.08
26	.006207	76131	473	75894	2898490	38.07	26	.005660	78982	447	78758	3183962	40.31
27	.006290	75658	476	75420	2822596	37.31	27	.005770	78535	453	78308	3105204	39.54
28	.006499	75182	489	74938	2747175	36.54	28	.005933	78082	463	77850	3026896	38.77
29	.006801	74694	508	74440	2672238	35.78	29	.006134	77618	476	77380	2949045	37.99
30	.007133	74186	529	73921	2597798	35.02	30	.006350	77142	490	76897	2871665	37.23
31	.007442	73656	548	73382	2523877	34.27	31	.006548	76652	502	76401	2794768	36.46
32	.007729	73108	565	72826	2450494	33.52	32	.006712	76150	511	75895	2718367	35.70
33	.007978	72543	579	72254	2377668	32.78	33	.006829	75639	517	75381	2642472	34.94
34	.008205	71965	590	71669	2305414	32.04	34	.006918	75123	520	74863	2567090	34.17
35	.008438	71374	602	71073	2233745	31.30	35	.007000	74603	522	74342	2492227	33.41
36	.008706	70772	616	70464	2162672	30.56	36	.007111	74081	527	73818	2417886	32.64
37	.009016	70156	633	69839	2092209	29.82	37	.007276	73554	535	73287	2344068	31.87
38	.009380	69523	652	69197	2022369	29.09	38	.007516	73019	549	72745	2270782	31.10
39	.009790	68871	674	68534	1953172	28.36	39	.007813	72470	566	72187	2198037	30.33
40	.010227	68197	697	67848	1884638	27.64	40	.008155	71904	586	71611	2125850	29.57
41	.010677	67499	721	67139	1816790	26.92	41	.008504	71318	606	71014	2054239	28.80
42	.011146	66779	744	66406	1749651	26.20	42	.008829	70711	624	70399	1983225	28.05
43	.011629	66034	768	65650	1683245	25.49	43	.009113	70087	639	69767	1912826	27.29
44	.012129	65266	792	64871	1617595	24.78	44	.009381	69448	651	69122	1843059	26.54
45	.012701	64475	819	64065	1552724	24.08	45	.009681	68797	666	68464	1773937	25.79
46	.013310	63656	847	63232	1488659	23.39	46	.010049	68131	685	67788	1705473	25.03
47	.013864	62809	871	62373	1425426	22.69	47	.010490	67446	708	67092	1637685	24.28
48	.014333	61938	888	61494	1363053	22.01	48	.011021	66738	736	66371	1570593	23.53
49	.014777	61050	902	60599	1301559	21.32	49	.011640	66003	768	65619	1504222	22.79
50	.015238	60148	917	59690	1240960	20.63	50	.012331	65235	804	64832	1438603	22.05
51	.015843	59231	938	58762	1181270	19.94	51	.013096	64430	844	64008	1373771	21.32
52	.016707	58293	974	57806	1122508	19.26	52	.013957	63586	887	63143	1309763	20.60
53	.017907	57319	1026	56806	1064702	18.57	53	.014922	62699	936	62231	1246620	19.88
54	.019378	56293	1091	55747	1007896	17.90	54	.015990	61763	988	61270	1184389	19.18
55	.021031	55202	1161	54621	952149	17.25	55	.017200	60776	1045	60253	1123120	18.48
56	.022744	54041	1229	53426	897528	16.61	56	.018516	59730	1106	59177	1062866	17.79
57	.024463	52812	1292	52166	844101	15.98	57	.019867	58624	1165	58042	1003689	17.12
58	.026132	51520	1346	50847	791935	15.37	58	.021229	57460	1220	56850	945647	16.46
59	.027814	50174	1396	49476	741089	14.77	59	.022656	56240	1274	55603	888797	15.80

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1910

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.029678	48778	1448	48054	691613	14.18	60	.024240	54966	1332	54300	833194	15.16
61	.031765	47330	1503	46579	643559	13.60	61	.026053	53633	1397	52935	778895	14.52
62	.033970	45827	1557	45049	596980	13.03	62	.028104	52236	1468	51502	725960	13.90
63	.036291	44270	1607	43467	551931	12.47	63	.030431	50768	1545	49996	674458	13.29
64	.038792	42664	1655	41836	508465	11.92	64	.033040	49223	1626	48410	624463	12.69
65	.041512	41009	1702	40157	466629	11.38	65	.035914	47597	1709	46742	576053	12.10
66	.044568	39306	1752	38430	426471	10.85	66	.039064	45887	1793	44991	529311	11.53
67	.048082	37554	1806	36652	388041	10.33	67	.042535	44095	1876	43157	484319	10.98
68	.052134	35749	1864	34817	351389	9.83	68	.046348	42219	1957	41241	441162	10.45
69	.056677	33885	1921	32925	316572	9.34	69	.050508	40262	2034	39246	399921	9.93
70	.061734	31965	1973	30978	283648	8.87	70	.055126	38229	2107	37175	360676	9.43
71	.067139	29991	2014	28984	252670	8.42	71	.060114	36122	2171	35036	323501	8.96
72	.072694	27978	2034	26961	223685	8.00	72	.065274	33950	2216	32842	288465	8.50
73	.078311	25944	2032	24928	196725	7.58	73	.070546	31734	2239	30615	255623	8.06
74	.084162	23912	2012	22906	171797	7.18	74	.076080	29495	2244	28373	225008	7.63
75	.090268	21900	1977	20911	148891	6.80	75	.081887	27251	2232	26136	196635	7.22
76	.097058	19923	1934	18956	127979	6.42	76	.088342	25020	2210	23915	170499	6.81
77	.105021	17989	1889	17045	109023	6.06	77	.095886	22809	2187	21716	146585	6.43
78	.114400	16100	1842	15179	91979	5.71	78	.104739	20622	2160	19542	124869	6.06
79	.124864	14258	1780	13368	76800	5.39	79	.114617	18462	2116	17404	105326	5.70
80	.136271	12478	1700	11628	63432	5.08	80	.125637	16346	2054	15319	87922	5.38
81	.147852	10777	1593	9981	51804	4.81	81	.136938	14293	1957	13314	72602	5.08
82	.158849	9184	1459	8455	41824	4.55	82	.147445	12335	1819	11426	59288	4.81
83	.168867	7725	1305	7073	33369	4.32	83	.156682	10517	1648	9693	47862	4.55
84	.178469	6421	1146	5848	26296	4.10	84	.165434	8869	1467	8135	38170	4.30
85	.188505	5275	994	4778	20449	3.88	85	.174868	7402	1294	6754	30034	4.06
86	.199675	4280	855	3853	15671	3.66	86	.185952	6107	1136	5539	23280	3.81
87	.212384	3426	728	3062	11818	3.45	87	.199261	4972	991	4476	17740	3.57
88	.226715	2698	612	2392	8756	3.25	88	.214938	3981	856	3553	13264	3.33
89	.242472	2086	506	1833	6364	3.05	89	.232745	3125	727	2762	9711	3.11
90	.259375	1581	410	1376	4530	2.87	90	.252322	2398	605	2095	6949	2.90
91	.277102	1171	324	1008	3155	2.70	91	.273253	1793	490	1548	4854	2.71
92	.295338	846	250	721	2147	2.54	92	.295126	1303	385	1111	3306	2.54
93	.313806	596	187	503	1425	2.39	93	.313806	918	288	774	2195	2.39
94	.332253	409	136	341	923	2.25	94	.332253	630	209	526	1421	2.25
95	.351201	273	96	225	581	2.13	95	.351201	421	148	347	895	2.13
96	.370612	177	66	144	356	2.01	96	.370612	273	101	222	549	2.01
97	.390445	112	44	90	212	1.90	97	.390445	172	67	138	326	1.90
98	.410653	68	28	54	122	1.79	98	.410653	105	43	83	188	1.79
99	.431186	40	17	31	68	1.69	99	.431186	62	27	48	105	1.69
100	.452745	23	10	18	36	1.60	100	.452745	35	16	27	56	1.60
101	.475382	12	6	10	19	1.51	101	.475382	19	9	15	29	1.51
102	.499151	7	3	5	9	1.42	102	.499151	10	5	8	14	1.42
103	.524109	3	2	2	4	1.33	103	.524109	5	3	4	7	1.33
104	.550314	2	1	1	2	1.25	104	.550314	2	1	2	3	1.25
105	.577830	1	0	0	1	1.18	105	.577830	1	1	1	1	1.18
106	.606721	0	0	0	0	1.10	106	.606721	0	0	0	1	1.10
107	.637057	0	0	0	0	1.03	107	.637057	0	0	0	0	1.03
108	.668910	0	0	0	0	.96	108	.668910	0	0	0	0	.96
109	.702356	0	0	0	0	.90	109	.702356	0	0	0	0	.90
110	.737473	0	0	0	0	.83	110	.737473	0	0	0	0	.83
111	.774347	0	0	0	0	.77	111	.774347	0	0	0	0	.77
112	.813064	0	0	0	0	.72	112	.813064	0	0	0	0	.72
113	.853717	0	0	0	0	.66	113	.853717	0	0	0	0	.66
114	.896403	0	0	0	0	.61	114	.896403	0	0	0	0	.61
115	.941223	0	0	0	0	.56	115	.941223	0	0	0	0	.56
116	.988284	0	0	0	0	.51	116	.988284	0	0	0	0	.51
117	1.000000	0	0	0	0	.50	117	1.000000	0	0	0	0	.50
118	1.000000	0	0	0	0	.00	118	1.000000	0	0	0	0	.00
119	1.000000	0	0	0	0	.00	119	1.000000	0	0	0	0	.00

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1920

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.085934	100000	8593	93479	5450842	54.51	0	.067732	100000	6773	94964	5626921	56.27
1	.018848	91407	1723	90545	5357363	58.61	1	.017736	93227	1653	92400	5531957	59.34
2	.009793	89684	878	89245	5266818	58.73	2	.008821	91573	808	91169	5439558	59.40
3	.006821	88805	606	88503	5177574	58.30	3	.006417	90766	582	90474	5348388	58.93
4	.005456	88200	481	87959	5089071	57.70	4	.005130	90183	463	89952	5257913	58.30
5	.004378	87719	384	87527	5001112	57.01	5	.004039	89720	362	89539	5167961	57.60
6	.003539	87335	309	87180	4913585	56.26	6	.003184	89358	285	89216	5078422	56.83
7	.002918	87025	254	86898	4826405	55.46	7	.002555	89074	228	88960	4989206	56.01
8	.002494	86771	216	86663	4739507	54.62	8	.002136	88846	190	88751	4900246	55.15
9	.002248	86555	195	86458	4652844	53.76	9	.001908	88656	169	88572	4811495	54.27
10	.002158	86361	186	86267	4566385	52.88	10	.001844	88487	163	88405	4722924	53.37
11	.002203	86174	190	86079	4480118	51.99	11	.001912	88324	169	88239	4634518	52.47
12	.002362	85984	203	85883	4394039	51.10	12	.002079	88155	183	88063	4546278	51.57
13	.002614	85781	224	85669	4308156	50.22	13	.002316	87972	204	87870	4458215	50.68
14	.002938	85557	251	85431	4222487	49.35	14	.002615	87768	230	87653	4370345	49.79
15	.003339	85306	285	85163	4137055	48.50	15	.002978	87538	261	87408	4282692	48.92
16	.003776	85021	321	84860	4051892	47.66	16	.003399	87278	297	87129	4195284	48.07
17	.004180	84700	354	84523	3967032	46.84	17	.003857	86981	335	86813	4108155	47.23
18	.004512	84346	381	84155	3882509	46.03	18	.004338	86646	376	86458	4021341	46.41
19	.004784	83965	402	83764	3798354	45.24	19	.004825	86270	416	86062	3934883	45.61
20	.005073	83563	424	83351	3714590	44.45	20	.005348	85854	459	85624	3848822	44.83
21	.005367	83140	446	82916	3631238	43.68	21	.005850	85394	500	85145	3763197	44.07
22	.005575	82693	461	82463	3548322	42.91	22	.006228	84895	529	84630	3678053	43.32
23	.005670	82232	466	81999	3465859	42.15	23	.006434	84366	543	84095	3593422	42.59
24	.005688	81766	465	81533	3383859	41.38	24	.006512	83823	546	83550	3509328	41.87
25	.005660	81301	460	81071	3302326	40.62	25	.006534	83277	544	83005	3425778	41.14
26	.005661	80841	458	80612	3221255	39.85	26	.006578	82733	544	82461	3342772	40.40
27	.005747	80383	462	80152	3140643	39.07	27	.006668	82189	548	81915	3260311	39.67
28	.005960	79921	476	79683	3060491	38.29	28	.006839	81641	558	81362	3178396	38.93
29	.006261	79445	497	79196	2980808	37.52	29	.007065	81083	573	80796	3097034	38.20
30	.006595	78947	521	78687	2901612	36.75	30	.007300	80510	588	80216	3016238	37.46
31	.006893	78427	541	78156	2822925	35.99	31	.007494	79922	599	79623	2936022	36.74
32	.007135	77886	556	77608	2744768	35.24	32	.007631	79323	605	79021	2856399	36.01
33	.007290	77330	564	77049	2667160	34.49	33	.007689	78718	605	78415	2777379	35.28
34	.007385	76767	567	76483	2590111	33.74	34	.007692	78113	601	77812	2698964	34.55
35	.007479	76200	570	75915	2513628	32.99	35	.007691	77512	596	77214	2621151	33.82
36	.007602	75630	575	75342	2437714	32.23	36	.007712	76916	593	76619	2543938	33.07
37	.007732	75055	580	74765	2362371	31.48	37	.007736	76322	590	76027	2467319	32.33
38	.007878	74475	587	74181	2287606	30.72	38	.007770	75732	588	75438	2391291	31.58
39	.008044	73888	594	73591	2213425	29.96	39	.007824	75144	588	74850	2315853	30.82
40	.008231	73294	603	72992	2139834	29.20	40	.007893	74556	588	74261	2241004	30.06
41	.008449	72690	614	72383	2066842	28.43	41	.007999	73967	592	73671	2166742	29.29
42	.008715	72076	628	71762	1994459	27.67	42	.008179	73376	600	73075	2093071	28.53
43	.009039	71448	646	71125	1922697	26.91	43	.008449	72775	615	72468	2019995	27.76
44	.009421	70802	667	70469	1851572	26.15	44	.008800	72161	635	71843	1947527	26.99
45	.009862	70135	692	69789	1781103	25.40	45	.009215	71525	659	71196	1875684	26.22
46	.010355	69443	719	69084	1711314	24.64	46	.009671	70866	685	70524	1804488	25.46
47	.010891	68724	748	68350	1642230	23.90	47	.010164	70181	713	69824	1733965	24.71
48	.011469	67976	780	67586	1573880	23.15	48	.010686	69468	742	69097	1664140	23.96
49	.012102	67196	813	66790	1506294	22.42	49	.011251	68725	773	68339	1595044	23.21
50	.012791	66383	849	65959	1439504	21.68	50	.011879	67952	807	67549	1526705	22.47
51	.013570	65534	889	65089	1373546	20.96	51	.012589	67145	845	66722	1459156	21.73
52	.014478	64645	936	64177	1308456	20.24	52	.013382	66300	887	65856	1392434	21.00
53	.015536	63709	990	63214	1244279	19.53	53	.014269	65412	933	64946	1326578	20.28
54	.016726	62719	1049	62194	1181066	18.83	54	.015248	64479	983	63987	1261632	19.57
55	.018090	61670	1116	61112	1118871	18.14	55	.016368	63496	1039	62976	1197645	18.86
56	.019536	60554	1183	59963	1057759	17.47	56	.017586	62457	1098	61907	1134668	18.17
57	.020923	59371	1242	58750	997796	16.81	57	.018815	61358	1154	60781	1072761	17.48
58	.022191	58129	1290	57484	939046	16.15	58	.020024	60204	1206	59601	1011980	16.81
59	.023443	56839	1332	56173	881562	15.51	59	.021281	58998	1256	58370	952379	16.14

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1920

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.024811	55507	1377	54818	825389	14.87	60	.022675	57743	1309	57088	894008	15.48
61	.026466	54130	1433	53413	770571	14.24	61	.024311	56433	1372	55747	836920	14.83
62	.028496	52697	1502	51946	717157	13.61	62	.026244	55061	1445	54339	781173	14.19
63	.030988	51195	1586	50402	665211	12.99	63	.028529	53616	1530	52852	726834	13.56
64	.033900	49609	1682	48768	614809	12.39	64	.031151	52087	1623	51276	673982	12.94
65	.037141	47927	1780	47037	566041	11.81	65	.034083	50464	1720	49604	622707	12.34
66	.040629	46147	1875	45210	519004	11.25	66	.037270	48744	1817	47836	573103	11.76
67	.044368	44272	1964	43290	473795	10.70	67	.040691	46928	1910	45973	525267	11.19
68	.048335	42308	2045	41285	430505	10.18	68	.044328	45018	1996	44020	479294	10.65
69	.052577	40263	2117	39204	389219	9.67	69	.048236	43022	2075	41985	435274	10.12
70	.057275	38146	2185	37054	350015	9.18	70	.052549	40947	2152	39871	393289	9.60
71	.062406	35961	2244	34839	312961	8.70	71	.057296	38796	2223	37684	353417	9.11
72	.067790	33717	2286	32574	278122	8.25	72	.062399	36573	2282	35432	315733	8.63
73	.073392	31431	2307	30278	245548	7.81	73	.067863	34291	2327	33127	280302	8.17
74	.079342	29125	2311	27969	215270	7.39	74	.073756	31964	2358	30785	247175	7.73
75	.085576	26814	2295	25666	187301	6.99	75	.079972	29606	2368	28422	216390	7.31
76	.092459	24519	2267	23386	161634	6.59	76	.086748	27238	2363	26057	187968	6.90
77	.100489	22252	2236	21134	138249	6.21	77	.094468	24875	2350	23701	161911	6.51
78	.109890	20016	2200	18916	117115	5.85	78	.103289	22526	2327	21362	138210	6.14
79	.120347	17816	2144	16744	98198	5.51	79	.112978	20199	2282	19058	116848	5.78
80	.131686	15672	2064	14640	81454	5.20	80	.123739	17917	2217	16808	97790	5.46
81	.143212	13608	1949	12634	66814	4.91	81	.134788	15700	2116	14642	80982	5.16
82	.154280	11660	1799	10760	54180	4.65	82	.145046	13584	1970	12599	66340	4.88
83	.164536	9861	1622	9050	43419	4.40	83	.154062	11613	1789	10719	53741	4.63
84	.174457	8238	1437	7520	34370	4.17	84	.162592	9824	1597	9026	43022	4.38
85	.184768	6801	1257	6173	26850	3.95	85	.171763	8227	1413	7520	33997	4.13
86	.196066	5544	1087	5001	20678	3.73	86	.182513	6814	1244	6192	26476	3.89
87	.208689	4457	930	3992	15677	3.52	87	.195398	5570	1088	5026	20284	3.64
88	.222704	3527	786	3134	11684	3.31	88	.210567	4482	944	4010	15258	3.40
89	.237933	2742	652	2415	8550	3.12	89	.227796	3538	806	3135	11248	3.18
90	.254128	2089	531	1824	6134	2.94	90	.246748	2732	674	2395	8113	2.97
91	.271009	1558	422	1347	4311	2.77	91	.267031	2058	550	1783	5718	2.78
92	.288299	1136	328	972	2963	2.61	92	.288250	1508	435	1291	3935	2.61
93	.305753	809	247	685	1991	2.46	93	.305753	1074	328	909	2644	2.46
94	.323149	561	181	471	1306	2.33	94	.323149	745	241	625	1735	2.33
95	.341089	380	130	315	836	2.20	95	.341089	505	172	418	1110	2.20
96	.359555	250	90	205	521	2.08	96	.359555	332	120	273	691	2.08
97	.378524	160	61	130	315	1.97	97	.378524	213	81	173	419	1.97
98	.397972	100	40	80	185	1.86	98	.397972	132	53	106	246	1.86
99	.417871	60	25	47	105	1.76	99	.417871	80	33	63	140	1.76
100	.438765	35	15	27	58	1.66	100	.438765	46	20	36	77	1.66
101	.460703	20	9	15	31	1.57	101	.460703	26	12	20	41	1.57
102	.483738	11	5	8	16	1.47	102	.483738	14	7	11	21	1.47
103	.507925	5	3	4	8	1.39	103	.507925	7	4	5	10	1.39
104	.533321	3	1	2	4	1.31	104	.533321	4	2	3	5	1.31
105	.559987	1	1	1	2	1.23	105	.559987	2	1	1	2	1.23
106	.587986	1	0	0	1	1.15	106	.587986	1	0	1	1	1.15
107	.617386	0	0	0	0	1.08	107	.617386	0	0	0	0	1.08
108	.648255	0	0	0	0	1.01	108	.648255	0	0	0	0	1.01
109	.680668	0	0	0	0	.94	109	.680668	0	0	0	0	.94
110	.714701	0	0	0	0	.87	110	.714701	0	0	0	0	.87
111	.750436	0	0	0	0	.81	111	.750436	0	0	0	0	.81
112	.787958	0	0	0	0	.75	112	.787958	0	0	0	0	.75
113	.827356	0	0	0	0	.70	113	.827356	0	0	0	0	.70
114	.868723	0	0	0	0	.64	114	.868723	0	0	0	0	.64
115	.912160	0	0	0	0	.59	115	.912160	0	0	0	0	.59
116	.957767	0	0	0	0	.54	116	.957767	0	0	0	0	.54
117	1.000000	0	0	0	0	.50	117	1.000000	0	0	0	0	.50
118	1.000000	0	0	0	0	.00	118	1.000000	0	0	0	0	.00
119	1.000000	0	0	0	0	.00	119	1.000000	0	0	0	0	.00

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1930

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.064952	100000	6495	94826	5795647	57.96	0	.051786	100000	5179	95945	6131454	61.31
1	.010900	93505	1019	92995	5700821	60.97	1	.009704	94821	920	94361	6035508	63.65
2	.005762	92486	533	92219	5607826	60.63	2	.004902	93901	460	93671	5941147	63.27
3	.004057	91953	373	91766	5515607	59.98	3	.003582	93441	335	93274	5847476	62.58
4	.003256	91580	298	91431	5423841	59.23	4	.002874	93106	268	92972	5754202	61.80
5	.002736	91281	250	91157	5332410	58.42	5	.002343	92839	218	92730	5661230	60.98
6	.002327	91032	212	90926	5241254	57.58	6	.001928	92621	179	92532	5568500	60.12
7	.002012	90820	183	90729	5150328	56.71	7	.001614	92443	149	92368	5475968	59.24
8	.001777	90637	161	90557	5059600	55.82	8	.001386	92293	128	92229	5383600	58.33
9	.001617	90476	146	90403	4969043	54.92	9	.001235	92165	114	92109	5291371	57.41
10	.001531	90330	138	90261	4878640	54.01	10	.001161	92052	107	91998	5199262	56.48
11	.001526	90192	138	90123	4788379	53.09	11	.001171	91945	108	91891	5107264	55.55
12	.001612	90054	145	89981	4698257	52.17	12	.001272	91837	117	91779	5015373	54.61
13	.001790	89909	161	89828	4608276	51.26	13	.001467	91720	135	91653	4923595	53.68
14	.002038	89748	183	89656	4518447	50.35	14	.001731	91586	159	91506	4831942	52.76
15	.002335	89565	209	89460	4428791	49.45	15	.002047	91427	187	91334	4740435	51.85
16	.002647	89356	237	89237	4339330	48.56	16	.002376	91240	217	91132	4649102	50.95
17	.002951	89119	263	88988	4250093	47.69	17	.002685	91023	244	90901	4557970	50.07
18	.003226	88856	287	88713	4161105	46.83	18	.002949	90779	268	90645	4467069	49.21
19	.003475	88570	308	88416	4072392	45.98	19	.003176	90511	287	90367	4376424	48.35
20	.003737	88262	330	88097	3983976	45.14	20	.003407	90224	307	90070	4286056	47.50
21	.003997	87932	351	87756	3895880	44.31	21	.003640	89916	327	89753	4195987	46.67
22	.004194	87580	367	87397	3808124	43.48	22	.003825	89589	343	89418	4106234	45.83
23	.004307	87213	376	87025	3720727	42.66	23	.003949	89246	352	89070	4016816	45.01
24	.004358	86838	378	86648	3633701	41.84	24	.004026	88894	358	88715	3927746	44.18
25	.004389	86459	379	86269	3547053	41.03	25	.004088	88536	362	88355	3839031	43.36
26	.004436	86080	382	85889	3460784	40.20	26	.004153	88174	366	87991	3750676	42.54
27	.004506	85698	386	85505	3374895	39.38	27	.004217	87808	370	87623	3662685	41.71
28	.004614	85312	394	85115	3289390	38.56	28	.004287	87438	375	87250	3575063	40.89
29	.004754	84918	404	84716	3204276	37.73	29	.004365	87063	380	86873	3487812	40.06
30	.004911	84514	415	84307	3119559	36.91	30	.004445	86683	385	86490	3400939	39.23
31	.005073	84099	427	83886	3035252	36.09	31	.004531	86297	391	86102	3314449	38.41
32	.005245	83673	439	83453	2951366	35.27	32	.004634	85906	398	85707	3228347	37.58
33	.005426	83234	452	83008	2867913	34.46	33	.004758	85508	407	85305	3142640	36.75
34	.005621	82782	465	82549	2784905	33.64	34	.004904	85101	417	84893	3057336	35.93
35	.005835	82317	480	82077	2702356	32.83	35	.005067	84684	429	84470	2972443	35.10
36	.006082	81837	498	81588	2620279	32.02	36	.005248	84255	442	84034	2887973	34.28
37	.006380	81339	519	81079	2538691	31.21	37	.005455	83813	457	83584	2803939	33.45
38	.006740	80820	545	80547	2457612	30.41	38	.005691	83356	474	83118	2720355	32.64
39	.007154	80275	574	79988	2377064	29.61	39	.005956	82881	494	82634	2637237	31.82
40	.007617	79701	607	79397	2297077	28.82	40	.006253	82388	515	82130	2554602	31.01
41	.008105	79094	641	78773	2217679	28.04	41	.006576	81872	538	81603	2472472	30.20
42	.008601	78453	675	78115	2138906	27.26	42	.006916	81334	563	81053	2390869	29.40
43	.009091	77778	707	77424	2060791	26.50	43	.007268	80772	587	80478	2309816	28.60
44	.009594	77071	739	76701	1983366	25.73	44	.007643	80184	613	79878	2229338	27.80
45	.010130	76331	773	75945	1906665	24.98	45	.008053	79572	641	79251	2149460	27.01
46	.010731	75558	811	75153	1830720	24.23	46	.008511	78931	672	78595	2070209	26.23
47	.011409	74747	853	74321	1755568	23.49	47	.009018	78259	706	77906	1991614	25.45
48	.012181	73895	900	73445	1681247	22.75	48	.009578	77553	743	77182	1913707	24.68
49	.013037	72994	952	72519	1607802	22.03	49	.010195	76811	783	76419	1836526	23.91
50	.013984	72043	1007	71539	1535284	21.31	50	.010883	76027	827	75614	1760107	23.15
51	.014990	71035	1065	70503	1463745	20.61	51	.011632	75200	875	74763	1684493	22.40
52	.016011	69971	1120	69410	1393242	19.91	52	.012421	74325	923	73864	1609730	21.66
53	.017030	68850	1173	68264	1323831	19.23	53	.013243	73402	972	72916	1535867	20.92
54	.018081	67678	1224	67066	1255567	18.55	54	.014119	72430	1023	71919	1462950	20.20
55	.019217	66454	1277	65816	1188501	17.88	55	.015082	71407	1077	70869	1391032	19.48
56	.020494	65177	1336	64509	1122686	17.23	56	.016162	70330	1137	69762	1320163	18.77
57	.021935	63841	1400	63141	1058177	16.58	57	.017366	69194	1202	68593	1250401	18.07
58	.023568	62441	1472	61705	995036	15.94	58	.018713	67992	1272	67356	1181808	17.38
59	.025386	60969	1548	60195	933330	15.31	59	.020203	66720	1348	66046	1114452	16.70



Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1930

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.027395	59422	1628	58608	873135	14.69	60	.021874	65372	1430	64657	1048406	16.04
61	.029558	57794	1708	56940	814527	14.09	61	.023695	63942	1515	63184	983749	15.39
62	.031830	56085	1785	55193	757588	13.51	62	.025608	62427	1599	61627	920565	14.75
63	.034194	54300	1857	53372	702395	12.94	63	.027594	60828	1678	59989	858937	14.12
64	.036701	52444	1925	51481	649023	12.38	64	.029711	59150	1757	58271	798948	13.51
65	.039454	50519	1993	49522	597542	11.83	65	.032053	57392	1840	56472	740677	12.91
66	.042498	48526	2062	47494	548020	11.29	66	.034688	55553	1927	54589	684205	12.32
67	.045799	46463	2128	45399	500525	10.77	67	.037621	53626	2017	52617	629615	11.74
68	.049375	44335	2189	43241	455126	10.27	68	.040885	51608	2110	50553	576999	11.18
69	.053263	42146	2245	41024	411885	9.77	69	.044499	49498	2203	48397	526445	10.64
70	.057515	39901	2295	38754	370861	9.29	70	.048483	47296	2293	46149	478048	10.11
71	.062170	37607	2338	36438	332107	8.83	71	.052842	45003	2378	43814	431899	9.60
72	.067243	35269	2372	34083	295670	8.38	72	.057582	42625	2454	41397	388086	9.10
73	.072761	32897	2394	31700	261587	7.95	73	.062715	40170	2519	38911	346688	8.63
74	.078750	30503	2402	29302	229887	7.54	74	.068275	37651	2571	36366	307778	8.17
75	.085086	28101	2391	26906	200584	7.14	75	.074160	35080	2602	33779	271412	7.74
76	.091908	25710	2363	24529	173679	6.76	76	.080522	32479	2615	31171	237633	7.32
77	.099493	23347	2323	22186	149150	6.39	77	.087641	29863	2617	28555	206462	6.91
78	.107944	21024	2269	19890	126964	6.04	78	.095626	27246	2605	25943	177907	6.53
79	.117095	18755	2196	17657	107074	5.71	79	.104306	24641	2570	23356	151963	6.17
80	.127168	16559	2106	15506	89418	5.40	80	.114110	22071	2518	20811	128608	5.83
81	.137555	14453	1988	13459	73912	5.11	81	.124244	19552	2429	18337	107796	5.51
82	.147361	12465	1837	11547	60453	4.85	82	.133419	17123	2285	15981	89459	5.22
83	.156222	10628	1660	9798	48906	4.60	83	.141142	14838	2094	13791	73478	4.95
84	.164757	8968	1478	8229	39108	4.36	84	.148300	12744	1890	11799	59687	4.68
85	.173880	7490	1302	6839	30879	4.12	85	.156214	10854	1696	10006	47888	4.41
86	.184355	6188	1141	5617	24040	3.89	86	.165989	9159	1520	8398	37882	4.14
87	.196639	5047	992	4551	18423	3.65	87	.178301	7638	1362	6957	29483	3.86
88	.210855	4055	855	3627	13872	3.42	88	.193349	6276	1214	5670	22526	3.59
89	.226831	3200	726	2837	10245	3.20	89	.210901	5063	1068	4529	16856	3.33
90	.244302	2474	604	2172	7408	2.99	90	.230585	3995	921	3534	12327	3.09
91	.262955	1870	492	1624	5236	2.80	91	.251960	3074	774	2687	8793	2.86
92	.282474	1378	389	1183	3612	2.62	92	.274578	2299	631	1984	6106	2.66
93	.302580	989	299	839	2429	2.46	93	.298043	1668	497	1419	4123	2.47
94	.323015	690	223	578	1590	2.31	94	.321989	1171	377	982	2703	2.31
95	.343697	467	160	387	1012	2.17	95	.343697	794	273	657	1721	2.17
96	.364498	306	112	251	625	2.04	96	.364498	521	190	426	1063	2.04
97	.385280	195	75	157	375	1.92	97	.385280	331	128	267	637	1.92
98	.405895	120	49	95	217	1.82	98	.405895	204	83	162	370	1.82
99	.426190	71	30	56	122	1.72	99	.426190	121	52	95	208	1.72
100	.447499	41	18	32	66	1.62	100	.447499	69	31	54	112	1.62
101	.469874	23	11	17	34	1.53	101	.469874	38	18	29	59	1.53
102	.493368	12	6	9	17	1.44	102	.493368	20	10	15	29	1.44
103	.518036	6	3	4	8	1.35	103	.518036	10	5	8	14	1.35
104	.543938	3	2	2	4	1.27	104	.543938	5	3	4	6	1.27
105	.571135	1	1	1	2	1.19	105	.571135	2	1	2	3	1.19
106	.599692	1	0	0	1	1.12	106	.599692	1	1	1	1	1.12
107	.629676	0	0	0	0	1.05	107	.629676	0	0	0	0	1.05
108	.661160	0	0	0	0	.98	108	.661160	0	0	0	0	.98
109	.694218	0	0	0	0	.91	109	.694218	0	0	0	0	.91
110	.728929	0	0	0	0	.85	110	.728929	0	0	0	0	.85
111	.765375	0	0	0	0	.79	111	.765375	0	0	0	0	.79
112	.803644	0	0	0	0	.73	112	.803644	0	0	0	0	.73
113	.843826	0	0	0	0	.68	113	.843826	0	0	0	0	.68
114	.886018	0	0	0	0	.62	114	.886018	0	0	0	0	.62
115	.930318	0	0	0	0	.57	115	.930318	0	0	0	0	.57
116	.976834	0	0	0	0	.52	116	.976834	0	0	0	0	.52
117	1.000000	0	0	0	0	.50	117	1.000000	0	0	0	0	.50
118	1.000000	0	0	0	0	.50	118	1.000000	0	0	0	0	.50
119	1.000000	0	0	0	0	.50	119	1.000000	0	0	0	0	.50

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1940

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.052860	100000	5286	95590	6143272	61.43	0	.041627	100000	4163	96576	6573631	65.74
1	.005785	94714	548	94440	6047682	63.85	1	.005001	95837	479	95598	6477055	67.58
2	.003007	94166	283	94024	5953242	63.22	2	.002570	95358	245	95235	6381457	66.92
3	.002003	93883	188	93789	5859217	62.41	3	.001769	95113	168	95029	6286222	66.09
4	.001669	93695	156	93617	5765428	61.53	4	.001434	94945	136	94877	6191193	65.21
5	.001473	93538	138	93470	5671812	60.64	5	.001208	94809	115	94751	6096317	64.30
6	.001320	93401	123	93339	5578342	59.72	6	.001036	94694	98	94645	6001565	63.38
7	.001203	93277	112	93221	5485004	58.80	7	.000907	94596	86	94553	5906920	62.44
8	.001114	93165	104	93113	5391782	57.87	8	.000814	94510	77	94472	5812367	61.50
9	.001051	93061	98	93013	5298668	56.94	9	.000755	94433	71	94398	5717896	60.55
10	.001019	92964	95	92916	5205656	56.00	10	.000730	94362	69	94327	5623498	59.60
11	.001027	92869	95	92821	5112739	55.05	11	.000744	94293	70	94258	5529171	58.64
12	.001085	92774	101	92723	5019919	54.11	12	.000804	94223	76	94185	5434913	57.68
13	.001198	92673	111	92617	4927195	53.17	13	.000912	94147	86	94104	5340727	56.73
14	.001355	92562	125	92499	4834578	52.23	14	.001056	94061	99	94012	5246624	55.78
15	.001535	92436	142	92365	4742079	51.30	15	.001227	93962	115	93904	5152612	54.84
16	.001722	92295	159	92215	4649713	50.38	16	.001401	93847	131	93781	5058707	53.90
17	.001910	92136	176	92048	4557499	49.47	17	.001561	93715	146	93642	4964926	52.98
18	.002089	91960	192	91864	4465451	48.56	18	.001690	93569	158	93490	4871284	52.06
19	.002260	91768	207	91664	4373588	47.66	19	.001796	93411	168	93327	4777794	51.15
20	.002442	91560	224	91448	4281924	46.77	20	.001905	93243	178	93154	4684468	50.24
21	.002621	91337	239	91217	4190475	45.88	21	.002020	93065	188	92971	4591314	49.33
22	.002760	91097	251	90971	4099259	45.00	22	.002118	92877	197	92779	4498342	48.43
23	.002843	90846	258	90717	4008287	44.12	23	.002194	92681	203	92579	4405563	47.53
24	.002887	90587	262	90457	3917571	43.25	24	.002256	92477	209	92373	4312984	46.64
25	.002921	90326	264	90194	3827114	42.37	25	.002313	92269	213	92162	4220611	45.74
26	.002970	90062	267	89928	3736920	41.49	26	.002377	92055	219	91946	4128449	44.85
27	.003038	89795	273	89658	3646991	40.61	27	.002452	91836	225	91724	4036503	43.95
28	.003135	89522	281	89381	3557333	39.74	28	.002544	91611	233	91495	3944780	43.06
29	.003257	89241	291	89096	3467952	38.86	29	.002651	91378	242	91257	3853285	42.17
30	.003397	88950	302	88799	3378856	37.99	30	.002769	91136	252	91010	3762028	41.28
31	.003546	88648	314	88491	3290056	37.11	31	.002893	90884	263	90752	3671018	40.39
32	.003707	88334	327	88170	3201565	36.24	32	.003022	90621	274	90484	3580266	39.51
33	.003878	88007	341	87836	3113395	35.38	33	.003156	90347	285	90204	3489782	38.63
34	.004066	87665	356	87487	3025559	34.51	34	.003299	90062	297	89913	3399578	37.75
35	.004276	87309	373	87122	2938072	33.65	35	.003453	89765	310	89610	3309665	36.87
36	.004521	86935	393	86739	2850950	32.79	36	.003627	89455	324	89292	3220055	36.00
37	.004807	86542	416	86334	2764211	31.94	37	.003825	89130	341	88960	3130763	35.13
38	.005142	86126	443	85905	2677876	31.09	38	.004054	88789	360	88609	3041803	34.26
39	.005523	85684	473	85447	2591971	30.25	39	.004310	88429	381	88239	2953194	33.40
40	.005951	85210	507	84957	2506524	29.42	40	.004596	88048	405	87846	2864955	32.54
41	.006418	84703	544	84431	2421568	28.59	41	.004902	87643	430	87429	2777109	31.69
42	.006915	84160	582	83869	2337136	27.77	42	.005215	87214	455	86986	2689681	30.84
43	.007436	83578	621	83267	2253267	26.96	43	.005529	86759	480	86519	2602694	30.00
44	.007994	82956	663	82625	2170000	26.16	44	.005856	86279	505	86027	2516175	29.16
45	.008599	82293	708	81939	2087376	25.37	45	.006208	85774	532	85508	2430148	28.33
46	.009269	81585	756	81207	2005436	24.58	46	.006607	85242	563	84960	2344641	27.51
47	.010022	80829	810	80424	1924229	23.81	47	.007062	84678	598	84379	2259680	26.69
48	.010867	80019	870	79584	1843805	23.04	48	.007585	84080	638	83762	2175301	25.87
49	.011799	79150	934	78683	1764221	22.29	49	.008171	83443	682	83102	2091540	25.07
50	.012809	78216	1002	77715	1685538	21.55	50	.008822	82761	730	82396	2008438	24.27
51	.013881	77214	1072	76678	1607823	20.82	51	.009520	82031	781	81640	1926042	23.48
52	.015011	76142	1143	75570	1531145	20.11	52	.010241	81250	832	80834	1844402	22.70
53	.016191	74999	1214	74392	1455575	19.41	53	.010976	80418	883	79976	1763568	21.93
54	.017433	73785	1286	73142	1381183	18.72	54	.011747	79535	934	79068	1683592	21.17
55	.018782	72498	1362	71818	1308042	18.04	55	.012607	78601	991	78105	1604524	20.41
56	.020231	71137	1439	70417	1236224	17.38	56	.013570	77610	1053	77083	1526418	19.67
57	.021729	69698	1514	68940	1165807	16.73	57	.014604	76557	1118	75998	1449335	18.93
58	.023263	68183	1586	67390	1096866	16.09	58	.015712	75439	1185	74846	1373338	18.20
59	.024871	66597	1656	65769	1029476	15.46	59	.016920	74253	1256	73625	1298492	17.49

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1940

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.026633	64941	1730	64076	963708	14.84	60	.018290	72997	1335	72329	1224867	16.78
61	.028577	63211	1806	62308	899632	14.23	61	.019836	71662	1421	70951	1152537	16.08
62	.030673	61405	1883	60463	837324	13.64	62	.021522	70240	1512	69485	1081586	15.40
63	.032933	59521	1960	58541	776861	13.05	63	.023356	68729	1605	67926	1012101	14.73
64	.035392	57561	2037	56542	718320	12.48	64	.025378	67123	1703	66272	944175	14.07
65	.033116	55524	2116	54466	661777	11.92	65	.027644	65420	1808	64516	877904	13.42
66	.041129	53407	2197	52309	607312	11.37	66	.030207	63612	1922	62651	813388	12.79
67	.044408	51211	2274	50074	555003	10.84	67	.033091	61690	2041	60669	750737	12.17
68	.047966	48937	2347	47763	504929	10.32	68	.036330	59649	2167	58565	690068	11.57
69	.051851	46589	2416	45382	457166	9.81	69	.039938	57482	2296	56334	631503	10.99
70	.056114	44174	2479	42934	411784	9.32	70	.043950	55186	2425	53973	575169	10.42
71	.060814	41695	2536	40427	368850	8.85	71	.048350	52760	2551	51485	521196	9.88
72	.065987	39159	2584	37867	328423	8.39	72	.053107	50210	2666	48876	469711	9.36
73	.071671	36575	2621	35265	290555	7.94	73	.058217	47543	2768	46159	420835	8.85
74	.077878	33954	2644	32632	255291	7.52	74	.063738	44775	2854	43348	374675	8.37
75	.084494	31310	2645	29987	222659	7.11	75	.069664	41921	2920	40461	331327	7.90
76	.091612	28664	2626	27351	192672	6.72	76	.076132	39001	2969	37516	290866	7.46
77	.099449	26038	2589	24743	165321	6.35	77	.083314	36032	3002	34531	253350	7.03
78	.108080	23449	2534	22182	140578	6.00	78	.091294	33030	3015	31522	218819	6.62
79	.117382	20914	2455	19687	118396	5.66	79	.099977	30014	3001	28514	187297	6.24
80	.127494	18459	2353	17283	98709	5.35	80	.109598	27014	2961	25533	158783	5.88
81	.137986	16106	2222	14995	81426	5.06	81	.119697	24053	2879	22613	133250	5.54
82	.148244	13884	2058	12854	66432	4.78	82	.129543	21174	2743	19802	110636	5.23
83	.158015	11825	1869	10891	53577	4.53	83	.138856	18431	2559	17151	90834	4.93
84	.167720	9957	1670	9122	42686	4.29	84	.148156	15872	2351	14696	73683	4.64
85	.177982	8287	1475	7549	33564	4.05	85	.158208	13520	2139	12451	58987	4.36
86	.189317	6812	1290	6167	26015	3.82	86	.169643	11381	1931	10416	46536	4.09
87	.202027	5522	1116	4964	19848	3.59	87	.182842	9450	1728	8587	36120	3.82
88	.216190	4407	953	3930	14883	3.38	88	.197910	7723	1528	6958	27533	3.57
89	.231679	3454	800	3054	10953	3.17	89	.214707	6194	1330	5529	20575	3.32
90	.248306	2654	659	2324	7899	2.98	90	.233014	4864	1133	4298	15046	3.09
91	.265851	1995	530	1730	5575	2.79	91	.252570	3731	942	3260	10748	2.88
92	.284091	1464	416	1256	3845	2.63	92	.273110	2789	762	2408	7489	2.69
93	.302828	1048	317	890	2589	2.47	93	.294396	2027	597	1729	5081	2.51
94	.321875	731	235	613	1699	2.32	94	.316201	1430	452	1204	3352	2.34
95	.341290	496	169	411	1086	2.19	95	.338731	978	331	812	2148	2.20
96	.360995	327	118	268	675	2.07	96	.360995	647	233	530	1336	2.07
97	.380907	209	79	169	407	1.95	97	.380907	413	157	335	806	1.95
98	.400935	129	52	103	238	1.84	98	.400935	256	103	205	471	1.84
99	.420982	77	33	61	135	1.74	99	.420982	153	65	121	267	1.74
100	.442031	45	20	35	74	1.64	100	.442031	89	39	69	146	1.64
101	.464133	25	12	19	39	1.55	101	.464133	50	23	38	77	1.55
102	.487339	13	7	10	20	1.46	102	.487339	27	13	20	39	1.46
103	.511706	7	4	5	9	1.38	103	.511706	14	7	10	19	1.38
104	.537291	3	2	2	4	1.29	104	.537291	7	4	5	9	1.29
105	.564156	2	1	1	2	1.21	105	.564156	3	2	2	4	1.21
106	.592364	1	0	0	1	1.14	106	.592364	1	1	1	2	1.14
107	.621982	0	0	0	0	1.07	107	.621982	1	0	0	1	1.07
108	.653081	0	0	0	0	1.00	108	.653081	0	0	0	0	1.00
109	.685735	0	0	0	0	.93	109	.685735	0	0	0	0	.93
110	.720022	0	0	0	0	.87	110	.720022	0	0	0	0	.87
111	.756023	0	0	0	0	.80	111	.756023	0	0	0	0	.80
112	.793824	0	0	0	0	.75	112	.793824	0	0	0	0	.75
113	.833515	0	0	0	0	.69	113	.833515	0	0	0	0	.69
114	.875191	0	0	0	0	.64	114	.875191	0	0	0	0	.64
115	.918950	0	0	0	0	.58	115	.918950	0	0	0	0	.58
116	.964897	0	0	0	0	.54	116	.964897	0	0	0	0	.54
117	1.000000	0	0	0	0	.50	117	1.000000	0	0	0	0	.50
118	1.000000	0	0	0	0	.00	118	1.000000	0	0	0	0	.00
119	1.000000	0	0	0	0	.00	119	1.000000	0	0	0	0	.00

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1950

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.032794	100000	3279	97115	6562864	65.63	0	.025512	100000	2551	97793	7112837	71.13
1	.002446	96721	237	96602	6465749	66.85	1	.002038	97449	199	97349	7015044	71.99
2	.001408	96484	136	96416	6369147	66.01	2	.001172	97250	114	97193	6917694	71.13
3	.001147	96348	111	96293	6272730	65.10	3	.000985	97136	96	97088	6820501	70.22
4	.000862	96238	83	96196	6176437	64.18	4	.000738	97041	72	97005	6723413	69.28
5	.000790	96155	76	96117	6080241	63.23	5	.000638	96969	62	96938	6626409	68.34
6	.000739	96079	71	96043	5984125	62.28	6	.000560	96907	54	96880	6529471	67.38
7	.000697	96008	67	95974	5888082	61.33	7	.000500	96853	48	96829	6432590	66.42
8	.000657	95941	63	95909	5792108	60.37	8	.000454	96804	44	96782	6335762	65.45
9	.000620	95878	59	95848	5696198	59.41	9	.000421	96760	41	96740	6238980	64.48
10	.000595	95818	57	95790	5600350	58.45	10	.000402	96720	39	96700	6142239	63.51
11	.000599	95761	57	95733	5504560	57.48	11	.000401	96681	39	96661	6045540	62.53
12	.000654	95704	63	95673	5408828	56.52	12	.000425	96642	41	96621	5948878	61.56
13	.000769	95641	74	95605	5313155	55.55	13	.000475	96601	46	96578	5852257	60.58
14	.000929	95568	89	95523	5217550	54.60	14	.000545	96555	53	96529	5755679	59.61
15	.001107	95479	106	95426	5122027	53.65	15	.000628	96502	61	96472	5659149	58.64
16	.001279	95373	122	95312	5026601	52.70	16	.000713	96442	69	96407	5562678	57.68
17	.001438	95251	137	95183	4931288	51.77	17	.000786	96373	76	96335	5466270	56.72
18	.001572	95114	150	95040	4836106	50.85	18	.000840	96297	81	96257	5369935	55.76
19	.001684	94965	160	94885	4741066	49.92	19	.000880	96216	85	96174	5273678	54.81
20	.001801	94805	171	94720	4646181	49.01	20	.000920	96132	88	96088	5177504	53.86
21	.001914	94634	181	94544	4551462	48.10	21	.000966	96043	93	95997	5081416	52.91
22	.001986	94453	188	94359	4456918	47.19	22	.001010	95951	97	95902	4985419	51.96
23	.002005	94266	189	94171	4362558	46.28	23	.001050	95854	101	95803	4889518	51.01
24	.001985	94077	187	93983	4268388	45.37	24	.001088	95753	104	95701	4793714	50.06
25	.001956	93890	184	93798	4174404	44.46	25	.001130	95649	108	95595	4698013	49.12
26	.001940	93706	182	93615	4080606	43.55	26	.001176	95541	112	95485	4602418	48.17
27	.001945	93524	182	93433	3986991	42.63	27	.001228	95428	117	95370	4506933	47.23
28	.001982	93342	185	93250	3893558	41.71	28	.001287	95311	123	95250	4411563	46.29
29	.002048	93157	191	93062	3800308	40.79	29	.001355	95189	129	95124	4316313	45.34
30	.002132	92967	198	92868	3707245	39.88	30	.001431	95060	136	94992	4221190	44.41
31	.002229	92768	207	92665	3614378	38.96	31	.001518	94924	144	94851	4126198	43.47
32	.002344	92562	217	92453	3521713	38.05	32	.001616	94779	153	94703	4031346	42.53
33	.002479	92345	229	92230	3429260	37.14	33	.001727	94626	163	94545	3936644	41.60
34	.002637	92116	243	91994	3337029	36.23	34	.001852	94463	175	94375	3842099	40.67
35	.002822	91873	259	91743	3245035	35.32	35	.001990	94288	188	94194	3747724	39.75
36	.003042	91614	279	91474	3153292	34.42	36	.002145	94100	202	93999	3653530	38.83
37	.003302	91335	302	91184	3061818	33.52	37	.002320	93898	218	93789	3559531	37.91
38	.003608	91033	328	90869	2970634	32.63	38	.002516	93681	236	93563	3465741	37.00
39	.003959	90705	359	90525	2879765	31.75	39	.002734	93445	255	93317	3372178	36.09
40	.004356	90346	394	90149	2789239	30.87	40	.002974	93189	277	93051	3278861	35.18
41	.004794	89952	431	89737	2699091	30.01	41	.003233	92912	300	92762	3185811	34.29
42	.005268	89521	472	89285	2609354	29.15	42	.003508	92612	325	92449	3093049	33.40
43	.005775	89049	514	88792	2520069	28.30	43	.003798	92287	351	92112	3000599	32.51
44	.006325	88535	560	88255	2431277	27.46	44	.004106	91936	377	91748	2908487	31.64
45	.006925	87975	609	87671	2343021	26.63	45	.004440	91559	407	91356	2816740	30.76
46	.007587	87366	663	87035	2255351	25.81	46	.004805	91152	438	90933	2725384	29.90
47	.008315	86703	721	86343	2168316	25.01	47	.005196	90714	471	90479	2634450	29.04
48	.009116	85982	784	85590	2081974	24.21	48	.005614	90243	507	89990	2543972	28.19
49	.009990	85198	851	84773	1996383	23.43	49	.006063	89736	544	89464	2453982	27.35
50	.010936	84347	922	83886	1911611	22.66	50	.006563	89192	585	88900	2364517	26.51
51	.011951	83425	997	82926	1827725	21.91	51	.007107	88607	630	88292	2275618	25.68
52	.013034	82428	1074	81891	1744798	21.17	52	.007670	87977	675	87640	2187325	24.86
53	.014185	81353	1154	80776	1662908	20.44	53	.008247	87303	720	86943	2099685	24.05
54	.015409	80199	1236	79581	1582131	19.73	54	.008857	86583	767	86199	2012743	23.25
55	.016715	78964	1320	78304	1502550	19.03	55	.009515	85816	817	85407	1926543	22.45
56	.018113	77644	1406	76941	1424246	18.34	56	.010261	84999	872	84563	1841136	21.66
57	.019607	76237	1495	75490	1347306	17.67	57	.011129	84127	936	83659	1756573	20.88
58	.021202	74743	1585	73950	1271816	17.02	58	.012145	83191	1010	82686	1672914	20.11
59	.022900	73158	1675	72320	1197866	16.37	59	.013292	82180	1092	81634	1590229	19.35

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1950

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
60	.024757	71483	1770	70598	1125545	15.75	60	.014623	81088	1186	80495	1508594	18.60
61	.026729	69713	1863	68781	1054947	15.13	61	.016048	79902	1282	79261	1428099	17.87
62	.028713	67850	1948	66875	986166	14.53	62	.017415	78620	1369	77935	1348838	17.16
63	.030675	65901	2022	64891	919291	13.95	63	.018664	77251	1442	76530	1270903	16.45
64	.032691	63880	2088	62836	854400	13.38	64	.019907	75809	1509	75054	1194373	15.76
65	.034871	61792	2155	60714	791565	12.81	65	.021285	74300	1581	73509	1119318	15.06
66	.037321	59637	2226	58524	730850	12.26	66	.022987	72718	1672	71883	1045809	14.38
67	.040079	57411	2301	56261	672326	11.71	67	.025125	71047	1785	70154	973926	13.71
68	.043197	55110	2381	53920	616066	11.18	68	.027804	69262	1926	68299	903772	13.05
69	.046672	52730	2461	51499	562146	10.66	69	.030969	67336	2085	66293	835473	12.41
70	.050464	50269	2537	49000	510647	10.16	70	.034488	65251	2250	64126	769180	11.79
71	.054558	47732	2604	46430	461647	9.67	71	.038282	63000	2412	61794	705054	11.19
72	.058993	45128	2662	43797	415217	9.20	72	.042394	60589	2569	59304	643260	10.62
73	.063778	42465	2708	41111	371421	8.75	73	.046812	58020	2716	56662	583956	10.06
74	.068930	39757	2740	38387	330309	8.31	74	.051559	55304	2851	53878	527294	9.53
75	.074579	37017	2761	35636	291922	7.89	75	.056808	52453	2980	50963	473416	9.03
76	.080656	34256	2763	32874	256286	7.48	76	.062486	49473	3091	47927	422453	8.54
77	.086977	31493	2739	30123	223412	7.09	77	.068356	46381	3170	44796	374526	8.07
78	.093491	28754	2688	27410	193288	6.72	78	.074354	43211	3213	41605	329730	7.63
79	.100340	26066	2615	24758	165879	6.36	79	.080640	39998	3225	38385	288125	7.20
80	.107612	23450	2524	22188	141121	6.02	80	.087437	36773	3215	35165	249740	6.79
81	.115584	20927	2419	19717	118932	5.68	81	.094969	33557	3187	31964	214575	6.39
82	.124516	18508	2305	17356	99215	5.36	82	.103322	30370	3138	28801	182611	6.01
83	.134559	16203	2180	15113	81859	5.05	83	.112601	27233	3066	25699	153809	5.65
84	.145550	14023	2041	13003	66746	4.76	84	.122771	24166	2967	22683	128110	5.30
85	.157231	11982	1884	11040	53744	4.49	85	.133746	21199	2835	19782	105427	4.97
86	.169386	10098	1710	9243	42704	4.23	86	.145457	18364	2671	17028	85646	4.66
87	.181893	8388	1526	7625	33461	3.99	87	.157873	15693	2477	14454	68617	4.37
88	.194721	6862	1336	6194	25836	3.77	88	.171000	13215	2260	12085	54163	4.10
89	.207928	5526	1149	4951	19642	3.55	89	.184880	10955	2025	9943	42078	3.84
90	.221590	4377	970	3892	14691	3.36	90	.199559	8930	1782	8039	32135	3.60
91	.235793	3407	803	3005	10799	3.17	91	.215080	7148	1537	6379	24096	3.37
92	.250619	2604	653	2277	7794	2.99	92	.231482	5611	1299	4961	17717	3.16
93	.266133	1951	519	1691	5516	2.83	93	.248788	4312	1073	3775	12756	2.96
94	.282390	1432	404	1230	3825	2.67	94	.267011	3239	865	2807	8980	2.77
95	.299014	1028	307	874	2595	2.53	95	.285861	2374	679	2035	6174	2.60
96	.315954	720	228	606	1721	2.39	96	.305285	1696	518	1437	4139	2.44
97	.333152	493	164	411	1115	2.26	97	.325220	1178	383	986	2702	2.29
98	.350549	329	115	271	704	2.14	98	.345595	795	275	657	1716	2.16
99	.368076	213	79	174	433	2.03	99	.366330	520	191	425	1058	2.03
100	.386480	135	52	109	259	1.92	100	.386480	330	127	266	633	1.92
101	.405804	83	34	66	150	1.82	101	.405804	202	82	161	368	1.82
102	.426094	49	21	39	84	1.72	102	.426094	120	51	95	206	1.72
103	.447399	28	13	22	46	1.62	103	.447399	69	31	54	112	1.62
104	.469768	16	7	12	24	1.53	104	.469768	38	18	29	58	1.53
105	.493257	8	4	6	12	1.44	105	.493257	20	10	15	29	1.44
106	.517920	4	2	3	6	1.35	106	.517920	10	5	8	14	1.35
107	.543816	2	1	1	3	1.27	107	.543816	5	3	4	6	1.27
108	.571006	1	1	1	1	1.19	108	.571006	2	1	2	3	1.19
109	.599557	0	0	0	0	1.12	109	.599557	1	1	1	1	1.12
110	.629534	0	0	0	0	1.05	110	.629534	0	0	0	0	1.05
111	.661011	0	0	0	0	.98	111	.661011	0	0	0	0	.98
112	.694062	0	0	0	0	.91	112	.694062	0	0	0	0	.91
113	.728765	0	0	0	0	.85	113	.728765	0	0	0	0	.85
114	.765203	0	0	0	0	.79	114	.765203	0	0	0	0	.79
115	.803463	0	0	0	0	.73	115	.803463	0	0	0	0	.73
116	.843636	0	0	0	0	.68	116	.843636	0	0	0	0	.68
117	.885818	0	0	0	0	.62	117	.885818	0	0	0	0	.62
118	.930109	0	0	0	0	.57	118	.930109	0	0	0	0	.57
119	.976614	0	0	0	0	.52	119	.976614	0	0	0	0	.52

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1960

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.029374	100000	2937	97378	6666093	66.66	0	.022619	100000	2262	98000	7324323	73.24
1	.001881	97063	183	96971	6568714	67.68	1	.001639	97738	160	97658	7226323	73.94
2	.001163	96880	113	96824	6471743	66.80	2	.000941	97578	92	97532	7128665	73.06
3	.000921	96767	89	96723	6374919	65.88	3	.000728	97486	71	97451	7031133	72.12
4	.000755	96678	73	96642	6278196	64.94	4	.000610	97415	59	97385	6933682	71.18
5	.000667	96605	64	96573	6181554	63.99	5	.000523	97356	51	97330	6836297	70.22
6	.000603	96541	58	96512	6084981	63.03	6	.000453	97305	44	97283	6738967	69.26
7	.000551	96483	53	96456	5988470	62.07	7	.000398	97261	39	97241	6641684	68.29
8	.000504	96429	49	96405	5892014	61.10	8	.000355	97222	35	97205	6544442	67.31
9	.000461	96381	44	96359	5795609	60.13	9	.000323	97187	31	97172	6447238	66.34
10	.000432	96336	42	96316	5699250	59.16	10	.000302	97156	29	97141	6350066	65.36
11	.000436	96295	42	96274	5602935	58.19	11	.000295	97127	29	97112	6252924	64.38
12	.000494	96253	48	96229	5506661	57.21	12	.000307	97098	30	97083	6155812	63.40
13	.000619	96205	60	96175	5410432	56.24	13	.000338	97068	33	97052	6058729	62.42
14	.000791	96146	76	96108	5314256	55.27	14	.000385	97035	37	97017	5961677	61.44
15	.000983	96070	94	96022	5218149	54.32	15	.000442	96998	43	96977	5864660	60.46
16	.001167	95975	112	95919	5122127	53.37	16	.000501	96955	49	96931	5767684	59.49
17	.001332	95863	128	95799	5026207	52.43	17	.000551	96907	53	96880	5670752	58.52
18	.001465	95736	140	95665	4930408	51.50	18	.000586	96853	57	96825	5573873	57.55
19	.001568	95595	150	95520	4834742	50.58	19	.000610	96796	59	96767	5477048	56.58
20	.001674	95445	160	95365	4739222	49.65	20	.000634	96737	61	96707	5380280	55.62
21	.001776	95286	169	95201	4643857	48.74	21	.000664	96676	64	96644	5283574	54.65
22	.001836	95116	175	95029	4548655	47.82	22	.000695	96612	67	96578	5186929	53.69
23	.001842	94942	175	94854	4453627	46.91	23	.000728	96545	70	96510	5090351	52.73
24	.001810	94767	172	94681	4358772	45.99	24	.000763	96474	74	96438	4993842	51.76
25	.001767	94595	167	94512	4264091	45.08	25	.000801	96401	77	96362	4897404	50.80
26	.001736	94428	164	94346	4169579	44.16	26	.000843	96324	81	96283	4801042	49.84
27	.001721	94264	162	94183	4075233	43.23	27	.000889	96242	86	96200	4704758	48.88
28	.001734	94102	163	94020	3981050	42.31	28	.000940	96157	90	96112	4608559	47.93
29	.001773	93939	167	93856	3887029	41.38	29	.000997	96067	96	96019	4512448	46.97
30	.001825	93772	171	93687	3793174	40.45	30	.001062	95971	102	95920	4416429	46.02
31	.001890	93601	177	93513	3699487	39.52	31	.001135	95869	109	95814	4320509	45.07
32	.001981	93424	185	93332	3605974	38.60	32	.001216	95760	116	95702	4224695	44.12
33	.002099	93239	196	93141	3512643	37.67	33	.001306	95644	125	95581	4128992	43.17
34	.002246	93043	209	92939	3419501	36.75	34	.001405	95519	134	95452	4033411	42.23
35	.002424	92834	225	92722	3326562	35.83	35	.001515	95384	145	95312	3937960	41.29
36	.002632	92609	244	92488	3233840	34.92	36	.001640	95240	156	95162	3842648	40.35
37	.002866	92366	265	92233	3141353	34.01	37	.001784	95084	170	94999	3747486	39.41
38	.003126	92101	288	91957	3049120	33.11	38	.001951	94914	185	94822	3652487	38.48
39	.003418	91813	314	91656	2957162	32.21	39	.002139	94729	203	94628	3557666	37.56
40	.003753	91499	343	91328	2865506	31.32	40	.002348	94526	222	94415	3463038	36.64
41	.004136	91156	377	90967	2774179	30.43	41	.002572	94304	243	94183	3368623	35.72
42	.004564	90779	414	90572	2683212	29.56	42	.002806	94062	264	93930	3274440	34.81
43	.005039	90365	455	90137	2592640	28.69	43	.003048	93798	286	93655	3180510	33.91
44	.005567	89909	501	89659	2502503	27.83	44	.003303	93512	309	93358	3086855	33.01
45	.006139	89409	549	89134	2412844	26.99	45	.003576	93203	333	93036	2993498	32.12
46	.006773	88860	602	88559	2323710	26.15	46	.003878	92870	360	92690	2900461	31.23
47	.007504	88258	662	87927	2235151	25.33	47	.004210	92510	389	92315	2807771	30.35
48	.008346	87596	731	87230	2147224	24.51	48	.004577	92120	422	91909	2715456	29.48
49	.009283	86865	806	86461	2059994	23.72	49	.004979	91699	457	91470	2623547	28.61
50	.010327	86058	889	85614	1973533	22.93	50	.005434	91242	496	90994	2532077	27.75
51	.011421	85169	973	84683	1887919	22.17	51	.005921	90746	537	90478	2441083	26.90
52	.012489	84197	1052	83671	1803236	21.42	52	.006401	90209	577	89920	2350605	26.06
53	.013494	83145	1122	82584	1719565	20.68	53	.006857	89631	615	89324	2260685	25.22
54	.014491	82023	1189	81429	1636981	19.96	54	.007320	89017	652	88691	2171361	24.39
55	.015532	80835	1256	80207	1555552	19.24	55	.007815	88365	691	88020	2082670	23.57
56	.016723	79579	1331	78914	1475345	18.54	56	.008404	87675	737	87306	1994650	22.75
57	.018143	78248	1420	77539	1396431	17.85	57	.009140	86938	795	86541	1907344	21.94
58	.019851	76829	1525	76066	1318893	17.17	58	.010060	86143	867	85710	1820803	21.14
59	.021799	75304	1642	74483	1242826	16.50	59	.011137	85277	950	84802	1735094	20.35

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1960

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.023924	73662	1762	72781	1168344	15.86	60	.012370	84327	1043	83805	1650292	19.57
61	.026125	71900	1878	70961	1095563	15.24	61	.013672	83284	1139	82714	1566486	18.81
62	.028346	70021	1985	69029	1024602	14.63	62	.014946	82145	1228	81531	1483772	18.06
63	.030540	68037	2078	66998	955573	14.05	63	.016141	80917	1306	80264	1402241	17.33
64	.032763	65959	2161	64878	888576	13.47	64	.017338	79611	1380	78921	1321976	16.61
65	.035151	63798	2243	62676	823697	12.91	65	.018692	78231	1462	77500	1243055	15.89
66	.037758	61555	2324	60393	761021	12.36	66	.020296	76769	1558	75990	1165555	15.18
67	.040533	59231	2401	58031	700628	11.83	67	.022129	75211	1664	74378	1089566	14.49
68	.043489	56830	2471	55594	642597	11.31	68	.024230	73546	1782	72655	1015187	13.80
69	.046658	54359	2536	53091	587003	10.80	69	.026624	71764	1911	70809	942532	13.13
70	.050190	51822	2601	50522	533913	10.30	70	.029407	69854	2054	68826	871723	12.48
71	.054033	49221	2660	47892	483391	9.82	71	.032539	67799	2206	66696	802896	11.84
72	.058007	46562	2701	45211	435499	9.35	72	.035906	65593	2355	64416	736200	11.22
73	.062073	43861	2723	42500	390288	8.90	73	.039486	63238	2497	61990	671784	10.62
74	.066383	41138	2731	39773	347788	8.45	74	.043404	60741	2636	59423	609795	10.04
75	.070912	38407	2724	37046	308015	8.02	75	.047662	58105	2769	56720	550372	9.47
76	.076059	35684	2714	34327	270969	7.59	76	.052565	55335	2909	53881	493652	8.92
77	.082339	32970	2715	31612	236643	7.18	77	.058493	52427	3067	50893	439771	8.39
78	.090003	30255	2723	28894	205030	6.78	78	.065636	49360	3240	47740	388878	7.88
79	.098743	27532	2719	26173	176137	6.40	79	.073783	46120	3403	44419	341138	7.40
80	.108351	24813	2689	23469	149964	6.04	80	.082775	42717	3536	40949	296719	6.95
81	.118154	22125	2614	20818	126495	5.72	81	.092145	39181	3610	37376	255770	6.53
82	.127564	19511	2489	18266	105677	5.42	82	.101505	35571	3611	33766	218393	6.14
83	.136242	17022	2319	15862	87410	5.14	83	.110623	31960	3536	30193	184628	5.78
84	.144637	14703	2127	13640	71548	4.87	84	.119809	28425	3406	26722	154435	5.43
85	.153443	12576	1930	11611	57909	4.60	85	.129536	25019	3241	23399	127713	5.10
86	.163233	10646	1738	9778	46297	4.35	86	.140196	21778	3053	20252	104314	4.79
87	.174340	8909	1553	8132	36520	4.10	87	.152014	18725	2846	17302	84062	4.49
88	.186837	7356	1374	6668	28388	3.86	88	.165034	15879	2621	14568	66761	4.20
89	.200564	5981	1200	5381	21719	3.63	89	.179142	13258	2375	12071	52192	3.94
90	.215290	4782	1029	4267	16338	3.42	90	.194173	10883	2113	9826	40122	3.69
91	.230750	3752	866	3319	12071	3.22	91	.209939	8770	1841	7849	30295	3.45
92	.246680	2886	712	2530	8752	3.03	92	.226251	6929	1568	6145	22446	3.24
93	.262846	2174	572	1889	6221	2.86	93	.242940	5361	1302	4710	16301	3.04
94	.279031	1603	447	1379	4333	2.70	94	.259844	4059	1055	3531	11591	2.86
95	.295567	1156	342	985	2954	2.56	95	.277426	3004	833	2587	8060	2.68
96	.312398	814	254	687	1969	2.42	96	.295667	2171	642	1850	5472	2.52
97	.329464	560	184	468	1282	2.29	97	.314540	1529	481	1288	3623	2.37
98	.346700	375	130	310	814	2.17	98	.334015	1048	350	873	2334	2.23
99	.364035	245	89	201	504	2.06	99	.354056	698	247	574	1461	2.09
100	.382237	156	60	126	303	1.95	100	.375299	451	169	366	887	1.97
101	.401349	96	39	77	177	1.84	101	.397817	282	112	226	521	1.85
102	.421416	58	24	46	100	1.74	102	.421416	170	71	134	295	1.74
103	.442487	33	15	26	55	1.64	103	.442487	98	43	76	161	1.64
104	.464611	19	9	14	29	1.55	104	.464611	55	25	42	85	1.55
105	.487842	10	5	8	15	1.46	105	.487842	29	14	22	43	1.46
106	.512234	5	3	4	7	1.37	106	.512234	15	8	11	21	1.37
107	.537846	2	1	2	3	1.29	107	.537846	7	4	5	9	1.29
108	.564738	1	1	1	1	1.21	108	.564738	3	2	2	4	1.21
109	.592975	1	0	0	1	1.14	109	.592975	1	1	1	2	1.14
110	.622624	0	0	0	0	1.06	110	.622624	1	0	0	1	1.06
111	.653755	0	0	0	0	.99	111	.653755	0	0	0	0	.99
112	.686442	0	0	0	0	.93	112	.686442	0	0	0	0	.93
113	.720764	0	0	0	0	.86	113	.720764	0	0	0	0	.86
114	.756803	0	0	0	0	.80	114	.756803	0	0	0	0	.80
115	.794643	0	0	0	0	.74	115	.794643	0	0	0	0	.74
116	.834375	0	0	0	0	.69	116	.834375	0	0	0	0	.69
117	.876094	0	0	0	0	.63	117	.876094	0	0	0	0	.63
118	.919898	0	0	0	0	.58	118	.919898	0	0	0	0	.58
119	.965893	0	0	0	0	.53	119	.965893	0	0	0	0	.53

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1970

Male							Female						
x	q <sub>x</sub>	L <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	L <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.022458	100000	2246	97962	6714539	67.15	0	.017592	100000	1759	98414	7486427	74.86
1	.001319	97754	129	97690	6616578	67.69	1	.001173	98241	115	98183	7388012	75.20
2	.000910	97625	89	97581	6518888	66.77	2	.000730	98126	72	98090	7289829	74.29
3	.000778	97536	76	97498	6421307	65.83	3	.000582	98054	57	98025	7191739	73.34
4	.000640	97461	62	97429	6323809	64.89	4	.000484	97997	47	97973	7093714	72.39
5	.000583	97398	57	97370	6226379	63.93	5	.000424	97949	42	97929	6995741	71.42
6	.000545	97341	53	97315	6129009	62.96	6	.000378	97908	37	97889	6897812	70.45
7	.000508	97288	49	97264	6031694	62.00	7	.000340	97871	33	97854	6799923	69.48
8	.000460	97239	45	97217	5934431	61.03	8	.000306	97838	30	97823	6702069	68.50
9	.000402	97194	39	97175	5837214	60.06	9	.000274	97808	27	97794	6604247	67.52
10	.000353	97155	34	97138	5740039	59.08	10	.000251	97781	25	97769	6506452	66.54
11	.000346	97121	34	97104	5642901	58.10	11	.000244	97756	24	97744	6408684	65.56
12	.000421	97087	41	97067	5545797	57.12	12	.000264	97732	26	97720	6310939	64.57
13	.000598	97046	58	97017	5448730	56.15	13	.000318	97707	31	97691	6213220	63.59
14	.000850	96988	82	96947	5351713	55.18	14	.000395	97676	39	97656	6115528	62.61
15	.001127	96906	109	96851	5254766	54.23	15	.000486	97637	47	97613	6017872	61.64
16	.001387	96797	134	96730	5157915	53.29	16	.000572	97590	56	97562	5920259	60.66
17	.001620	96662	157	96584	5061185	52.36	17	.000640	97534	62	97503	5822697	59.70
18	.001805	96506	174	96419	4964601	51.44	18	.000678	97471	66	97438	5725194	58.74
19	.001948	96332	188	96238	4868182	50.54	19	.000694	97405	68	97371	5627756	57.78
20	.002094	96144	201	96043	4771945	49.63	20	.000708	97338	69	97303	5530385	56.82
21	.002232	95943	214	95836	4675901	48.74	21	.000728	97269	71	97233	5433082	55.86
22	.002301	95728	220	95618	4580065	47.84	22	.000747	97198	73	97162	5335848	54.90
23	.002281	95508	218	95399	4484447	46.95	23	.000765	97125	74	97088	5238687	53.94
24	.002199	95290	210	95186	4389048	46.06	24	.000784	97051	76	97013	5141598	52.98
25	.002093	95081	199	94981	4293862	45.16	25	.000806	96975	78	96936	5044586	52.02
26	.002005	94882	190	94787	4198880	44.25	26	.000832	96897	81	96856	4947649	51.06
27	.001954	94692	185	94599	4104094	43.34	27	.000864	96816	84	96774	4850793	50.10
28	.001961	94507	185	94414	4009495	42.43	28	.000904	96732	87	96689	4754018	49.15
29	.002017	94321	190	94226	3915081	41.51	29	.000952	96645	92	96599	4657330	48.19
30	.002093	94131	197	94032	3820855	40.59	30	.001006	96553	97	96504	4560731	47.24
31	.002174	93934	204	93832	3726822	39.67	31	.001071	96456	103	96404	4464226	46.28
32	.002273	93730	213	93623	3632991	38.76	32	.001154	96353	111	96297	4367821	45.33
33	.002387	93517	223	93405	3539367	37.85	33	.001260	96241	121	96181	4271524	44.38
34	.002522	93293	235	93176	3445962	36.94	34	.001386	96120	133	96054	4175344	43.44
35	.002683	93058	250	92933	3352787	36.03	35	.001528	95987	147	95914	4079290	42.50
36	.002876	92809	267	92675	3259854	35.12	36	.001680	95840	161	95760	3983377	41.56
37	.003104	92542	287	92398	3167178	34.22	37	.001835	95679	176	95591	3887617	40.63
38	.003370	92254	311	92099	3074781	33.33	38	.001988	95504	190	95409	3792025	39.71
39	.003674	91943	338	91775	2982681	32.44	39	.002146	95314	205	95212	3696617	38.78
40	.004020	91606	368	91422	2890907	31.56	40	.002315	95109	220	94999	3601405	37.87
41	.004402	91237	402	91037	2799485	30.68	41	.002505	94889	238	94770	3506406	36.95
42	.004814	90836	437	90617	2708449	29.82	42	.002722	94651	258	94523	3411636	36.04
43	.005254	90398	475	90161	2617832	28.96	43	.002971	94394	280	94254	3317113	35.14
44	.005729	89924	515	89666	2527671	28.11	44	.003249	94113	306	93960	3222860	34.24
45	.006259	89408	560	89129	2438005	27.27	45	.003553	93808	333	93641	3128899	33.35
46	.006849	88849	609	88544	2348876	26.44	46	.003874	93474	362	93293	3035258	32.47
47	.007485	88240	660	87910	2260332	25.62	47	.004207	93112	392	92916	2941965	31.60
48	.008169	87580	715	87222	2172422	24.81	48	.004547	92720	422	92510	2849049	30.73
49	.008912	86864	774	86477	2085200	24.01	49	.004901	92299	452	92073	2756539	29.87
50	.009718	86090	837	85672	1998722	23.22	50	.005281	91846	485	91604	2664467	29.01
51	.010611	85254	905	84801	1913050	22.44	51	.005697	91361	520	91101	2572863	28.16
52	.011620	84349	980	83859	1828249	21.67	52	.006146	90841	558	90562	2481762	27.32
53	.012759	83369	1064	82837	1744390	20.92	53	.006632	90283	599	89983	2391200	26.49
54	.014020	82305	1154	81728	1661553	20.19	54	.007158	89684	642	89363	2301217	25.66
55	.015386	81151	1249	80527	1579825	19.47	55	.007731	89042	688	88698	2211854	24.84
56	.016838	79903	1345	79230	1499298	18.76	56	.008347	88354	737	87985	2123156	24.03
57	.018369	78557	1443	77836	1420068	18.08	57	.008997	87616	788	87222	2035171	23.23
58	.019972	77114	1540	76344	1342233	17.41	58	.009678	86828	840	86408	1947949	22.43
59	.021660	75574	1637	74756	1265889	16.75	59	.010401	85987	894	85540	1861542	21.65



Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1970

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.023475	73937	1736	73069	1191133	16.11	60	.011230	85093	956	84615	1776002	20.87
61	.025417	72201	1835	71284	1118064	15.49	61	.012142	84137	1022	83627	1691386	20.10
62	.027445	70366	1931	69401	1046780	14.88	62	.013059	83116	1085	82573	1607760	19.34
63	.029551	68435	2022	67424	977379	14.28	63	.013961	82030	1145	81458	1525187	18.59
64	.031765	66413	2110	65358	909955	13.70	64	.014906	80885	1206	80282	1443729	17.85
65	.034158	64303	2196	63205	844597	13.13	65	.015985	79680	1274	79043	1363446	17.11
66	.036745	62107	2282	60966	781392	12.58	66	.017278	78406	1355	77729	1284404	16.38
67	.039489	59825	2362	58643	720427	12.04	67	.018808	77051	1449	76327	1206675	15.66
68	.042392	57462	2436	56244	661783	11.52	68	.020618	75602	1559	74823	1130348	14.95
69	.045494	55026	2503	53775	605539	11.00	69	.022714	74043	1682	73202	1055526	14.26
70	.048870	52523	2567	51239	551765	10.51	70	.025127	72361	1818	71452	982323	13.58
71	.052551	49956	2625	48643	500525	10.02	71	.027824	70543	1963	69562	910871	12.91
72	.056515	47331	2675	45993	451882	9.55	72	.030760	68580	2110	67526	841309	12.27
73	.060777	44656	2714	43299	405888	9.09	73	.033926	66471	2255	65343	773784	11.64
74	.065380	41942	2742	40571	362589	8.65	74	.037393	64216	2401	63015	708440	11.03
75	.070386	39200	2759	37820	322019	8.21	75	.041264	61815	2551	60539	645425	10.44
76	.075831	36441	2763	35059	284198	7.80	76	.045630	59264	2704	57912	584886	9.87
77	.081716	33677	2752	32301	249140	7.40	77	.050529	56560	2858	55131	526974	9.32
78	.088066	30925	2723	29564	216838	7.01	78	.056012	53702	3008	52198	471844	8.79
79	.094911	28202	2677	26864	187275	6.64	79	.062087	50694	3147	49120	419646	8.28
80	.102242	25525	2610	24220	160411	6.28	80	.068710	47546	3267	45913	370526	7.79
81	.110126	22915	2524	21654	136191	5.94	81	.075902	44279	3361	42599	324613	7.33
82	.118670	20392	2420	19182	114537	5.62	82	.083742	40919	3427	39205	282014	6.89
83	.127922	17972	2299	16822	95355	5.31	83	.092258	37492	3459	35762	242809	6.48
84	.137837	15673	2160	14593	78533	5.01	84	.101434	34033	3452	32307	207046	6.08
85	.148337	13513	2004	12510	63940	4.73	85	.111238	30581	3402	28880	174739	5.71
86	.159358	11508	1834	10591	51430	4.47	86	.121643	27179	3306	25526	145859	5.37
87	.170861	9674	1653	8848	40838	4.22	87	.132631	23873	3166	22290	120333	5.04
88	.182833	8021	1467	7288	31991	3.99	88	.144196	20707	2986	19214	98043	4.73
89	.195286	6555	1280	5915	24703	3.77	89	.156341	17721	2771	16336	78829	4.45
90	.208237	5275	1098	4726	18788	3.56	90	.169069	14950	2528	13687	62494	4.18
91	.221704	4176	926	3713	14062	3.37	91	.182383	12423	2266	11290	48807	3.93
92	.235701	3250	766	2867	10349	3.18	92	.196283	10157	1994	9160	37517	3.69
93	.250238	2484	622	2173	7482	3.01	93	.210766	8163	1721	7303	28357	3.47
94	.265320	1863	494	1616	5308	2.85	94	.225825	6443	1455	5715	21054	3.27
95	.280766	1368	384	1176	3693	2.70	95	.241443	4988	1204	4386	15339	3.08
96	.296534	984	292	838	2516	2.56	96	.257588	3784	975	3296	10953	2.89
97	.312579	692	216	584	1678	2.42	97	.274223	2809	770	2424	7657	2.73
98	.328850	476	157	398	1094	2.30	98	.291304	2039	594	1742	5233	2.57
99	.345293	319	110	264	696	2.18	99	.308782	1445	446	1222	3491	2.42
100	.362558	209	76	171	432	2.06	100	.327309	999	327	835	2269	2.27
101	.380685	133	51	108	261	1.95	101	.346948	672	233	555	1434	2.13
102	.399720	83	33	66	153	1.85	102	.367765	439	161	358	879	2.00
103	.419706	50	21	39	87	1.75	103	.389831	277	108	223	521	1.88
104	.440691	29	13	22	47	1.65	104	.413220	169	70	134	297	1.76
105	.462725	16	7	12	25	1.56	105	.438014	99	43	78	163	1.64
106	.485862	9	4	7	13	1.47	106	.464294	56	26	43	86	1.53
107	.510155	4	2	3	6	1.38	107	.492152	30	15	23	43	1.43
108	.535662	2	1	2	3	1.30	108	.521681	15	8	11	20	1.33
109	.562446	1	1	1	1	1.22	109	.552982	7	4	5	9	1.24
110	.590568	0	0	0	1	1.14	110	.586161	3	2	2	4	1.15
111	.620096	0	0	0	0	1.07	111	.620096	1	1	1	1	1.07
112	.651101	0	0	0	0	1.00	112	.651101	1	0	0	1	1.00
113	.683656	0	0	0	0	.93	113	.683656	0	0	0	0	.93
114	.717839	0	0	0	0	.87	114	.717839	0	0	0	0	.87
115	.753731	0	0	0	0	.81	115	.753731	0	0	0	0	.81
116	.791417	0	0	0	0	.75	116	.791417	0	0	0	0	.75
117	.830988	0	0	0	0	.69	117	.830988	0	0	0	0	.69
118	.872537	0	0	0	0	.64	118	.872537	0	0	0	0	.64
119	.916164	0	0	0	0	.59	119	.916164	0	0	0	0	.59

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1980

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.013980	100000	1398	98776	6994402	69.94	0	.011246	100000	1125	99015	7751604	77.52
1	.001064	98602	105	98550	6895626	69.93	1	.000856	98875	85	98833	7652589	77.40
2	.000719	98497	71	98462	6797077	69.01	2	.000558	98791	55	98763	7553756	76.46
3	.000598	98426	59	98397	6698615	68.06	3	.000417	98736	41	98715	7454993	75.50
4	.000465	98367	46	98345	6600218	67.10	4	.000313	98694	31	98679	7356278	74.54
5	.000421	98322	41	98301	6501874	66.13	5	.000293	98664	29	98649	7257599	73.56
6	.000394	98280	39	98261	6403573	65.16	6	.000279	98635	28	98621	7158950	72.58
7	.000365	98242	36	98224	6305312	64.18	7	.000263	98607	26	98594	7060329	71.60
8	.000323	98206	32	98190	6207088	63.20	8	.000242	98581	24	98569	6961735	70.62
9	.000270	98174	27	98161	6108898	62.23	9	.000216	98557	21	98547	6863166	69.64
10	.000225	98147	22	98136	6010738	61.24	10	.000191	98536	19	98527	6764619	68.65
11	.000220	98125	22	98115	5912601	60.26	11	.000180	98517	18	98508	6666093	67.66
12	.000292	98104	29	98089	5814487	59.27	12	.000196	98500	19	98490	6567584	66.68
13	.000464	98075	46	98052	5716397	58.29	13	.000248	98480	24	98468	6469094	65.69
14	.000707	98030	69	97995	5618345	57.31	14	.000325	98456	32	98440	6370626	64.71
15	.000977	97960	96	97912	5520350	56.35	15	.000415	98424	41	98403	6272186	63.73
16	.001229	97865	120	97804	5422437	55.41	16	.000496	98383	49	98359	6173782	62.75
17	.001453	97744	142	97673	5324632	54.48	17	.000558	98334	55	98307	6075424	61.78
18	.001626	97602	159	97523	5226959	53.55	18	.000588	98279	58	98250	5977118	60.82
19	.001758	97444	171	97358	5129436	52.64	19	.000596	98221	59	98192	5878867	59.85
20	.001886	97272	183	97181	5032078	51.73	20	.000600	98163	59	98133	5780675	58.89
21	.002009	97089	195	96991	4934897	50.83	21	.000610	98104	60	98074	5682542	57.92
22	.002082	96894	202	96793	4837906	49.93	22	.000618	98044	61	98014	5584467	56.96
23	.002095	96692	203	96591	4741113	49.03	23	.000626	97984	61	97953	5486453	55.99
24	.002062	96490	199	96390	4644522	48.13	24	.000636	97922	62	97891	5388501	55.03
25	.002012	96291	194	96194	4548132	47.23	25	.000647	97860	63	97828	5290610	54.06
26	.001967	96097	189	96002	4451938	46.33	26	.000659	97797	64	97764	5192781	53.10
27	.001927	95908	185	95815	4355936	45.42	27	.000674	97732	66	97699	5095016	52.13
28	.001901	95723	182	95632	4260121	44.50	28	.000692	97666	68	97633	4997317	51.17
29	.001891	95541	181	95451	4164489	43.59	29	.000716	97599	70	97564	4899685	50.20
30	.001886	95360	180	95270	4069038	42.67	30	.000747	97529	73	97492	4802121	49.24
31	.001889	95180	180	95091	3973767	41.75	31	.000784	97456	76	97418	4704628	48.27
32	.001914	95001	182	94910	3878677	40.83	32	.000830	97380	81	97339	4607210	47.31
33	.001965	94819	186	94726	3783767	39.91	33	.000886	97299	86	97256	4509871	46.35
34	.002042	94633	193	94536	3689041	38.98	34	.000953	97213	93	97166	4412616	45.39
35	.002143	94439	202	94338	3594505	38.06	35	.001030	97120	100	97070	4315449	44.43
36	.002267	94237	214	94130	3500167	37.14	36	.001120	97020	109	96966	4218379	43.48
37	.002414	94023	227	93910	3406037	36.23	37	.001225	96911	119	96852	4121414	42.53
38	.002586	93796	243	93675	3312127	35.31	38	.001345	96793	130	96727	4024561	41.58
39	.002785	93554	261	93423	3218453	34.40	39	.001482	96662	143	96591	3927834	40.63
40	.003018	93293	282	93152	3125029	33.50	40	.001635	96519	158	96440	3831243	39.69
41	.003289	93012	306	92859	3031877	32.60	41	.001805	96361	174	96274	3734803	38.76
42	.003596	92706	333	92539	2939018	31.70	42	.001990	96187	191	96092	3638529	37.83
43	.003942	92372	364	92190	2846479	30.82	43	.002192	95996	210	95891	3542437	36.90
44	.004330	92008	398	91809	2754288	29.94	44	.002413	95786	231	95670	3446546	35.98
45	.004762	91610	436	91392	2662479	29.06	45	.002653	95554	254	95428	3350876	35.07
46	.005244	91174	478	90935	2571088	28.20	46	.002915	95301	278	95162	3255448	34.16
47	.005779	90695	524	90433	2480153	27.35	47	.003196	95023	304	94871	3160287	33.26
48	.006372	90171	575	89884	2389720	26.50	48	.003497	94719	331	94554	3065415	32.36
49	.007023	89597	629	89282	2299836	25.67	49	.003820	94388	361	94208	2970861	31.47
50	.007739	88968	689	88623	2210554	24.85	50	.004175	94028	393	93831	2876654	30.59
51	.008516	88279	752	87903	2121930	24.04	51	.004559	93635	427	93422	2782822	29.72
52	.009342	87527	818	87118	2034027	23.24	52	.004960	93208	462	92977	2689401	28.85
53	.010215	86710	886	86267	1946909	22.45	53	.005375	92746	499	92497	2596424	28.00
54	.011145	85824	957	85346	1860642	21.68	54	.005815	92247	536	91979	2503927	27.14
55	.012175	84867	1033	84351	1775296	20.92	55	.006296	91711	577	91422	2411948	26.30
56	.013302	83834	1115	83276	1690946	20.17	56	.006828	91133	622	90822	2320526	25.46
57	.014483	82719	1198	82120	1607669	19.44	57	.007413	90511	671	90176	2229704	24.63
58	.015711	81521	1281	80880	1525549	18.71	58	.008056	89840	724	89478	2139528	23.81
59	.017019	80240	1366	79557	1444669	18.00	59	.008761	89117	781	88726	2050050	23.00

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1980

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.018426	78874	1453	78148	1365112	17.31	60	.009541	88336	843	87914	1961323	22.20
61	.019998	77421	1548	76647	1286964	16.62	61	.010392	87493	909	87038	1873409	21.41
62	.021808	75873	1655	75046	1210317	15.95	62	.011305	86584	979	86094	1786371	20.63
63	.023898	74218	1774	73331	1135271	15.30	63	.012279	85605	1051	85079	1700276	19.86
64	.026238	72445	1901	71494	1061940	14.66	64	.013329	84554	1127	83990	1615197	19.10
65	.028805	70544	2032	69528	990446	14.04	65	.014513	83427	1211	82821	1531207	18.35
66	.031516	68512	2159	67432	920918	13.44	66	.015821	82216	1301	81566	1448385	17.62
67	.034296	66353	2276	65215	853486	12.86	67	.017198	80915	1392	80219	1366820	16.89
68	.037100	64077	2377	62888	788271	12.30	68	.018633	79524	1482	78783	1286600	16.18
69	.039998	61700	2468	60466	725383	11.76	69	.020175	78042	1574	77255	1207817	15.48
70	.043118	59232	2554	57955	664917	11.23	70	.021939	76467	1678	75629	1130563	14.78
71	.046541	56678	2638	55359	606962	10.71	71	.023953	74790	1791	73894	1054934	14.11
72	.050251	54040	2716	52682	551603	10.21	72	.026159	72998	1910	72044	981040	13.44
73	.054282	51324	2786	49931	498921	9.72	73	.028563	71089	2031	70074	908997	12.79
74	.058648	48538	2847	47115	448989	9.25	74	.031229	69058	2157	67980	838923	12.15
75	.063418	45692	2898	44243	401874	8.80	75	.034272	66902	2293	65755	770943	11.52
76	.068552	42794	2934	41327	357631	8.36	76	.037746	64609	2439	63389	705188	10.91
77	.073958	39860	2948	38386	316304	7.94	77	.041634	62170	2588	60876	641799	10.32
78	.079614	36912	2939	35443	277918	7.53	78	.045968	59582	2739	58212	580923	9.75
79	.085617	33974	2909	32519	242475	7.14	79	.050805	56843	2888	55399	522710	9.20
80	.092044	31065	2859	29635	209955	6.76	80	.056195	53955	3032	52439	467312	8.66
81	.099067	28206	2794	26809	180320	6.39	81	.062212	50923	3168	49339	414873	8.15
82	.106844	25411	2715	24054	153511	6.04	82	.068918	47755	3291	46109	365534	7.65
83	.115472	22696	2621	21386	129458	5.70	83	.076367	44464	3396	42766	319424	7.18
84	.124871	20076	2507	18822	108072	5.38	84	.084564	41068	3473	39332	276658	6.74
85	.134903	17569	2370	16384	89249	5.08	85	.093503	37595	3515	35838	237327	6.31
86	.145456	15199	2211	14093	72866	4.79	86	.103176	34080	3516	32322	201489	5.91
87	.156464	12988	2032	11972	58773	4.53	87	.113587	30564	3472	28828	169167	5.53
88	.167918	10956	1840	10036	46801	4.27	88	.124747	27092	3380	25402	140339	5.18
89	.179853	9116	1640	8296	36765	4.03	89	.136673	23712	3241	22092	114937	4.85
90	.192320	7477	1438	6758	28468	3.81	90	.149384	20472	3058	18943	92845	4.54
91	.205370	6039	1240	5419	21711	3.60	91	.162894	17413	2837	15995	73902	4.24
92	.219052	4798	1051	4273	16292	3.40	92	.177213	14577	2583	13285	57907	3.97
93	.233406	3747	875	3310	12019	3.21	93	.192343	11994	2307	10840	44622	3.72
94	.248462	2873	714	2516	8709	3.03	94	.208283	9687	2018	8678	33781	3.49
95	.263768	2159	569	1874	6194	2.87	95	.224591	7669	1722	6808	25103	3.27
96	.279252	1589	444	1368	4319	2.72	96	.241149	5947	1434	5230	18295	3.08
97	.294835	1146	338	977	2952	2.58	97	.257824	4513	1163	3931	13066	2.90
98	.310432	808	251	682	1975	2.44	98	.274473	3349	919	2890	9135	2.73
99	.325954	557	182	466	1293	2.32	99	.290941	2430	707	2076	6245	2.57
100	.342252	375	129	311	826	2.20	100	.308398	1723	531	1457	4169	2.42
101	.359364	247	89	203	515	2.09	101	.326902	1192	390	997	2711	2.28
102	.377333	158	60	128	312	1.97	102	.346516	802	278	663	1714	2.14
103	.396199	99	39	79	184	1.87	103	.367307	524	193	428	1051	2.01
104	.416009	59	25	47	105	1.77	104	.389345	332	129	267	623	1.88
105	.436810	35	15	27	58	1.67	105	.412706	203	84	161	356	1.76
106	.458650	20	9	15	31	1.57	106	.437468	119	52	93	196	1.65
107	.481582	11	5	8	16	1.48	107	.463716	67	31	51	103	1.54
108	.505662	5	3	4	8	1.40	108	.491539	36	18	27	51	1.43
109	.530945	3	1	2	4	1.31	109	.521031	18	10	13	24	1.33
110	.557492	1	1	1	2	1.23	110	.552293	9	5	6	11	1.24
111	.585366	1	0	0	1	1.16	111	.585366	4	2	3	5	1.16
112	.614635	0	0	0	0	1.08	112	.614635	2	1	1	2	1.08
113	.645366	0	0	0	0	1.01	113	.645366	1	0	0	1	1.01
114	.677635	0	0	0	0	.94	114	.677635	0	0	0	0	.94
115	.711516	0	0	0	0	.88	115	.711516	0	0	0	0	.88
116	.747092	0	0	0	0	.82	116	.747092	0	0	0	0	.82
117	.784447	0	0	0	0	.76	117	.784447	0	0	0	0	.76
118	.823669	0	0	0	0	.70	118	.823669	0	0	0	0	.70
119	.864852	0	0	0	0	.65	119	.864852	0	0	0	0	.65

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1990

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
0	.010188	100000	1019	99134	7157186	71.57	0	.008268	100000	827	99285	7864752	78.65
1	.000736	98981	73	98945	7058052	71.31	1	.000647	99173	64	99141	7765467	78.30
2	.000497	98908	49	98884	6959107	70.36	2	.000422	99109	42	99088	7666327	77.35
3	.000413	98859	41	98839	6860223	69.39	3	.000315	99067	31	99052	7567239	76.38
4	.000322	98818	32	98802	6761384	68.42	4	.000236	99036	23	99024	7468187	75.41
5	.000295	98787	29	98772	6662581	67.44	5	.000213	99013	21	99002	7369162	74.43
6	.000282	98757	28	98743	6563809	66.46	6	.000199	98992	20	98982	7270161	73.44
7	.000270	98730	27	98716	6465066	65.48	7	.000187	98972	19	98963	7171179	72.46
8	.000249	98703	25	98691	6366350	64.50	8	.000173	98953	17	98945	7072216	71.47
9	.000222	98678	22	98667	6267659	63.52	9	.000159	98936	16	98928	6973272	70.48
10	.000200	98656	20	98647	6168992	62.53	10	.000148	98920	15	98913	6874343	69.49
11	.000209	98637	21	98626	6070346	61.54	11	.000149	98906	15	98898	6775430	68.50
12	.000276	98616	27	98602	5971719	60.56	12	.000172	98891	17	98883	6676532	67.51
13	.000416	98589	41	98568	5873117	59.57	13	.000221	98874	22	98863	6577649	66.53
14	.000608	98548	60	98518	5774548	58.60	14	.000289	98852	29	98838	6478786	65.54
15	.000823	98488	81	98447	5676030	57.63	15	.000368	98824	36	98806	6379948	64.56
16	.001026	98407	101	98356	5577583	56.68	16	.000441	98787	44	98766	6281142	63.58
17	.001203	98306	118	98247	5479226	55.74	17	.000495	98744	49	98719	6182377	62.61
18	.001336	98188	131	98122	5380979	54.80	18	.000520	98695	51	98669	6083658	61.64
19	.001435	98056	141	97986	5282857	53.88	19	.000524	98644	52	98618	5984989	60.67
20	.001533	97916	150	97841	5184871	52.95	20	.000524	98592	52	98566	5886371	59.70
21	.001634	97766	160	97686	5087031	52.03	21	.000530	98540	52	98514	5787805	58.74
22	.001708	97606	167	97523	4989344	51.12	22	.000539	98488	53	98461	5689291	57.77
23	.001747	97439	170	97354	4891822	50.20	23	.000554	98435	55	98408	5590829	56.80
24	.001764	97269	172	97183	4794468	49.29	24	.000574	98380	56	98352	5492422	55.83
25	.001767	97097	172	97012	4697285	48.38	25	.000594	98324	58	98295	5394070	54.86
26	.001778	96926	172	96840	4600274	47.46	26	.000615	98265	60	98235	5295776	53.89
27	.001816	96753	176	96666	4503434	46.55	27	.000641	98205	63	98174	5197540	52.93
28	.001894	96578	183	96486	4406769	45.63	28	.000674	98142	66	98109	5099367	51.96
29	.002001	96395	193	96298	4310282	44.71	29	.000714	98076	70	98041	5001258	50.99
30	.002118	96202	204	96100	4213984	43.80	30	.000758	98006	74	97969	4903217	50.03
31	.002230	95998	214	95891	4117883	42.90	31	.000806	97932	79	97892	4805248	49.07
32	.002338	95784	224	95672	4021992	41.99	32	.000855	97853	84	97811	4707356	48.11
33	.002438	95560	233	95444	3926320	41.09	33	.000903	97769	88	97725	4609545	47.15
34	.002532	95327	241	95206	3830876	40.19	34	.000952	97681	93	97634	4511819	46.19
35	.002638	95086	251	94960	3735670	39.29	35	.001009	97588	98	97539	4414185	45.23
36	.002755	94835	261	94704	3640709	38.39	36	.001075	97489	105	97437	4316647	44.28
37	.002864	94574	271	94438	3546005	37.49	37	.001146	97385	112	97329	4219209	43.33
38	.002964	94303	280	94163	3451567	36.60	38	.001222	97273	119	97213	4121881	42.37
39	.003062	94023	288	93879	3357404	35.71	39	.001305	97154	127	97091	4024667	41.43
40	.003177	93735	298	93587	3263524	34.82	40	.001402	97027	136	96959	3927576	40.48
41	.003319	93438	310	93283	3169938	33.93	41	.001514	96891	147	96818	3830617	39.54
42	.003488	93128	325	92965	3076655	33.04	42	.001642	96745	159	96665	3733799	38.59
43	.003687	92803	342	92632	2983690	32.15	43	.001786	96586	173	96499	3637135	37.66
44	.003923	92461	363	92279	2891059	31.27	44	.001950	96413	188	96319	3540635	36.72
45	.004195	92098	386	91905	2798780	30.39	45	.002133	96225	205	96123	3444316	35.79
46	.004510	91711	414	91505	2706875	29.52	46	.002342	96020	225	95907	3348193	34.87
47	.004880	91298	446	91075	2615370	28.65	47	.002582	95795	247	95671	3252286	33.95
48	.005313	90852	483	90611	2524295	27.78	48	.002858	95548	273	95411	3156614	33.04
49	.005808	90370	525	90107	2433684	26.93	49	.003168	95275	302	95124	3061203	32.13
50	.006367	89845	572	89559	2343577	26.08	50	.003516	94973	334	94806	2966080	31.23
51	.006984	89273	623	88961	2254018	25.25	51	.003895	94639	369	94455	2871274	30.34
52	.007655	88649	679	88310	2165057	24.42	52	.004292	94270	405	94068	2776819	29.46
53	.008379	87971	737	87602	2076747	23.61	53	.004701	93866	441	93645	2682751	28.58
54	.009165	87234	799	86834	1989145	22.80	54	.005134	93424	480	93185	2589106	27.71
55	.010044	86434	868	86000	1902311	22.01	55	.005608	92945	521	92684	2495922	26.85
56	.011015	85566	943	85095	1816311	21.23	56	.006139	92423	567	92140	2403238	26.00
57	.012051	84623	1020	84113	1731217	20.46	57	.006733	91856	618	91547	2311098	25.16
58	.013148	83604	1099	83054	1647103	19.70	58	.007397	91238	675	90900	2219551	24.33
59	.014330	82504	1182	81913	1564049	18.96	59	.008132	90563	736	90195	2128651	23.50

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 1990

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.015616	81322	1270	80687	1482136	18.23	60	.008940	89826	803	89425	2038456	22.69
61	.017049	80052	1365	79370	1401449	17.51	61	.009814	89023	874	88586	1949032	21.89
62	.018668	78687	1469	77953	1322079	16.80	62	.010749	88150	948	87676	1860445	21.11
63	.020501	77218	1583	76427	1244126	16.11	63	.011744	87202	1024	86690	1772769	20.33
64	.022533	75635	1704	74783	1167699	15.44	64	.012809	86178	1104	85626	1686079	19.57
65	.024793	73931	1833	73015	1092916	14.78	65	.013994	85074	1191	84479	1600453	18.81
66	.027212	72098	1962	71117	1019902	14.15	66	.015288	83884	1282	83242	1515975	18.07
67	.029692	70136	2082	69095	948784	13.53	67	.016640	82601	1374	81914	1432732	17.35
68	.032193	68054	2191	66958	879689	12.93	68	.018038	81227	1465	80494	1350818	16.63
69	.034796	65863	2292	64717	812731	12.34	69	.019525	79762	1557	78983	1270324	15.93
70	.037626	63571	2392	62375	748014	11.77	70	.021202	78204	1658	77375	1191341	15.23
71	.040798	61179	2496	59931	685639	11.21	71	.023094	76546	1768	75662	1113966	14.55
72	.044343	58683	2602	57382	625708	10.66	72	.025146	74778	1880	73838	1038304	13.89
73	.048319	56081	2710	54726	568326	10.13	73	.027363	72898	1995	71901	964466	13.23
74	.052719	53371	2814	51964	513600	9.62	74	.029803	70903	2113	69847	892565	12.59
75	.057537	50557	2909	49103	461636	9.13	75	.032604	68790	2243	67669	822719	11.96
76	.062729	47649	2989	46154	412533	8.66	76	.035783	66547	2381	65357	755050	11.35
77	.068269	44660	3049	43135	366378	8.20	77	.039248	64166	2518	62907	689693	10.75
78	.074143	41611	3085	40068	323243	7.77	78	.043002	61648	2651	60322	626786	10.17
79	.080414	38526	3098	36977	283175	7.35	79	.047147	58997	2782	57606	566464	9.60
80	.087188	35428	3089	33883	246198	6.95	80	.051842	56215	2914	54758	508858	9.05
81	.094525	32339	3057	30810	212135	6.57	81	.057193	53301	3048	51777	454100	8.52
82	.102410	29282	2999	27783	181505	6.20	82	.063210	50252	3176	48664	402324	8.01
83	.110868	26283	2914	24826	153722	5.85	83	.069950	47076	3293	45429	353660	7.51
84	.119924	23369	2803	21968	128896	5.52	84	.077462	43783	3392	42087	308230	7.04
85	.129603	20567	2666	19234	106928	5.20	85	.085792	40391	3465	38659	266143	6.59
86	.139926	17901	2505	16649	87694	4.90	86	.094980	36926	3507	35173	227484	6.16
87	.150910	15396	2323	14235	71046	4.61	87	.105062	33419	3511	31663	192311	5.75
88	.162565	13073	2125	12010	56811	4.35	88	.116071	29908	3471	28172	160648	5.37
89	.174899	10948	1915	9990	44801	4.09	89	.128035	26436	3385	24744	132476	5.01
90	.187914	9033	1697	8184	34810	3.85	90	.140976	23052	3250	21427	107732	4.67
91	.201609	7336	1479	6596	26626	3.63	91	.154910	19802	3068	18268	86305	4.36
92	.215978	5857	1265	5224	20030	3.42	92	.169842	16734	2842	15313	68037	4.07
93	.231011	4592	1061	4061	14806	3.22	93	.185775	13892	2581	12602	52723	3.80
94	.246694	3531	871	3095	10745	3.04	94	.202700	11311	2293	10165	40122	3.55
95	.262559	2660	698	2311	7649	2.88	95	.219906	9019	1983	8027	29957	3.32
96	.278505	1962	546	1688	5338	2.72	96	.237204	7035	1669	6201	21930	3.12
97	.294423	1415	417	1207	3650	2.58	97	.254388	5367	1365	4684	15729	2.93
98	.310198	999	310	844	2443	2.45	98	.271234	4001	1085	3459	11045	2.76
99	.325708	689	224	577	1600	2.32	99	.287508	2916	838	2497	7586	2.60
100	.341993	464	159	385	1023	2.20	100	.304758	2078	633	1761	5089	2.45
101	.359093	306	110	251	638	2.09	101	.323044	1444	467	1211	3328	2.30
102	.377047	196	74	159	387	1.98	102	.342426	978	335	810	2117	2.17
103	.395900	122	48	98	228	1.87	103	.362972	643	233	526	1307	2.03
104	.415695	74	31	58	130	1.77	104	.384750	410	158	331	780	1.91
105	.436479	43	19	34	72	1.67	105	.407835	252	103	201	450	1.78
106	.458303	24	11	19	38	1.57	106	.432305	149	65	117	249	1.67
107	.481218	13	6	10	20	1.48	107	.458243	85	39	65	132	1.56
108	.505279	7	3	5	10	1.40	108	.485738	46	22	35	67	1.45
109	.530543	3	2	2	4	1.31	109	.514882	24	12	18	32	1.35
110	.557070	2	1	1	2	1.23	110	.545775	11	6	8	14	1.26
111	.584924	1	0	0	1	1.16	111	.578522	5	3	4	6	1.17
112	.614170	0	0	0	0	1.08	112	.613233	2	1	2	2	1.09
113	.644878	0	0	0	0	1.01	113	.644878	1	1	1	1	1.01
114	.677122	0	0	0	0	.95	114	.677122	0	0	0	0	.95
115	.710978	0	0	0	0	.88	115	.710978	0	0	0	0	.88
116	.746527	0	0	0	0	.82	116	.746527	0	0	0	0	.82
117	.783854	0	0	0	0	.76	117	.783854	0	0	0	0	.76
118	.823046	0	0	0	0	.70	118	.823046	0	0	0	0	.70
119	.864198	0	0	0	0	.65	119	.864198	0	0	0	0	.65

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2000

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.007229	100000	723	99385	7259464	72.59	0	.005946	100000	595	99486	7968376	79.68
1	.000582	99277	58	99248	7160079	72.12	1	.000505	99405	50	99380	7868890	79.16
2	.000393	99219	39	99200	7060831	71.16	2	.000329	99355	33	99339	7769509	78.20
3	.000327	99180	32	99164	6961631	70.19	3	.000246	99323	24	99310	7670171	77.22
4	.000255	99148	25	99135	6862467	69.21	4	.000184	99298	18	99289	7570860	76.24
5	.000224	99123	22	99112	6763331	68.23	5	.000167	99280	17	99272	7471571	75.26
6	.000208	99100	21	99090	6664220	67.25	6	.000156	99263	15	99255	7372299	74.27
7	.000196	99080	19	99070	6565130	66.26	7	.000148	99248	15	99240	7273044	73.28
8	.000180	99060	18	99051	6466060	65.27	8	.000138	99233	14	99226	7173803	72.29
9	.000163	99043	16	99034	6367008	64.29	9	.000126	99219	13	99213	7074578	71.30
10	.000154	99026	15	99019	6267974	63.30	10	.000118	99207	12	99201	6975365	70.31
11	.000170	99011	17	99003	6168955	62.31	11	.000119	99195	12	99189	6876163	69.32
12	.000233	98994	23	98983	6069953	61.32	12	.000141	99183	14	99176	6776974	68.33
13	.000354	98971	35	98954	5970969	60.33	13	.000187	99169	19	99160	6677797	67.34
14	.000518	98936	51	98911	5872015	59.35	14	.000250	99151	25	99138	6578638	66.35
15	.000704	98885	70	98850	5773105	58.38	15	.000323	99126	32	99110	6479499	65.37
16	.000884	98815	87	98772	5674255	57.42	16	.000390	99094	39	99075	6380389	64.39
17	.001035	98728	102	98677	5575483	56.47	17	.000441	99055	44	99034	6281314	63.41
18	.001143	98626	113	98569	5476807	55.53	18	.000466	99012	46	98989	6182281	62.44
19	.001218	98513	120	98453	5378237	54.59	19	.000472	98966	47	98942	6083292	61.47
20	.001288	98393	127	98330	5279784	53.66	20	.000475	98919	47	98895	5984350	60.50
21	.001370	98266	135	98199	5181455	52.73	21	.000485	98872	48	98848	5885455	59.53
22	.001460	98132	143	98060	5083255	51.80	22	.000497	98824	49	98799	5786607	58.55
23	.001561	97988	153	97912	4985195	50.88	23	.000514	98775	51	98749	5687807	57.58
24	.001673	97836	164	97754	4887283	49.95	24	.000535	98724	53	98698	5589058	56.61
25	.001785	97672	174	97585	4789530	49.04	25	.000555	98671	55	98644	5490361	55.64
26	.001895	97498	185	97405	4691946	48.12	26	.000577	98616	57	98588	5391717	54.67
27	.002009	97313	196	97215	4594540	47.21	27	.000612	98560	60	98529	5293128	53.70
28	.002129	97117	207	97014	4497325	46.31	28	.000664	98499	65	98467	5194599	52.74
29	.002251	96910	218	96801	4400311	45.41	29	.000729	98434	72	98398	5096133	51.77
30	.002380	96692	230	96577	4303510	44.51	30	.000802	98362	79	98323	4997734	50.81
31	.002510	96462	242	96341	4206932	43.61	31	.000871	98283	86	98240	4899412	49.85
32	.002631	96220	253	96094	4110591	42.72	32	.000930	98198	91	98152	4801171	48.89
33	.002740	95967	263	95835	4014498	41.83	33	.000971	98106	95	98059	4703019	47.94
34	.002843	95704	272	95568	3918662	40.95	34	.001001	98011	98	97962	4604961	46.98
35	.002937	95432	280	95292	3823094	40.06	35	.001034	97913	101	97862	4506999	46.03
36	.003039	95152	289	95007	3727803	39.18	36	.001076	97812	105	97759	4409136	45.08
37	.003174	94862	301	94712	3632795	38.30	37	.001118	97706	109	97652	4311377	44.13
38	.003352	94561	317	94403	3538083	37.42	38	.001163	97597	114	97540	4213725	43.17
39	.003559	94244	335	94077	3443681	36.54	39	.001213	97484	118	97425	4116185	42.22
40	.003806	93909	357	93730	3349604	35.67	40	.001274	97365	124	97303	4018761	41.28
41	.004041	93552	378	93363	3255874	34.80	41	.001349	97241	131	97176	3921457	40.33
42	.004192	93174	391	92978	3162511	33.94	42	.001438	97110	140	97040	3824282	39.38
43	.004225	92783	392	92587	3069533	33.08	43	.001543	96971	150	96896	3727241	38.44
44	.004188	92391	387	92197	2976946	32.22	44	.001668	96821	161	96740	3630346	37.50
45	.004137	92004	381	91814	2884749	31.35	45	.001812	96659	175	96572	3533606	36.56
46	.004160	91623	381	91433	2792935	30.48	46	.001981	96484	191	96389	3437034	35.62
47	.004313	91242	394	91045	2701502	29.61	47	.002185	96293	210	96188	3340645	34.69
48	.004643	90849	422	90638	2610457	28.73	48	.002431	96083	234	95966	3244457	33.77
49	.005116	90427	463	90196	2519819	27.87	49	.002715	95849	260	95719	3148491	32.85
50	.005670	89964	510	89709	2429623	27.01	50	.003041	95589	291	95444	3052772	31.94
51	.006247	89454	559	89175	2339914	26.16	51	.003398	95298	324	95136	2957329	31.03
52	.006844	88895	608	88591	2250739	25.32	52	.003767	94974	358	94796	2862192	30.14
53	.007442	88287	657	87958	2162148	24.49	53	.004143	94617	392	94421	2767397	29.25
54	.008062	87630	706	87277	2074190	23.67	54	.004539	94225	428	94011	2672976	28.37
55	.008773	86923	763	86542	1986913	22.86	55	.004978	93797	467	93563	2578965	27.50
56	.009584	86161	826	85748	1900371	22.06	56	.005479	93330	511	93074	2485402	26.63
57	.010438	85335	891	84890	1814623	21.26	57	.006052	92819	562	92538	2392327	25.77
58	.011330	84444	957	83966	1729733	20.48	58	.006705	92257	619	91948	2299790	24.93
59	.012293	83488	1026	82974	1645767	19.71	59	.007440	91638	682	91297	2207842	24.09

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2000

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.013347	82461	1101	81911	1562793	18.95	60	.008237	90957	749	90582	2116544	23.27
61	.014560	81361	1185	80768	1480882	18.20	61	.009102	90207	821	89797	2025962	22.46
62	.016006	80176	1283	79534	1400113	17.46	62	.010058	89386	899	88937	1936166	21.66
63	.017729	78893	1399	78193	1320579	16.74	63	.011113	88487	983	87996	1847229	20.88
64	.019698	77494	1526	76731	1242385	16.03	64	.012260	87504	1073	86967	1759233	20.10
65	.021914	75968	1665	75135	1165654	15.34	65	.013524	86431	1169	85847	1672266	19.35
66	.024277	74303	1804	73401	1090519	14.68	66	.014864	85262	1267	84629	1586419	18.61
67	.026676	72499	1934	71532	1017118	14.03	67	.016213	83995	1362	83314	1501791	17.88
68	.029055	70565	2050	69540	945586	13.40	68	.017543	82633	1450	81908	1418477	17.17
69	.031509	68515	2159	67435	876046	12.79	69	.018902	81183	1535	80416	1336569	16.46
70	.034182	66356	2268	65222	808611	12.19	70	.020420	79649	1626	78836	1256152	15.77
71	.037212	64088	2385	62895	743389	11.60	71	.022124	78022	1726	77159	1177317	15.09
72	.040641	61703	2508	60449	680494	11.03	72	.023931	76296	1826	75383	1100157	14.42
73	.044534	59195	2636	57877	620045	10.47	73	.025844	74470	1925	73508	1024774	13.76
74	.048876	56559	2764	55177	562167	9.94	74	.027924	72546	2026	71533	951266	13.11
75	.053644	53795	2886	52352	506991	9.42	75	.030335	70520	2139	69450	879733	12.47
76	.058778	50909	2992	49413	454639	8.93	76	.033097	68381	2263	67249	810283	11.85
77	.064244	47917	3078	46377	405226	8.46	77	.036100	66118	2387	64924	743033	11.24
78	.070023	44838	3140	43268	358849	8.00	78	.039348	63731	2508	62477	678109	10.64
79	.076181	41699	3177	40110	315580	7.57	79	.042952	61223	2630	59908	615632	10.06
80	.082839	38522	3191	36926	275470	7.15	80	.047118	58593	2761	57213	555724	9.48
81	.090065	35331	3182	33740	238544	6.75	81	.051946	55833	2900	54382	498511	8.93
82	.097847	32149	3146	30576	204804	6.37	82	.057407	52932	3039	51413	444128	8.39
83	.106214	29003	3081	27463	174228	6.01	83	.063553	49894	3171	48308	392715	7.87
84	.115188	25923	2986	24430	146765	5.66	84	.070471	46723	3293	45076	344407	7.37
85	.124787	22937	2862	21505	122336	5.33	85	.078252	43430	3398	41731	299331	6.89
86	.135025	20074	2711	18719	100830	5.02	86	.086980	40032	3482	38291	257600	6.43
87	.145915	17364	2534	16097	82111	4.73	87	.096723	36550	3535	34782	219309	6.00
88	.157470	14830	2335	13663	66014	4.45	88	.107526	33015	3550	31240	184527	5.59
89	.169697	12495	2120	11435	52352	4.19	89	.119422	29465	3519	27705	153287	5.20
90	.182603	10375	1894	9427	40917	3.94	90	.132428	25946	3436	24228	125582	4.84
91	.196189	8480	1664	7648	31490	3.71	91	.146555	22510	3299	20860	101354	4.50
92	.210453	6816	1435	6099	23841	3.50	92	.161803	19211	3108	17657	80494	4.19
93	.225389	5382	1213	4775	17742	3.30	93	.178163	16103	2869	14668	62837	3.90
94	.240985	4169	1005	3667	12967	3.11	94	.195621	13234	2589	11939	48169	3.64
95	.256735	3164	812	2758	9300	2.94	95	.213303	10645	2271	9510	36230	3.40
96	.272529	2352	641	2031	6542	2.78	96	.230963	8374	1934	7407	26720	3.19
97	.288248	1711	493	1464	4511	2.64	97	.248331	6440	1599	5641	19313	3.00
98	.303767	1218	370	1033	3046	2.50	98	.265118	4841	1283	4199	13672	2.82
99	.318955	848	270	713	2014	2.38	99	.281025	3557	1000	3058	9473	2.66
100	.334903	577	193	481	1301	2.25	100	.297886	2558	762	2177	6415	2.51
101	.351648	384	135	317	820	2.14	101	.315759	1796	567	1512	4239	2.36
102	.369230	249	92	203	504	2.02	102	.334705	1229	411	1023	2726	2.22
103	.387692	157	61	127	301	1.92	103	.354787	817	290	672	1703	2.08
104	.407076	96	39	77	174	1.81	104	.376074	527	198	428	1031	1.95
105	.427430	57	24	45	98	1.71	105	.398639	329	131	264	603	1.83
106	.448802	33	15	25	53	1.61	106	.422557	198	84	156	339	1.71
107	.471242	18	8	14	27	1.52	107	.447910	114	51	89	183	1.60
108	.494804	10	5	7	14	1.43	108	.474785	63	30	48	94	1.49
109	.519544	5	2	4	6	1.35	109	.503272	33	17	25	46	1.39
110	.545521	2	1	2	3	1.27	110	.533468	16	9	12	21	1.29
111	.572797	1	1	1	1	1.19	111	.565476	8	4	6	9	1.20
112	.601437	0	0	0	1	1.12	112	.599405	3	2	2	4	1.12
113	.631509	0	0	0	0	1.04	113	.631509	1	1	1	1	1.04
114	.663084	0	0	0	0	.97	114	.663084	0	0	0	0	.97
115	.696238	0	0	0	0	.91	115	.696238	0	0	0	0	.91
116	.731050	0	0	0	0	.85	116	.731050	0	0	0	0	.85
117	.767603	0	0	0	0	.79	117	.767603	0	0	0	0	.79
118	.805983	0	0	0	0	.73	118	.805983	0	0	0	0	.73
119	.846282	0	0	0	0	.67	119	.846282	0	0	0	0	.67

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2010

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.006026	100000	603	99488	7409336	74.09	0	.004912	100000	491	99575	8054095	80.54
1	.000497	99397	49	99373	7309848	73.54	1	.000428	99509	43	99488	7954519	79.94
2	.000336	99348	33	99331	7210476	72.58	2	.000279	99466	28	99452	7855032	78.97
3	.000279	99315	28	99301	7111144	71.60	3	.000209	99438	21	99428	7755579	77.99
4	.000217	99287	22	99276	7011843	70.62	4	.000156	99418	16	99410	7656151	77.01
5	.000189	99265	19	99256	6912567	69.64	5	.000139	99402	14	99395	7556742	76.02
6	.000175	99247	17	99238	6813311	68.65	6	.000130	99388	13	99382	7457346	75.03
7	.000164	99229	16	99221	6714073	67.66	7	.000122	99375	12	99369	7357964	74.04
8	.000150	99213	15	99206	6614852	66.67	8	.000114	99363	11	99358	7258595	73.05
9	.000133	99198	13	99191	6515646	65.68	9	.000104	99352	10	99347	7159237	72.06
10	.000123	99185	12	99179	6416455	64.69	10	.000097	99342	10	99337	7059890	71.07
11	.000137	99173	14	99166	6317276	63.70	11	.000099	99332	10	99327	6960553	70.07
12	.000195	99159	19	99149	6218110	62.71	12	.000121	99322	12	99316	6861226	69.08
13	.000308	99140	31	99124	6118961	61.72	13	.000166	99310	16	99302	6761910	68.09
14	.000461	99109	46	99086	6019836	60.74	14	.000227	99294	23	99282	6662608	67.10
15	.000634	99064	63	99032	5920750	59.77	15	.000298	99271	30	99256	6563326	66.12
16	.000798	99001	79	98961	5821718	58.80	16	.000363	99242	36	99224	6464069	65.13
17	.000937	98922	93	98875	5722757	57.85	17	.000410	99206	41	99185	6364846	64.16
18	.001035	98829	102	98778	5623881	56.91	18	.000431	99165	43	99143	6265661	63.18
19	.001102	98727	109	98672	5525103	55.96	19	.000432	99122	43	99101	6166517	62.21
20	.001165	98618	115	98561	5426431	55.02	20	.000429	99079	43	99058	6067417	61.24
21	.001236	98503	122	98442	5327870	54.09	21	.000431	99037	43	99015	5968358	60.26
22	.001301	98381	128	98317	5229428	53.15	22	.000437	98994	43	98972	5869343	59.29
23	.001362	98253	134	98186	5131111	52.22	23	.000447	98951	44	98929	5770371	58.32
24	.001422	98120	140	98050	5032924	51.29	24	.000463	98907	46	98884	5671442	57.34
25	.001477	97980	145	97908	4934875	50.37	25	.000478	98861	47	98837	5572559	56.37
26	.001532	97835	150	97760	4836967	49.44	26	.000493	98814	49	98789	5473721	55.39
27	.001594	97685	156	97608	4739206	48.52	27	.000517	98765	51	98739	5374932	54.42
28	.001669	97530	163	97448	4641599	47.59	28	.000552	98714	54	98687	5276193	53.45
29	.001751	97367	170	97282	4544150	46.67	29	.000594	98659	59	98630	5177506	52.48
30	.001841	97196	179	97107	4446869	45.75	30	.000643	98601	63	98569	5078876	51.51
31	.001931	97017	187	96924	4349762	44.83	31	.000691	98537	68	98503	4980308	50.54
32	.002011	96830	195	96733	4252838	43.92	32	.000732	98469	72	98433	4881805	49.58
33	.002078	96635	201	96535	4156105	43.01	33	.000765	98397	75	98359	4783372	48.61
34	.002139	96435	206	96331	4059570	42.10	34	.000792	98322	78	98283	4685012	47.65
35	.002193	96228	211	96123	3963239	41.19	35	.000823	98244	81	98204	4586729	46.69
36	.002259	96017	217	95909	3867116	40.28	36	.000861	98163	85	98121	4488525	45.73
37	.002358	95800	226	95687	3771207	39.37	37	.000901	98079	88	98034	4390404	44.76
38	.002503	95574	239	95455	3675520	38.46	38	.000944	97990	93	97944	4292370	43.80
39	.002679	95335	255	95208	3580065	37.55	39	.000992	97898	97	97849	4194426	42.84
40	.002893	95080	275	94942	3484857	36.65	40	.001052	97801	103	97749	4096577	41.89
41	.003100	94805	294	94658	3389915	35.76	41	.001125	97698	110	97643	3998827	40.93
42	.003244	94511	307	94358	3295257	34.87	42	.001209	97588	118	97529	3901185	39.98
43	.003295	94204	310	94049	3200899	33.98	43	.001303	97470	127	97406	3803656	39.02
44	.003293	93894	309	93739	3106851	33.09	44	.001413	97343	138	97274	3706250	38.07
45	.003285	93585	307	93431	3013111	32.20	45	.001540	97205	150	97130	3608976	37.13
46	.003344	93277	312	93121	2919680	31.30	46	.001693	97056	164	96973	3511845	36.18
47	.003513	92965	327	92802	2826559	30.40	47	.001881	96891	182	96800	3414872	35.24
48	.003831	92639	355	92461	2733757	29.51	48	.002112	96709	204	96607	3318071	34.31
49	.004271	92284	394	92087	2641296	28.62	49	.002383	96505	230	96390	3221465	33.38
50	.004783	91890	440	91670	2549209	27.74	50	.002695	96275	259	96145	3125075	32.46
51	.005320	91450	487	91207	2457539	26.87	51	.003037	96015	292	95870	3028930	31.55
52	.005878	90964	535	90696	2366332	26.01	52	.003393	95724	325	95561	2933060	30.64
53	.006441	90429	582	90138	2275636	25.16	53	.003756	95399	358	95220	2837499	29.74
54	.007027	89847	631	89531	2185498	24.32	54	.004140	95041	393	94844	2742279	28.85
55	.007705	89215	687	88872	2095967	23.49	55	.004566	94647	432	94431	2647435	27.97
56	.008473	88528	750	88153	2007096	22.67	56	.005057	94215	476	93977	2553004	27.10
57	.009269	87778	814	87371	1918943	21.86	57	.005619	93739	527	93475	2459027	26.23
58	.010079	86964	877	86526	1831572	21.06	58	.006263	93212	584	92920	2365552	25.38
59	.010946	86088	942	85616	1745046	20.27	59	.006988	92628	647	92304	2272632	24.54



Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2010

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.011894	85145	1013	84639	1659430	19.49	60	.007771	91981	715	91623	2180328	23.70
61	.013004	84133	1094	83586	1574791	18.72	61	.008621	91266	787	90873	2088704	22.89
62	.014360	83039	1192	82442	1491205	17.96	62	.009577	90479	867	90046	1997832	22.08
63	.016015	81846	1311	81191	1408763	17.21	63	.010649	89613	954	89136	1907786	21.29
64	.017931	80535	1444	79813	1327572	16.48	64	.011824	88658	1048	88134	1818650	20.51
65	.020094	79091	1589	78297	1247759	15.78	65	.013111	87610	1149	87036	1730516	19.75
66	.022396	77502	1736	76634	1169463	15.09	66	.014459	86461	1250	85836	1643480	19.01
67	.024724	75766	1873	74830	1092828	14.42	67	.015793	85211	1346	84538	1557644	18.28
68	.027021	73893	1997	72895	1017999	13.78	68	.017081	83866	1433	83149	1473105	17.57
69	.029382	71896	2112	70840	945104	13.15	69	.018372	82433	1514	81676	1389956	16.86
70	.031953	69784	2230	68669	874264	12.53	70	.019803	80919	1602	80117	1308280	16.17
71	.034878	67554	2356	66376	805595	11.93	71	.021402	79316	1698	78467	1228163	15.48
72	.038198	65198	2490	63953	739219	11.34	72	.023079	77619	1791	76723	1149695	14.81
73	.041979	62707	2632	61391	675266	10.77	73	.024830	75827	1883	74886	1072973	14.15
74	.046203	60075	2776	58687	613875	10.22	74	.026720	73944	1976	72957	998087	13.50
75	.050850	57299	2914	55843	555188	9.69	75	.028918	71969	2081	70928	925130	12.85
76	.055851	54386	3037	52867	499345	9.18	76	.031442	69887	2197	68789	854202	12.22
77	.061165	51348	3141	49778	446478	8.70	77	.034182	67690	2314	66533	785413	11.60
78	.066770	48208	3219	46598	396700	8.23	78	.037139	65376	2428	64162	718880	11.00
79	.072738	44989	3272	43353	350102	7.78	79	.040428	62948	2545	61676	654718	10.40
80	.079184	41716	3303	40065	306750	7.35	80	.044262	60403	2674	59067	593042	9.82
81	.086194	38413	3311	36758	266685	6.94	81	.048738	57730	2814	56323	533975	9.25
82	.093778	35102	3292	33456	229927	6.55	82	.053813	54916	2955	53439	477652	8.70
83	.101974	31810	3244	30188	196471	6.18	83	.059537	51961	3094	50414	424214	8.16
84	.110790	28566	3165	26984	166283	5.82	84	.066006	48867	3226	47255	373799	7.65
85	.120220	25402	3054	23875	139299	5.48	85	.073329	45642	3347	43968	326545	7.15
86	.130261	22348	2911	20892	115424	5.16	86	.081604	42295	3451	40569	282576	6.68
87	.140917	19437	2739	18067	94532	4.86	87	.090907	38844	3531	37078	242007	6.23
88	.152195	16698	2541	15427	76465	4.58	88	.101291	35312	3577	33524	204929	5.80
89	.164109	14156	2323	12995	61037	4.31	89	.112788	31736	3579	29946	171405	5.40
90	.176672	11833	2091	10788	48043	4.06	90	.125418	28156	3531	26391	141459	5.02
91	.189893	9743	1850	8818	37255	3.82	91	.139189	24625	3428	22911	115069	4.67
92	.203780	7893	1608	7088	28437	3.60	92	.154102	21197	3267	19564	92158	4.35
93	.218332	6284	1372	5598	21349	3.40	93	.170148	17931	3051	16405	72593	4.05
94	.233548	4912	1147	4339	15750	3.21	94	.187311	14880	2787	13486	56188	3.78
95	.248905	3765	937	3296	11412	3.03	95	.204674	12093	2475	10855	42702	3.53
96	.264291	2828	747	2454	8115	2.87	96	.221974	9618	2135	8550	31847	3.31
97	.279587	2080	582	1790	5661	2.72	97	.238921	7483	1788	6589	23296	3.11
98	.294668	1499	442	1278	3872	2.58	98	.255209	5695	1453	4968	16707	2.93
99	.309401	1057	327	894	2594	2.45	99	.270522	4242	1147	3668	11739	2.77
100	.324871	730	237	611	1700	2.33	100	.286753	3094	887	2651	8071	2.61
101	.341114	493	168	409	1089	2.21	101	.303958	2207	671	1871	5421	2.46
102	.358170	325	116	267	680	2.09	102	.322196	1536	495	1289	3549	2.31
103	.376079	208	78	169	413	1.98	103	.341527	1041	356	863	2261	2.17
104	.394883	130	51	104	244	1.88	104	.362019	686	248	561	1397	2.04
105	.414627	79	33	62	140	1.77	105	.383740	437	168	353	836	1.91
106	.435358	46	20	36	77	1.67	106	.406765	270	110	215	482	1.79
107	.457126	26	12	20	41	1.58	107	.431170	160	69	125	268	1.67
108	.479982	14	7	11	21	1.49	108	.457041	91	42	70	142	1.56
109	.503981	7	4	5	10	1.40	109	.484463	49	24	37	72	1.46
110	.529180	4	2	3	5	1.32	110	.513531	25	13	19	35	1.36
111	.555639	2	1	1	2	1.24	111	.544343	12	7	9	16	1.26
112	.583421	1	0	1	1	1.16	112	.577003	6	3	4	7	1.17
113	.612592	0	0	0	0	1.09	113	.611623	2	1	2	3	1.09
114	.643222	0	0	0	0	1.02	114	.643222	1	1	1	1	1.02
115	.675383	0	0	0	0	.95	115	.675383	0	0	0	0	.95
116	.709152	0	0	0	0	.88	116	.709152	0	0	0	0	.88
117	.744610	0	0	0	0	.82	117	.744610	0	0	0	0	.82
118	.781840	0	0	0	0	.76	118	.781840	0	0	0	0	.76
119	.820932	0	0	0	0	.71	119	.820932	0	0	0	0	.71

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2020

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.005511	100000	551	99532	7477727	74.78	0	.004469	100000	447	99614	8118589	81.19
1	.000466	99449	46	99426	7378195	74.19	1	.000403	99553	40	99533	8018975	80.55
2	.000315	99403	31	99387	7278770	73.23	2	.000263	99513	26	99500	7919442	79.58
3	.000262	99371	26	99358	7179383	72.25	3	.000196	99487	19	99477	7819942	78.60
4	.000204	99345	20	99335	7080025	71.27	4	.000147	99467	15	99460	7720466	77.62
5	.000178	99325	18	99316	6980690	70.28	5	.000132	99453	13	99446	7621005	76.63
6	.000165	99307	16	99299	6881373	69.29	6	.000124	99440	12	99433	7521560	75.64
7	.000155	99291	15	99283	6782075	68.31	7	.000117	99427	12	99421	7422126	74.65
8	.000141	99275	14	99268	6682792	67.32	8	.000109	99416	11	99410	7322705	73.66
9	.000124	99261	12	99255	6583523	66.33	9	.000099	99405	10	99400	7223294	72.67
10	.000113	99249	11	99244	6484267	65.33	10	.000091	99395	9	99390	7123894	71.67
11	.000126	99238	13	99232	6385024	64.34	11	.000093	99386	9	99381	7024504	70.68
12	.000182	99225	18	99216	6285793	63.35	12	.000113	99377	11	99371	6925123	69.69
13	.000292	99207	29	99193	6186576	62.36	13	.000157	99365	16	99358	6825752	68.69
14	.000440	99178	44	99157	6087383	61.38	14	.000216	99350	21	99339	6726394	67.70
15	.000609	99135	60	99105	5988226	60.40	15	.000284	99328	28	99314	6627055	66.72
16	.000768	99074	76	99036	5889122	59.44	16	.000347	99300	34	99283	6527742	65.74
17	.000903	98998	89	98954	5790085	58.49	17	.000393	99266	39	99246	6428458	64.76
18	.000998	98909	99	98860	5691132	57.54	18	.000413	99227	41	99206	6329212	63.79
19	.001063	98810	105	98758	5592272	56.60	19	.000413	99186	41	99165	6230007	62.81
20	.001123	98705	111	98650	5493515	55.66	20	.000410	99145	41	99124	6130841	61.84
21	.001191	98594	117	98536	5394865	54.72	21	.000413	99104	41	99084	6031717	60.86
22	.001254	98477	123	98415	5296330	53.78	22	.000418	99063	41	99042	5932633	59.89
23	.001315	98353	129	98289	5197915	52.85	23	.000428	99022	42	99001	5833591	58.91
24	.001374	98224	135	98157	5099627	51.92	24	.000443	98979	44	98957	5734591	57.94
25	.001429	98089	140	98019	5001470	50.99	25	.000456	98935	45	98913	5635633	56.96
26	.001483	97949	145	97876	4903451	50.06	26	.000471	98890	47	98867	5536720	55.99
27	.001545	97804	151	97728	4805574	49.13	27	.000494	98844	49	98819	5437853	55.01
28	.001616	97653	158	97574	4707846	48.21	28	.000528	98795	52	98769	5339034	54.04
29	.001694	97495	165	97412	4610273	47.29	29	.000570	98743	56	98715	5240265	53.07
30	.001779	97330	173	97243	4512861	46.37	30	.000618	98687	61	98656	5141550	52.10
31	.001864	97156	181	97066	4415618	45.45	31	.000665	98626	66	98593	5042894	51.13
32	.001939	96975	188	96881	4318552	44.53	32	.000706	98560	70	98525	4944301	50.17
33	.002000	96787	194	96691	4221671	43.62	33	.000737	98490	73	98454	4845776	49.20
34	.002054	96594	198	96495	4124980	42.70	34	.000762	98418	75	98380	4747322	48.24
35	.002101	96395	203	96294	4028486	41.79	35	.000790	98343	78	98304	4648942	47.27
36	.002160	96193	208	96089	3932192	40.88	36	.000825	98265	81	98225	4550637	46.31
37	.002253	95985	216	95877	3836102	39.97	37	.000863	98184	85	98142	4452413	45.35
38	.002394	95769	229	95654	3740226	39.05	38	.000903	98099	89	98055	4354272	44.39
39	.002568	95540	245	95417	3644571	38.15	39	.000948	98011	93	97964	4256216	43.43
40	.002778	95294	265	95162	3549155	37.24	40	.001005	97918	98	97869	4158252	42.47
41	.002980	95029	283	94888	3453993	36.35	41	.001073	97819	105	97767	4060384	41.51
42	.003116	94746	295	94599	3359105	35.45	42	.001152	97714	113	97658	3962617	40.55
43	.003158	94451	298	94302	3264506	34.56	43	.001240	97602	121	97541	3864958	39.60
44	.003144	94153	296	94005	3170204	33.67	44	.001344	97481	131	97415	3767417	38.65
45	.003122	93857	293	93710	3076199	32.78	45	.001463	97350	142	97279	3670002	37.70
46	.003164	93564	296	93416	2982489	31.88	46	.001608	97207	156	97129	3572723	36.75
47	.003314	93268	309	93113	2889073	30.98	47	.001786	97051	173	96964	3475594	35.81
48	.003609	92959	335	92791	2795961	30.08	48	.002003	96878	194	96781	3378630	34.88
49	.004023	92623	373	92437	2703170	29.18	49	.002258	96684	218	96575	3281849	33.94
50	.004506	92250	416	92043	2610733	28.30	50	.002552	96465	246	96342	3185274	33.02
51	.005010	91835	460	91605	2518690	27.43	51	.002875	96219	277	96081	3088932	32.10
52	.005534	91375	506	91122	2427086	26.56	52	.003212	95943	308	95788	2992851	31.19
53	.006063	90869	551	90594	2335964	25.71	53	.003556	95634	340	95464	2897063	30.29
54	.006612	90318	597	90020	2245370	24.86	54	.003922	95294	374	95107	2801598	29.40
55	.007251	89721	651	89396	2155351	24.02	55	.004330	94921	411	94715	2706491	28.51
56	.007974	89070	710	88715	2065955	23.19	56	.004799	94510	454	94283	2611775	27.64
57	.008719	88360	770	87975	1977240	22.38	57	.005332	94056	502	93805	2517493	26.77
58	.009471	87590	830	87175	1889265	21.57	58	.005939	93555	556	93277	2423688	25.91
59	.010273	86760	891	86314	1802090	20.77	59	.006622	92999	616	92691	2330411	25.06

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2020

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.011148	85869	957	85390	1715775	19.98	60	.007356	92383	680	92043	2237720	24.22
61	.012181	84912	1034	84394	1630385	19.20	61	.008156	91704	748	91330	2145676	23.40
62	.013463	83877	1129	83313	1545991	18.43	62	.009066	90956	825	90543	2054347	22.59
63	.015047	82748	1245	82125	1462678	17.68	63	.010101	90131	910	89676	1963804	21.79
64	.016893	81503	1377	80815	1380553	16.94	64	.011241	89221	1003	88719	1874128	21.01
65	.018979	80126	1521	79366	1299738	16.22	65	.012489	88218	1102	87667	1785409	20.24
66	.021189	78605	1666	77773	1220373	15.53	66	.013789	87116	1201	86515	1697742	19.49
67	.023415	76940	1802	76039	1142600	14.85	67	.015070	85915	1295	85267	1611227	18.75
68	.025595	75138	1923	74177	1066561	14.19	68	.016296	84620	1379	83930	1525960	18.03
69	.027823	73215	2037	72197	992384	13.55	69	.017515	83241	1458	82512	1442029	17.32
70	.030247	71178	2153	70102	920188	12.93	70	.018862	81783	1543	81012	1359517	16.62
71	.033007	69025	2278	67886	850086	12.32	71	.020365	80240	1634	79423	1278506	15.93
72	.036142	66747	2412	65541	782200	11.72	72	.021937	78606	1724	77744	1199082	15.25
73	.039717	64334	2555	63057	716660	11.14	73	.023575	76882	1812	75976	1121338	14.59
74	.043712	61779	2700	60429	653603	10.58	74	.025341	75069	1902	74118	1045362	13.93
75	.048111	59079	2842	57658	593174	10.04	75	.027393	73167	2004	72165	971244	13.27
76	.052843	56236	2972	54751	535516	9.52	76	.029746	71163	2117	70104	899079	12.63
77	.057861	53265	3082	51724	480765	9.03	77	.032296	69046	2230	67931	828975	12.01
78	.063138	50183	3168	48599	429042	8.55	78	.035040	66816	2341	65645	761044	11.39
79	.068751	47014	3232	45398	380443	8.09	79	.038090	64475	2456	63247	695398	10.79
80	.074804	43782	3275	42145	335045	7.65	80	.041641	62019	2583	60728	632151	10.19
81	.081402	40507	3297	38858	292900	7.23	81	.045795	59436	2722	58076	571424	9.61
82	.088583	37210	3296	35562	254042	6.83	82	.050529	56715	2866	55282	513348	9.05
83	.096396	33913	3269	32279	218481	6.44	83	.055898	53849	3010	52344	458066	8.51
84	.104830	30644	3212	29038	186202	6.08	84	.061982	50839	3151	49263	405723	7.98
85	.113852	27432	3123	25870	157163	5.73	85	.068868	47688	3284	46046	356459	7.47
86	.123434	24309	3001	22808	131293	5.40	86	.076634	44404	3403	42702	310414	6.99
87	.133565	21308	2846	19885	108485	5.09	87	.085344	41001	3499	39251	267712	6.53
88	.144249	18462	2663	17131	88599	4.80	88	.095049	37502	3564	35719	228460	6.09
89	.155507	15799	2457	14571	71469	4.52	89	.105783	33937	3590	32142	192741	5.68
90	.167359	13342	2233	12226	56898	4.26	90	.117572	30347	3568	28563	160599	5.29
91	.179826	11109	1998	10110	44673	4.02	91	.130434	26779	3493	25033	132036	4.93
92	.192927	9112	1758	8233	34562	3.79	92	.144376	23286	3362	21605	107003	4.60
93	.206673	7354	1520	6594	26330	3.58	93	.159402	19924	3176	18336	85398	4.29
94	.221071	5834	1290	5189	19736	3.38	94	.175505	16748	2939	15279	67062	4.00
95	.235603	4544	1071	4009	14547	3.20	95	.191795	13809	2648	12485	51783	3.75
96	.250163	3474	869	3039	10538	3.03	96	.208023	11160	2322	10000	39299	3.52
97	.254639	2605	689	2260	7499	2.88	97	.223918	8839	1979	7849	29299	3.31
98	.278911	1915	534	1648	5239	2.74	98	.239190	6860	1641	6039	21450	3.13
99	.292857	1381	404	1179	3591	2.60	99	.253541	5219	1323	4557	15410	2.95
100	.307500	977	300	826	2412	2.47	100	.268754	3896	1047	3372	10853	2.79
101	.322875	676	218	567	1585	2.34	101	.284879	2849	812	2443	7481	2.63
102	.339018	458	155	380	1018	2.22	102	.301972	2037	615	1730	5038	2.47
103	.355969	303	108	249	638	2.11	103	.320090	1422	455	1194	3308	2.33
104	.373768	195	73	159	389	2.00	104	.339296	967	328	803	2114	2.19
105	.392456	122	48	98	231	1.89	105	.359653	639	230	524	1311	2.05
106	.412079	74	31	59	132	1.79	106	.381232	409	156	331	787	1.92
107	.432683	44	19	34	74	1.69	107	.404106	253	102	202	456	1.80
108	.454317	25	11	19	39	1.59	108	.428353	151	65	119	254	1.69
109	.477033	13	6	10	20	1.50	109	.454054	86	39	67	136	1.57
110	.500885	7	4	5	10	1.41	110	.481297	47	23	36	69	1.47
111	.525929	4	2	3	5	1.33	111	.510175	24	12	18	33	1.37
112	.552225	2	1	1	2	1.25	112	.540785	12	6	9	15	1.27
113	.579836	1	0	1	1	1.17	113	.573232	5	3	4	6	1.18
114	.608828	0	0	0	0	1.10	114	.607626	2	1	2	3	1.10
115	.639270	0	0	0	0	1.03	115	.639270	1	1	1	1	1.03
116	.671233	0	0	0	0	.96	116	.671233	0	0	0	0	.96
117	.704795	0	0	0	0	.89	117	.704795	0	0	0	0	.89
118	.740034	0	0	0	0	.83	118	.740034	0	0	0	0	.83
119	.777036	0	0	0	0	.77	119	.777036	0	0	0	0	.77

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2030

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.005072	100000	507	99569	7540103	75.40	0	.004093	100000	409	99646	8180461	81.80
1	.000439	99493	44	99471	7440534	74.78	1	.000381	99591	38	99572	8080815	81.14
2	.000297	99449	30	99434	7341063	73.82	2	.000248	99553	25	99540	7981243	80.17
3	.000247	99420	25	99407	7241629	72.84	3	.000186	99528	19	99519	7881703	79.19
4	.000192	99395	19	99385	7142221	71.86	4	.000139	99510	14	99503	7782184	78.21
5	.000169	99376	17	99368	7042835	70.87	5	.000125	99496	12	99490	7682681	77.22
6	.000157	99359	16	99351	6943468	69.88	6	.000118	99483	12	99477	7583191	76.23
7	.000148	99344	15	99336	6844117	68.89	7	.000111	99472	11	99466	7483714	75.23
8	.000134	99329	13	99322	6744781	67.90	8	.000103	99461	10	99455	7384248	74.24
9	.000117	99316	12	99310	6645459	66.91	9	.000093	99450	9	99446	7284793	73.25
10	.000106	99304	11	99299	6546149	65.92	10	.000086	99441	9	99437	7185347	72.26
11	.000117	99293	12	99288	6446851	64.93	11	.000087	99432	9	99428	7085910	71.26
12	.000171	99282	17	99273	6347563	63.93	12	.000107	99424	11	99418	6986483	70.27
13	.000278	99265	28	99251	6248290	62.95	13	.000149	99413	15	99406	6887064	69.28
14	.000424	99237	42	99216	6149038	61.96	14	.000206	99398	20	99388	6787658	68.29
15	.000588	99195	58	99166	6049823	60.99	15	.000272	99378	27	99364	6688270	67.30
16	.000744	99137	74	99100	5950657	60.02	16	.000333	99351	33	99334	6588906	66.32
17	.000875	99063	87	99020	5851557	59.07	17	.000377	99318	37	99299	6489571	65.34
18	.000967	98976	96	98928	5752537	58.12	18	.000396	99280	39	99261	6390272	64.37
19	.001029	98881	102	98830	5653608	57.18	19	.000397	99241	39	99221	6291011	63.39
20	.001087	98779	107	98725	5554779	56.23	20	.000394	99202	39	99182	6191790	62.42
21	.001152	98672	114	98615	5456054	55.30	21	.000396	99163	39	99143	6092608	61.44
22	.001214	98558	120	98498	5357439	54.36	22	.000401	99123	40	99103	5993465	60.46
23	.001274	98438	125	98375	5258941	53.42	23	.000411	99084	41	99063	5894361	59.49
24	.001334	98313	131	98247	5160565	52.49	24	.000425	99043	42	99022	5795299	58.51
25	.001390	98182	136	98113	5062318	51.56	25	.000438	99001	43	98979	5696277	57.54
26	.001445	98045	142	97974	4964205	50.63	26	.000452	98957	45	98935	5597298	56.56
27	.001507	97903	148	97830	4866231	49.70	27	.000474	98913	47	98889	5498363	55.59
28	.001577	97756	154	97679	4768401	48.78	28	.000509	98866	50	98841	5399474	54.61
29	.001654	97602	161	97521	4670722	47.85	29	.000551	98815	54	98788	5300633	53.64
30	.001737	97440	169	97356	4573201	46.93	30	.000599	98761	59	98731	5201846	52.67
31	.001820	97271	177	97183	4475846	46.01	31	.000646	98702	64	98670	5103114	51.70
32	.001894	97094	184	97002	4378663	45.10	32	.000687	98638	68	98604	5004444	50.74
33	.001953	96910	189	96816	4281661	44.18	33	.000716	98570	71	98535	4905840	49.77
34	.002005	96721	194	96624	4184845	43.27	34	.000740	98500	73	98463	4807305	48.81
35	.002049	96527	198	96428	4088222	42.35	35	.000766	98427	75	98389	4708842	47.84
36	.002105	96329	203	96228	3991793	41.44	36	.000799	98351	79	98312	4610453	46.88
37	.002195	96126	211	96021	3895566	40.53	37	.000834	98273	82	98232	4512141	45.91
38	.002332	95915	224	95804	3799545	39.61	38	.000871	98191	86	98148	4413909	44.95
39	.002501	95692	239	95572	3703741	38.70	39	.000914	98105	90	98061	4315761	43.99
40	.002705	95452	258	95323	3608169	37.80	40	.000967	98016	95	97968	4217701	43.03
41	.002901	95194	276	95056	3512846	36.90	41	.001032	97921	101	97870	4119732	42.07
42	.003028	94918	287	94774	3417790	36.01	42	.001105	97820	108	97766	4021862	41.11
43	.003060	94631	290	94486	3323015	35.12	43	.001189	97712	116	97654	3924096	40.16
44	.003035	94341	286	94198	3228529	34.22	44	.001287	97596	126	97533	3826442	39.21
45	.003000	94055	282	93914	3134331	33.32	45	.001400	97470	136	97402	3728909	38.26
46	.003027	93773	284	93631	3040418	32.42	46	.001536	97333	150	97259	3631508	37.31
47	.003159	93489	295	93341	2946787	31.52	47	.001705	97184	166	97101	3534249	36.37
48	.003434	93193	320	93033	2853446	30.62	48	.001910	97018	185	96926	3437148	35.43
49	.003824	92873	355	92696	2760412	29.72	49	.002151	96833	208	96729	3340222	34.49
50	.004279	92518	396	92320	2667717	28.83	50	.002430	96625	235	96507	3243494	33.57
51	.004754	92122	438	91903	2575396	27.96	51	.002735	96390	264	96258	3146987	32.65
52	.005248	91684	481	91444	2483493	27.09	52	.003055	96126	294	95979	3050728	31.74
53	.005745	91203	524	90941	2392049	26.23	53	.003382	95833	324	95671	2954749	30.83
54	.006262	90679	568	90395	2301108	25.38	54	.003729	95508	356	95330	2859078	29.94
55	.006865	90111	619	89802	2210712	24.53	55	.004119	95152	392	94956	2763748	29.05
56	.007549	89493	676	89155	2120910	23.70	56	.004565	94760	433	94544	2668792	28.16
57	.008247	88817	732	88451	2031755	22.88	57	.005070	94328	478	94089	2574247	27.29
58	.008946	88085	788	87691	1943304	22.06	58	.005642	93850	529	93585	2480158	26.43
59	.009689	87297	846	86874	1855613	21.26	59	.006283	93320	586	93027	2386574	25.57

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2030

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.010496	86451	907	85997	1768739	20.46	60	.006971	92734	646	92411	2293547	24.73
61	.011459	85544	980	85053	1682742	19.67	61	.007725	92087	711	91732	2201136	23.90
62	.012671	84563	1072	84028	1597689	18.89	62	.008592	91376	785	90983	2109405	23.08
63	.014190	83492	1185	82899	1513661	18.13	63	.009590	90591	869	90156	2018421	22.28
64	.015970	82307	1314	81650	1430761	17.38	64	.010696	89722	960	89242	1928265	21.49
65	.017982	80993	1456	80264	1349112	16.66	65	.011908	88762	1057	88234	1839022	20.72
66	.020107	79536	1599	78737	1268847	15.95	66	.013164	87705	1155	87128	1750788	19.96
67	.022237	77937	1733	77070	1190111	15.27	67	.014394	86551	1246	85928	1663660	19.22
68	.024307	76204	1852	75278	1113040	14.61	68	.015563	85305	1328	84641	1577732	18.50
69	.026413	74352	1964	73370	1037762	13.96	69	.016717	83977	1404	83276	1493091	17.78
70	.028699	72388	2077	71349	964393	13.32	70	.017987	82574	1485	81831	1409816	17.07
71	.031305	70310	2201	69210	893043	12.70	71	.019403	81088	1573	80302	1327984	16.38
72	.034268	68109	2334	66942	823834	12.10	72	.020881	79515	1660	78685	1247683	15.69
73	.037652	65775	2477	64537	756891	11.51	73	.022419	77855	1745	76982	1168998	15.02
74	.041436	63299	2623	61987	692354	10.94	74	.024073	76109	1832	75193	1092016	14.35
75	.045606	60676	2767	59292	630367	10.39	75	.025995	74277	1931	73312	1016823	13.69
76	.050088	57909	2901	56458	571075	9.86	76	.028196	72346	2040	71326	943511	13.04
77	.054832	55008	3016	53500	514616	9.36	77	.030576	70306	2150	69231	872185	12.41
78	.059812	51992	3110	50437	461116	8.87	78	.033131	68157	2258	67028	802954	11.78
79	.065103	48882	3182	47291	410679	8.40	79	.035968	65899	2370	64713	735926	11.17
80	.070801	45700	3236	44082	363388	7.95	80	.039266	63528	2495	62281	671213	10.57
81	.077023	42464	3271	40829	319306	7.52	81	.043132	61034	2633	59718	608931	9.98
82	.083830	39194	3286	37551	278477	7.11	82	.047559	58401	2778	57013	549214	9.40
83	.091282	35908	3278	34269	240927	6.71	83	.052606	55624	2926	54161	492201	8.85
84	.099350	32630	3242	31009	206658	6.33	84	.058340	52698	3074	51160	438041	8.31
85	.107979	29388	3173	27802	175648	5.98	85	.064825	49623	3217	48015	386880	7.80
86	.117124	26215	3070	24680	147847	5.64	86	.072126	46406	3347	44733	338865	7.30
87	.126761	23145	2934	21678	123167	5.32	87	.080294	43059	3457	41331	294132	6.83
88	.136892	20211	2767	18827	101489	5.02	88	.089377	39602	3540	37832	252802	6.38
89	.147541	17444	2574	16157	82662	4.74	89	.099412	36062	3585	34270	214970	5.96
90	.158736	14870	2360	13690	66504	4.47	90	.110429	32477	3586	30684	180700	5.56
91	.170506	12510	2133	11443	52814	4.22	91	.122452	28891	3538	27122	150016	5.19
92	.182878	10377	1898	9428	41371	3.99	92	.135498	25353	3435	23636	122894	4.85
93	.195873	8479	1661	7649	31943	3.77	93	.149576	21918	3278	20279	99258	4.53
94	.209506	6818	1428	6104	24294	3.56	94	.164690	18639	3070	17105	78979	4.24
95	.223267	5390	1203	4788	18190	3.37	95	.179979	15570	2802	14169	61875	3.97
96	.237056	4186	992	3690	13402	3.20	96	.195210	12768	2492	11521	47706	3.74
97	.250767	3194	801	2794	9712	3.04	97	.210128	10275	2159	9196	36185	3.52
98	.264288	2393	632	2077	6918	2.89	98	.224461	8116	1822	7205	26989	3.33
99	.277503	1761	489	1516	4841	2.75	99	.237928	6294	1498	5546	19784	3.14
100	.291378	1272	371	1087	3325	2.61	100	.252204	4797	1210	4192	14238	2.97
101	.305947	901	276	764	2238	2.48	101	.267336	3587	959	3108	10046	2.80
102	.321244	626	201	525	1475	2.36	102	.283376	2628	745	2256	6939	2.64
103	.337306	425	143	353	949	2.24	103	.300379	1883	566	1600	4683	2.49
104	.354172	281	100	232	596	2.12	104	.318402	1318	420	1108	3083	2.34
105	.371880	182	68	148	365	2.01	105	.337506	898	303	747	1975	2.20
106	.390474	114	45	92	217	1.90	106	.357756	595	213	489	1228	2.06
107	.409998	70	29	55	125	1.80	107	.379221	382	145	310	740	1.94
108	.430498	41	18	32	70	1.70	108	.401975	237	95	190	430	1.81
109	.452023	23	11	18	37	1.60	109	.426093	142	60	112	241	1.70
110	.474624	13	6	10	19	1.51	110	.451659	81	37	63	129	1.58
111	.498355	7	3	5	10	1.42	111	.478758	45	21	34	66	1.48
112	.523273	3	2	2	5	1.34	112	.507484	23	12	17	32	1.38
113	.549436	2	1	1	2	1.26	113	.537933	11	6	8	15	1.28
114	.576908	1	0	1	1	1.18	114	.570209	5	3	4	6	1.19
115	.605754	0	0	0	0	1.10	115	.604421	2	1	2	3	1.11
116	.636041	0	0	0	0	1.03	116	.636041	1	1	1	1	1.03
117	.667843	0	0	0	0	.96	117	.667843	0	0	0	0	.96
118	.701235	0	0	0	0	.90	118	.701235	0	0	0	0	.90
119	.736297	0	0	0	0	.84	119	.736297	0	0	0	0	.84

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2040

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.004687	100000	469	99602	7600290	76.00	0	.003762	100000	376	99675	8240182	82.40
1	.000414	99531	41	99511	7500689	75.36	1	.000359	99624	36	99606	8140507	81.71
2	.000280	99490	28	99476	7401179	74.39	2	.000234	99588	23	99576	8040901	80.74
3	.000233	99462	23	99451	7301703	73.41	3	.000175	99565	17	99556	7941325	79.76
4	.000181	99439	18	99430	7202252	72.43	4	.000131	99547	13	99541	7841768	78.77
5	.000159	99421	16	99413	7102822	71.44	5	.000119	99534	12	99528	7742228	77.78
6	.000148	99405	15	99398	7003409	70.45	6	.000112	99522	11	99517	7642699	76.79
7	.000140	99391	14	99384	6904011	69.46	7	.000106	99511	11	99506	7543182	75.80
8	.000127	99377	13	99370	6804627	68.47	8	.000099	99501	10	99496	7443676	74.81
9	.000110	99364	11	99359	6705257	67.48	9	.000089	99491	9	99486	7344180	73.82
10	.000099	99353	10	99348	6605899	66.49	10	.000081	99482	8	99478	7244694	72.82
11	.000109	99343	11	99338	6506551	65.50	11	.000083	99474	8	99470	7145215	71.83
12	.000161	99332	16	99324	6407212	64.50	12	.000101	99466	10	99461	7045745	70.84
13	.000265	99316	26	99303	6307888	63.51	13	.000142	99456	14	99449	6946285	69.84
14	.000407	99290	40	99270	6208584	62.53	14	.000197	99442	20	99432	6846837	68.85
15	.000567	99250	56	99222	6109314	61.55	15	.000261	99422	26	99409	6747405	67.87
16	.000719	99193	71	99158	6010093	60.59	16	.000320	99396	32	99380	6647996	66.88
17	.000846	99122	84	99080	5910935	59.63	17	.000363	99364	36	99346	6548616	65.91
18	.000936	99038	93	98992	5811855	58.68	18	.000381	99328	38	99309	6449270	64.93
19	.000996	98946	99	98896	5712863	57.74	19	.000381	99290	38	99271	6349961	63.95
20	.001052	98847	104	98795	5613967	56.79	20	.000378	99252	38	99234	6250690	62.98
21	.001116	98743	110	98688	5515172	55.85	21	.000381	99215	38	99196	6151456	62.00
22	.001176	98633	116	98575	5416484	54.92	22	.000385	99177	38	99158	6052260	61.02
23	.001236	98517	122	98456	5317908	53.98	23	.000394	99139	39	99119	5953102	60.05
24	.001296	98395	128	98331	5219453	53.05	24	.000408	99100	40	99080	5853982	59.07
25	.001353	98268	133	98201	5121121	52.11	25	.000421	99059	42	99039	5754903	58.10
26	.001408	98135	138	98065	5022920	51.18	26	.000435	99018	43	98996	5655864	57.12
27	.001469	97996	144	97924	4924855	50.26	27	.000458	98975	45	98952	5556869	56.14
28	.001539	97852	151	97777	4826930	49.33	28	.000491	98929	49	98905	5457916	55.17
29	.001614	97702	158	97623	4729153	48.40	29	.000533	98881	53	98854	5359012	54.20
30	.001696	97544	165	97461	4631530	47.48	30	.000581	98828	57	98799	5260157	53.23
31	.001777	97379	173	97292	4534069	46.56	31	.000627	98771	62	98740	5161358	52.26
32	.001848	97206	180	97116	4436776	45.64	32	.000666	98709	66	98676	5062618	51.29
33	.001906	97026	185	96934	4339660	44.73	33	.000696	98643	69	98609	4963942	50.32
34	.001958	96841	190	96746	4242727	43.81	34	.000718	98574	71	98539	4865334	49.36
35	.002001	96652	193	96555	4145981	42.90	35	.000744	98504	73	98467	4766794	48.39
36	.002054	96458	198	96359	4049426	41.98	36	.000776	98430	76	98392	4668328	47.43
37	.002141	96260	206	96157	3953067	41.07	37	.000809	98354	80	98314	4569935	46.46
38	.002275	96054	219	95945	3856910	40.15	38	.000845	98274	83	98233	4471622	45.50
39	.002440	95835	234	95718	3760965	39.24	39	.000884	98191	87	98148	4373388	44.54
40	.002641	95602	252	95475	3665246	38.34	40	.000934	98104	92	98059	4275240	43.58
41	.002830	95349	270	95214	3569771	37.44	41	.000994	98013	97	97964	4177182	42.62
42	.002951	95079	281	94939	3474557	36.54	42	.001063	97915	104	97863	4079218	41.66
43	.002973	94799	282	94658	3379618	35.65	43	.001142	97811	112	97755	3981355	40.70
44	.002935	94517	277	94378	3284960	34.76	44	.001234	97700	121	97639	3883599	39.75
45	.002887	94239	272	94103	3190582	33.86	45	.001342	97579	131	97514	3785960	38.80
46	.002899	93967	272	93831	3096479	32.95	46	.001471	97448	143	97376	3688446	37.85
47	.003014	93695	282	93554	3002648	32.05	47	.001630	97305	159	97225	3591070	36.91
48	.003269	93413	305	93260	2909094	31.14	48	.001825	97146	177	97058	3493844	35.96
49	.003639	93107	339	92938	2815834	30.24	49	.002054	96969	199	96869	3396787	35.03
50	.004071	92768	378	92579	2722897	29.35	50	.002317	96770	224	96658	3299917	34.10
51	.004520	92391	418	92182	2630317	28.47	51	.002607	96545	252	96420	3203260	33.18
52	.004986	91973	459	91744	2538135	27.60	52	.002910	96294	280	96154	3106840	32.26
53	.005455	91514	499	91265	2446391	26.73	53	.003222	96014	309	95859	3010686	31.36
54	.005941	91015	541	90745	2355126	25.88	54	.003553	95704	340	95534	2914827	30.46
55	.006511	90475	589	90180	2264381	25.03	55	.003925	95364	374	95177	2819293	29.56
56	.007159	89885	643	89564	2174202	24.19	56	.004351	94990	413	94783	2724116	28.68
57	.007815	89242	697	88893	2084638	23.36	57	.004831	94577	457	94348	2629333	27.80
58	.008466	88545	750	88170	1995745	22.54	58	.005370	94120	505	93867	2534985	26.93
59	.009155	87795	804	87393	1907575	21.73	59	.005974	93614	559	93335	2441118	26.08

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2040

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.009903	86991	861	86560	1820182	20.92	60	.006619	93055	616	92747	2347783	25.23
61	.010801	86130	930	85665	1733621	20.13	61	.007330	92439	678	92100	2255037	24.39
62	.011951	85199	1018	84690	1647957	19.34	62	.008157	91761	748	91387	2162936	23.57
63	.013410	84181	1129	83617	1563266	18.57	63	.009122	91013	830	90598	2071549	22.76
64	.015130	83052	1257	82424	1479650	17.82	64	.010198	90183	920	89723	1980951	21.97
65	.017076	81796	1397	81097	1397226	17.08	65	.011376	89263	1015	88755	1891228	21.19
66	.019124	80399	1538	79630	1316128	16.37	66	.012592	88248	1111	87692	1802473	20.43
67	.021166	78861	1669	78027	1236498	15.68	67	.013778	87136	1201	86536	1714781	19.68
68	.023138	77192	1786	76299	1158471	15.01	68	.014894	85936	1280	85296	1628245	18.95
69	.025131	75406	1895	74459	1082172	14.35	69	.015988	84656	1353	83979	1542949	18.23
70	.027292	73511	2006	72508	1007713	13.71	70	.017188	83302	1432	82587	1458970	17.51
71	.029759	71505	2128	70441	935205	13.08	71	.018526	81871	1517	81112	1376383	16.81
72	.032566	69377	2259	68247	864764	12.46	72	.019919	80354	1601	79554	1295271	16.12
73	.035776	67118	2401	65917	796517	11.87	73	.021366	78753	1683	77912	1215717	15.44
74	.039370	64716	2548	63443	730600	11.29	74	.022920	77071	1766	76187	1137805	14.76
75	.043331	62169	2694	60822	667158	10.73	75	.024724	75304	1862	74373	1061618	14.10
76	.047586	59475	2830	58060	606336	10.19	76	.026789	73442	1967	72459	987245	13.44
77	.052083	56645	2950	55169	548276	9.68	77	.029016	71475	2074	70438	914786	12.80
78	.056793	53694	3049	52170	493107	9.18	78	.031402	69401	2179	68311	844348	12.17
79	.061793	50645	3130	49080	440937	8.71	79	.034050	67222	2289	66077	776037	11.54
80	.067170	47515	3192	45920	391857	8.25	80	.037124	64933	2411	63728	709959	10.93
81	.073052	44324	3238	42705	345937	7.80	81	.040732	62522	2547	61249	646232	10.34
82	.079517	41086	3267	39452	303233	7.38	82	.044883	59976	2692	58630	584983	9.75
83	.086632	37819	3276	36181	263780	6.97	83	.049637	57284	2843	55862	526353	9.19
84	.094358	34543	3259	32913	227600	6.59	84	.055048	54440	2997	52942	470491	8.64
85	.102620	31283	3210	29678	194687	6.22	85	.061167	51443	3147	49870	417549	8.12
86	.111357	28073	3126	26510	165009	5.88	86	.068041	48297	3286	46654	367679	7.61
87	.120536	24947	3007	23443	138499	5.55	87	.075716	45011	3408	43307	321025	7.13
88	.130157	21940	2856	20512	115056	5.24	88	.084234	41603	3504	39850	277719	6.68
89	.140245	19084	2676	17746	94544	4.95	89	.093634	38098	3567	36315	237868	6.24
90	.150836	16408	2475	15170	76798	4.68	90	.103950	34531	3589	32736	201554	5.84
91	.161964	13933	2257	12805	61628	4.42	91	.115210	30941	3565	29159	168817	5.46
92	.173665	11676	2028	10662	48823	4.18	92	.127438	27377	3489	25632	139658	5.10
93	.185965	9648	1794	8751	38161	3.96	93	.140650	23888	3360	22208	114026	4.77
94	.198888	7854	1562	7073	29409	3.74	94	.154855	20528	3179	18939	91818	4.47
95	.211934	6292	1334	5625	22336	3.55	95	.169225	17349	2936	15881	72879	4.20
96	.225009	4959	1116	4401	16711	3.37	96	.183541	14413	2645	13091	56998	3.95
97	.238014	3843	915	3386	12310	3.20	97	.197563	11768	2325	10605	43907	3.73
98	.250842	2928	735	2561	8925	3.05	98	.211037	9443	1993	8447	33302	3.53
99	.263384	2194	578	1905	6364	2.90	99	.223699	7450	1667	6617	24856	3.34
100	.276554	1616	447	1392	4459	2.76	100	.237121	5784	1371	5098	18239	3.15
101	.290381	1169	339	999	3066	2.62	101	.251348	4412	1109	3858	13141	2.98
102	.304900	830	253	703	2067	2.49	102	.266429	3303	880	2863	9283	2.81
103	.320145	577	185	484	1364	2.37	103	.282415	2423	684	2081	6420	2.65
104	.336152	392	132	326	880	2.24	104	.299360	1739	521	1479	4339	2.50
105	.352960	260	92	214	554	2.13	105	.317321	1218	387	1025	2861	2.35
106	.370608	168	62	137	339	2.01	106	.336360	832	280	692	1836	2.21
107	.389138	106	41	85	202	1.91	107	.356542	552	197	454	1144	2.07
108	.408595	65	26	52	117	1.80	108	.377934	355	134	288	690	1.94
109	.429025	38	16	30	65	1.70	109	.400610	221	89	177	402	1.82
110	.450476	22	10	17	35	1.61	110	.424647	132	56	104	226	1.70
111	.473000	12	6	9	18	1.52	111	.450126	76	34	59	121	1.59
112	.496650	6	3	5	9	1.43	112	.477133	42	20	32	62	1.48
113	.521483	3	2	2	4	1.34	113	.505761	22	11	16	30	1.38
114	.547557	2	1	1	2	1.26	114	.536107	11	6	8	14	1.29
115	.574934	1	0	0	1	1.18	115	.568273	5	3	4	6	1.20
116	.603681	0	0	0	0	1.11	116	.602370	2	1	2	2	1.11
117	.633865	0	0	0	0	1.04	117	.633865	1	1	1	1	1.04
118	.665558	0	0	0	0	.97	118	.665558	0	0	0	0	.97
119	.698836	0	0	0	0	.90	119	.698836	0	0	0	0	.90

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2050

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
0	.004348	100000	435	99630	7658114	76.58	0	.003473	100000	347	99700	8297928	82.98
1	.000392	99565	39	99546	7558484	75.91	1	.000340	99653	34	99636	8198228	82.27
2	.000265	99526	26	99513	7458938	74.94	2	.000222	99619	22	99608	8098592	81.30
3	.000220	99500	22	99489	7359425	73.96	3	.000166	99597	17	99588	7998984	80.31
4	.000171	99478	17	99469	7259936	72.98	4	.000124	99580	12	99574	7899395	79.33
5	.000151	99461	15	99453	7160467	71.99	5	.000113	99568	11	99562	7799822	78.34
6	.000141	99446	14	99439	7061013	71.00	6	.000106	99557	11	99551	7700259	77.35
7	.000133	99432	13	99425	6961574	70.01	7	.000101	99546	10	99541	7600708	76.35
8	.000120	99419	12	99413	6862148	69.02	8	.000094	99536	9	99531	7501167	75.36
9	.000103	99407	10	99402	6762736	68.03	9	.000085	99527	8	99522	7401636	74.37
10	.000091	99396	9	99392	6663335	67.04	10	.000077	99518	8	99514	7302113	73.37
11	.000101	99387	10	99382	6563942	66.04	11	.000078	99510	8	99507	7202598	72.38
12	.000151	99377	15	99370	6464560	65.05	12	.000096	99503	10	99498	7103092	71.39
13	.000253	99362	25	99350	6365190	64.06	13	.000135	99493	13	99486	7003594	70.39
14	.000391	99337	39	99318	6265840	63.08	14	.000188	99480	19	99470	6904108	69.40
15	.000547	99298	54	99271	6166522	62.10	15	.000250	99461	25	99449	6804637	68.42
16	.000696	99244	69	99210	6067251	61.13	16	.000307	99436	31	99421	6705189	67.43
17	.000820	99175	81	99134	5968041	60.18	17	.000348	99406	35	99388	6605767	66.45
18	.000907	99094	90	99049	5868907	59.23	18	.000365	99371	36	99353	6506379	65.48
19	.000965	99004	96	98956	5769858	58.28	19	.000366	99335	36	99317	6407026	64.50
20	.001019	98908	101	98858	5670903	57.33	20	.000363	99298	36	99280	6307709	63.52
21	.001080	98807	107	98754	5572044	56.39	21	.000366	99262	36	99244	6208429	62.55
22	.001139	98701	112	98645	5473291	55.45	22	.000371	99226	37	99208	6109185	61.57
23	.001199	98588	118	98529	5374646	54.52	23	.000380	99189	38	99170	6009977	60.59
24	.001260	98470	124	98408	5276117	53.58	24	.000393	99152	39	99132	5910807	59.61
25	.001318	98346	130	98281	5177709	52.65	25	.000406	99113	40	99092	5811675	58.64
26	.001375	98216	135	98149	5079428	51.72	26	.000419	99072	42	99052	5712582	57.66
27	.001436	98081	141	98011	4981279	50.79	27	.000441	99031	44	99009	5613531	56.68
28	.001505	97941	147	97867	4883267	49.86	28	.000475	98987	47	98964	5514522	55.71
29	.001579	97793	154	97716	4785400	48.93	29	.000517	98940	51	98915	5415559	54.74
30	.001658	97639	162	97558	4687684	48.01	30	.000565	98889	56	98861	5316644	53.76
31	.001737	97477	169	97392	4590127	47.09	31	.000611	98833	60	98803	5217783	52.79
32	.001807	97308	176	97220	4492735	46.17	32	.000650	98773	64	98741	5118980	51.83
33	.001864	97132	181	97041	4395515	45.25	33	.000678	98709	67	98675	5020239	50.86
34	.001914	96951	186	96858	4298474	44.34	34	.000700	98642	69	98607	4921564	49.89
35	.001955	96765	189	96670	4201616	43.42	35	.000723	98573	71	98537	4822958	48.93
36	.002005	96576	194	96479	4104946	42.50	36	.000753	98501	74	98464	4724420	47.96
37	.002090	96382	201	96282	4008466	41.59	37	.000784	98427	77	98389	4625957	47.00
38	.002220	96181	214	96074	3912185	40.68	38	.000817	98350	80	98310	4527568	46.04
39	.002380	95967	228	95853	3816111	39.76	39	.000855	98270	84	98228	4429258	45.07
40	.002575	95739	247	95616	3720258	38.86	40	.000902	98186	89	98141	4331030	44.11
41	.002757	95492	263	95361	3624642	37.96	41	.000959	98097	94	98050	4232889	43.15
42	.002871	95229	273	95092	3529282	37.06	42	.001024	98003	100	97953	4134839	42.19
43	.002886	94956	274	94819	3434189	36.17	43	.001099	97903	108	97849	4036886	41.23
44	.002842	94682	269	94547	3339370	35.27	44	.001186	97795	116	97737	3939038	40.28
45	.002785	94413	263	94281	3244823	34.37	45	.001288	97679	126	97616	3841301	39.33
46	.002787	94150	262	94018	3150542	33.46	46	.001410	97553	138	97484	3743685	38.38
47	.002889	93887	271	93752	3056523	32.56	47	.001561	97416	152	97340	3646200	37.43
48	.003127	93616	293	93470	2962772	31.65	48	.001746	97264	170	97179	3548861	36.49
49	.003477	93323	324	93161	2869302	30.75	49	.001963	97094	191	96998	3451682	35.55
50	.003885	92999	361	92818	2776141	29.85	50	.002213	96903	214	96796	3354684	34.62
51	.004310	92637	399	92438	2683323	28.97	51	.002489	96689	241	96568	3257887	33.69
52	.004750	92238	438	92019	2590885	28.09	52	.002777	96448	268	96314	3161319	32.78
53	.005192	91800	477	91562	2498866	27.22	53	.003074	96180	296	96032	3065005	31.87
54	.005649	91323	516	91066	2407304	26.36	54	.003390	95885	325	95722	2968973	30.96
55	.006188	90808	562	90527	2316238	25.51	55	.003746	95560	358	95381	2873251	30.07
56	.006801	90246	614	89939	2225712	24.66	56	.004154	95202	395	95004	2777870	29.18
57	.007419	89632	665	89299	2135773	23.83	57	.004610	94806	437	94588	2682866	28.30
58	.008027	88967	714	88610	2046474	23.00	58	.005120	94369	483	94127	2588279	27.43
59	.008668	88253	765	87870	1957864	22.18	59	.005688	93886	534	93619	2494151	26.57



Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2050

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.009361	87488	819	87078	1869993	21.37	60	.006294	93352	588	93058	2400533	25.71
61	.010203	86669	884	86227	1782915	20.57	61	.006966	92764	646	92441	2307475	24.87
62	.011296	85785	969	85300	1696688	19.78	62	.007757	92118	715	91761	2215033	24.05
63	.012701	84816	1077	84277	1611388	19.00	63	.008691	91404	794	91006	2123273	23.23
64	.014366	83738	1203	83137	1527111	18.24	64	.009740	90609	883	90168	2032266	22.43
65	.016251	82535	1341	81865	1443975	17.50	65	.010888	89727	977	89238	1942098	21.64
66	.018228	81194	1480	80454	1362110	16.78	66	.012068	88750	1071	88214	1852860	20.88
67	.020190	79714	1609	78909	1281656	16.08	67	.013212	87679	1158	87099	1764646	20.13
68	.022071	78105	1724	77243	1202747	15.40	68	.014281	86520	1236	85902	1677547	19.39
69	.023963	76381	1830	75466	1125504	14.74	69	.015321	85285	1307	84631	1591644	18.66
70	.026011	74550	1939	73581	1050039	14.08	70	.016458	83978	1382	83287	1507013	17.95
71	.028352	72611	2059	71582	976458	13.45	71	.017724	82596	1464	81864	1423726	17.24
72	.031017	70553	2188	69458	904876	12.83	72	.019040	81132	1545	80360	1341862	16.54
73	.034070	68364	2329	67200	835417	12.22	73	.020406	79587	1624	78775	1261503	15.85
74	.037489	66035	2476	64797	768217	11.63	74	.021870	77963	1705	77111	1182728	15.17
75	.041260	63560	2622	62248	703420	11.07	75	.023568	76258	1797	75359	1105617	14.50
76	.045308	60937	2761	59557	641172	10.52	76	.025510	74461	1899	73511	1030258	13.84
77	.049580	58176	2884	56734	581615	10.00	77	.027600	72561	2003	71560	956747	13.19
78	.054046	55292	2988	53798	524881	9.49	78	.029836	70559	2105	69506	885187	12.55
79	.058784	52303	3075	50766	471084	9.01	79	.032315	68453	2212	67347	815681	11.92
80	.063873	49229	3144	47657	420318	8.54	80	.035188	66241	2331	65076	748333	11.30
81	.069446	46084	3200	44484	372661	8.09	81	.038565	63910	2465	62678	683257	10.69
82	.075598	42884	3242	41263	328177	7.65	82	.042465	61446	2609	60141	620579	10.10
83	.082401	39642	3267	38009	286914	7.24	83	.046951	58836	2762	57455	560438	9.53
84	.089804	36376	3267	34742	248905	6.84	84	.052066	56074	2920	54614	502983	8.97
85	.097721	33109	3235	31491	214162	6.47	85	.057848	53154	3075	51617	448368	8.44
86	.106076	29873	3169	28289	182671	6.11	86	.064333	50080	3222	48469	396751	7.92
87	.114830	26705	3066	25171	154382	5.78	87	.071558	46858	3353	45181	348283	7.43
88	.123980	23638	2931	22173	129211	5.47	88	.079562	43505	3461	41774	303101	6.97
89	.133555	20707	2766	19325	107038	5.17	89	.088385	40043	3539	38274	261327	6.53
90	.143593	17942	2576	16654	87713	4.89	90	.098064	36504	3580	34714	223053	6.11
91	.154134	15366	2368	14181	71060	4.62	91	.108631	32924	3577	31136	188339	5.72
92	.165219	12997	2147	11924	56878	4.38	92	.120114	29348	3525	27585	157203	5.36
93	.176881	10850	1919	9890	44955	4.14	93	.132535	25823	3422	24112	129618	5.02
94	.189148	8931	1689	8086	35064	3.93	94	.145907	22400	3268	20766	105506	4.71
95	.201534	7241	1459	6512	26978	3.73	95	.159435	19132	3050	17607	84740	4.43
96	.213950	5782	1237	5164	20467	3.54	96	.172913	16082	2781	14691	67133	4.17
97	.226304	4545	1029	4031	15303	3.37	97	.186116	13301	2476	12063	52442	3.94
98	.238495	3516	839	3097	11272	3.21	98	.198805	10825	2152	9749	40379	3.73
99	.250420	2678	671	2343	8175	3.05	99	.210734	8673	1828	7759	30629	3.53
100	.262941	2007	528	1743	5833	2.91	100	.223378	6846	1529	6081	22870	3.34
101	.276088	1479	408	1275	4089	2.76	101	.236780	5316	1259	4687	16789	3.16
102	.289892	1071	310	916	2814	2.63	102	.250987	4058	1018	3548	12102	2.98
103	.304387	761	231	645	1898	2.50	103	.266046	3039	809	2635	8554	2.81
104	.319606	529	169	444	1254	2.37	104	.282009	2231	629	1916	5919	2.65
105	.335586	360	121	300	809	2.25	105	.298930	1602	479	1362	4003	2.50
106	.352366	239	84	197	510	2.13	106	.316865	1123	356	945	2640	2.35
107	.369984	155	57	126	313	2.02	107	.335877	767	258	638	1696	2.21
108	.388483	98	38	79	186	1.91	108	.356030	509	181	419	1057	2.08
109	.407907	60	24	48	108	1.81	109	.377392	328	124	266	639	1.95
110	.428303	35	15	28	60	1.71	110	.400035	204	82	163	372	1.82
111	.449718	20	9	16	33	1.61	111	.424037	123	52	97	209	1.71
112	.472204	11	5	8	17	1.52	112	.449479	71	32	55	112	1.59
113	.495814	6	3	4	8	1.43	113	.476448	39	19	30	58	1.49
114	.520604	3	2	2	4	1.35	114	.505035	20	10	15	28	1.39
115	.546634	1	1	1	2	1.26	115	.535337	10	5	7	13	1.29
116	.573966	1	0	0	1	1.19	116	.567457	5	3	3	6	1.20
117	.602664	0	0	0	0	1.11	117	.601504	2	1	1	2	1.11
118	.632798	0	0	0	0	1.04	118	.632798	1	1	1	1	1.04
119	.664438	0	0	0	0	.97	119	.664438	0	0	0	0	.97

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2060

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.004049	100000	405	99656	7713768	77.14	0	.003219	100000	322	99722	8353832	83.54
1	.000370	99595	37	99577	7614112	76.45	1	.000323	99678	32	99662	8254110	82.81
2	.000250	99558	25	99546	7514536	75.48	2	.000210	99646	21	99635	8154448	81.83
3	.000208	99533	21	99523	7414989	74.50	3	.000157	99625	16	99617	8054813	80.85
4	.000162	99513	16	99505	7315467	73.51	4	.000118	99609	12	99603	7955196	79.86
5	.000143	99497	14	99489	7215962	72.52	5	.000108	99598	11	99592	7855592	78.87
6	.000134	99482	13	99476	7116473	71.54	6	.000102	99587	10	99582	7756000	77.88
7	.000127	99469	13	99463	7016997	70.54	7	.000098	99577	10	99572	7656418	76.89
8	.000114	99456	11	99451	6917535	69.55	8	.000090	99567	9	99562	7556846	75.90
9	.000097	99445	10	99440	6818084	68.56	9	.000081	99558	8	99554	7457283	74.90
10	.000084	99435	8	99431	6718644	67.57	10	.000073	99550	7	99546	7357729	73.91
11	.000093	99427	9	99422	6619213	66.57	11	.000073	99543	7	99539	7258183	72.92
12	.000142	99418	14	99411	6519791	65.58	12	.000090	99535	9	99531	7158644	71.92
13	.000241	99404	24	99392	6420380	64.59	13	.000128	99526	13	99520	7059113	70.93
14	.000376	99380	37	99361	6320989	63.60	14	.000180	99514	18	99505	6959593	69.94
15	.000529	99342	53	99316	6221628	62.63	15	.000239	99496	24	99484	6860088	68.95
16	.000674	99290	67	99256	6122312	61.66	16	.000294	99472	29	99457	6760605	67.96
17	.000795	99223	79	99183	6023055	60.70	17	.000334	99443	33	99426	6661147	66.98
18	.000879	99144	87	99100	5923871	59.75	18	.000351	99410	35	99392	6561721	66.01
19	.000935	99057	93	99011	5824771	58.80	19	.000352	99375	35	99357	6462329	65.03
20	.000986	98964	98	98915	5725760	57.86	20	.000350	99340	35	99322	6362972	64.05
21	.001044	98867	103	98815	5626845	56.91	21	.000352	99305	35	99287	6263649	63.07
22	.001103	98763	109	98709	5528030	55.97	22	.000357	99270	35	99252	6164362	62.10
23	.001163	98654	115	98597	5429321	55.03	23	.000366	99234	36	99216	6065110	61.12
24	.001225	98540	121	98479	5330724	54.10	24	.000379	99198	38	99179	5965893	60.14
25	.001285	98419	126	98356	5232245	53.16	25	.000391	99161	39	99141	5866714	59.16
26	.001343	98293	132	98227	5133889	52.23	26	.000404	99122	40	99102	5767573	58.19
27	.001405	98161	138	98092	5035662	51.30	27	.000426	99082	42	99061	5668471	57.21
28	.001473	98023	144	97950	4937570	50.37	28	.000459	99040	45	99017	5569411	56.23
29	.001545	97878	151	97803	4839620	49.45	29	.000501	98994	50	98969	5470394	55.26
30	.001622	97727	159	97648	4741817	48.52	30	.000548	98944	54	98917	5371424	54.29
31	.001700	97569	166	97486	4644170	47.60	31	.000594	98890	59	98861	5272507	53.32
32	.001768	97403	172	97317	4546684	46.68	32	.000632	98832	62	98800	5173646	52.35
33	.001823	97230	177	97142	4449368	45.76	33	.000660	98769	65	98736	5074845	51.38
34	.001872	97053	182	96962	4352226	44.84	34	.000680	98704	67	98670	4976108	50.41
35	.001912	96872	185	96779	4255263	43.93	35	.000703	98637	69	98602	4877438	49.45
36	.001961	96686	190	96591	4158484	43.01	36	.000732	98567	72	98531	4778836	48.48
37	.002043	96497	197	96398	4061893	42.09	37	.000761	98495	75	98458	4680305	47.52
38	.002170	96300	209	96195	3965495	41.18	38	.000793	98420	78	98381	4581847	46.55
39	.002326	96091	224	95979	3869300	40.27	39	.000828	98342	81	98302	4483465	45.59
40	.002516	95867	241	95746	3773321	39.36	40	.000872	98261	86	98218	4385163	44.63
41	.002693	95626	258	95497	3677574	38.46	41	.000926	98175	91	98130	4286945	43.67
42	.002801	95368	267	95235	3582078	37.56	42	.000988	98084	97	98036	4188816	42.71
43	.002809	95101	267	94968	3486843	36.66	43	.001059	97987	104	97935	4090780	41.75
44	.002757	94834	261	94703	3391875	35.77	44	.001142	97884	112	97828	3992844	40.79
45	.002691	94573	254	94445	3297172	34.86	45	.001238	97772	121	97711	3895017	39.84
46	.002682	94318	253	94192	3202726	33.96	46	.001354	97651	132	97585	3797305	38.89
47	.002771	94065	261	93935	3108535	33.05	47	.001498	97519	146	97446	3699721	37.94
48	.002994	93804	281	93664	3014600	32.14	48	.001674	97372	163	97291	3602275	36.99
49	.003325	93524	311	93368	2920936	31.23	49	.001880	97209	183	97118	3504984	36.06
50	.003714	93213	346	93040	2827568	30.33	50	.002118	97027	206	96924	3407866	35.12
51	.004116	92866	382	92675	2734528	29.45	51	.002380	96821	230	96706	3310942	34.20
52	.004533	92484	419	92275	2641853	28.57	52	.002654	96591	256	96463	3214236	33.28
53	.004951	92065	456	91837	2549578	27.69	53	.002937	96334	283	96193	3117774	32.36
54	.005383	91609	493	91363	2457741	26.83	54	.003238	96051	311	95896	3021581	31.46
55	.005896	91116	537	90847	2366379	25.97	55	.003579	95740	343	95569	2925685	30.56
56	.006478	90579	587	90285	2275531	25.12	56	.003970	95398	379	95208	2830115	29.67
57	.007062	89992	636	89674	2185246	24.28	57	.004405	95019	419	94810	2734907	28.78
58	.007629	89357	682	89016	2095571	23.45	58	.004887	94601	462	94369	2640097	27.91
59	.008226	88675	729	88310	2006555	22.63	59	.005424	94138	511	93883	2545728	27.04

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2060

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.008869	87945	780	87555	1918245	21.81	60	.005996	93628	561	93347	2451845	26.19
61	.009658	87165	842	86745	1830690	21.00	61	.006632	93066	617	92758	2358498	25.34
62	.010699	86324	924	85862	1743945	20.20	62	.007390	92449	683	92107	2265741	24.51
63	.012054	85400	1029	84885	1658084	19.42	63	.008296	91766	761	91385	2173633	23.69
64	.013668	84371	1153	83794	1573198	18.65	64	.009319	91005	848	90580	2082248	22.88
65	.015496	83217	1290	82573	1489404	17.90	65	.010440	90156	941	89686	1991667	22.09
66	.017408	81928	1426	81215	1406832	17.17	66	.011586	89215	1034	88698	1901981	21.32
67	.019297	80502	1553	79725	1325617	16.47	67	.012692	88182	1119	87622	1813283	20.56
68	.021096	78948	1665	78115	1245892	15.78	68	.013718	87062	1194	86465	1725661	19.82
69	.022895	77283	1769	76398	1167776	15.11	69	.014708	85868	1263	85237	1639196	19.09
70	.024839	75513	1876	74576	1091379	14.45	70	.015788	84605	1336	83937	1553959	18.37
71	.027065	73638	1993	72641	1016803	13.81	71	.016989	83269	1415	82562	1470022	17.65
72	.029602	71645	2121	70584	944162	13.18	72	.018236	81855	1493	81108	1387460	16.95
73	.032511	69524	2260	68394	873578	12.57	73	.019528	80362	1569	79577	1306352	16.26
74	.035772	67264	2406	66060	805184	11.97	74	.020911	78793	1648	77969	1226774	15.57
75	.039369	64857	2553	63581	739123	11.40	75	.022513	77145	1737	76277	1148805	14.89
76	.043229	62304	2693	60957	675543	10.84	76	.024344	75408	1836	74490	1072529	14.22
77	.047296	59611	2819	58201	614585	10.31	77	.026311	73573	1936	72605	998039	13.57
78	.051542	56791	2927	55328	556384	9.80	78	.028411	71637	2035	70619	925434	12.92
79	.056042	53864	3019	52355	501057	9.30	79	.030739	69601	2139	68532	854815	12.28
80	.060870	50846	3095	49298	448702	8.82	80	.033433	67462	2255	66334	786283	11.66
81	.066163	47751	3159	46171	399404	8.36	81	.036602	65207	2387	64013	719949	11.04
82	.072027	44591	3212	42985	353233	7.92	82	.040275	62820	2530	61555	655936	10.44
83	.078538	41379	3250	39755	310247	7.50	83	.044516	60290	2684	58948	594381	9.86
84	.085640	38130	3265	36497	270493	7.09	84	.049359	57606	2843	56184	535433	9.29
85	.093232	34864	3250	33239	233996	6.71	85	.054832	54763	3003	53261	479249	8.75
86	.101231	31614	3200	30014	200757	6.35	86	.060959	51760	3155	50182	425987	8.23
87	.109591	28413	3114	26857	170743	6.01	87	.067774	48605	3294	46958	375805	7.73
88	.118308	25300	2993	23803	143887	5.69	88	.075310	45310	3412	43604	328848	7.26
89	.127411	22306	2842	20885	120084	5.38	89	.083610	41898	3503	40147	285243	6.81
90	.136941	19464	2665	18132	99198	5.10	90	.092710	38395	3560	36615	245097	6.38
91	.146944	16799	2468	15565	81067	4.83	91	.102647	34835	3576	33048	208482	5.98
92	.157464	14330	2257	13202	65502	4.57	92	.113451	31260	3546	29486	175434	5.61
93	.168537	12074	2035	11056	52300	4.33	93	.125148	27713	3468	25979	145948	5.27
94	.180198	10039	1809	9134	41244	4.11	94	.137757	24245	3340	22575	119968	4.95
95	.191974	8230	1580	7440	32109	3.90	95	.150514	20905	3147	19332	97393	4.66
96	.203783	6650	1355	5972	24669	3.71	96	.163225	17759	2899	16309	78062	4.40
97	.215537	5295	1141	4724	18697	3.53	97	.175679	14860	2611	13555	61752	4.16
98	.227141	4154	943	3682	13972	3.36	98	.187652	12249	2299	11100	48198	3.93
99	.238498	3210	766	2827	10290	3.21	99	.198911	9951	1979	8961	37098	3.73
100	.250423	2445	612	2138	7463	3.05	100	.210845	7971	1681	7131	28137	3.53
101	.262944	1832	482	1591	5325	2.91	101	.223496	6291	1406	5588	21006	3.34
102	.276091	1351	373	1164	3733	2.76	102	.236906	4885	1157	4306	15418	3.16
103	.289895	978	283	836	2569	2.63	103	.251120	3728	936	3259	11112	2.98
104	.304390	694	211	589	1733	2.50	104	.266187	2791	743	2420	7852	2.81
105	.319610	483	154	406	1144	2.37	105	.282158	2048	578	1759	5432	2.65
106	.335590	329	110	273	739	2.25	106	.299088	1470	440	1251	3673	2.50
107	.352370	218	77	180	465	2.13	107	.317033	1031	327	867	2422	2.35
108	.369988	141	52	115	285	2.02	108	.336055	704	237	586	1555	2.21
109	.388487	89	35	72	170	1.91	109	.356218	467	166	384	969	2.07
110	.407912	54	22	43	98	1.81	110	.377592	301	114	244	585	1.95
111	.428307	32	14	25	55	1.71	111	.400247	187	75	150	341	1.82
112	.449723	18	8	14	30	1.61	112	.424262	112	48	88	191	1.71
113	.472209	10	5	8	15	1.52	113	.449717	65	29	50	103	1.59
114	.495819	5	3	4	8	1.43	114	.476700	36	17	27	53	1.49
115	.520610	3	1	2	4	1.35	115	.505302	19	9	14	26	1.38
116	.546641	1	1	1	2	1.26	116	.535621	9	5	7	12	1.29
117	.573973	1	0	0	1	1.19	117	.567758	4	2	3	5	1.20
118	.602671	0	0	0	0	1.11	118	.601823	2	1	1	2	1.11
119	.632805	0	0	0	0	1.04	119	.632805	1	0	1	1	1.04

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2070

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.003785	100000	379	99678	7767491	77.67	0	.002995	100000	300	99741	8407958	84.08
1	.000351	99621	35	99604	7667813	76.97	1	.000307	99701	31	99685	8308217	83.33
2	.000237	99587	24	99575	7568209	76.00	2	.000200	99670	20	99660	8208531	82.36
3	.000197	99563	20	99553	7468635	75.01	3	.000150	99650	15	99642	8108871	81.37
4	.000153	99543	15	99536	7369082	74.03	4	.000112	99635	11	99629	8009229	80.39
5	.000136	99528	14	99521	7269546	73.04	5	.000102	99624	10	99619	7909599	79.39
6	.000128	99515	13	99508	7170025	72.05	6	.000097	99614	10	99609	7809980	78.40
7	.000121	99502	12	99496	7070517	71.06	7	.000092	99604	9	99599	7710371	77.41
8	.000108	99490	11	99484	6971020	70.07	8	.000086	99595	9	99591	7610772	76.42
9	.000091	99479	9	99475	6871536	69.08	9	.000077	99586	8	99582	7511182	75.42
10	.000079	99470	8	99466	6772062	68.08	10	.000069	99579	7	99575	7411599	74.43
11	.000087	99462	9	99458	6672595	67.09	11	.000070	99572	7	99568	7312024	73.43
12	.000134	99453	13	99447	6573137	66.09	12	.000086	99565	9	99561	7212455	72.44
13	.000230	99440	23	99429	6473691	65.10	13	.000122	99556	12	99550	7112895	71.45
14	.000362	99417	36	99399	6374262	64.12	14	.000173	99544	17	99535	7013345	70.45
15	.000511	99381	51	99356	6274863	63.14	15	.000230	99527	23	99515	6913810	69.47
16	.000653	99330	65	99298	6175507	62.17	16	.000283	99504	28	99490	6814294	68.48
17	.000771	99266	77	99227	6076208	61.21	17	.000322	99476	32	99460	6714804	67.50
18	.000852	99189	85	99147	5976981	60.26	18	.000338	99444	34	99427	6615344	66.52
19	.000906	99105	90	99060	5877834	59.31	19	.000339	99410	34	99393	6515917	65.55
20	.000955	99015	95	98968	5778774	58.36	20	.000337	99376	33	99360	6416524	64.57
21	.001012	98920	100	98870	5679807	57.42	21	.000339	99343	34	99326	6317164	63.59
22	.001069	98820	106	98767	5580937	56.48	22	.000344	99309	34	99292	6217838	62.61
23	.001129	98714	111	98659	5482170	55.54	23	.000353	99275	35	99258	6118546	61.63
24	.001191	98603	117	98544	5383510	54.60	24	.000365	99240	36	99222	6019289	60.65
25	.001251	98486	123	98424	5284966	53.66	25	.000377	99204	37	99185	5920066	59.68
26	.001309	98362	129	98298	5186542	52.73	26	.000390	99166	39	99147	5820881	58.70
27	.001371	98234	135	98166	5088244	51.80	27	.000411	99128	41	99107	5721735	57.72
28	.001438	98099	141	98028	4990077	50.87	28	.000445	99087	44	99065	5622627	56.74
29	.001510	97958	148	97884	4892049	49.94	29	.000486	99043	48	99019	5523562	55.77
30	.001586	97810	155	97732	4794165	49.02	30	.000533	98995	53	98968	5424543	54.80
31	.001662	97655	162	97574	4696433	48.09	31	.000578	98942	57	98913	5325575	53.83
32	.001730	97493	169	97408	4598859	47.17	32	.000616	98885	61	98854	5226661	52.86
33	.001785	97324	174	97237	4501451	46.25	33	.000643	98824	64	98792	5127807	51.89
34	.001833	97150	178	97061	4404214	45.33	34	.000663	98760	65	98728	5029014	50.92
35	.001871	96972	181	96881	4307153	44.42	35	.000684	98695	68	98661	4930287	49.95
36	.001918	96791	186	96698	4210272	43.50	36	.000711	98627	70	98592	4831626	48.99
37	.001998	96605	193	96509	4113574	42.58	37	.000739	98557	73	98521	4733034	48.02
38	.002122	96412	205	96310	4017065	41.67	38	.000769	98484	76	98447	4634512	47.06
39	.002276	96207	219	96098	3920755	40.75	39	.000803	98409	79	98369	4536066	46.09
40	.002462	95988	236	95870	3824657	39.84	40	.000845	98330	83	98288	4437697	45.13
41	.002635	95752	252	95626	3728787	38.94	41	.000896	98247	88	98203	4339409	44.17
42	.002737	95500	261	95369	3633161	38.04	42	.000954	98159	94	98112	4241206	43.21
43	.002738	95238	261	95108	3537792	37.15	43	.001021	98065	100	98015	4143095	42.25
44	.002679	94978	254	94850	3442684	36.25	44	.001100	97965	108	97911	4045080	41.29
45	.002604	94723	247	94600	3347834	35.34	45	.001191	97857	117	97799	3947169	40.34
46	.002585	94477	244	94354	3253234	34.43	46	.001302	97741	127	97677	3849370	39.38
47	.002662	94232	251	94107	3158879	33.52	47	.001439	97613	140	97543	3751693	38.43
48	.002871	93981	270	93847	3064772	32.61	48	.001606	97473	157	97395	3654150	37.49
49	.003186	93712	299	93562	2970926	31.70	49	.001802	97316	175	97229	3556755	36.55
50	.003556	93413	332	93247	2877363	30.80	50	.002030	97141	197	97042	3459527	35.61
51	.003938	93081	367	92898	2784116	29.91	51	.002279	96944	221	96833	3362485	34.68
52	.004334	92714	402	92513	2691219	29.03	52	.002541	96723	246	96600	3265652	33.76
53	.004730	92313	437	92094	2598705	28.15	53	.002811	96477	271	96341	3169052	32.85
54	.005138	91876	472	91640	2506611	27.28	54	.003099	96206	298	96057	3072710	31.94
55	.005625	91404	514	91147	2414971	26.42	55	.003426	95908	329	95743	2976653	31.04
56	.006179	90890	562	90609	2323824	25.57	56	.003801	95579	363	95397	2880910	30.14
57	.006730	90328	608	90024	2233215	24.72	57	.004215	95216	401	95015	2785512	29.25
58	.007262	89720	652	89394	2143191	23.89	58	.004672	94814	443	94593	2690498	28.38
59	.007819	89069	696	88720	2053796	23.06	59	.005180	94371	489	94127	2595905	27.51

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2070

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.008418	88372	744	88000	1965076	22.24	60	.005718	93883	537	93614	2501778	26.65
61	.009159	87628	803	87227	1877075	21.42	61	.006321	93346	590	93051	2408163	25.80
62	.010152	86826	881	86385	1789848	20.61	62	.007049	92756	654	92429	2315113	24.96
63	.011462	85944	985	85452	1703464	19.82	63	.007930	92102	730	91737	2222684	24.13
64	.013029	84959	1107	84406	1618012	19.04	64	.008930	91372	816	90964	2130947	23.32
65	.014805	83852	1241	83232	1533606	18.29	65	.010025	90556	908	90102	2039983	22.53
66	.016657	82611	1376	81923	1450374	17.56	66	.011141	89648	999	89148	1949882	21.75
67	.018479	81235	1501	80484	1368452	16.85	67	.012213	88649	1083	88108	1860733	20.99
68	.020203	79734	1611	78928	1287967	16.15	68	.013199	87566	1156	86988	1772626	20.24
69	.021917	78123	1712	77267	1209039	15.48	69	.014143	86411	1222	85800	1685637	19.51
70	.023768	76411	1816	75502	1131773	14.81	70	.015171	85188	1292	84542	1599838	18.78
71	.025889	74594	1931	73629	1056270	14.16	71	.016313	83896	1369	83212	1515295	18.06
72	.028308	72663	2057	71635	982641	13.52	72	.017497	82527	1444	81805	1432084	17.35
73	.031086	70606	2195	69509	911007	12.90	73	.018721	81083	1518	80325	1350278	16.65
74	.034202	68411	2340	67242	841498	12.30	74	.020031	79566	1594	78769	1269954	15.96
75	.037640	66072	2487	64828	774256	11.72	75	.021547	77972	1680	77132	1191185	15.28
76	.041327	63585	2628	62271	709428	11.16	76	.023276	76292	1776	75404	1114053	14.60
77	.045208	60957	2756	59579	647157	10.62	77	.025132	74516	1873	73580	1038649	13.94
78	.049253	58201	2867	56768	585758	10.10	78	.027112	72643	1970	71658	965070	13.29
79	.053538	55335	2963	53853	530810	9.59	79	.029304	70674	2071	69638	893411	12.64
80	.058129	52372	3044	50850	476957	9.11	80	.031837	68603	2184	67511	823773	12.01
81	.063167	49328	3116	47770	426107	8.64	81	.034820	66419	2313	65262	756263	11.39
82	.068767	46212	3178	44623	378337	8.19	82	.038288	64106	2454	62879	691000	10.78
83	.075007	43034	3228	41420	333714	7.75	83	.042304	61651	2608	60347	628122	10.19
84	.081825	39806	3257	38178	292294	7.34	84	.046898	59043	2769	57659	567774	9.62
85	.089111	36549	3257	34921	254116	6.95	85	.052085	56274	2931	54809	510116	9.06
86	.096777	33292	3222	31681	219196	6.58	86	.057886	53343	3088	51799	455307	8.54
87	.104771	30070	3150	28495	187515	6.24	87	.064324	50255	3233	48639	403507	8.03
88	.113087	26920	3044	25398	159020	5.91	88	.071435	47023	3359	45343	354868	7.55
89	.121756	23875	2907	22422	133622	5.60	89	.079257	43664	3461	41933	309525	7.09
90	.130821	20968	2743	19597	111200	5.30	90	.087831	40203	3531	38438	267592	6.66
91	.140330	18225	2558	16947	91603	5.03	91	.097194	36672	3564	34890	229154	6.25
92	.150331	15668	2355	14490	74657	4.76	92	.107378	33108	3555	31330	194264	5.87
93	.160863	13312	2141	12242	60167	4.52	93	.118414	29553	3499	27803	162934	5.51
94	.171965	11171	1921	10210	47925	4.29	94	.130323	26053	3395	24356	135131	5.19
95	.183179	9250	1694	8403	37714	4.08	95	.142372	22658	3226	21045	110776	4.89
96	.194428	7556	1469	6821	29312	3.88	96	.154380	19432	3000	17932	89731	4.62
97	.205628	6087	1252	5461	22491	3.70	97	.166148	16432	2730	15067	71799	4.37
98	.216692	4835	1048	4311	17030	3.52	98	.177465	13702	2432	12486	56732	4.14
99	.227526	3787	862	3356	12719	3.36	99	.188113	11270	2120	10210	44246	3.93
100	.238903	2926	699	2576	9362	3.20	100	.199400	9150	1825	8238	34035	3.72
101	.250848	2227	559	1947	6786	3.05	101	.211364	7326	1548	6551	25797	3.52
102	.263390	1668	439	1448	4839	2.90	102	.224046	5777	1294	5130	19246	3.33
103	.276560	1229	340	1059	3390	2.76	103	.237489	4483	1065	3951	14116	3.15
104	.290388	889	258	760	2332	2.62	104	.251738	3418	861	2988	10165	2.97
105	.304907	631	192	535	1572	2.49	105	.266842	2558	683	2217	7177	2.81
106	.320152	438	140	368	1037	2.37	106	.282853	1875	530	1610	4961	2.65
107	.336160	298	100	248	669	2.24	107	.299824	1345	403	1143	3351	2.49
108	.352968	198	70	163	421	2.13	108	.317813	942	299	792	2207	2.34
109	.370616	128	47	104	258	2.01	109	.336882	642	216	534	1415	2.20
110	.389147	81	31	65	154	1.91	110	.357095	426	152	350	881	2.07
111	.408604	49	20	39	89	1.80	111	.378521	274	104	222	531	1.94
112	.429035	29	12	23	50	1.70	112	.401232	170	68	136	309	1.82
113	.450486	17	7	13	27	1.61	113	.425306	102	43	80	173	1.70
114	.473011	9	4	7	14	1.52	114	.450824	59	26	45	93	1.59
115	.496661	5	2	4	7	1.43	115	.477874	32	15	24	48	1.48
116	.521494	2	1	2	3	1.34	116	.506546	17	9	13	23	1.38
117	.547569	1	1	1	1	1.26	117	.536939	8	4	6	11	1.28
118	.574947	1	0	0	1	1.18	118	.569155	4	2	3	5	1.19
119	.603695	0	0	0	0	1.11	119	.603304	2	1	1	2	1.11

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2080

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.003551	100000	355	99698	7819130	78.19	0	.002797	100000	280	99758	8460513	84.61
1	.000333	99645	33	99628	7719432	77.47	1	.000291	99720	29	99706	8360755	83.84
2	.000225	99612	22	99601	7619804	76.50	2	.000190	99691	19	99682	8261048	82.87
3	.000187	99589	19	99580	7520204	75.51	3	.000142	99672	14	99665	8161366	81.88
4	.000146	99571	15	99563	7420623	74.53	4	.000106	99658	11	99653	8061701	80.89
5	.000129	99556	13	99550	7321060	73.54	5	.000097	99648	10	99643	7962048	79.90
6	.000122	99543	12	99537	7221510	72.55	6	.000093	99638	9	99633	7862405	78.91
7	.000115	99531	11	99525	7121974	71.56	7	.000089	99629	9	99624	7762772	77.92
8	.000103	99520	10	99515	7022448	70.56	8	.000082	99620	8	99616	7663147	76.92
9	.000086	99509	9	99505	6922934	69.57	9	.000073	99612	7	99608	7563531	75.93
10	.000074	99501	7	99497	6823429	68.58	10	.000066	99604	7	99601	7463923	74.94
11	.000081	99494	8	99490	6723931	67.58	11	.000066	99598	7	99595	7364323	73.94
12	.000126	99485	13	99479	6624442	66.59	12	.000081	99591	8	99587	7264728	72.95
13	.000220	99473	22	99462	6524963	65.60	13	.000116	99583	12	99577	7165141	71.95
14	.000348	99451	35	99434	6425501	64.61	14	.000165	99572	16	99563	7065563	70.96
15	.000494	99416	49	99392	6326067	63.63	15	.000221	99555	22	99544	6966000	69.97
16	.000632	99367	63	99336	6226675	62.66	16	.000272	99533	27	99520	6866456	68.99
17	.000748	99305	74	99267	6127339	61.70	17	.000309	99506	31	99491	6766936	68.01
18	.000827	99230	82	99189	6028072	60.75	18	.000325	99475	32	99459	6667446	67.03
19	.000879	99148	87	99105	5928883	59.80	19	.000326	99443	32	99427	6567987	66.05
20	.000926	99061	92	99015	5829778	58.85	20	.000324	99411	32	99395	6468560	65.07
21	.000981	98969	97	98921	5730763	57.90	21	.000326	99378	32	99362	6369166	64.09
22	.001037	98872	103	98821	5631842	56.96	22	.000331	99346	33	99330	6269804	63.11
23	.001097	98770	108	98716	5533021	56.02	23	.000339	99313	34	99296	6170474	62.13
24	.001160	98661	114	98604	5434305	55.08	24	.000352	99279	35	99262	6071178	61.15
25	.001221	98547	120	98487	5335701	54.14	25	.000363	99245	36	99227	5971915	60.17
26	.001281	98427	126	98364	5237215	53.21	26	.000376	99208	37	99190	5872689	59.20
27	.001343	98300	132	98234	5138852	52.28	27	.000397	99171	39	99152	5773499	58.22
28	.001410	98168	138	98099	5040617	51.35	28	.000431	99132	43	99110	5674347	57.24
29	.001480	98030	145	97958	4942518	50.42	29	.000472	99089	47	99066	5575237	56.26
30	.001554	97885	152	97809	4844560	49.49	30	.000519	99042	51	99017	5476172	55.29
31	.001629	97733	159	97653	4746751	48.57	31	.000564	98991	56	98963	5377155	54.32
32	.001695	97574	165	97491	4649097	47.65	32	.000601	98935	59	98905	5278192	53.35
33	.001748	97408	170	97323	4551607	46.73	33	.000628	98876	62	98845	5179286	52.38
34	.001796	97238	175	97151	4454283	45.81	34	.000647	98814	64	98782	5080442	51.41
35	.001833	97063	178	96974	4357133	44.89	35	.000667	98750	66	98717	4981661	50.45
36	.001879	96885	182	96794	4260159	43.97	36	.000693	98684	68	98650	4882944	49.48
37	.001957	96703	189	96609	4163364	43.05	37	.000719	98615	71	98580	4784294	48.51
38	.002079	96514	201	96414	4066755	42.14	38	.000747	98544	74	98508	4685714	47.55
39	.002229	96313	215	96206	3970341	41.22	39	.000779	98471	77	98432	4587207	46.58
40	.002411	96099	232	95983	3874135	40.31	40	.000818	98394	80	98354	4488774	45.62
41	.002579	95867	247	95744	3778152	39.41	41	.000866	98314	85	98271	4390421	44.66
42	.002676	95620	256	95492	3682409	38.51	42	.000922	98228	91	98183	4292149	43.70
43	.002672	95364	255	95237	3586917	37.61	43	.000986	98138	97	98090	4193967	42.74
44	.002606	95109	248	94985	3491680	36.71	44	.001060	98041	104	97989	4095877	41.78
45	.002525	94861	240	94742	3396695	35.81	45	.001148	97937	112	97881	3997888	40.82
46	.002497	94622	236	94504	3301954	34.90	46	.001253	97825	123	97764	3900007	39.87
47	.002563	94386	242	94265	3207450	33.98	47	.001383	97702	135	97635	3802243	38.92
48	.002759	94144	260	94014	3113185	33.07	48	.001543	97567	151	97492	3704608	37.97
49	.003059	93884	287	93740	3019172	32.16	49	.001730	97417	169	97332	3607117	37.03
50	.003411	93597	319	93437	2925431	31.26	50	.001946	97248	189	97153	3509784	36.09
51	.003774	93277	352	93101	2831994	30.36	51	.002185	97059	212	96953	3412631	35.16
52	.004151	92925	386	92733	2738893	29.47	52	.002435	96847	236	96729	3315678	34.24
53	.004526	92540	419	92330	2646160	28.59	53	.002694	96611	260	96481	3218949	33.32
54	.004913	92121	453	91895	2553830	27.72	54	.002969	96351	286	96208	3122469	32.41
55	.005376	91668	493	91422	2461936	26.86	55	.003284	96065	315	95907	3026261	31.50
56	.005905	91175	538	90906	2370514	26.00	56	.003644	95749	349	95575	2930354	30.60
57	.006427	90637	583	90346	2279608	25.15	57	.004040	95400	385	95207	2834780	29.71
58	.006925	90055	624	89743	2189262	24.31	58	.004474	95015	425	94802	2739572	28.83
59	.007445	89431	666	89098	2099519	23.48	59	.004954	94590	469	94355	2644770	27.96

Table 5. -- Period Life Tables for U. S. Social Security Area  
by Calendar Year and Sex

Calendar Year 2080

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.008004	88765	710	88410	2010421	22.65	60	.005462	94121	514	93864	2550415	27.10
61	.008701	88055	766	87672	1922011	21.83	61	.006033	93607	565	93325	2456551	26.24
62	.009651	87288	842	86867	1834340	21.01	62	.006733	93042	626	92729	2363227	25.40
63	.010918	86446	944	85974	1747472	20.21	63	.007590	92416	701	92065	2270497	24.57
64	.012442	85502	1064	84970	1661498	19.43	64	.008569	91714	786	91321	2178432	23.75
65	.014170	84438	1196	83840	1576528	18.67	65	.009640	90928	877	90490	2087111	22.95
66	.015966	83242	1329	82577	1492688	17.93	66	.010729	90052	966	89569	1996621	22.17
67	.017727	81913	1452	81187	1410111	17.21	67	.011769	89086	1048	88562	1907052	21.41
68	.019381	80461	1559	79681	1328924	16.52	68	.012718	88037	1120	87477	1818491	20.66
69	.021019	78901	1658	78072	1249243	15.83	69	.013621	86918	1184	86326	1731013	19.92
70	.022783	77243	1760	76363	1171170	15.16	70	.014600	85734	1252	85108	1644687	19.18
71	.024809	75483	1873	74547	1094807	14.50	71	.015689	84482	1325	83819	1559579	18.46
72	.027121	73610	1996	72612	1020261	13.86	72	.016815	83157	1398	82457	1475760	17.75
73	.029779	71614	2133	70548	947648	13.23	73	.017979	81758	1470	81023	1393303	17.04
74	.032762	69481	2276	68343	877101	12.62	74	.019223	80288	1543	79517	1312279	16.34
75	.036054	67205	2423	65994	808757	12.03	75	.020660	78745	1627	77932	1232763	15.66
76	.039582	64782	2564	63500	742764	11.47	76	.022298	77118	1720	76258	1154831	14.97
77	.043292	62218	2694	60871	679264	10.92	77	.024054	75399	1814	74492	1078573	14.30
78	.047154	59524	2807	58121	618393	10.39	78	.025925	73585	1908	72631	1004081	13.65
79	.051244	56718	2906	55264	560272	9.88	79	.027995	71677	2007	70674	931450	13.00
80	.055621	53811	2993	52315	505007	9.38	80	.030384	69671	2117	68612	860776	12.35
81	.060428	50818	3071	49283	452693	8.91	81	.033199	67554	2243	66432	792164	11.73
82	.065784	47747	3141	46177	403410	8.45	82	.036480	65311	2383	64120	725732	11.11
83	.071771	44606	3201	43006	357233	8.01	83	.040290	62928	2535	61661	661612	10.51
84	.078321	41405	3243	39783	314228	7.59	84	.044653	60393	2697	59045	599951	9.93
85	.085320	38162	3256	36534	274444	7.19	85	.049578	57696	2860	56266	540906	9.38
86	.092673	34906	3235	33289	237910	6.82	86	.055078	54836	3020	53326	484640	8.84
87	.100326	31671	3177	30082	204622	6.46	87	.061173	51816	3170	50231	431314	8.32
88	.108272	28494	3085	26951	174539	6.13	88	.067894	48646	3303	46995	381084	7.83
89	.116541	25409	2961	23928	147588	5.81	89	.075282	45343	3414	43636	334089	7.37
90	.125180	22447	2810	21042	123660	5.51	90	.083376	41930	3496	40182	290453	6.93
91	.134236	19638	2636	18319	102618	5.23	91	.092215	38434	3544	36662	250271	6.51
92	.143760	17001	2444	15779	84298	4.96	92	.101835	34890	3553	33113	213609	6.12
93	.153794	14557	2239	13438	68519	4.71	93	.112265	31337	3518	29578	180496	5.76
94	.164379	12318	2025	11306	55081	4.47	94	.123532	27819	3436	26100	150919	5.43
95	.175074	10294	1802	9393	43775	4.25	95	.134933	24382	3290	22737	124819	5.12
96	.185805	8491	1578	7703	34382	4.05	96	.146296	21092	3086	19549	102081	4.84
97	.196494	6914	1358	6234	26680	3.86	97	.157436	18006	2835	16589	82532	4.58
98	.207059	5555	1150	4980	20445	3.68	98	.168153	15172	2551	13896	65943	4.35
99	.217412	4405	958	3926	15465	3.51	99	.178242	12620	2249	11496	52047	4.12
100	.228282	3447	787	3054	11539	3.35	100	.188936	10371	1959	9391	40551	3.91
101	.239696	2660	638	2341	8485	3.19	101	.200273	8411	1685	7569	31160	3.70
102	.251681	2023	509	1768	6144	3.04	102	.212289	6727	1428	6013	23591	3.51
103	.264265	1514	400	1314	4376	2.89	103	.225026	5299	1192	4703	17578	3.32
104	.277478	1114	309	959	3062	2.75	104	.238528	4106	980	3617	12876	3.14
105	.291352	805	234	687	2103	2.61	105	.252839	3127	791	2732	9259	2.96
106	.305920	570	174	483	1416	2.48	106	.268010	2336	626	2023	6527	2.79
107	.321216	396	127	332	933	2.36	107	.284090	1710	486	1467	4504	2.63
108	.337277	269	91	223	601	2.24	108	.301136	1224	369	1040	3037	2.48
109	.354141	178	63	147	377	2.12	109	.319204	856	273	719	1997	2.33
110	.371848	115	43	94	231	2.01	110	.338356	583	197	484	1278	2.19
111	.390440	72	28	58	137	1.90	111	.358658	385	138	316	794	2.06
112	.409962	44	18	35	79	1.80	112	.380177	247	94	200	477	1.93
113	.430460	26	11	20	44	1.70	113	.402988	153	62	122	277	1.81
114	.451983	15	7	11	24	1.60	114	.427167	91	39	72	155	1.69
115	.474582	8	4	6	12	1.51	115	.452797	52	24	41	83	1.58
116	.498311	4	2	3	6	1.42	116	.479964	29	14	22	42	1.47
117	.523227	2	1	2	3	1.34	117	.508762	15	8	11	20	1.37
118	.549388	1	1	1	1	1.26	118	.539288	7	4	5	9	1.28
119	.576857	0	0	0	1	1.18	119	.571645	3	2	2	4	1.19

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1900

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.145954	100000	14595	90027	5151823	51.52	0	.119692	100000	11969	92047	5828507	58.29
1	.032822	85405	2803	84003	5061796	59.27	1	.030608	88031	2694	86684	5736460	65.16
2	.016343	82601	1350	81926	4977793	60.26	2	.014885	85336	1270	84701	5649776	66.21
3	.010517	81251	855	80824	4895867	60.26	3	.010107	84066	850	83641	5565075	66.20
4	.008748	80397	703	80045	4815043	59.89	4	.008225	83216	684	82874	5481434	65.87
5	.006285	79694	501	79443	4734998	59.41	5	.005853	82532	483	82290	5398560	65.41
6	.004622	79193	366	79010	4655555	58.79	6	.004284	82049	351	81873	5316269	64.79
7	.003263	78827	257	78698	4576544	58.06	7	.003063	81697	250	81572	5234396	64.07
8	.002562	78570	201	78469	4497846	57.25	8	.002316	81447	189	81353	5152824	63.27
9	.002031	78368	159	78289	4419378	56.39	9	.001858	81259	151	81183	5071471	62.41
10	.002106	78209	165	78127	4341089	55.51	10	.002027	81108	164	81025	4990288	61.53
11	.002165	78044	169	77960	4262963	54.62	11	.001975	80943	160	80863	4909262	60.65
12	.002116	77875	165	77793	4185003	53.74	12	.001947	80783	157	80705	4828399	59.77
13	.002392	77711	186	77618	4107209	52.85	13	.002274	80626	183	80534	4747694	58.89
14	.002535	77525	197	77426	4029592	51.98	14	.002330	80443	187	80349	4667160	58.02
15	.002669	77328	206	77225	3952165	51.11	15	.002558	80255	205	80153	4586811	57.15
16	.003199	77122	247	76998	3874940	50.24	16	.003039	80050	243	79928	4506659	56.30
17	.003779	76875	291	76730	3797942	49.40	17	.003639	79807	290	79661	4426730	55.47
18	.009134	76585	700	76235	3721212	48.59	18	.007849	79516	624	79204	4347068	54.67
19	.005308	75885	403	75684	3644977	48.03	19	.005174	78892	408	78688	4267864	54.10
20	.005073	75482	383	75291	3569294	47.29	20	.005348	78484	420	78274	4189177	53.38
21	.004373	75099	328	74935	3494003	46.53	21	.004576	78064	357	77886	4110902	52.66
22	.004493	74771	336	74603	3419068	45.73	22	.004674	77707	363	77525	4033017	51.90
23	.004719	74435	351	74259	3344464	44.93	23	.004789	77344	370	77159	3955491	51.14
24	.004557	74084	338	73915	3270205	44.14	24	.004711	76973	363	76792	3878333	50.39
25	.004618	73746	341	73576	3196290	43.34	25	.004765	76611	365	76428	3801541	49.62
26	.004667	73406	343	73234	3122714	42.54	26	.004865	76246	371	76060	3725112	48.86
27	.004566	73063	334	72896	3049480	41.74	27	.004577	75875	347	75701	3649052	48.09
28	.004936	72729	359	72550	2976583	40.93	28	.004717	75528	356	75349	3573351	47.31
29	.005041	72370	365	72188	2904034	40.13	29	.004758	75171	358	74992	3498001	46.53
30	.004911	72006	354	71829	2831846	39.33	30	.004445	74814	333	74647	3423009	45.75
31	.004963	71652	356	71474	2760017	38.52	31	.004473	74481	333	74314	3348362	44.96
32	.004717	71296	336	71128	2688543	37.71	32	.004322	74148	320	73988	3274047	44.16
33	.004861	70960	345	70788	2617414	36.89	33	.004260	73827	315	73670	3200060	43.35
34	.005213	70615	368	70431	2546627	36.06	34	.004365	73513	321	73352	3126389	42.53
35	.005530	70247	388	70053	2476196	35.25	35	.004580	73192	335	73024	3053037	41.71
36	.006052	69859	423	69647	2406143	34.44	36	.004935	72857	360	72677	2980012	40.90
37	.006006	69436	417	69227	2336496	33.65	37	.004821	72497	350	72323	2907335	40.10
38	.005553	69019	383	68827	2267269	32.85	38	.004511	72148	325	71985	2835013	39.29
39	.005626	68635	386	68442	2198441	32.03	39	.004481	71822	322	71661	2763028	38.47
40	.005951	68249	406	68046	2129999	31.21	40	.004596	71500	329	71336	2691366	37.64
41	.006272	67843	426	67630	2061953	30.39	41	.004690	71172	334	71005	2620030	36.81
42	.006538	67418	441	67197	1994322	29.58	42	.004763	70838	337	70669	2549025	35.98
43	.007011	66977	470	66742	1927125	28.77	43	.005030	70501	355	70323	2478356	35.15
44	.007210	66507	480	66268	1860383	27.97	44	.005052	70146	354	69969	2408033	34.33
45	.007749	66028	512	65772	1794115	27.17	45	.005257	69792	367	69608	2338064	33.50
46	.007950	65516	521	65256	1728344	26.38	46	.005389	69425	374	69238	2268455	32.68
47	.008689	64995	565	64713	1663088	25.59	47	.005750	69051	397	68852	2199218	31.85
48	.009474	64431	610	64125	1598375	24.81	48	.005914	68654	406	68451	2130366	31.03
49	.010195	63820	651	63495	1534250	24.04	49	.006282	68248	429	68033	2061915	30.21
50	.010936	63169	691	62824	1470755	23.28	50	.006563	67819	445	67596	1993882	29.40
51	.012109	62479	757	62100	1407931	22.53	51	.007273	67374	490	67129	1926286	28.59
52	.013129	61722	810	61317	1345830	21.80	52	.007646	66884	511	66628	1859157	27.80
53	.014100	60912	859	60482	1284513	21.09	53	.008052	66372	534	66105	1792529	27.01
54	.014461	60053	868	59619	1224031	20.38	54	.008066	65838	531	65572	1726424	26.22
55	.015557	59184	921	58724	1164412	19.67	55	.008370	65307	547	65034	1660851	25.43
56	.016982	58264	989	57769	1105688	18.98	56	.009140	64760	592	64464	1595818	24.64
57	.018588	57274	1065	56742	1047919	18.30	57	.009899	64168	635	63851	1531354	23.86
58	.019844	56210	1115	55652	991177	17.63	58	.010381	63533	660	63203	1467503	23.10
59	.021579	55094	1189	54500	935525	16.98	59	.011076	62874	696	62525	1404299	22.34



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1900

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.023924	53905	1290	53261	881025	16.34	60	.012370	62177	769	61793	1341774	21.58
61	.025624	52616	1348	51942	827765	15.73	61	.013310	61408	817	60999	1279981	20.84
62	.028128	51268	1442	50547	775823	15.13	62	.014745	60591	893	60144	1218982	20.12
63	.031119	49825	1551	49050	725277	14.56	63	.016062	59697	959	59218	1158838	19.41
64	.033024	48275	1594	47478	676226	14.01	64	.016735	58738	983	58247	1099620	18.72
65	.035538	46681	1659	45851	628748	13.47	65	.017935	57755	1036	57238	1041373	18.03
66	.038267	45022	1723	44160	582897	12.95	66	.019490	56720	1105	56167	984136	17.35
67	.039863	43299	1726	42436	538737	12.44	67	.020808	55614	1157	55036	927969	16.69
68	.043764	41573	1819	40663	496301	11.94	68	.021649	54457	1179	53867	872933	16.03
69	.045788	39754	1820	38843	455638	11.46	69	.022958	53278	1223	52666	819066	15.37
70	.048870	37933	1854	37006	416794	10.99	70	.025127	52055	1308	51401	766399	14.72
71	.052668	36079	1900	35129	379788	10.53	71	.027366	50747	1389	50053	714998	14.09
72	.057296	34179	1958	33200	344659	10.08	72	.030269	49358	1494	48611	664946	13.47
73	.060490	32221	1949	31246	311458	9.67	73	.032293	47864	1546	47091	616335	12.88
74	.062488	30272	1892	29326	280212	9.26	74	.034185	46318	1583	45527	569243	12.29
75	.065746	28380	1866	27447	250886	8.84	75	.036280	44735	1623	43924	523717	11.71
76	.070647	26514	1873	25578	223439	8.43	76	.039354	43112	1697	42264	479793	11.13
77	.074876	24641	1845	23719	197861	8.03	77	.042182	41415	1747	40542	437529	10.56
78	.079985	22796	1823	21884	174142	7.64	78	.046272	39668	1836	38751	396987	10.01
79	.083713	20973	1756	20095	152258	7.26	79	.049544	37833	1874	36896	358237	9.47
80	.092044	19217	1769	18333	132163	6.88	80	.056195	35959	2021	34948	321341	8.94
81	.097530	17448	1702	16597	113830	6.52	81	.060105	33938	2040	32918	286393	8.44
82	.102396	15747	1612	14940	97233	6.17	82	.064534	31898	2059	30869	253475	7.95
83	.113527	14134	1605	13332	82292	5.82	83	.072905	29839	2175	28752	222606	7.46
84	.120951	12530	1515	11772	68960	5.50	84	.079789	27664	2207	26560	193854	7.01
85	.131872	11014	1452	10288	57189	5.19	85	.088881	25457	2263	24325	167294	6.57
86	.140378	9562	1342	8891	46901	4.91	86	.096604	23194	2241	22074	142969	6.16
87	.150275	8219	1235	7602	38010	4.62	87	.106386	20953	2229	19839	120895	5.77
88	.166892	6984	1166	6401	30408	4.35	88	.119683	18724	2241	17604	101056	5.40
89	.173136	5819	1007	5315	24007	4.13	89	.126740	16483	2089	15439	83452	5.06
90	.187914	4811	904	4359	18692	3.89	90	.140976	14394	2029	13380	68013	4.73
91	.200743	3907	784	3515	14333	3.67	91	.153793	12365	1902	11414	54634	4.42
92	.214273	3123	669	2788	10818	3.46	92	.167719	10463	1755	9586	43219	4.13
93	.228510	2454	561	2173	8030	3.27	93	.182804	8708	1592	7912	33633	3.86
94	.243452	1893	461	1663	5856	3.09	94	.199076	7117	1417	6408	25721	3.61
95	.258621	1432	370	1247	4194	2.93	95	.215772	5700	1230	5085	19313	3.39
96	.273911	1062	291	916	2947	2.78	96	.232663	4470	1040	3950	14228	3.18
97	.289202	771	223	659	2031	2.63	97	.249447	3430	856	3002	10278	3.00
98	.304363	548	167	465	1371	2.50	98	.265817	2574	684	2232	7276	2.83
99	.319233	381	122	320	906	2.38	99	.281383	1890	532	1624	5044	2.67
100	.334903	260	87	216	586	2.26	100	.297886	1358	405	1156	3420	2.52
101	.351324	173	61	142	370	2.14	101	.315362	954	301	803	2264	2.37
102	.368485	112	41	91	228	2.03	102	.333738	653	218	544	1460	2.24
103	.386343	71	27	57	136	1.93	103	.353017	435	154	358	916	2.11
104	.404821	43	18	35	79	1.83	104	.373179	281	105	229	558	1.98
105	.423907	26	11	20	45	1.74	105	.394192	176	70	142	329	1.87
106	.443592	15	7	12	24	1.65	106	.416061	107	44	85	188	1.76
107	.463891	8	4	6	13	1.56	107	.438848	62	27	49	103	1.65
108	.484867	4	2	3	7	1.48	108	.462616	35	16	27	54	1.55
109	.506603	2	1	2	3	1.40	109	.487472	19	9	14	27	1.46
110	.529180	1	1	1	1	1.33	110	.513531	10	5	7	13	1.37
111	.552685	1	0	0	1	1.25	111	.540890	5	3	3	6	1.28
112	.577164	0	0	0	0	1.18	112	.569662	2	1	2	3	1.20
113	.602705	0	0	0	0	1.12	113	.599927	1	1	1	1	1.12
114	.629349	0	0	0	0	1.05	114	.629349	0	0	0	0	1.05
115	.657173	0	0	0	0	.99	115	.657173	0	0	0	0	.99
116	.686203	0	0	0	0	.93	116	.686203	0	0	0	0	.93
117	.716532	0	0	0	0	.87	117	.716532	0	0	0	0	.87
118	.748217	0	0	0	0	.82	118	.748217	0	0	0	0	.82
119	.781310	0	0	0	0	.77	119	.781310	0	0	0	0	.77

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1910

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.120058	100000	12006	91343	5619726	56.20	0	.098258	100000	9826	93083	6383750	63.84
1	.022843	87994	2010	86989	5528383	62.83	1	.021592	90174	1947	89201	6290667	69.76
2	.011035	85984	949	85510	5441394	63.28	2	.009866	88227	870	87792	6201466	70.29
3	.008333	85035	709	84681	5355885	62.98	3	.007822	87357	683	87015	6113674	69.99
4	.005795	84327	489	84082	5271204	62.51	4	.005364	86673	465	86441	6026659	69.53
5	.004095	83838	343	83666	5187121	61.87	5	.003715	86209	320	86048	5940218	68.91
6	.003533	83495	295	83347	5103454	61.12	6	.003112	85888	267	85755	5854170	68.16
7	.002825	83200	235	83082	5020107	60.34	7	.002426	85621	208	85517	5768415	67.37
8	.003546	82965	294	82818	4937025	59.51	8	.003316	85413	283	85272	5682898	66.53
9	.002349	82670	194	82573	4854208	58.72	9	.002052	85130	175	85043	5597626	65.75
10	.002158	82476	178	82387	4771635	57.85	10	.001844	84955	157	84877	5512584	64.89
11	.002140	82298	176	82210	4689247	56.98	11	.001777	84799	151	84723	5427707	64.01
12	.001936	82122	159	82043	4607037	56.10	12	.001639	84648	139	84579	5342983	63.12
13	.002182	81963	179	81874	4524994	55.21	13	.001863	84509	157	84431	5258405	62.22
14	.002326	81784	190	81689	4443120	54.33	14	.002025	84352	171	84266	5173974	61.34
15	.002611	81594	213	81488	4361430	53.45	15	.002384	84181	201	84081	5089708	60.46
16	.002840	81381	231	81266	4279943	52.59	16	.002670	83980	224	83868	5005628	59.60
17	.002996	81150	243	81028	4198677	51.74	17	.002834	83756	237	83637	4921760	58.76
18	.003524	80907	285	80764	4117649	50.89	18	.003296	83519	275	83381	4838122	57.93
19	.003702	80622	298	80473	4036885	50.07	19	.003464	83243	288	83099	4754741	57.12
20	.003737	80323	300	80173	3956412	49.26	20	.003407	82955	283	82814	4671642	56.32
21	.003805	80023	304	79871	3876239	48.44	21	.003507	82672	290	82527	4588828	55.51
22	.003564	79719	284	79577	3796368	47.62	22	.003350	82383	276	82245	4506301	54.70
23	.003589	79435	285	79292	3716792	46.79	23	.003256	82107	267	81973	4424056	53.88
24	.003736	79149	296	79002	3637500	45.96	24	.003310	81839	271	81704	4342083	53.06
25	.003792	78854	299	78704	3558498	45.13	25	.003359	81568	274	81431	4260379	52.23
26	.003963	78555	311	78399	3479794	44.30	26	.003567	81294	290	81149	4178947	51.41
27	.003846	78243	301	78093	3401395	43.47	27	.003325	81004	269	80870	4097798	50.59
28	.003406	77942	265	77810	3323302	42.64	28	.002977	80735	240	80615	4016928	49.75
29	.003310	77677	257	77548	3245493	41.78	29	.002849	80495	229	80380	3936314	48.90
30	.003397	77420	263	77288	3167944	40.92	30	.002769	80265	222	80154	3855934	48.04
31	.003446	77157	266	77024	3090655	40.06	31	.002733	80043	219	79934	3775780	47.17
32	.003534	76891	272	76755	3013631	39.19	32	.002643	79824	211	79719	3695846	46.30
33	.003584	76619	275	76482	2936876	38.33	33	.002800	79613	223	79502	3616127	45.42
34	.003745	76345	286	76202	2860394	37.47	34	.002821	79390	224	79278	3536625	44.55
35	.004109	76059	313	75902	2784193	36.61	35	.002875	79166	228	79053	3457346	43.67
36	.003721	75746	282	75605	2708290	35.75	36	.002799	78939	221	78828	3378294	42.80
37	.003808	75464	287	75321	2632685	34.89	37	.002794	78718	220	78608	3299465	41.92
38	.003990	75177	300	75027	2557364	34.02	38	.002841	78498	223	78386	3220857	41.03
39	.004145	74877	310	74722	2482337	33.15	39	.002834	78275	222	78164	3142471	40.15
40	.004356	74567	325	74404	2407615	32.29	40	.002974	78053	232	77937	3064307	39.26
41	.004864	74242	361	74061	2333211	31.43	41	.003184	77821	248	77697	2986370	38.37
42	.005190	73881	383	73689	2259150	30.58	42	.003318	77573	257	77445	2908673	37.50
43	.005586	73497	411	73292	2185461	29.74	43	.003462	77316	268	77182	2831228	36.62
44	.005672	73087	415	72880	2112169	28.90	44	.003506	77048	270	76913	2754046	35.74
45	.006169	72672	448	72448	2039289	28.06	45	.003653	76778	280	76638	2677133	34.87
46	.006807	72224	492	71978	1966841	27.23	46	.003989	76498	305	76345	2600496	33.99
47	.007496	71732	538	71463	1894863	26.42	47	.004362	76192	332	76026	2524151	33.13
48	.008172	71195	582	70904	1823400	25.61	48	.004660	75860	354	75683	2448124	32.27
49	.009128	70613	645	70291	1752496	24.82	49	.004939	75507	373	75320	2372441	31.42
50	.010327	69968	723	69607	1682205	24.04	50	.005434	75134	408	74929	2297121	30.57
51	.011036	69246	764	68864	1612598	23.29	51	.005880	74725	439	74506	2222192	29.74
52	.012278	68481	841	68061	1543735	22.54	52	.006375	74286	474	74049	2147686	28.91
53	.013350	67641	903	67189	1475674	21.82	53	.006847	73812	505	73560	2073637	28.09
54	.014119	66738	942	66267	1408484	21.10	54	.007217	73307	529	73042	2000077	27.28
55	.015198	65795	1000	65295	1342218	20.40	55	.007510	72778	547	72505	1927034	26.48
56	.016760	64795	1086	64252	1276923	19.71	56	.008077	72231	583	71940	1854530	25.67
57	.018038	63709	1149	63135	1212670	19.03	57	.008759	71648	628	71334	1782590	24.88
58	.020360	62560	1274	61923	1149535	18.37	58	.009820	71020	697	70672	1711256	24.10
59	.021845	61287	1339	60617	1087612	17.75	59	.010412	70323	732	69957	1640584	23.33

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1910

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x^o$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x^o$
60	.023475	59948	1407	59244	1026995	17.13	60	.011230	69591	782	69200	1570627	22.57
61	.024727	58540	1448	57817	967751	16.53	61	.011973	68809	824	68397	1501427	21.82
62	.027035	57093	1544	56321	909934	15.94	62	.012720	67985	865	67553	1433030	21.08
63	.028516	55549	1584	54757	853613	15.37	63	.013500	67121	906	66668	1365477	20.34
64	.029697	53965	1603	53164	798855	14.80	64	.014140	66215	936	65746	1298809	19.62
65	.031222	52363	1635	51545	745691	14.24	65	.014646	65278	956	64800	1233063	18.89
66	.033413	50728	1695	49880	694146	13.68	66	.015751	64322	1013	63816	1168262	18.16
67	.035137	49033	1723	48171	644266	13.14	67	.016941	63309	1073	62773	1104447	17.45
68	.037710	47310	1784	46418	596094	12.60	68	.018310	62237	1140	61667	1041674	16.74
69	.039641	45526	1805	44624	549676	12.07	69	.019509	61097	1192	60501	980007	16.04
70	.043118	43721	1885	42779	505052	11.55	70	.021939	59905	1314	59248	919506	15.35
71	.045525	41836	1905	40884	462274	11.05	71	.023458	58591	1374	57904	860258	14.68
72	.047918	39932	1913	38975	421390	10.55	72	.025289	57216	1447	56493	802355	14.02
73	.052852	38018	2009	37013	382415	10.06	73	.028083	55769	1566	54986	745862	13.37
74	.056402	36009	2031	34993	345402	9.59	74	.030570	54203	1657	53375	690876	12.75
75	.060949	33978	2071	32942	310408	9.14	75	.033466	52546	1759	51667	637501	12.13
76	.065226	31907	2081	30866	277466	8.70	76	.036536	50788	1856	49860	585834	11.53
77	.069816	29826	2082	28785	246600	8.27	77	.039910	48932	1953	47956	535974	10.95
78	.075444	27743	2093	26697	217815	7.85	78	.043651	46979	2051	45954	488018	10.39
79	.079012	25650	2027	24637	191118	7.45	79	.047046	44929	2114	43872	442064	9.84
80	.087188	23624	2060	22594	166481	7.05	80	.051842	42815	2220	41705	398193	9.30
81	.093942	21564	2026	20551	143887	6.67	81	.056527	40595	2295	39448	356488	8.78
82	.101231	19538	1978	18549	123336	6.31	82	.061776	38301	2366	37118	317040	8.28
83	.109086	17560	1916	16603	104787	5.97	83	.067640	35934	2431	34719	279922	7.79
84	.117548	15645	1839	14725	88185	5.64	84	.074182	33504	2485	32261	245203	7.32
85	.126651	13806	1749	12931	73459	5.32	85	.081482	31018	2527	29755	212942	6.86
86	.136427	12057	1645	11235	60528	5.02	86	.089630	28491	2554	27214	183187	6.43
87	.146897	10412	1530	9648	49293	4.73	87	.098721	25937	2561	24657	155973	6.01
88	.158079	8883	1404	8181	39646	4.46	88	.108839	23377	2544	22105	131316	5.62
89	.169981	7479	1271	6843	31465	4.21	89	.120059	20833	2501	19582	109211	5.24
90	.182603	6207	1133	5641	24622	3.97	90	.132428	18331	2428	17118	89629	4.89
91	.195914	5074	994	4577	18981	3.74	91	.145980	15904	2322	14743	72511	4.56
92	.209880	4080	856	3652	14404	3.53	92	.160695	13582	2183	12491	57768	4.25
93	.224439	3224	723	2862	10753	3.34	93	.176539	11400	2012	10393	45278	3.97
94	.239501	2500	599	2201	7891	3.16	94	.193436	9387	1816	8479	34884	3.72
95	.254509	1901	484	1659	5690	2.99	95	.210405	7571	1593	6775	26405	3.49
96	.269300	1417	382	1227	4031	2.84	96	.227101	5978	1358	5299	19630	3.28
97	.283727	1036	294	889	2804	2.71	97	.243187	4621	1124	4059	14331	3.10
98	.297666	742	221	631	1916	2.58	98	.258323	3497	903	3045	10272	2.94
99	.311011	521	162	440	1284	2.46	99	.272202	2594	706	2241	7227	2.79
100	.324871	359	117	301	844	2.35	100	.286753	1888	541	1617	4986	2.64
101	.339301	242	82	201	544	2.24	101	.302030	1346	407	1143	3369	2.50
102	.354329	160	57	132	342	2.14	102	.318096	940	299	790	2226	2.37
103	.370008	103	38	84	211	2.04	103	.334996	641	215	533	1436	2.24
104	.386366	65	25	53	126	1.94	104	.352791	426	150	351	903	2.12
105	.403447	40	16	32	74	1.84	105	.371525	276	102	225	552	2.00
106	.421269	24	10	19	42	1.75	106	.391251	173	68	139	327	1.89
107	.439889	14	6	11	23	1.67	107	.412034	106	43	84	188	1.78
108	.459341	8	4	6	12	1.58	108	.433923	62	27	49	104	1.67
109	.479657	4	2	3	6	1.50	109	.457000	35	16	27	55	1.57
110	.500885	2	1	2	3	1.42	110	.481297	19	9	14	28	1.48
111	.523063	1	1	1	1	1.35	111	.506888	10	5	7	14	1.39
112	.546225	1	0	0	1	1.27	112	.533870	5	3	4	6	1.30
113	.570420	0	0	0	0	1.20	113	.562288	2	1	2	3	1.22
114	.595710	0	0	0	0	1.13	114	.592235	1	1	1	1	1.14
115	.622127	0	0	0	0	1.07	115	.622127	0	0	0	0	1.07
116	.649720	0	0	0	0	1.01	116	.649720	0	0	0	0	1.01
117	.678613	0	0	0	0	.95	117	.678613	0	0	0	0	.95
118	.708742	0	0	0	0	.89	118	.708742	0	0	0	0	.89
119	.740231	0	0	0	0	.83	119	.740231	0	0	0	0	.83

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1920

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.085934	100000	8593	93479	6162687	61.63	0	.067732	100000	6773	94964	6961231	69.61
1	.015378	91407	1406	90704	6069208	66.40	1	.014178	93227	1322	92566	6866267	73.65
2	.007517	90001	677	89663	5978504	66.43	2	.006495	91905	597	91607	6773701	73.70
3	.005639	89324	504	89073	5888841	65.93	3	.005211	91308	476	91070	6682094	73.18
4	.003883	88821	345	88648	5799768	65.30	4	.003503	90832	318	90673	6591024	72.56
5	.003014	88476	267	88342	5711120	64.55	5	.002670	90514	242	90393	6500351	71.82
6	.002631	88209	232	88093	5622777	63.74	6	.002249	90272	203	90171	6409958	71.01
7	.002216	87977	195	87880	5534685	62.91	7	.001781	90069	160	89989	6319787	70.17
8	.001956	87782	172	87696	5446805	62.05	8	.001557	89909	140	89839	6229798	69.29
9	.001756	87610	154	87533	5359108	61.17	9	.001340	89769	120	89709	6139959	68.40
10	.001531	87457	134	87390	5271575	60.28	10	.001161	89649	104	89597	6050250	67.49
11	.001491	87323	130	87258	5184185	59.37	11	.001170	89545	105	89492	5960654	66.57
12	.001509	87192	132	87127	5096928	58.46	12	.001163	89440	104	89388	5871161	65.64
13	.001622	87061	141	86990	5009802	57.54	13	.001238	89336	111	89281	5781773	64.72
14	.001822	86920	158	86841	4922811	56.64	14	.001431	89225	128	89161	5692493	63.80
15	.002052	86761	178	86672	4835971	55.74	15	.001613	89098	144	89026	5603331	62.89
16	.002366	86583	205	86481	4749298	54.85	16	.001872	88954	167	88871	5514305	61.99
17	.002513	86378	217	86270	4662817	53.98	17	.001946	88787	173	88701	5425435	61.11
18	.002333	86161	201	86061	4576547	53.12	18	.001905	88615	169	88530	5336734	60.22
19	.002337	85960	201	85860	4490486	52.24	19	.001874	88446	166	88363	5248204	59.34
20	.002442	85759	209	85655	4404626	51.36	20	.001905	88280	168	88196	5159841	58.45
21	.002654	85550	227	85437	4318971	50.48	21	.001920	88112	169	88027	5071645	57.56
22	.002865	85323	244	85201	4233535	49.62	22	.001898	87943	167	87859	4983618	56.67
23	.003525	85079	300	84929	4148333	48.76	23	.001898	87776	167	87692	4895759	55.78
24	.003688	84779	313	84622	4063405	47.93	24	.001815	87609	159	87530	4808066	54.88
25	.003594	84466	304	84314	3978783	47.11	25	.001708	87450	149	87375	4720537	53.98
26	.002313	84162	195	84065	3894468	46.27	26	.001625	87301	142	87230	4633161	53.07
27	.002168	83968	182	83877	3810404	45.38	27	.001563	87159	136	87091	4545932	52.16
28	.002102	83786	176	83698	3726527	44.48	28	.001446	87023	126	86960	4458840	51.24
29	.002060	83610	172	83523	3642829	43.57	29	.001424	86897	124	86835	4371880	50.31
30	.002132	83437	178	83348	3559305	42.66	30	.001431	86773	124	86711	4285045	49.38
31	.002221	83259	185	83167	3475957	41.75	31	.001456	86649	126	86586	4198334	48.45
32	.002271	83075	189	82980	3392790	40.84	32	.001479	86523	128	86459	4111749	47.52
33	.002323	82886	193	82790	3309810	39.93	33	.001488	86395	129	86331	4025290	46.59
34	.002295	82693	190	82598	3227020	39.02	34	.001494	86266	129	86202	3938959	45.66
35	.002425	82504	200	82404	3144422	38.11	35	.001580	86137	136	86069	3852758	44.73
36	.002555	82303	210	82198	3062018	37.20	36	.001661	86001	143	85930	3766688	43.80
37	.002877	82093	236	81975	2979820	36.30	37	.001875	85858	161	85778	3680759	42.87
38	.003105	81857	254	81730	2897845	35.40	38	.001956	85697	168	85614	3594981	41.95
39	.003370	81603	275	81465	2816115	34.51	39	.002084	85530	178	85441	3509367	41.03
40	.003753	81328	305	81175	2734650	33.63	40	.002348	85352	200	85251	3423926	40.12
41	.004108	81023	333	80856	2653475	32.75	41	.002458	85151	209	85046	3338675	39.21
42	.004510	80690	364	80508	2572618	31.88	42	.002734	84942	232	84826	3253629	38.30
43	.005009	80326	402	80125	2492110	31.03	43	.003015	84710	255	84582	3168803	37.41
44	.005573	79924	445	79701	2411986	30.18	44	.003244	84454	274	84317	3084221	36.52
45	.006078	79478	483	79237	2332285	29.35	45	.003587	84180	302	84029	2999903	35.64
46	.006813	78995	538	78726	2253048	28.52	46	.003927	83878	329	83714	2915874	34.76
47	.007457	78457	585	78164	2174323	27.71	47	.004216	83549	352	83373	2832161	33.90
48	.008418	77872	656	77544	2096158	26.92	48	.004672	83197	389	83002	2748788	33.04
49	.009037	77216	698	76867	2018614	26.14	49	.004870	82808	403	82606	2665786	32.19
50	.009718	76518	744	76147	1941747	25.38	50	.005281	82405	435	82187	2583179	31.35
51	.010331	75775	783	75383	1865600	24.62	51	.005563	81970	456	81742	2500993	30.51
52	.011252	74992	844	74570	1790217	23.87	52	.005774	81514	471	81278	2419251	29.68
53	.011958	74148	887	73705	1715647	23.14	53	.006239	81043	506	80790	2337973	28.85
54	.012723	73262	932	72795	1641942	22.41	54	.006517	80537	525	80275	2257183	28.03
55	.013403	72329	969	71845	1569146	21.69	55	.006861	80012	549	79738	2176908	27.21
56	.014224	71360	1015	70852	1497302	20.98	56	.007258	79463	577	79175	2097170	26.39
57	.014949	70345	1052	69819	1426449	20.28	57	.007597	78887	599	78587	2017995	25.58
58	.015977	69293	1107	68740	1356630	19.58	58	.008131	78287	637	77969	1939408	24.77
59	.017016	68186	1160	67606	1287890	18.89	59	.008622	77651	670	77316	1861439	23.97

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1920

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.018426	67026	1235	66409	1220284	18.21	60	.009541	76981	734	76614	1784123	23.18
61	.019492	65791	1282	65150	1153876	17.54	61	.010290	76247	785	75855	1707509	22.39
62	.020793	64509	1341	63838	1088726	16.88	62	.011104	75462	838	75043	1631654	21.62
63	.022637	63167	1430	62452	1024888	16.22	63	.012164	74624	908	74170	1556611	20.86
64	.024461	61737	1510	60982	962435	15.59	64	.013120	73717	967	73233	1482441	20.11
65	.026478	60227	1595	59430	901453	14.97	65	.014221	72749	1035	72232	1409207	19.37
66	.028376	58633	1664	57801	842023	14.36	66	.015509	71715	1112	71159	1336975	18.64
67	.030292	56969	1726	56106	784223	13.77	67	.016663	70603	1176	70014	1265817	17.93
68	.033697	55243	1862	54312	728117	13.18	68	.018254	69426	1267	68793	1195802	17.22
69	.034920	53382	1864	52449	673804	12.62	69	.019324	68159	1317	67500	1127010	16.54
70	.037626	51517	1938	50548	621355	12.06	70	.021202	66842	1417	66133	1059509	15.85
71	.040380	49579	2002	48578	570807	11.51	71	.022952	65425	1502	64674	993376	15.18
72	.043489	47577	2069	46543	522229	10.98	72	.024813	63923	1586	63130	928702	14.53
73	.047025	45508	2140	44438	475686	10.45	73	.026775	62337	1669	61502	865573	13.89
74	.050991	43368	2211	42262	431248	9.94	74	.028883	60668	1752	59792	804070	13.25
75	.055383	41157	2279	40017	388986	9.45	75	.031275	58916	1843	57994	744279	12.63
76	.060146	38877	2338	37708	348969	8.98	76	.033962	57073	1938	56104	686285	12.02
77	.065251	36539	2384	35347	311261	8.52	77	.036841	55135	2031	54119	630181	11.43
78	.070682	34155	2414	32948	275914	8.08	78	.039907	53103	2119	52044	576062	10.85
79	.076505	31741	2428	30526	242967	7.65	79	.043264	50984	2206	49881	524018	10.28
80	.082839	29312	2428	28098	212440	7.25	80	.047118	48778	2298	47629	474137	9.72
81	.089750	26884	2413	25678	184342	6.86	81	.051575	46480	2397	45281	426507	9.18
82	.097222	24471	2379	23282	158664	6.48	82	.056607	44083	2495	42835	381226	8.65
83	.105272	22092	2326	20929	135383	6.13	83	.062250	41587	2589	40293	338391	8.14
84	.113892	19766	2251	18641	114453	5.79	84	.068582	38999	2675	37661	298098	7.64
85	.123069	17515	2156	16437	95813	5.47	85	.075704	36324	2750	34949	260436	7.17
86	.132777	15360	2039	14340	79375	5.17	86	.083706	33574	2810	32169	225487	6.72
87	.143001	13320	1905	12368	65035	4.88	87	.092654	30764	2850	29339	193318	6.28
88	.153728	11415	1755	10538	52668	4.61	88	.102588	27913	2864	26482	163980	5.87
89	.164952	9661	1594	8864	42130	4.36	89	.113512	25050	2843	23628	137498	5.49
90	.176672	8067	1425	7354	33266	4.12	90	.125418	22206	2785	20814	113870	5.13
91	.188886	6642	1255	6015	25911	3.90	91	.138292	19421	2686	18078	93056	4.79
92	.201598	5387	1086	4844	19897	3.69	92	.152112	16735	2546	15463	74978	4.48
93	.214806	4301	924	3839	15053	3.50	93	.166859	14190	2368	13006	59515	4.19
94	.228513	3377	772	2991	11214	3.32	94	.182504	11822	2158	10743	46509	3.93
95	.242195	2606	631	2290	8222	3.16	95	.198136	9665	1915	8707	35766	3.70
96	.255739	1974	505	1722	5932	3.00	96	.213494	7750	1655	6922	27059	3.49
97	.269045	1470	395	1272	4210	2.86	97	.228312	6095	1392	5399	20136	3.30
98	.281995	1074	303	923	2938	2.74	98	.242300	4704	1140	4134	14737	3.13
99	.294468	771	227	658	2016	2.61	99	.255186	3564	909	3109	10603	2.98
100	.307500	544	167	460	1358	2.50	100	.268754	2654	713	2298	7494	2.82
101	.321116	377	121	316	897	2.38	101	.283044	1941	549	1666	5196	2.68
102	.335335	256	86	213	581	2.27	102	.298110	1392	415	1184	3530	2.54
103	.350189	170	60	140	368	2.17	103	.313979	977	307	823	2346	2.40
104	.365714	110	40	90	228	2.06	104	.330701	670	222	559	1522	2.27
105	.381932	70	27	57	138	1.96	105	.348314	448	156	370	963	2.15
106	.398872	43	17	35	81	1.87	106	.366888	292	107	239	593	2.03
107	.416609	26	11	21	46	1.78	107	.386444	185	72	149	354	1.91
108	.435106	15	7	12	26	1.69	108	.407052	114	46	90	205	1.80
109	.454438	9	4	7	14	1.60	109	.428773	67	29	53	114	1.70
110	.474624	5	2	4	7	1.52	110	.451659	38	17	30	61	1.60
111	.495723	2	1	2	4	1.44	111	.475768	21	10	16	32	1.50
112	.517762	1	1	1	2	1.36	112	.501178	11	6	8	16	1.41
113	.540796	1	0	0	1	1.29	113	.527962	6	3	4	7	1.32
114	.564864	0	0	0	0	1.22	114	.556184	3	1	2	3	1.23
115	.590017	0	0	0	0	1.15	115	.585921	1	1	1	1	1.16
116	.616292	0	0	0	0	1.08	116	.616292	0	0	0	1	1.08
117	.643753	0	0	0	0	1.02	117	.643753	0	0	0	0	1.02
118	.672456	0	0	0	0	.96	118	.672456	0	0	0	0	.96
119	.702447	0	0	0	0	.90	119	.702447	0	0	0	0	.90

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1925

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.070928	100000	7093	94484	6383508	63.84	0	.055974	100000	5597	95728	7167839	71.68
1	.013885	92907	1290	92262	6289024	67.69	1	.012740	94403	1203	93801	7072111	74.91
2	.005967	91617	547	91344	6196762	67.64	2	.005213	93200	486	92957	6978309	74.87
3	.004584	91071	417	90862	6105418	67.04	3	.004167	92714	386	92521	6885352	74.26
4	.003556	90653	322	90492	6014556	66.35	4	.003228	92328	298	92179	6792832	73.57
5	.002736	90331	247	90207	5924064	65.58	5	.002343	92030	216	91922	6700653	72.81
6	.002213	90084	199	89984	5833857	64.76	6	.001864	91814	171	91729	6608731	71.98
7	.001748	89884	157	89806	5743873	63.90	7	.001495	91643	137	91574	6517003	71.11
8	.001525	89727	137	89659	5654068	63.01	8	.001252	91506	115	91449	6425428	70.22
9	.001441	89590	129	89526	5564409	62.11	9	.001130	91391	103	91340	6333979	69.31
10	.001460	89461	131	89396	5474883	61.20	10	.001121	91288	102	91237	6242640	68.38
11	.001417	89331	127	89267	5385487	60.29	11	.001064	91186	97	91137	6151403	67.46
12	.001361	89204	121	89143	5296221	59.37	12	.001036	91089	94	91042	6060266	66.53
13	.001346	89083	120	89023	5207077	58.45	13	.001036	90994	94	90947	5969225	65.60
14	.001468	88963	131	88897	5118055	57.53	14	.001088	90900	99	90851	5878278	64.67
15	.001535	88832	136	88764	5029158	56.61	15	.001227	90801	111	90745	5787427	63.74
16	.001756	88696	156	88618	4940393	55.70	16	.001306	90690	118	90631	5696682	62.82
17	.001816	88540	161	88460	4851775	54.80	17	.001282	90571	116	90513	5606051	61.90
18	.002293	88379	203	88278	4763316	53.90	18	.001411	90455	128	90391	5515537	60.98
19	.002826	88176	249	88052	4675038	53.02	19	.001405	90328	127	90264	5425146	60.06
20	.003342	87927	294	87780	4586986	52.17	20	.001447	90201	131	90135	5334882	59.14
21	.002467	87633	216	87525	4499206	51.34	21	.001483	90070	134	90003	5244746	58.23
22	.002340	87417	205	87315	4411680	50.47	22	.001388	89937	125	89874	5154743	57.32
23	.002237	87213	195	87115	4324365	49.58	23	.001261	89812	113	89755	5064869	56.39
24	.002026	87018	176	86929	4237250	48.69	24	.001160	89699	104	89646	4975114	55.46
25	.001956	86841	170	86756	4150321	47.79	25	.001130	89594	101	89544	4885467	54.53
26	.002000	86671	173	86585	4063564	46.88	26	.001133	89493	101	89443	4795923	53.59
27	.001990	86498	172	86412	3976980	45.98	27	.001145	89392	102	89341	4706481	52.65
28	.001865	86326	161	86245	3890567	45.07	28	.001079	89289	96	89241	4617140	51.71
29	.001845	86165	159	86085	3804322	44.15	29	.001046	89193	93	89146	4527899	50.77
30	.001850	86006	159	85926	3718237	43.23	30	.001083	89100	96	89052	4438752	49.82
31	.001950	85847	167	85763	3632310	42.31	31	.001165	89003	104	88951	4349701	48.87
32	.002080	85679	178	85590	3546547	41.39	32	.001321	88900	117	88841	4260750	47.93
33	.002139	85501	183	85410	3460956	40.48	33	.001338	88782	119	88723	4171909	46.99
34	.002266	85318	193	85222	3375547	39.56	34	.001423	88663	126	88600	4083186	46.05
35	.002424	85125	206	85022	3290325	38.65	35	.001515	88537	134	88470	3994586	45.12
36	.002555	84919	217	84810	3205303	37.75	36	.001631	88403	144	88331	3906115	44.19
37	.002881	84702	244	84580	3120493	36.84	37	.001831	88259	162	88178	3817785	43.26
38	.003194	84458	270	84323	3035913	35.95	38	.002015	88097	178	88009	3729606	42.34
39	.003514	84188	296	84040	2951591	35.06	39	.002155	87920	189	87825	3641598	41.42
40	.003842	83892	322	83731	2867551	34.18	40	.002341	87730	205	87628	3553773	40.51
41	.004278	83570	358	83391	2783819	33.31	41	.002537	87525	222	87414	3466145	39.60
42	.004655	83212	387	83019	2700429	32.45	42	.002699	87303	236	87185	3378731	38.70
43	.005267	82825	436	82607	2617410	31.60	43	.003073	87067	268	86934	3291546	37.80
44	.005803	82389	478	82150	2534803	30.77	44	.003300	86800	286	86657	3204613	36.92
45	.006259	81911	513	81654	2452653	29.94	45	.003553	86513	307	86360	3117956	36.04
46	.006659	81398	542	81127	2370999	29.13	46	.003772	86206	325	86043	3031597	35.17
47	.007471	80856	604	80554	2289872	28.32	47	.004106	85881	353	85704	2945553	34.30
48	.007934	80252	637	79933	2209319	27.53	48	.004334	85528	371	85343	2859849	33.44
49	.008300	79615	661	79285	2129385	26.75	49	.004424	85157	377	84969	2774506	32.58
50	.008688	78954	686	78611	2050100	25.97	50	.004590	84781	389	84586	2689537	31.72
51	.009263	78268	725	77906	1971489	25.19	51	.004897	84392	413	84185	2604951	30.87
52	.009987	77543	774	77156	1893583	24.42	52	.005243	83978	440	83758	2520766	30.02
53	.010649	76769	818	76360	1816427	23.66	53	.005548	83538	463	83306	2437007	29.17
54	.011126	75951	845	75529	1740067	22.91	54	.005781	83075	480	82834	2353701	28.33
55	.012175	75106	914	74649	1664538	22.16	55	.006296	82594	520	82334	2270867	27.49
56	.013019	74192	966	73709	1589889	21.43	56	.006792	82074	557	81796	2188532	26.67
57	.013785	73226	1009	72721	1516180	20.71	57	.007241	81517	590	81222	2106737	25.84
58	.014907	72217	1077	71678	1443458	19.99	58	.007909	80927	640	80607	2025515	25.03
59	.015896	71140	1131	70575	1371780	19.28	59	.008552	80287	687	79943	1944909	24.22

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1925

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.017097	70009	1197	69411	1301206	18.59	60	.009331	79600	743	79229	1864966	23.43
61	.018241	68812	1255	68185	1231795	17.90	61	.010151	78857	800	78457	1785737	22.65
62	.019757	67557	1335	66890	1163610	17.22	62	.010985	78057	857	77628	1707280	21.87
63	.021259	66222	1408	65518	1096720	16.56	63	.011879	77199	917	76741	1629652	21.11
64	.022643	64815	1468	64081	1031202	15.91	64	.012676	76282	967	75799	1552912	20.36
65	.024793	63347	1571	62562	967121	15.27	65	.013994	75315	1054	74788	1477113	19.61
66	.026876	61776	1660	60946	904559	14.64	66	.015223	74261	1130	73696	1402325	18.88
67	.029013	60116	1744	59244	843613	14.03	67	.016510	73131	1207	72527	1328629	18.17
68	.031147	58372	1818	57463	784369	13.44	68	.017824	71923	1282	71282	1256101	17.46
69	.033352	56554	1886	55611	726906	12.85	69	.019189	70641	1356	69964	1184819	16.77
70	.035757	54668	1955	53690	671295	12.28	70	.020708	69286	1435	68568	1114855	16.09
71	.038492	52713	2029	51698	617605	11.72	71	.022399	67851	1520	67091	1046287	15.42
72	.041606	50684	2109	49629	565907	11.17	72	.024185	66331	1604	65529	979196	14.76
73	.045174	48575	2194	47478	516277	10.63	73	.026053	64727	1686	63884	913667	14.12
74	.049192	46381	2282	45240	468799	10.11	74	.028052	63041	1768	62157	849783	13.48
75	.053644	44099	2366	42916	423559	9.60	75	.030335	61272	1859	60343	787626	12.85
76	.058473	41734	2440	40513	380643	9.12	76	.032916	59414	1956	58436	727283	12.24
77	.063642	39293	2501	38043	340130	8.66	77	.035683	57458	2050	56433	668847	11.64
78	.069119	36793	2543	35521	302087	8.21	78	.038633	55408	2141	54337	612415	11.05
79	.074953	34250	2567	32966	266566	7.78	79	.041873	53267	2230	52152	558077	10.48
80	.081238	31682	2574	30395	233600	7.37	80	.045617	51037	2328	49873	505925	9.91
81	.088024	29109	2562	27827	203204	6.98	81	.049958	48709	2433	47492	456053	9.36
82	.095290	26546	2530	25282	175377	6.61	82	.054837	46275	2538	45006	408561	8.83
83	.103072	24017	2475	22779	150095	6.25	83	.060296	43738	2637	42419	363554	8.31
84	.111381	21541	2399	20342	127316	5.91	84	.066427	41100	2730	39735	321135	7.81
85	.120220	19142	2301	17991	106975	5.59	85	.073329	38370	2814	36963	281400	7.33
86	.129575	16841	2182	15750	88983	5.28	86	.081087	35557	2883	34115	244437	6.87
87	.139435	14659	2044	13637	73234	5.00	87	.089755	32673	2933	31207	210322	6.44
88	.149789	12615	1890	11670	59597	4.72	88	.099363	29741	2955	28263	179115	6.02
89	.160633	10725	1723	9864	47927	4.47	89	.109917	26786	2944	25314	150852	5.63
90	.171970	9002	1548	8228	38063	4.23	90	.121418	23841	2895	22394	125538	5.27
91	.183796	7454	1370	6769	29835	4.00	91	.133853	20947	2804	19545	103144	4.92
92	.196123	6084	1193	5488	23066	3.79	92	.147214	18143	2671	16807	83599	4.61
93	.208952	4891	1022	4380	17578	3.59	93	.161484	15472	2498	14223	66792	4.32
94	.222285	3869	860	3439	13198	3.41	94	.176645	12974	2292	11828	52569	4.05
95	.235603	3009	709	2654	9759	3.24	95	.191795	10682	2049	9657	40741	3.81
96	.248800	2300	572	2014	7105	3.09	96	.206683	8633	1784	7741	31084	3.60
97	.261764	1728	452	1502	5091	2.95	97	.221054	6849	1514	6092	23343	3.41
98	.274382	1276	350	1101	3589	2.81	98	.234623	5335	1252	4709	17251	3.23
99	.286547	926	265	793	2489	2.69	99	.247119	4083	1009	3579	12542	3.07
100	.299254	660	198	562	1696	2.57	100	.260281	3074	800	2674	8963	2.92
101	.312526	463	145	390	1134	2.45	101	.274160	2274	623	1962	6289	2.77
102	.326425	318	104	266	744	2.34	102	.288773	1651	477	1412	4327	2.62
103	.340917	214	73	178	478	2.23	103	.304173	1174	357	995	2915	2.48
104	.356064	141	50	116	300	2.13	104	.320404	817	262	686	1919	2.35
105	.371880	91	34	74	184	2.02	105	.337506	555	187	461	1233	2.22
106	.388412	57	22	46	110	1.93	106	.355522	368	131	302	772	2.10
107	.405680	35	14	28	64	1.83	107	.374509	237	89	193	470	1.98
108	.423728	21	9	16	36	1.74	108	.394524	148	58	119	277	1.87
109	.442586	12	5	9	20	1.65	109	.415613	90	37	71	158	1.76
110	.462294	7	3	5	10	1.57	110	.437835	52	23	41	87	1.66
111	.482881	4	2	3	5	1.49	111	.461258	29	14	23	46	1.56
112	.504398	2	1	1	3	1.41	112	.485949	16	8	12	23	1.46
113	.526887	1	0	1	1	1.33	113	.511961	8	4	6	11	1.37
114	.550386	0	0	0	1	1.26	114	.539381	4	2	3	5	1.28
115	.574934	0	0	0	0	1.19	115	.568273	2	1	1	2	1.20
116	.600595	0	0	0	0	1.12	116	.598740	1	0	1	1	1.12
117	.627406	0	0	0	0	1.06	117	.627406	0	0	0	0	1.06
118	.655440	0	0	0	0	.99	118	.655440	0	0	0	0	.99
119	.684732	0	0	0	0	.93	119	.684732	0	0	0	0	.93

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1930

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.064952	100000	6495	94826	6572119	65.72	0	.051786	100000	5179	95945	7335922	73.36
1	.010131	93505	947	93031	6477292	69.27	1	.009081	94821	861	94391	7239978	76.35
2	.004671	92558	432	92341	6384262	68.98	2	.004085	93960	384	93768	7145587	76.05
3	.003410	92125	314	91968	6291920	68.30	3	.003031	93576	284	93435	7051818	75.36
4	.002934	91811	269	91676	6199952	67.53	4	.002609	93293	243	93171	6958384	74.59
5	.002223	91542	203	91440	6108276	66.73	5	.001948	93049	181	92959	6865213	73.78
6	.001911	91338	175	91251	6016836	65.87	6	.001566	92868	145	92795	6772253	72.92
7	.001567	91164	143	91092	5925585	65.00	7	.001222	92723	113	92666	6679458	72.04
8	.001237	91021	113	90964	5834492	64.10	8	.000964	92609	89	92565	6586792	71.12
9	.001072	90908	97	90859	5743528	63.18	9	.000758	92520	70	92485	6494227	70.19
10	.001019	90811	93	90764	5652668	62.25	10	.000730	92450	67	92416	6401742	69.25
11	.000976	90718	89	90674	5561904	61.31	11	.000685	92383	63	92351	6309325	68.30
12	.000976	90630	88	90585	5471230	60.37	12	.000639	92319	59	92290	6216975	67.34
13	.001128	90541	102	90490	5380644	59.43	13	.000773	92260	71	92225	6124684	66.38
14	.001327	90439	120	90379	5290154	58.49	14	.000827	92189	76	92151	6032460	65.44
15	.001459	90319	132	90253	5199776	57.57	15	.000899	92113	83	92071	5940309	64.49
16	.001581	90187	143	90116	5109522	56.65	16	.000920	92030	85	91988	5848237	63.55
17	.001584	90045	143	89973	5019406	55.74	17	.000976	91945	90	91900	5756250	62.61
18	.001652	89902	149	89828	4929433	54.83	18	.000973	91856	89	91811	5664350	61.67
19	.001710	89754	153	89677	4839605	53.92	19	.000920	91766	84	91724	5572539	60.73
20	.001801	89600	161	89519	4749928	53.01	20	.000920	91682	84	91640	5480815	59.78
21	.001992	89439	178	89350	4660408	52.11	21	.000914	91597	84	91556	5389175	58.84
22	.002142	89261	191	89165	4571059	51.21	22	.000898	91514	82	91473	5297619	57.89
23	.002171	89069	193	88973	4481894	50.32	23	.000838	91431	77	91393	5206147	56.94
24	.001982	88876	176	88788	4392921	49.43	24	.000822	91355	75	91317	5114754	55.99
25	.001889	88700	168	88616	4304133	48.52	25	.000846	91280	77	91241	5023436	55.03
26	.001774	88532	157	88454	4215517	47.62	26	.000847	91203	77	91164	4932195	54.08
27	.001717	88375	152	88299	4127064	46.70	27	.000923	91125	84	91083	4841031	53.13
28	.001674	88223	148	88150	4038765	45.78	28	.000940	91041	86	90998	4749949	52.17
29	.001762	88076	155	87998	3950615	44.85	29	.000997	90956	91	90910	4658950	51.22
30	.001825	87921	160	87840	3862617	43.93	30	.001062	90865	96	90817	4568040	50.27
31	.001864	87760	164	87678	3774777	43.01	31	.001120	90768	102	90718	4477223	49.33
32	.001973	87597	173	87510	3687098	42.09	32	.001200	90667	109	90612	4386506	48.38
33	.002138	87424	187	87330	3599588	41.17	33	.001313	90558	119	90499	4295893	47.44
34	.002377	87237	207	87133	3512258	40.26	34	.001459	90439	132	90373	4205394	46.50
35	.002546	87029	222	86919	3425125	39.36	35	.001565	90307	141	90236	4115021	45.57
36	.002781	86808	241	86687	3338207	38.46	36	.001652	90166	149	90091	4024783	44.64
37	.003072	86566	266	86433	3251519	37.56	37	.001829	90017	165	89935	3934693	43.71
38	.003413	86301	295	86153	3165086	36.68	38	.002023	89852	182	89761	3844759	42.79
39	.003749	86006	322	85845	3078933	35.80	39	.002188	89670	196	89572	3754998	41.88
40	.004020	85684	344	85511	2993088	34.93	40	.002315	89474	207	89371	3665426	40.97
41	.004223	85339	360	85159	2907576	34.07	41	.002496	89267	223	89156	3576055	40.06
42	.004549	84979	387	84785	2822418	33.21	42	.002662	89044	237	88926	3486899	39.16
43	.004894	84592	414	84385	2737632	32.36	43	.002822	88807	251	88682	3397973	38.26
44	.005204	84178	438	83959	2653247	31.52	44	.002962	88557	262	88425	3309291	37.37
45	.005485	83740	459	83510	2569288	30.68	45	.003071	88294	271	88159	3220866	36.48
46	.005859	83281	488	83037	2485778	29.85	46	.003238	88023	285	87881	3132707	35.59
47	.006186	82793	512	82537	2402741	29.02	47	.003405	87738	299	87589	3044826	34.70
48	.006638	82281	546	82008	2320204	28.20	48	.003672	87439	321	87279	2957238	33.82
49	.007131	81734	583	81443	2238197	27.38	49	.003802	87118	331	86953	2869959	32.94
50	.007739	81152	628	80838	2156754	26.58	50	.004175	86787	362	86606	2783006	32.07
51	.008233	80524	663	80192	2075916	25.78	51	.004454	86425	385	86232	2696400	31.20
52	.008676	79861	693	79514	1995724	24.99	52	.004656	86040	401	85840	2610168	30.34
53	.009361	79168	741	78797	1916210	24.20	53	.005150	85639	441	85419	2524328	29.48
54	.010092	78427	791	78031	1837412	23.43	54	.005485	85198	467	84965	2438909	28.63
55	.011047	77635	858	77206	1759382	22.66	55	.005968	84731	506	84478	2353945	27.78
56	.011640	76778	894	76331	1682175	21.91	56	.006238	84225	525	83963	2269467	26.95
57	.012442	75884	944	75412	1605844	21.16	57	.006817	83700	571	83415	2185504	26.11
58	.013525	74940	1014	74433	1530433	20.42	58	.007602	83129	632	82813	2102090	25.29
59	.014484	73926	1071	73391	1456000	19.70	59	.008181	82497	675	82160	2019277	24.48



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1930

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.015616	72855	1138	72287	1382609	18.98	60	.008940	81822	731	81457	1937117	23.67
61	.016767	71718	1202	71116	1310323	18.27	61	.009729	81091	789	80696	1855660	22.88
62	.018073	70515	1274	69878	1239206	17.57	62	.010583	80302	850	79877	1774964	22.10
63	.019584	69241	1356	68563	1169328	16.89	63	.011516	79452	915	78995	1695087	21.33
64	.021300	67885	1446	67162	1100765	16.22	64	.012541	78537	985	78045	1616092	20.58
65	.023250	66439	1545	65666	1033603	15.56	65	.013705	77552	1063	77021	1538048	19.83
66	.025349	64894	1645	64072	967937	14.92	66	.014979	76489	1146	75916	1461027	19.10
67	.027487	63249	1739	62380	903865	14.29	67	.016288	75344	1227	74730	1385110	18.38
68	.029605	61511	1821	60600	841485	13.68	68	.017596	74116	1304	73464	1310380	17.68
69	.031791	59690	1898	58741	780885	13.08	69	.018935	72812	1379	72123	1236916	16.99
70	.034182	57792	1975	56804	722145	12.50	70	.020420	71434	1459	70704	1164793	16.31
71	.036921	55817	2061	54786	665340	11.92	71	.022070	69975	1544	69203	1094089	15.64
72	.040061	53756	2154	52679	610554	11.36	72	.023794	68431	1628	67616	1024886	14.98
73	.043674	51602	2254	50475	557875	10.81	73	.025577	66802	1709	65948	952720	14.33
74	.047739	49349	2356	48171	507400	10.28	74	.027473	65094	1788	64200	891322	13.69
75	.052224	46993	2454	45766	459229	9.77	75	.029647	63305	1877	62367	827122	13.07
76	.057046	44539	2541	43268	413464	9.28	76	.032111	61429	1973	60442	764755	12.45
77	.062151	41998	2610	40693	370195	8.81	77	.034753	59456	2066	58423	704313	11.85
78	.067497	39388	2659	38058	329503	8.37	78	.037568	57390	2156	56312	645890	11.25
79	.073139	36729	2686	35386	291444	7.93	79	.040669	55234	2246	54111	589578	10.67
80	.079184	34043	2696	32695	256058	7.52	80	.044262	52987	2345	51815	535468	10.11
81	.085708	31347	2687	30004	223364	7.13	81	.048434	50642	2453	49416	483653	9.55
82	.092723	28660	2657	27332	193360	6.75	82	.053135	48189	2561	46909	434237	9.01
83	.100276	26003	2607	24699	166028	6.38	83	.058413	45629	2665	44296	387328	8.49
84	.108374	23395	2535	22128	141329	6.04	84	.064354	42963	2765	41581	343032	7.98
85	.116999	20860	2441	19640	119201	5.71	85	.071048	40199	2856	38771	301451	7.50
86	.126123	18419	2323	17258	99561	5.41	86	.078567	37343	2934	35876	262680	7.03
87	.135728	16096	2185	15004	82304	5.11	87	.086959	34409	2992	32913	226805	6.59
88	.145801	13912	2028	12897	67300	4.84	88	.096252	31417	3024	29905	193892	6.17
89	.156343	11883	1858	10954	54402	4.58	89	.106455	28393	3023	26881	163988	5.78
90	.167359	10025	1678	9186	43448	4.33	90	.117572	25370	2983	23879	137106	5.40
91	.178856	8348	1493	7601	34262	4.10	91	.129600	22387	2901	20937	113228	5.06
92	.190843	6855	1308	6200	26661	3.89	92	.142531	19486	2777	18097	92291	4.74
93	.203328	5546	1128	4983	20460	3.69	93	.156353	16709	2612	15402	74194	4.44
94	.216317	4419	956	3941	15478	3.50	94	.171054	14096	2411	12891	58792	4.17
95	.229292	3463	794	3066	11537	3.33	95	.185745	11685	2170	10600	45901	3.93
96	.242150	2669	646	2346	8471	3.17	96	.200193	9514	1905	8562	35301	3.71
97	.254810	2023	515	1765	6125	3.03	97	.214130	7610	1629	6795	26739	3.51
98	.267118	1507	403	1306	4360	2.89	98	.227296	5980	1359	5301	19944	3.33
99	.278986	1105	308	951	3054	2.77	99	.239425	4621	1106	4068	14643	3.17
100	.291378	796	232	680	2104	2.64	100	.252204	3515	886	3071	10576	3.01
101	.304331	564	172	478	1424	2.52	101	.265666	2628	698	2279	7504	2.86
102	.317861	393	125	330	945	2.41	102	.279855	1930	540	1660	5225	2.71
103	.332002	268	89	223	615	2.30	103	.294812	1390	410	1185	3565	2.57
104	.346777	179	62	148	391	2.19	104	.310571	980	304	828	2380	2.43
105	.362219	117	42	96	244	2.08	105	.327176	676	221	565	1552	2.30
106	.378350	75	28	60	148	1.98	106	.344679	455	157	376	987	2.17
107	.395209	46	18	37	87	1.89	107	.363129	298	108	244	611	2.05
108	.412830	28	12	22	50	1.79	108	.382567	190	73	153	367	1.93
109	.431242	16	7	13	28	1.70	109	.403057	117	47	94	214	1.82
110	.450476	9	4	7	15	1.62	110	.424647	70	30	55	120	1.72
111	.470582	5	2	4	8	1.53	111	.447413	40	18	31	65	1.61
112	.491589	3	1	2	4	1.45	112	.471400	22	10	17	34	1.52
113	.513554	1	1	1	2	1.38	113	.496685	12	6	9	17	1.42
114	.536506	1	0	0	1	1.30	114	.523346	6	3	4	8	1.33
115	.560480	0	0	0	0	1.23	115	.551429	3	2	2	4	1.25
116	.585549	0	0	0	0	1.16	116	.581044	1	1	1	1	1.17
117	.611753	0	0	0	0	1.09	117	.611753	1	0	0	1	1.09
118	.639127	0	0	0	0	1.03	118	.639127	0	0	0	0	1.03
119	.667733	0	0	0	0	.97	119	.667733	0	0	0	0	.97



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1935

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.014412	75131	1083	74590	1453040	19.34	60	.008554	83738	716	83380	2002545	23.91
61	.015477	74048	1146	73475	1378450	18.62	61	.009350	83021	776	82633	1919166	23.12
62	.016728	72902	1220	72293	1304974	17.90	62	.010231	82245	841	81824	1836532	22.33
63	.018219	71683	1306	71030	1232682	17.20	63	.011211	81404	913	80947	1754708	21.56
64	.019947	70377	1404	69675	1161652	16.51	64	.012299	80491	990	79996	1673760	20.79
65	.021914	68973	1511	68217	1091977	15.83	65	.013524	79501	1075	78964	1593764	20.05
66	.024025	67462	1621	66651	1023759	15.18	66	.014842	78426	1164	77844	1514801	19.32
67	.026171	65841	1723	64979	957108	14.54	67	.016171	77262	1249	76637	1436957	18.60
68	.028297	64118	1814	63211	892129	13.91	68	.017470	76013	1328	75349	1360319	17.90
69	.030496	62303	1900	61353	828918	13.30	69	.018769	74685	1402	73984	1284971	17.21
70	.032914	60403	1988	59409	767565	12.71	70	.020196	73283	1480	72543	1210987	16.52
71	.035687	58415	2085	57373	708155	12.12	71	.021770	71803	1563	71021	1138444	15.86
72	.038847	56331	2188	55236	650782	11.55	72	.023398	70240	1643	69418	1067423	15.20
73	.042447	54142	2298	52993	595546	11.00	73	.025072	68596	1720	67736	998005	14.55
74	.046460	51844	2409	50640	542553	10.47	74	.026857	66876	1796	65978	930269	13.91
75	.050850	49435	2514	48179	491913	9.95	75	.028918	65080	1882	64139	864290	13.28
76	.055545	46922	2606	45619	443734	9.46	76	.031269	63198	1976	62210	800151	12.66
77	.060493	44315	2681	42975	398116	8.98	77	.033796	61222	2069	60188	737941	12.05
78	.065662	41635	2734	40268	355141	8.53	78	.036494	59153	2159	58074	677753	11.46
79	.071117	38901	2767	37518	314873	8.09	79	.039472	56994	2250	55870	619679	10.87
80	.076962	36134	2781	34744	277355	7.68	80	.042924	54745	2350	53570	563810	10.30
81	.083281	33353	2778	31965	242611	7.27	81	.046942	52395	2460	51165	510240	9.74
82	.090104	30576	2755	29198	210647	6.89	82	.051484	49935	2571	48650	459075	9.19
83	.097481	27821	2712	26465	181449	6.52	83	.056599	47364	2681	46024	410425	8.67
84	.105408	25109	2647	23785	154984	6.17	84	.062368	44684	2787	43290	364401	8.16
85	.113852	22462	2557	21183	131199	5.84	85	.068868	41897	2885	40454	321111	7.66
86	.122776	19905	2444	18683	110015	5.53	86	.076162	39011	2971	37526	280657	7.19
87	.132154	17461	2308	16307	91333	5.23	87	.084294	36040	3038	34521	243131	6.75
88	.141972	15153	2151	14078	75025	4.95	88	.093288	33002	3079	31463	208609	6.32
89	.152234	13002	1979	12012	60948	4.69	89	.103159	29924	3087	28380	177146	5.92
90	.162949	11023	1796	10125	48935	4.44	90	.113913	26837	3057	25308	148766	5.54
91	.174131	9227	1607	8423	38811	4.21	91	.125551	23780	2986	22287	123458	5.19
92	.185802	7620	1416	6912	30388	3.99	92	.138071	20794	2871	19359	101171	4.87
93	.197959	6204	1228	5590	23476	3.78	93	.151465	17923	2715	16566	81813	4.56
94	.210620	4976	1048	4452	17886	3.59	94	.165726	15208	2520	13948	65247	4.29
95	.223267	3928	877	3489	13434	3.42	95	.179979	12688	2284	11546	51299	4.04
96	.235804	3051	719	2691	9944	3.26	96	.193992	10404	2018	9395	39753	3.82
97	.248127	2332	579	2042	7253	3.11	97	.207517	8386	1740	7516	30358	3.62
98	.260132	1753	456	1525	5211	2.97	98	.220300	6646	1464	5914	22842	3.44
99	.271709	1297	352	1121	3686	2.84	99	.232076	5182	1203	4580	16928	3.27
100	.283608	945	268	811	2565	2.72	100	.244485	3979	973	3493	12348	3.10
101	.296447	677	201	576	1754	2.59	101	.257564	3006	774	2619	8855	2.95
102	.309657	476	147	402	1178	2.48	102	.271352	2232	606	1929	6236	2.79
103	.323463	329	106	275	776	2.36	103	.285877	1626	465	1394	4307	2.65
104	.337889	222	75	185	500	2.25	104	.301187	1161	350	987	2913	2.51
105	.352960	147	52	121	316	2.15	105	.317321	812	258	683	1926	2.37
106	.368713	95	35	78	195	2.04	106	.334333	554	185	461	1243	2.24
107	.385173	60	23	49	117	1.94	107	.352258	369	130	304	782	2.12
108	.402383	37	15	30	68	1.85	108	.371152	239	89	195	478	2.00
109	.420366	22	9	17	39	1.76	109	.391075	150	59	121	283	1.89
110	.439151	13	6	10	21	1.67	110	.412060	91	38	73	163	1.78
111	.458793	7	3	6	11	1.58	111	.434190	54	23	42	90	1.67
112	.479325	4	2	3	6	1.50	112	.457514	30	14	23	48	1.57
113	.500773	2	1	2	3	1.42	113	.482107	17	8	13	24	1.48
114	.523186	1	1	1	1	1.34	114	.508026	9	4	6	12	1.38
115	.546634	0	0	0	1	1.27	115	.535337	4	2	3	5	1.30
116	.571127	0	0	0	0	1.20	116	.564142	2	1	1	2	1.21
117	.596733	0	0	0	0	1.13	117	.594515	1	1	1	1	1.13
118	.623492	0	0	0	0	1.07	118	.623492	0	0	0	0	1.07
119	.651457	0	0	0	0	1.00	119	.651457	0	0	0	0	1.00



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1940

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.013347	77249	1031	76733	1519563	19.67	60	.008237	85505	704	85153	2066084	24.16
61	.014343	76218	1093	75671	1442829	18.93	61	.009046	84801	767	84417	1980931	23.36
62	.015552	75125	1168	74540	1367158	18.20	62	.009957	84033	837	83615	1896514	22.57
63	.017044	73956	1261	73326	1292618	17.48	63	.010982	83197	914	82740	1812899	21.79
64	.018798	72696	1367	72013	1219292	16.77	64	.012116	82283	997	81785	1730159	21.03
65	.020813	71329	1485	70587	1147279	16.08	65	.013370	81286	1087	80743	1648375	20.28
66	.022978	69845	1605	69042	1076692	15.42	66	.014689	80199	1178	79610	1567632	19.55
67	.025174	68240	1718	67381	1007650	14.77	67	.015986	79021	1263	78390	1488022	18.83
68	.027333	66522	1818	65613	940269	14.13	68	.017227	77758	1340	77088	1409632	18.13
69	.029548	64704	1912	63748	874656	13.52	69	.018454	76418	1410	75713	1332544	17.44
70	.031953	62792	2006	61789	810909	12.91	70	.019803	75008	1485	74266	1256830	16.76
71	.034684	60785	2108	59731	749120	12.32	71	.021300	73523	1566	72740	1182565	16.08
72	.037774	58677	2216	57569	689389	11.75	72	.022850	71957	1644	71135	1109825	15.42
73	.041284	56461	2331	55295	631820	11.19	73	.024450	70313	1719	69453	1038690	14.77
74	.045188	54130	2446	52907	576525	10.65	74	.026162	68593	1795	67696	969237	14.13
75	.049459	51684	2556	50406	523618	10.13	75	.028145	66799	1880	65859	901541	13.50
76	.054022	49128	2654	47801	473212	9.63	76	.030411	64919	1974	63932	835682	12.87
77	.058827	46474	2734	45107	425412	9.15	77	.032846	62945	2067	61911	771750	12.26
78	.063841	43740	2792	42343	380305	8.69	78	.035446	60877	2158	59798	709840	11.66
79	.069136	40947	2831	39532	337961	8.25	79	.038314	58719	2250	57594	650041	11.07
80	.074804	38116	2851	36691	298430	7.83	80	.041641	56470	2351	55294	592447	10.49
81	.080946	35265	2855	33838	261739	7.42	81	.045516	54118	2463	52886	537153	9.93
82	.087595	32411	2839	30991	227901	7.03	82	.049910	51655	2578	50366	484267	9.38
83	.094810	29572	2804	28170	196910	6.66	83	.054875	49077	2693	47730	433901	8.84
84	.102576	26768	2746	25395	168740	6.30	84	.060480	46384	2805	44981	386171	8.33
85	.110848	24022	2663	22691	143345	5.97	85	.066796	43578	2911	42123	341189	7.83
86	.119580	21359	2554	20082	120655	5.65	86	.073875	40668	3004	39165	299067	7.35
87	.128739	18805	2421	17595	100573	5.35	87	.081757	37663	3079	36124	259901	6.90
88	.138312	16384	2266	15251	82978	5.06	88	.090467	34584	3129	33020	223778	6.47
89	.148306	14118	2094	13071	67727	4.80	89	.100021	31455	3146	29882	190758	6.06
90	.158736	12024	1909	11070	54656	4.55	90	.110429	28309	3126	26746	160876	5.68
91	.169617	10116	1716	9258	43586	4.31	91	.121696	25183	3065	23651	134130	5.33
92	.180971	8400	1520	7640	34328	4.09	92	.133823	22118	2960	20638	110479	4.99
93	.192809	6880	1326	6216	26688	3.88	93	.146807	19158	2813	17752	89841	4.69
94	.205148	5553	1139	4984	20472	3.69	94	.160643	16346	2626	15033	72089	4.41
95	.217479	4414	960	3934	15488	3.51	95	.174475	13720	2394	12523	57056	4.16
96	.229703	3454	793	3057	11554	3.35	96	.188077	11326	2130	10261	44533	3.93
97	.241725	2661	643	2339	8497	3.19	97	.201212	9196	1850	8271	34272	3.73
98	.253442	2017	511	1762	6158	3.05	98	.213624	7346	1569	6561	26001	3.54
99	.264745	1506	399	1307	4396	2.92	99	.225065	5776	1300	5126	19440	3.37
100	.276554	1107	306	954	3089	2.79	100	.237121	4476	1061	3946	14314	3.20
101	.288897	801	231	685	2135	2.66	101	.249833	3415	853	2988	10368	3.04
102	.301793	570	172	484	1449	2.54	102	.263228	2562	674	2225	7380	2.88
103	.315278	398	125	335	966	2.43	103	.277347	1887	523	1626	5155	2.73
104	.329368	272	90	228	631	2.32	104	.292234	1364	399	1165	3530	2.59
105	.344086	183	63	151	403	2.21	105	.307915	965	297	817	2365	2.45
106	.359477	120	43	98	252	2.10	106	.324452	668	217	560	1548	2.32
107	.375564	77	29	62	154	2.00	107	.341881	451	154	374	988	2.19
108	.392369	48	19	39	91	1.90	108	.360258	297	107	244	614	2.07
109	.409930	29	12	23	53	1.81	109	.379627	190	72	154	371	1.95
110	.428303	17	7	14	30	1.72	110	.400035	118	47	94	217	1.84
111	.447493	10	4	8	16	1.63	111	.421560	71	30	56	122	1.73
112	.467556	5	3	4	8	1.55	112	.444256	41	18	32	67	1.63
113	.488522	3	1	2	4	1.47	113	.468179	23	11	17	35	1.53
114	.510433	1	1	1	2	1.39	114	.493388	12	6	9	17	1.43
115	.533349	1	0	1	1	1.31	115	.519984	6	3	5	8	1.34
116	.557303	0	0	0	0	1.24	116	.548014	3	2	2	4	1.26
117	.582331	0	0	0	0	1.17	117	.577572	1	1	1	2	1.18
118	.608491	0	0	0	0	1.10	118	.608491	1	0	0	1	1.10
119	.635859	0	0	0	0	1.04	119	.635859	0	0	0	0	1.04



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1945

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.012434	79211	985	78719	1581182	19.96	60	.007983	87269	697	86921	2131437	24.42
61	.013446	78226	1052	77701	1502463	19.21	61	.008805	86572	762	86191	2044516	23.62
62	.014698	77175	1134	76607	1424762	18.46	62	.009726	85810	835	85393	1958325	22.82
63	.016247	76040	1235	75423	1348155	17.73	63	.010756	84975	914	84518	1872932	22.04
64	.018049	74805	1350	74130	1272732	17.01	64	.011881	84061	999	83562	1788414	21.28
65	.020094	73455	1476	72717	1198602	16.32	65	.013111	83063	1089	82518	1704852	20.52
66	.022266	71979	1603	71177	1125886	15.64	66	.014393	81974	1180	81384	1622333	19.79
67	.024448	70376	1721	69516	1054708	14.99	67	.015651	80794	1265	80162	1540950	19.07
68	.026575	68656	1825	67743	985192	14.35	68	.016847	79529	1340	78859	1460788	18.37
69	.028738	66831	1921	65871	917449	13.73	69	.018029	78190	1410	77485	1381928	17.67
70	.031080	64910	2017	63902	851578	13.12	70	.019332	76780	1484	76038	1304444	16.99
71	.033736	62893	2122	61832	787677	12.52	71	.020775	75296	1564	74513	1228406	16.31
72	.036741	60771	2233	59655	725845	11.94	72	.022274	73731	1642	72910	1153893	15.65
73	.040154	58538	2351	57363	666190	11.38	73	.023820	72089	1717	71230	1080982	15.00
74	.043952	56188	2470	54953	608827	10.84	74	.025474	70372	1793	69476	1009752	14.35
75	.048111	53718	2584	52426	553873	10.31	75	.027393	68579	1879	67640	940277	13.71
76	.052555	51134	2687	49790	501447	9.81	76	.029584	66701	1973	65714	872637	13.08
77	.057229	48447	2773	47060	451657	9.32	77	.031937	64727	2067	63694	806923	12.47
78	.062104	45674	2837	44256	404597	8.86	78	.034446	62660	2158	61581	743229	11.86
79	.067247	42837	2881	41397	360341	8.41	79	.037214	60502	2252	59376	681648	11.27
80	.072753	39957	2907	38503	318944	7.98	80	.040423	58250	2355	57073	622272	10.68
81	.078723	37050	2917	35591	280441	7.57	81	.044164	55896	2469	54661	565199	10.11
82	.085208	34133	2908	32679	244849	7.17	82	.048419	53427	2587	52134	510538	9.56
83	.092266	31225	2881	29784	212171	6.79	83	.053238	50840	2707	49487	458404	9.02
84	.099875	28344	2831	26928	182386	6.43	84	.058688	48134	2825	46721	408918	8.50
85	.107979	25513	2755	24135	155458	6.09	85	.064825	45309	2937	43840	362196	7.99
86	.116524	22758	2652	21432	131323	5.77	86	.071699	42372	3038	40853	318356	7.51
87	.125472	20106	2523	18845	109891	5.47	87	.079343	39334	3121	37773	277504	7.06
88	.134809	17583	2370	16398	91046	5.18	88	.087782	36213	3179	34623	239731	6.62
89	.144546	15213	2199	14114	74647	4.91	89	.097033	33034	3205	31431	205107	6.21
90	.154699	13014	2013	12007	60534	4.65	90	.107111	29828	3195	28231	173676	5.82
91	.165291	11001	1818	10092	48527	4.41	91	.118023	26634	3143	25062	145445	5.46
92	.176345	9182	1619	8373	38435	4.19	92	.129775	23490	3048	21966	120383	5.12
93	.187878	7563	1421	6853	30062	3.97	93	.142367	20442	2910	18987	98418	4.81
94	.199910	6142	1228	5528	23209	3.78	94	.155797	17531	2731	16166	79431	4.53
95	.211934	4914	1042	4394	17681	3.60	95	.169225	14800	2505	13548	63265	4.27
96	.223860	3873	867	3439	13288	3.43	96	.182435	12296	2243	11174	49717	4.04
97	.235589	3006	708	2652	9848	3.28	97	.195190	10052	1962	9071	38543	3.83
98	.247028	2298	568	2014	7197	3.13	98	.207250	8090	1677	7252	29472	3.64
99	.258069	1730	446	1507	5183	3.00	99	.218374	6414	1401	5713	22220	3.46
100	.269601	1284	346	1111	3676	2.86	100	.230092	5013	1153	4436	16507	3.29
101	.281659	938	264	806	2565	2.74	101	.242450	3860	936	3392	12070	3.13
102	.294264	673	198	574	1760	2.61	102	.255473	2924	747	2550	8679	2.97
103	.307431	475	146	402	1185	2.49	103	.269206	2177	586	1884	6128	2.82
104	.321191	329	106	276	783	2.38	104	.283679	1591	451	1365	4244	2.67
105	.335586	223	75	186	507	2.27	105	.298930	1140	341	969	2879	2.53
106	.350622	148	52	122	321	2.16	106	.315014	799	252	673	1910	2.39
107	.366342	96	35	79	198	2.06	107	.331974	547	182	456	1237	2.26
108	.382770	61	23	49	120	1.96	108	.349851	366	128	302	781	2.14
109	.399938	38	15	30	70	1.86	109	.368688	238	88	194	479	2.02
110	.417893	23	9	18	40	1.77	110	.388562	150	58	121	285	1.90
111	.436662	13	6	10	22	1.68	111	.409508	92	38	73	164	1.79
112	.456271	7	3	6	12	1.59	112	.431595	54	23	42	91	1.68
113	.476769	4	2	3	6	1.51	113	.454874	31	14	24	49	1.58
114	.498213	2	1	2	3	1.43	114	.479425	17	8	13	25	1.49
115	.520610	1	1	1	1	1.35	115	.505302	9	4	7	12	1.39
116	.544032	1	0	0	1	1.28	116	.532589	4	2	3	6	1.30
117	.568521	0	0	0	0	1.21	117	.561367	2	1	1	2	1.22
118	.594118	0	0	0	0	1.14	118	.591715	1	1	1	1	1.14
119	.620873	0	0	0	0	1.07	119	.620873	0	0	0	0	1.07





Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1950

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.011894	80472	957	79993	1627170	20.22	60	.007771	88565	688	88221	2186469	24.69
61	.012912	79515	1027	79002	1547176	19.46	61	.008576	87877	754	87500	2098248	23.88
62	.014167	78488	1112	77932	1468175	18.71	62	.009474	87123	825	86710	2010749	23.08
63	.015709	77376	1216	76769	1390243	17.97	63	.010485	86298	905	85845	1924038	22.30
64	.017497	76161	1333	75494	1313474	17.25	64	.011590	85393	990	84898	1838193	21.53
65	.019516	74828	1460	74098	1237980	16.54	65	.012800	84403	1080	83863	1753295	20.77
66	.021652	73368	1589	72574	1163882	15.86	66	.014055	83323	1171	82737	1669433	20.04
67	.023792	71779	1708	70925	1091308	15.20	67	.015284	82152	1256	81524	1586695	19.31
68	.025868	70072	1813	69165	1020383	14.56	68	.016451	80896	1331	80231	1505172	18.61
69	.027973	68259	1909	67304	951217	13.94	69	.017598	79565	1400	78865	1424941	17.91
70	.030247	66349	2007	65346	883913	13.32	70	.018862	78165	1474	77428	1346076	17.22
71	.032828	64343	2112	63286	818567	12.72	71	.020264	76691	1554	75914	1268648	16.54
72	.035753	62230	2225	61118	755281	12.14	72	.021718	75137	1632	74321	1192735	15.87
73	.039076	60005	2345	58833	694163	11.57	73	.023217	73505	1707	72651	1118414	15.22
74	.042775	57661	2466	56427	635330	11.02	74	.024819	71798	1782	70907	1045763	14.57
75	.046828	55194	2585	53902	578902	10.49	75	.026676	70016	1868	69082	974855	13.92
76	.051157	52610	2691	51264	525000	9.98	76	.028798	68148	1963	67167	905773	13.29
77	.055710	49918	2781	48528	473736	9.49	77	.031073	66186	2057	65158	838606	12.67
78	.060451	47137	2849	45713	425209	9.02	78	.033497	64129	2148	63055	773448	12.06
79	.065452	44288	2899	42838	379496	8.57	79	.036170	61981	2242	60860	710393	11.46
80	.070801	41389	2930	39924	336658	8.13	80	.039266	59739	2346	58566	649533	10.87
81	.076608	38459	2946	36986	296734	7.72	81	.042881	57394	2461	56163	590966	10.30
82	.082934	35512	2945	34040	259748	7.31	82	.047002	54933	2582	53642	534803	9.74
83	.089841	32567	2926	31104	225708	6.93	83	.051685	52351	2706	50998	481162	9.19
84	.097298	29641	2884	28199	194604	6.57	84	.056983	49645	2829	48230	430164	8.66
85	.105239	26757	2816	25349	166405	6.22	85	.062951	46816	2947	45342	381934	8.16
86	.113602	23941	2720	22582	141055	5.89	86	.069627	43869	3054	42342	336591	7.67
87	.122347	21222	2596	19923	118474	5.58	87	.077043	40814	3144	39242	294250	7.21
88	.131457	18625	2448	17401	98550	5.29	88	.085223	37670	3210	36065	255007	6.77
89	.140946	16177	2280	15037	81149	5.02	89	.094187	34460	3246	32837	218943	6.35
90	.150836	13897	2096	12849	66112	4.76	90	.103950	31214	3245	29592	186106	5.96
91	.161151	11801	1902	10850	53264	4.51	91	.114524	27969	3203	26368	156514	5.60
92	.171917	9899	1702	9048	42414	4.28	92	.125917	24766	3118	23207	130147	5.26
93	.183157	8197	1501	7446	33366	4.07	93	.138134	21648	2990	20152	106940	4.94
94	.194892	6696	1305	6043	25919	3.87	94	.151177	18657	2821	17247	86787	4.65
95	.206622	5391	1114	4834	19876	3.69	95	.164216	15837	2601	14536	69540	4.39
96	.218261	4277	933	3810	15042	3.52	96	.177048	13236	2343	12064	55004	4.16
97	.229715	3343	768	2959	11232	3.36	97	.189442	10893	2064	9861	42939	3.94
98	.240880	2575	620	2265	8273	3.21	98	.201166	8829	1776	7941	33078	3.75
99	.251662	1955	492	1709	6007	3.07	99	.211982	7053	1495	6305	25137	3.56
100	.262941	1463	385	1271	4298	2.94	100	.223378	5558	1242	4937	18832	3.39
101	.274722	1078	296	930	3028	2.81	101	.235397	4316	1016	3808	13895	3.22
102	.287039	782	224	670	2097	2.68	102	.248070	3300	819	2891	10086	3.06
103	.299911	558	167	474	1428	2.56	103	.261429	2482	649	2157	7195	2.90
104	.313362	390	122	329	954	2.44	104	.275505	1833	505	1580	5038	2.75
105	.327430	268	88	224	624	2.33	105	.290356	1328	386	1135	3458	2.60
106	.342136	180	62	149	400	2.22	106	.306008	942	288	798	2323	2.46
107	.357501	119	42	97	251	2.11	107	.322513	654	211	549	1525	2.33
108	.373561	76	28	62	153	2.01	108	.339909	443	151	368	976	2.20
109	.390363	48	19	38	91	1.91	109	.358255	292	105	240	608	2.08
110	.407912	29	12	23	53	1.82	110	.377592	188	71	152	368	1.96
111	.426264	17	7	14	30	1.73	111	.397982	117	46	94	216	1.85
112	.445451	10	4	8	16	1.64	112	.419486	70	30	56	122	1.74
113	.465507	5	3	4	9	1.55	113	.442164	41	18	32	67	1.64
114	.486470	3	1	2	4	1.47	114	.466061	23	11	17	35	1.54
115	.508389	2	1	1	2	1.39	115	.491272	12	6	9	18	1.44
116	.531304	1	0	1	1	1.32	116	.517851	6	3	5	8	1.35
117	.555273	0	0	0	0	1.24	117	.545883	3	2	2	4	1.26
118	.580318	0	0	0	0	1.17	118	.575449	1	1	1	2	1.18
119	.606502	0	0	0	0	1.11	119	.606502	1	0	0	1	1.11

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1955

Male							Female						
x	$q_x$	$L_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$L_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.029631	100000	2963	97359	7191586	71.92	0	.023076	100000	2308	97970	7948163	79.48
1	.001886	97037	183	96945	7094227	73.11	1	.001718	97692	168	97608	7850193	80.36
2	.001174	96854	114	96797	6997281	72.25	2	.000964	97525	94	97478	7752585	79.49
3	.000912	96740	88	96696	6900484	71.33	3	.000761	97431	74	97393	7655107	78.57
4	.000740	96652	72	96616	6803788	70.39	4	.000623	97356	61	97326	7557714	77.63
5	.000667	96580	64	96548	6707172	69.45	5	.000523	97296	51	97270	7460388	76.68
6	.000564	96516	54	96489	6610624	68.49	6	.000428	97245	42	97224	7363118	75.72
7	.000512	96462	49	96437	6514135	67.53	7	.000389	97203	38	97184	7265893	74.75
8	.000471	96412	45	96389	6417698	66.57	8	.000331	97165	32	97149	7168709	73.78
9	.000418	96367	40	96347	6321308	65.60	9	.000300	97133	29	97119	7071560	72.80
10	.000374	96326	36	96308	6224962	64.62	10	.000268	97104	26	97091	6974441	71.82
11	.000371	96290	36	96273	6128654	63.65	11	.000262	97078	25	97065	6877350	70.84
12	.000433	96255	42	96234	6032381	62.67	12	.000271	97053	26	97040	6780284	69.86
13	.000612	96213	59	96184	5936147	61.70	13	.000322	97026	31	97011	6683245	68.88
14	.000874	96154	84	96112	5839963	60.74	14	.000415	96995	40	96975	6586234	67.90
15	.001127	96070	108	96016	5743851	59.79	15	.000486	96955	47	96931	6489260	66.93
16	.001402	95962	135	95895	5647836	58.85	16	.000586	96908	57	96879	6392328	65.96
17	.001646	95827	158	95748	5551941	57.94	17	.000637	96851	62	96820	6295449	65.00
18	.001836	95670	176	95582	5456193	57.03	18	.000671	96789	65	96757	6198628	64.04
19	.001866	95494	178	95405	5360610	56.14	19	.000627	96724	61	96694	6101871	63.09
20	.001929	95316	184	95224	5265206	55.24	20	.000631	96664	61	96633	6005178	62.12
21	.001942	95132	185	95040	5169981	54.35	21	.000623	96603	60	96573	5908544	61.16
22	.002024	94947	192	94851	5074942	53.45	22	.000641	96542	62	96512	5811972	60.20
23	.002038	94755	193	94658	4980091	52.56	23	.000663	96481	64	96449	5715460	59.24
24	.002033	94562	192	94466	4885433	51.66	24	.000641	96417	62	96386	5619012	58.28
25	.002012	94370	190	94275	4790967	50.77	25	.000647	96355	62	96324	5522627	57.32
26	.001908	94180	180	94090	4696693	49.87	26	.000653	96293	63	96261	5426303	56.35
27	.001726	94000	162	93919	4602602	48.96	27	.000626	96230	60	96199	5330042	55.39
28	.001657	93838	155	93760	4508684	48.05	28	.000637	96169	61	96139	5233842	54.42
29	.001681	93682	157	93604	4414923	47.13	29	.000648	96108	62	96077	5137704	53.46
30	.001776	93525	166	93442	4321320	46.21	30	.000694	96046	67	96013	5041627	52.49
31	.002028	93359	189	93264	4227878	45.29	31	.000770	95979	74	95942	4945614	51.53
32	.002094	93169	195	93072	4134614	44.38	32	.000830	95905	80	95865	4849672	50.57
33	.002231	92974	207	92871	4041542	43.47	33	.000872	95826	84	95784	4753807	49.61
34	.002423	92767	225	92654	3948672	42.57	34	.000955	95742	91	95696	4658023	48.65
35	.002638	92542	244	92420	3856017	41.67	35	.001009	95651	97	95602	4562327	47.70
36	.002864	92298	264	92166	3763597	40.78	36	.001080	95554	103	95503	4466724	46.75
37	.003070	92034	283	91892	3671432	39.89	37	.001151	95451	110	95396	4371221	45.80
38	.003261	91751	299	91601	3579539	39.01	38	.001217	95341	116	95283	4275825	44.85
39	.003460	91452	316	91294	3487938	38.14	39	.001280	95225	122	95164	4180542	43.90
40	.003698	91135	337	90967	3396644	37.27	40	.001348	95103	128	95039	4085378	42.96
41	.003954	90798	359	90619	3305677	36.41	41	.001422	94975	135	94907	3990339	42.01
42	.004145	90439	375	90252	3215058	35.55	42	.001501	94840	142	94769	3895432	41.07
43	.004213	90065	379	89875	3124806	34.70	43	.001592	94698	151	94622	3800663	40.13
44	.004222	89685	379	89496	3034931	33.84	44	.001698	94547	161	94467	3706041	39.20
45	.004137	89306	369	89122	2945435	32.98	45	.001812	94386	171	94301	3611574	38.26
46	.004074	88937	362	88756	2856314	32.12	46	.001941	94215	183	94124	3517273	37.33
47	.004119	88575	365	88392	2767558	31.25	47	.002100	94032	197	93934	3423150	36.40
48	.004332	88210	382	88019	2679165	30.37	48	.002300	93835	216	93727	3329216	35.48
49	.004680	87828	411	87622	2591147	29.50	49	.002539	93619	238	93500	3235489	34.56
50	.005102	87417	446	87194	2503525	28.64	50	.002824	93381	264	93250	3141989	33.65
51	.005557	86971	483	86729	2416331	27.78	51	.003139	93118	292	92972	3048739	32.74
52	.006045	86487	523	86226	2329602	26.94	52	.003471	92825	322	92664	2955768	31.84
53	.006549	85965	563	85683	2243376	26.10	53	.003808	92503	352	92327	2863103	30.95
54	.007082	85402	605	85099	2157693	25.27	54	.004165	92151	384	91959	2770777	30.07
55	.007705	84797	653	84470	2072594	24.44	55	.004566	91767	419	91558	2678818	29.19
56	.008415	84143	708	83789	1988123	23.63	56	.005028	91348	459	91118	2587260	28.32
57	.009144	83435	763	83054	1904334	22.82	57	.005559	90889	505	90636	2496141	27.46
58	.009880	82672	817	82264	1821280	22.03	58	.006164	90384	557	90105	2405505	26.61
59	.010660	81856	873	81419	1739016	21.24	59	.006839	89826	614	89519	2315400	25.78

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1955

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.011504	80983	932	80517	1657597	20.47	60	.007560	89212	674	88875	2225881	24.95
61	.012494	80051	1000	79551	1577080	19.70	61	.008339	88538	738	88169	2137006	24.14
62	.013719	79051	1085	78509	1497528	18.94	62	.009217	87799	809	87395	2048837	23.34
63	.015231	77967	1188	77373	1419019	18.20	63	.010208	86990	888	86546	1961443	22.55
64	.016992	76779	1305	76127	1341646	17.47	64	.011297	86102	973	85616	1874897	21.78
65	.018979	75475	1432	74758	1265519	16.77	65	.012489	85129	1063	84598	1789281	21.02
66	.021077	74042	1561	73262	1190761	16.08	66	.013724	84066	1154	83489	1704683	20.28
67	.023170	72482	1679	71642	1117499	15.42	67	.014930	82913	1238	82294	1621194	19.55
68	.025196	70802	1784	69910	1045857	14.77	68	.016069	81675	1312	81018	1538900	18.84
69	.027243	69018	1880	68078	975947	14.14	69	.017187	80362	1381	79672	1457882	18.14
70	.029455	67138	1978	66149	907869	13.52	70	.018414	78981	1454	78254	1378210	17.45
71	.031966	65160	2083	64119	841720	12.92	71	.019778	77527	1533	76760	1299956	16.77
72	.034811	63078	2196	61980	777601	12.33	72	.021187	75993	1610	75188	1223196	16.10
73	.038049	60882	2316	59723	715621	11.75	73	.022642	74383	1684	73541	1148008	15.43
74	.041654	58565	2439	57346	655898	11.20	74	.024194	72699	1759	71820	1074467	14.78
75	.045606	56126	2560	54846	598552	10.66	75	.025995	70940	1844	70018	1002647	14.13
76	.049827	53566	2669	52232	543706	10.15	76	.028049	69096	1938	68127	932629	13.50
77	.054260	50897	2762	49516	491474	9.66	77	.030251	67158	2032	66142	864502	12.87
78	.058875	48135	2834	46718	441958	9.18	78	.032593	65126	2123	64065	798360	12.26
79	.063741	45301	2888	43858	395240	8.72	79	.035178	63004	2216	61896	734295	11.65
80	.068943	42414	2924	40952	351382	8.28	80	.038168	60787	2320	59627	672399	11.06
81	.074595	39490	2946	38017	310430	7.86	81	.041662	58467	2436	57249	612772	10.48
82	.080768	36544	2952	35068	272414	7.45	82	.045658	56031	2558	54752	555522	9.91
83	.087527	33592	2940	32122	237345	7.07	83	.050207	53473	2685	52131	500770	9.36
84	.094837	30652	2907	29199	205223	6.70	84	.055362	50788	2812	49383	448639	8.83
85	.102620	27745	2847	26322	176024	6.34	85	.061167	47977	2935	46509	399257	8.32
86	.110808	24898	2759	23519	149703	6.01	86	.067654	45042	3047	43518	352747	7.83
87	.119355	22139	2642	20818	126184	5.70	87	.074853	41995	3143	40423	309229	7.36
88	.128248	19497	2500	18246	105366	5.40	88	.082785	38851	3216	37243	268806	6.92
89	.137500	16996	2337	15828	87120	5.13	89	.091474	35635	3260	34005	231562	6.50
90	.147137	14659	2157	13581	71292	4.86	90	.100937	32375	3268	30741	197557	6.10
91	.157186	12502	1965	11520	57711	4.62	91	.111189	29107	3236	27489	166816	5.73
92	.167677	10537	1767	9654	46192	4.38	92	.122239	25871	3162	24290	139327	5.39
93	.178635	8770	1567	7987	36538	4.17	93	.134097	22709	3045	21186	115037	5.07
94	.190083	7204	1369	6519	28551	3.96	94	.146766	19663	2886	18220	93851	4.77
95	.201534	5834	1176	5246	22032	3.78	95	.159435	16778	2675	15440	75630	4.51
96	.212894	4659	992	4163	16785	3.60	96	.171903	14103	2424	12890	60190	4.27
97	.224078	3667	822	3256	12623	3.44	97	.183954	11678	2148	10604	47300	4.05
98	.234988	2845	669	2511	9367	3.29	98	.195355	9530	1862	8599	36695	3.85
99	.245527	2177	534	1909	6856	3.15	99	.205874	7668	1579	6879	28096	3.66
100	.256550	1642	421	1432	4947	3.01	100	.216971	6090	1321	5429	21217	3.48
101	.268073	1221	327	1057	3515	2.88	101	.228667	4768	1090	4223	15788	3.31
102	.280111	894	250	768	2458	2.75	102	.241001	3678	886	3235	11565	3.14
103	.292695	643	188	549	1690	2.63	103	.254000	2792	709	2437	8330	2.98
104	.305859	455	139	385	1140	2.51	104	.267709	2083	558	1804	5893	2.83
105	.319610	316	101	265	755	2.39	105	.282158	1525	430	1310	4090	2.68
106	.333989	215	72	179	490	2.28	106	.297395	1095	326	932	2780	2.54
107	.349023	143	50	118	311	2.17	107	.313465	769	241	649	1848	2.40
108	.364737	93	34	76	193	2.07	108	.330411	528	174	441	1199	2.27
109	.381162	59	23	48	116	1.97	109	.348268	354	123	292	758	2.14
110	.398336	37	15	29	68	1.87	110	.367107	230	85	188	466	2.02
111	.416291	22	9	17	39	1.78	111	.386969	146	56	118	278	1.91
112	.435071	13	6	10	22	1.69	112	.407916	89	36	71	161	1.80
113	.454694	7	3	6	12	1.60	113	.430009	53	23	42	89	1.69
114	.475211	4	2	3	6	1.52	114	.453305	30	14	23	48	1.59
115	.496661	2	1	2	3	1.43	115	.477874	16	8	13	25	1.49
116	.519087	1	1	1	1	1.36	116	.503774	9	4	6	12	1.40
117	.542539	1	0	0	1	1.28	117	.531095	4	2	3	6	1.31
118	.567067	0	0	0	0	1.21	118	.559908	2	1	1	2	1.22
119	.592695	0	0	0	0	1.14	119	.590292	1	1	1	1	1.15

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1960

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.029374	100000	2937	97378	7230673	72.31	0	.022619	100000	2262	98000	7991109	79.91
1	.001737	97063	169	96978	7133294	73.49	1	.001523	97738	149	97664	7893109	80.76
2	.001051	96894	102	96843	7036316	72.62	2	.000909	97589	89	97545	7795445	79.88
3	.000822	96792	80	96752	6939473	71.69	3	.000694	97501	68	97467	7697901	78.95
4	.000714	96713	69	96678	6842721	70.75	4	.000526	97433	51	97407	7600434	78.01
5	.000615	96644	59	96614	6746042	69.80	5	.000469	97382	46	97359	7503027	77.05
6	.000559	96584	54	96557	6649428	68.85	6	.000411	97336	40	97316	7405668	76.08
7	.000499	96530	48	96506	6552872	67.88	7	.000354	97296	34	97279	7308352	75.11
8	.000481	96482	46	96459	6456366	66.92	8	.000331	97262	32	97245	7211074	74.14
9	.000413	96436	40	96416	6359907	65.95	9	.000280	97229	27	97216	7113828	73.17
10	.000353	96396	34	96379	6263491	64.98	10	.000251	97202	24	97190	7016612	72.19
11	.000323	96362	31	96346	6167113	64.00	11	.000249	97178	24	97166	6919422	71.20
12	.000408	96331	39	96311	6070767	63.02	12	.000267	97153	26	97141	6822257	70.22
13	.000600	96291	58	96262	5974456	62.05	13	.000310	97128	30	97112	6725117	69.24
14	.000820	96233	79	96194	5878194	61.08	14	.000368	97097	36	97080	6628004	68.26
15	.001031	96155	99	96105	5782000	60.13	15	.000422	97062	41	97041	6530925	67.29
16	.001211	96055	116	95997	5685894	59.19	16	.000489	97021	47	96997	6433884	66.31
17	.001478	95939	142	95868	5589897	58.27	17	.000581	96973	56	96945	6336887	65.35
18	.001629	95797	156	95719	5494029	57.35	18	.000601	96917	58	96888	6239941	64.38
19	.001760	95641	168	95557	5398309	56.44	19	.000595	96859	58	96830	6143053	63.42
20	.001886	95473	180	95383	5302753	55.54	20	.000600	96801	58	96772	6046223	62.46
21	.001834	95293	175	95205	5207370	54.65	21	.000579	96743	56	96715	5949452	61.50
22	.001784	95118	170	95033	5112164	53.75	22	.000566	96687	55	96660	5852736	60.53
23	.001682	94948	160	94869	5017131	52.84	23	.000559	96632	54	96605	5756077	59.57
24	.001699	94789	161	94708	4922262	51.93	24	.000567	96578	55	96551	5659472	58.60
25	.001669	94628	158	94549	4827554	51.02	25	.000559	96523	54	96496	5562921	57.63
26	.001739	94470	164	94388	4733005	50.10	26	.000600	96470	58	96441	5466424	56.66
27	.001729	94305	163	94224	4638618	49.19	27	.000641	96412	62	96381	5369984	55.70
28	.001805	94142	170	94057	4544394	48.27	28	.000679	96350	65	96317	5273604	54.73
29	.001937	93972	182	93881	4450336	47.36	29	.000722	96284	70	96250	5177287	53.77
30	.002118	93790	199	93691	4356455	46.45	30	.000758	96215	73	96178	5081037	52.81
31	.002314	93592	217	93484	4262764	45.55	31	.000821	96142	79	96103	4984858	51.85
32	.002505	93375	234	93258	4169281	44.65	32	.000889	96063	85	96020	4888756	50.89
33	.002679	93141	250	93017	4076022	43.76	33	.000952	95978	91	95932	4792736	49.94
34	.002840	92892	264	92760	3983006	42.88	34	.001006	95886	96	95838	4696803	48.98
35	.002989	92628	277	92490	3890246	42.00	35	.001056	95790	101	95739	4600966	48.03
36	.003121	92351	288	92207	3797756	41.12	36	.001105	95689	106	95636	4505227	47.08
37	.003247	92063	299	91913	3705549	40.25	37	.001149	95583	110	95528	4409591	46.13
38	.003384	91764	311	91609	3613636	39.38	38	.001186	95473	113	95416	4314063	45.19
39	.003594	91453	329	91289	3522027	38.51	39	.001231	95360	117	95301	4218646	44.24
40	.003806	91125	347	90951	3430738	37.65	40	.001274	95242	121	95182	4123345	43.29
41	.003962	90778	360	90598	3339787	36.79	41	.001322	95121	126	95058	4028163	42.35
42	.003992	90418	361	90238	3249189	35.94	42	.001378	94995	131	94930	3933105	41.40
43	.003885	90057	350	89882	3158951	35.08	43	.001445	94864	137	94796	3838175	40.46
44	.003726	89707	334	89540	3069069	34.21	44	.001528	94727	145	94655	3743379	39.52
45	.003593	89373	321	89213	2979528	33.34	45	.001631	94583	154	94506	3648724	38.58
46	.003558	89052	317	88894	2890316	32.46	46	.001762	94428	166	94345	3554219	37.64
47	.003657	88735	325	88573	2801422	31.57	47	.001932	94262	182	94171	3459873	36.70
48	.003919	88411	346	88237	2712849	30.68	48	.002146	94080	202	93979	3365702	35.77
49	.004313	88064	380	87874	2624612	29.80	49	.002399	93878	225	93765	3271723	34.85
50	.004783	87684	419	87475	2536738	28.93	50	.002695	93653	252	93527	3177958	33.93
51	.005279	87265	461	87035	2449263	28.07	51	.003017	93400	282	93260	3084431	33.02
52	.005795	86804	503	86553	2362228	27.21	52	.003351	93119	312	92963	2991172	32.12
53	.006309	86301	544	86029	2275675	26.37	53	.003688	92807	342	92635	2898209	31.23
54	.006843	85757	587	85463	2189646	25.53	54	.004046	92464	374	92277	2805574	30.34
55	.007461	85170	635	84852	2104183	24.71	55	.004443	92090	409	91886	2713297	29.46
56	.008159	84535	690	84190	2019331	23.89	56	.004898	91681	449	91457	2621411	28.59
57	.008872	83845	744	83473	1935141	23.08	57	.005415	91232	494	90985	2529955	27.73
58	.009583	83101	796	82703	1851668	22.28	58	.006002	90738	545	90466	2438969	26.88
59	.010335	82305	851	81879	1768965	21.49	59	.006657	90193	600	89893	2348504	26.04

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1960

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.011148	81454	908	81000	1687086	20.71	60	.007356	89593	659	89263	2258611	25.21
61	.012106	80546	975	80058	1606086	19.94	61	.008111	88934	721	88573	2169347	24.39
62	.013298	79571	1058	79042	1526028	19.18	62	.008968	88213	791	87817	2080774	23.59
63	.014780	78513	1160	77932	1446986	18.43	63	.009942	87421	869	86987	1992957	22.80
64	.016511	77352	1277	76714	1369053	17.70	64	.011017	86552	954	86076	1905970	22.02
65	.018467	76075	1405	75373	1292339	16.99	65	.012192	85599	1044	85077	1819894	21.26
66	.020527	74670	1533	73904	1216967	16.30	66	.013407	84555	1134	83988	1734817	20.52
67	.022578	73137	1651	72312	1143063	15.63	67	.014591	83422	1217	82813	1650829	19.79
68	.024555	71486	1755	70609	1070751	14.98	68	.015704	82204	1291	81559	1568016	19.07
69	.026546	69731	1851	68805	1000142	14.34	69	.016793	80913	1359	80234	1486457	18.37
70	.028699	67880	1948	66906	931337	13.72	70	.017987	79555	1431	78839	1406223	17.68
71	.031144	65932	2053	64905	864431	13.11	71	.019312	78124	1509	77369	1327384	16.99
72	.033914	63878	2166	62795	799526	12.52	72	.020681	76615	1584	75823	1250015	16.32
73	.037069	61712	2288	60568	736731	11.94	73	.022093	75030	1658	74202	1174192	15.65
74	.040585	59424	2412	58218	676163	11.38	74	.023599	73373	1732	72507	1099991	14.99
75	.044441	57013	2534	55746	617945	10.84	75	.025344	71641	1816	70733	1027484	14.34
76	.048559	54479	2645	53156	562199	10.32	76	.027336	69826	1909	68871	956750	13.70
77	.052880	51833	2741	50463	509043	9.82	77	.029468	67917	2001	66916	887879	13.07
78	.057373	49093	2817	47684	458580	9.34	78	.031735	65915	2092	64870	820963	12.45
79	.062110	46276	2874	44839	410896	8.88	79	.034234	63824	2185	62731	756093	11.85
80	.067170	43402	2915	41944	366057	8.43	80	.037124	61639	2288	60495	693362	11.25
81	.072676	40486	2942	39015	324113	8.01	81	.040505	59350	2404	58148	632868	10.66
82	.078703	37544	2955	36067	285097	7.59	82	.044380	56946	2527	55683	574719	10.09
83	.085321	34589	2951	33114	249031	7.20	83	.048802	54419	2656	53091	519036	9.54
84	.092487	31638	2926	30175	215917	6.82	84	.053820	51763	2786	50370	465945	9.00
85	.100117	28712	2875	27275	185742	6.47	85	.059467	48977	2913	47521	415575	8.49
86	.108133	25837	2794	24440	158467	6.13	86	.065774	46065	3030	44550	368053	7.99
87	.116491	23043	2684	21701	134027	5.82	87	.072764	43035	3131	41469	323503	7.52
88	.125174	20359	2548	19085	112326	5.52	88	.080461	39904	3211	38298	282034	7.07
89	.134199	17811	2390	16616	93241	5.24	89	.088888	36693	3262	35062	243736	6.64
90	.143593	15421	2214	14313	76625	4.97	90	.098064	33431	3278	31792	208674	6.24
91	.153387	13206	2026	12193	62312	4.72	91	.108007	30153	3257	28525	176881	5.87
92	.163615	11181	1829	10266	50118	4.48	92	.118731	26896	3193	25300	148357	5.52
93	.174303	9351	1630	8536	39852	4.26	93	.130246	23703	3087	22159	123057	5.19
94	.185476	7721	1432	7005	31316	4.06	94	.142555	20616	2939	19146	100898	4.89
95	.196653	6289	1237	5671	24311	3.87	95	.154873	17677	2738	16308	81752	4.62
96	.207750	5052	1050	4528	18640	3.69	96	.166995	14939	2495	13692	65444	4.38
97	.218673	4003	875	3565	14112	3.53	97	.178714	12444	2224	11332	51752	4.16
98	.229334	3127	717	2769	10547	3.37	98	.189803	10220	1940	9250	40420	3.95
99	.239649	2410	578	2121	7778	3.23	99	.200048	8281	1657	7452	31169	3.76
100	.250423	1833	459	1603	5657	3.09	100	.210845	6624	1397	5926	23717	3.58
101	.261689	1374	359	1194	4054	2.95	101	.222231	5227	1162	4647	17791	3.40
102	.273468	1014	277	876	2860	2.82	102	.234239	4066	952	3590	13145	3.23
103	.285781	737	211	632	1984	2.69	103	.246902	3113	769	2729	9555	3.07
104	.298651	526	157	448	1353	2.57	104	.260246	2345	610	2040	6826	2.91
105	.312107	369	115	312	905	2.45	105	.274324	1734	476	1497	4787	2.76
106	.326175	254	83	212	594	2.34	106	.289165	1259	364	1077	3290	2.61
107	.340890	171	58	142	381	2.23	107	.304819	895	273	758	2213	2.47
108	.356265	113	40	93	239	2.12	108	.321328	622	200	522	1455	2.34
109	.372340	73	27	59	147	2.02	109	.338736	422	143	351	933	2.21
110	.389147	46	18	37	87	1.92	110	.357095	279	100	229	582	2.09
111	.406718	28	11	22	51	1.82	111	.376449	179	68	146	353	1.97
112	.425094	17	7	13	29	1.73	112	.396865	112	44	90	207	1.85
113	.444312	9	4	7	16	1.64	113	.418396	67	28	53	118	1.74
114	.464392	5	2	4	8	1.56	114	.441100	39	17	31	64	1.64
115	.485396	3	1	2	4	1.48	115	.465055	22	10	17	34	1.54
116	.507352	1	1	1	2	1.40	116	.490311	12	6	9	17	1.44
117	.530317	1	0	1	1	1.32	117	.516944	6	3	4	8	1.35
118	.554324	0	0	0	0	1.25	118	.545051	3	2	2	4	1.27
119	.579448	0	0	0	0	1.18	119	.574674	1	1	1	2	1.18

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1965

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
0	.027527	100000	2753	97531	7289296	72.89	0	.021336	100000	2134	98103	8038816	80.39
1	.001674	97247	163	97166	7191765	73.95	1	.001425	97866	139	97797	7940712	81.14
2	.000990	97085	96	97036	7094600	73.08	2	.000812	97727	79	97687	7842916	80.25
3	.000767	96988	74	96951	6997563	72.15	3	.000615	97648	60	97618	7745228	79.32
4	.000648	96914	63	96883	6900612	71.20	4	.000542	97588	53	97561	7647610	78.37
5	.000583	96851	56	96823	6803730	70.25	5	.000424	97535	41	97514	7550050	77.41
6	.000541	96795	52	96769	6706906	69.29	6	.000384	97493	37	97475	7452535	76.44
7	.000480	96742	46	96719	6610138	68.33	7	.000351	97456	34	97439	7355061	75.47
8	.000446	96696	43	96674	6513419	67.36	8	.000311	97422	30	97407	7257622	74.50
9	.000359	96653	35	96635	6416745	66.39	9	.000249	97391	24	97379	7160215	73.52
10	.000287	96618	28	96604	6320109	65.41	10	.000207	97367	20	97357	7062837	72.54
11	.000276	96590	27	96577	6223505	64.43	11	.000200	97347	19	97337	6965479	71.55
12	.000338	96564	33	96547	6126928	63.45	12	.000222	97327	22	97317	6868143	70.57
13	.000503	96531	49	96507	6030380	62.47	13	.000260	97306	25	97293	6770826	69.58
14	.000725	96483	70	96448	5933873	61.50	14	.000328	97281	32	97265	6673533	68.60
15	.000977	96413	94	96365	5837426	60.55	15	.000415	97249	40	97228	6576269	67.62
16	.001118	96318	108	96265	5741060	59.61	16	.000462	97208	45	97186	6479040	66.65
17	.001268	96211	122	96150	5644796	58.67	17	.000477	97163	46	97140	6381854	65.68
18	.001317	96089	127	96025	5548647	57.75	18	.000506	97117	49	97092	6284714	64.71
19	.001419	95962	136	95894	5452621	56.82	19	.000522	97068	51	97043	6187621	63.75
20	.001522	95826	146	95753	5356727	55.90	20	.000515	97017	50	96992	6090579	62.78
21	.001741	95680	167	95597	5260974	54.99	21	.000547	96967	53	96941	5993587	61.81
22	.001749	95514	167	95430	5165377	54.08	22	.000543	96914	53	96888	5896646	60.84
23	.001808	95347	172	95260	5069947	53.17	23	.000560	96862	54	96834	5799758	59.88
24	.001816	95174	173	95088	4974686	52.27	24	.000600	96807	58	96778	5702923	58.91
25	.001767	95001	168	94917	4879599	51.36	25	.000594	96749	57	96721	5606145	57.95
26	.001826	94833	173	94747	4784681	50.45	26	.000615	96692	59	96662	5509424	56.98
27	.001936	94660	183	94569	4689934	49.54	27	.000645	96632	62	96601	5412763	56.01
28	.002084	94477	197	94379	4595366	48.64	28	.000686	96570	66	96537	5316161	55.05
29	.002243	94280	211	94174	4500987	47.74	29	.000744	96504	72	96468	5219625	54.09
30	.002398	94069	226	93956	4406813	46.85	30	.000813	96432	78	96393	5123157	53.13
31	.002542	93843	239	93724	4312857	45.96	31	.000883	96354	85	96311	5026764	52.17
32	.002671	93605	250	93480	4219133	45.07	32	.000943	96268	91	96223	4930453	51.22
33	.002770	93354	259	93225	4125654	44.19	33	.000981	96178	94	96131	4834230	50.26
34	.002883	93096	268	92962	4032428	43.31	34	.001014	96083	97	96035	4738099	49.31
35	.002937	92828	273	92691	3939466	42.44	35	.001034	95986	99	95936	4642065	48.36
36	.002960	92555	274	92418	3846775	41.56	36	.001054	95887	101	95836	4546128	47.41
37	.002985	92281	275	92143	3754357	40.68	37	.001068	95786	102	95734	4450292	46.46
38	.003031	92005	279	91866	3662214	39.80	38	.001079	95683	103	95632	4354558	45.51
39	.003094	91727	284	91585	3570348	38.92	39	.001095	95580	105	95528	4258926	44.56
40	.003199	91443	293	91297	3478763	38.04	40	.001127	95475	108	95422	4163398	43.61
41	.003315	91150	302	90999	3387467	37.16	41	.001178	95368	112	95312	4067977	42.66
42	.003386	90848	308	90694	3296467	36.29	42	.001244	95255	118	95196	3972665	41.71
43	.003379	90540	306	90388	3205773	35.41	43	.001326	95137	126	95074	3877468	40.76
44	.003333	90235	301	90084	3115386	34.53	44	.001424	95011	135	94943	3782395	39.81
45	.003285	89934	295	89786	3025301	33.64	45	.001540	94876	146	94802	3687451	38.87
46	.003317	89638	297	89490	2935516	32.75	46	.001681	94729	159	94650	3592649	37.93
47	.003461	89341	309	89186	2846026	31.86	47	.001858	94570	176	94482	3497999	36.99
48	.003751	89032	334	88865	2756839	30.96	48	.002074	94394	196	94297	3403517	36.06
49	.004158	88698	369	88513	2667975	30.08	49	.002326	94199	219	94089	3309220	35.13
50	.004628	88329	409	88125	2579461	29.20	50	.002616	93980	246	93857	3215131	34.21
51	.005120	87920	450	87695	2491336	28.34	51	.002933	93734	275	93596	3121274	33.30
52	.005628	87470	492	87224	2403641	27.48	52	.003262	93459	305	93306	3027678	32.40
53	.006134	86978	534	86711	2316417	26.63	53	.003593	93154	335	92987	2934372	31.50
54	.006652	86444	575	86157	2229706	25.79	54	.003942	92819	366	92636	2841385	30.61
55	.007251	85869	623	85558	2143549	24.96	55	.004330	92453	400	92253	2748749	29.73
56	.007929	85247	676	84909	2057991	24.14	56	.004775	92053	440	91833	2656496	28.86
57	.008622	84571	729	84206	1973083	23.33	57	.005278	91613	484	91372	2564662	27.99
58	.009311	83842	781	83451	1888877	22.53	58	.005847	91130	533	90864	2473291	27.14
59	.010034	83061	833	82644	1805425	21.74	59	.006483	90597	587	90303	2382427	26.30

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1965

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.010813	82227	889	81783	1722781	20.95	60	.007159	90010	644	89688	2292124	25.47
61	.011738	81338	955	80861	1640998	20.17	61	.007893	89365	705	89013	2202436	24.65
62	.012900	80384	1037	79865	1560137	19.41	62	.008730	88660	774	88273	2113424	23.84
63	.014355	79347	1139	78777	1480272	18.66	63	.009688	87886	851	87460	2025151	23.04
64	.016058	78208	1256	77580	1401495	17.92	64	.010749	87035	936	86567	1937690	22.26
65	.017982	76952	1384	76260	1323915	17.20	65	.011908	86099	1025	85586	1851123	21.50
66	.020005	75568	1512	74812	1247655	16.51	66	.013105	85074	1115	84516	1765537	20.75
67	.022014	74056	1630	73241	1172843	15.84	67	.014267	83959	1198	83360	1681021	20.30
68	.023945	72426	1734	71559	1099602	15.18	68	.015356	82761	1271	82126	1597661	19.02
69	.025886	70692	1830	69777	1028043	14.54	69	.016417	81490	1338	80821	1515535	18.60
70	.027979	68862	1927	67898	958266	13.92	70	.017579	80152	1409	79448	1434714	17.90
71	.030359	66935	2032	65919	890368	13.30	71	.018868	78743	1486	78000	1355266	17.21
72	.033061	64903	2146	63830	824449	12.70	72	.020199	77258	1561	76477	1277265	16.53
73	.036138	62757	2268	61623	760619	12.12	73	.021570	75697	1633	74881	1200788	15.86
74	.039568	60489	2393	59293	698995	11.56	74	.023031	74064	1706	73211	1125907	15.20
75	.043331	58096	2517	56837	639703	11.01	75	.024724	72359	1789	71464	1052696	14.55
76	.047349	55579	2632	54263	582865	10.49	76	.026657	70570	1881	69629	981232	13.90
77	.051565	52947	2730	51582	528603	9.98	77	.028722	68688	1973	67702	911603	13.27
78	.055942	50217	2809	48812	477021	9.50	78	.030916	66715	2063	65684	843901	12.65
79	.060556	47408	2871	45972	428209	9.03	79	.033336	64653	2155	63575	778217	12.04
80	.065483	44537	2916	43079	382236	8.58	80	.036132	62498	2258	61369	714641	11.43
81	.070847	41620	2949	40146	339158	8.15	81	.039405	60239	2374	59053	653273	10.84
82	.076735	38672	2967	37188	299012	7.73	82	.043166	57866	2498	56617	594220	10.27
83	.083216	35704	2971	34219	261824	7.33	83	.047466	55368	2628	54054	537603	9.71
84	.090242	32733	2954	31256	227605	6.95	84	.052351	52740	2761	51359	483550	9.17
85	.097721	29779	2910	28324	196349	6.59	85	.057848	49979	2891	48533	432190	8.65
86	.105573	26869	2837	25451	168025	6.25	86	.063981	47088	3013	45581	383657	8.15
87	.113746	24032	2734	22666	142574	5.93	87	.070773	44075	3119	42515	338076	7.67
88	.122228	21299	2603	19997	119909	5.63	88	.078245	40956	3205	39353	295560	7.22
89	.131035	18696	2450	17471	99911	5.34	89	.086421	37751	3262	36120	256207	6.79
90	.140197	16246	2278	15107	82441	5.07	90	.095325	34489	3288	32845	220087	6.38
91	.149747	13968	2092	12922	67334	4.82	91	.104974	31201	3275	29563	187242	6.00
92	.159722	11876	1897	10928	54412	4.58	92	.115385	27926	3222	26315	157679	5.65
93	.170149	9980	1698	9131	43484	4.36	93	.126570	24703	3127	23140	131365	5.32
94	.181061	8282	1499	7532	34353	4.15	94	.138539	21577	2989	20082	108224	5.02
95	.191974	6782	1302	6131	26821	3.95	95	.150514	18588	2798	17189	88142	4.74
96	.202813	5480	1111	4924	20690	3.78	96	.162303	15790	2563	14508	70954	4.49
97	.213491	4369	933	3902	15766	3.61	97	.173703	13227	2298	12078	56445	4.27
98	.223917	3436	769	3051	11863	3.45	98	.184500	10930	2016	9921	44367	4.06
99	.234001	2667	624	2355	8812	3.30	99	.194471	8913	1733	8046	34446	3.86
100	.244544	2043	500	1793	6458	3.16	100	.204991	7180	1472	6444	26399	3.68
101	.255567	1543	394	1346	4665	3.02	101	.216081	5708	1233	5091	19955	3.50
102	.267096	1149	307	995	3319	2.89	102	.227778	4475	1019	3965	14864	3.32
103	.279143	842	235	724	2323	2.76	103	.240115	3455	830	3041	10899	3.15
104	.291738	607	177	518	1599	2.63	104	.253123	2626	665	2293	7859	2.99
105	.304907	430	131	364	1081	2.51	105	.266842	1961	523	1699	5565	2.84
106	.318674	299	95	251	716	2.40	106	.281305	1438	404	1236	3866	2.69
107	.333072	204	68	170	465	2.28	107	.296561	1033	306	880	2630	2.55
108	.348130	136	47	112	295	2.18	108	.312650	727	227	613	1750	2.41
109	.363863	89	32	72	183	2.07	109	.329616	500	165	417	1137	2.28
110	.380320	56	21	46	111	1.97	110	.347516	335	116	277	720	2.15
111	.397524	35	14	28	65	1.87	111	.366389	219	80	179	443	2.03
112	.415517	21	9	17	37	1.78	112	.386290	138	53	112	265	1.91
113	.434327	12	5	10	21	1.69	113	.407294	85	35	68	153	1.80
114	.454013	7	3	5	11	1.60	114	.429430	50	22	40	85	1.69
115	.474582	4	2	3	6	1.52	115	.452797	29	13	22	46	1.59
116	.496092	2	1	1	3	1.44	116	.477437	16	8	12	23	1.49
117	.518587	1	1	1	1	1.36	117	.503410	8	4	6	11	1.40
118	.542105	0	0	0	1	1.28	118	.530835	4	2	3	5	1.31
119	.566710	0	0	0	0	1.21	119	.559751	2	1	1	2	1.22

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1970

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
0	.022458	100000	2246	97962	7378838	73.79	0	.017592	100000	1759	98414	8110981	81.11
1	.001283	97754	125	97691	7280875	74.48	1	.001090	98241	107	98187	8012567	81.56
2	.000898	97629	88	97585	7183184	73.58	2	.000709	98134	70	98099	7914379	80.65
3	.000710	97541	69	97506	7085599	72.64	3	.000496	98064	49	98040	7816280	79.71
4	.000560	97472	55	97445	6988092	71.69	4	.000410	98015	40	97995	7718240	78.75
5	.000486	97417	47	97394	6890648	70.73	5	.000361	97975	35	97958	7620245	77.78
6	.000439	97370	43	97349	6793254	69.77	6	.000303	97940	30	97925	7522287	76.81
7	.000412	97327	40	97307	6695906	68.80	7	.000260	97910	25	97898	7424362	75.83
8	.000347	97287	34	97270	6598599	67.83	8	.000250	97885	24	97873	7326465	74.85
9	.000282	97253	27	97240	6501329	66.85	9	.000199	97860	19	97851	7228592	73.87
10	.000225	97226	22	97215	6404090	65.87	10	.000191	97841	19	97832	7130742	72.88
11	.000226	97204	22	97193	6306875	64.88	11	.000175	97822	17	97814	7032910	71.89
12	.000271	97182	26	97169	6209682	63.90	12	.000188	97805	18	97796	6935097	70.91
13	.000407	97156	40	97136	6112513	62.91	13	.000220	97787	22	97776	6837300	69.92
14	.000591	97116	57	97087	6015377	61.94	14	.000296	97765	29	97751	6739524	68.94
15	.000809	97059	79	97020	5918289	60.98	15	.000367	97736	36	97718	6641774	67.96
16	.001099	96980	107	96927	5821269	60.03	16	.000457	97700	45	97678	6544055	66.98
17	.001233	96874	119	96814	5724342	59.09	17	.000509	97656	50	97631	6446377	66.01
18	.001435	96754	139	96685	5627529	58.16	18	.000535	97606	52	97580	6348746	65.04
19	.001538	96615	149	96541	5530843	57.25	19	.000556	97554	54	97527	6251167	64.08
20	.001533	96467	148	96393	5434303	56.33	20	.000524	97500	51	97474	6153640	63.11
21	.001608	96319	155	96241	5337910	55.42	21	.000527	97448	51	97423	6056166	62.15
22	.001662	96164	160	96084	5241668	54.51	22	.000534	97397	52	97371	5958743	61.18
23	.001711	96004	164	95922	5145584	53.60	23	.000548	97345	53	97318	5861372	60.21
24	.001775	95840	170	95755	5049662	52.69	24	.000567	97292	55	97264	5764054	59.25
25	.001854	95670	177	95581	4953907	51.78	25	.000584	97237	57	97208	5666790	58.28
26	.001945	95492	186	95400	4858326	50.88	26	.000603	97180	59	97150	5569581	57.31
27	.002048	95307	195	95209	4762926	49.97	27	.000632	97121	61	97090	5472431	56.35
28	.002152	95112	205	95009	4667718	49.08	28	.000676	97060	66	97027	5375341	55.38
29	.002279	94907	216	94799	4572709	48.18	29	.000738	96994	72	96958	5278314	54.42
30	.002380	94691	225	94578	4477910	47.29	30	.000802	96923	78	96884	5181355	53.46
31	.002446	94465	231	94350	4383332	46.40	31	.000851	96845	82	96804	5084471	52.50
32	.002477	94234	233	94117	4288983	45.51	32	.000879	96762	85	96720	4987667	51.55
33	.002480	94001	233	93884	4194865	44.63	33	.000889	96677	86	96634	4890948	50.59
34	.002465	93768	231	93652	4100981	43.74	34	.000888	96591	86	96549	4794313	49.63
35	.002438	93536	228	93422	4007329	42.84	35	.000894	96506	86	96463	4697764	48.68
36	.002426	93308	226	93195	3913906	41.95	36	.000910	96419	88	96376	4601302	47.72
37	.002463	93082	229	92967	3820711	41.05	37	.000933	96332	90	96287	4504926	46.76
38	.002563	92853	238	92734	3727744	40.15	38	.000962	96242	93	96196	4408640	45.81
39	.002707	92615	251	92489	3635010	39.25	39	.001001	96149	96	96101	4312444	44.85
40	.002893	92364	267	92230	3542521	38.35	40	.001052	96053	101	96002	4216343	43.90
41	.003073	92097	283	91955	3450290	37.46	41	.001117	95952	107	95898	4120341	42.94
42	.003194	91814	293	91667	3358335	36.58	42	.001193	95845	114	95788	4024443	41.99
43	.003231	91521	296	91373	3266668	35.69	43	.001278	95730	122	95669	3928655	41.04
44	.003216	91225	293	91078	3175295	34.81	44	.001380	95608	132	95542	3832986	40.09
45	.003189	90932	290	90787	3084217	33.92	45	.001497	95476	143	95405	3737444	39.15
46	.003220	90642	292	90496	2993430	33.02	46	.001637	95333	156	95255	3642039	38.20
47	.003356	90350	303	90198	2902935	32.13	47	.001810	95177	172	95091	3546784	37.27
48	.003639	90046	328	89883	2812737	31.24	48	.002021	95005	192	94909	3451693	36.33
49	.004042	89719	363	89537	2722854	30.35	49	.002268	94813	215	94705	3356784	35.40
50	.004506	89356	403	89155	2633316	29.47	50	.002552	94598	241	94477	3262079	34.48
51	.004982	88954	443	88732	2544162	28.60	51	.002859	94356	270	94222	3167602	33.57
52	.005470	88510	484	88268	2455430	27.74	52	.003178	94087	299	93937	3073380	32.67
53	.005962	88026	525	87764	2367161	26.89	53	.003502	93788	328	93623	2979443	31.77
54	.006468	87501	566	87218	2279398	26.05	54	.003843	93459	359	93280	2885820	30.88
55	.007054	86935	613	86629	2192179	25.22	55	.004223	93100	393	92903	2792540	30.00
56	.007714	86322	666	85989	2105551	24.39	56	.004657	92707	432	92491	2699637	29.12
57	.008382	85656	718	85297	2019561	23.58	57	.005146	92275	475	92038	2607146	28.25
58	.009045	84938	768	84554	1934264	22.77	58	.005700	91800	523	91539	2515108	27.40
59	.009744	84170	820	83760	1849710	21.98	59	.006316	91277	577	90989	2423569	26.55



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1970

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
60	.010496	83350	875	82912	1765950	21.19	60	.006971	90701	632	90384	2332581	25.72
61	.011389	82475	939	82005	1683037	20.41	61	.007684	90068	692	89722	2242196	24.89
62	.012519	81536	1021	81025	1601032	19.64	62	.008502	89376	760	88996	2152474	24.08
63	.013947	80515	1123	79954	1520007	18.88	63	.009445	88616	837	88198	2063478	23.29
64	.015623	79392	1240	78772	1440053	18.14	64	.010492	87779	921	87319	1975280	22.50
65	.017519	78152	1369	77467	1361281	17.42	65	.011637	86858	1011	86353	1887961	21.74
66	.019507	76783	1498	76034	1283814	16.72	66	.012815	85848	1100	85297	1801608	20.99
67	.021476	75285	1617	74476	1207781	16.04	67	.013957	84747	1183	84156	1716311	20.25
68	.023362	73668	1721	72807	1133304	15.38	68	.015023	83565	1255	82937	1632155	19.53
69	.025253	71947	1817	71038	1060497	14.74	69	.016058	82309	1322	81648	1549218	18.82
70	.027292	70130	1914	69173	989458	14.11	70	.017188	80987	1392	80291	1467570	18.12
71	.029611	68216	2020	67206	920285	13.49	71	.018442	79595	1468	78861	1387278	17.43
72	.032243	66196	2134	65129	853079	12.89	72	.019737	78128	1542	77357	1308417	16.75
73	.035246	64062	2258	62933	787950	12.30	73	.021069	76586	1614	75779	1231060	16.07
74	.038596	61804	2385	60611	725017	11.73	74	.022489	74972	1686	74129	1155282	15.41
75	.042271	59418	2512	58163	664406	11.18	75	.024133	73286	1769	72402	1081152	14.75
76	.046195	56907	2629	55592	606244	10.65	76	.026008	71517	1860	70587	1008751	14.10
77	.050307	54278	2731	52913	550651	10.15	77	.028011	69657	1951	68682	938163	13.47
78	.054575	51547	2813	50141	497739	9.66	78	.030137	67706	2040	66686	869482	12.84
79	.059072	48734	2879	47295	447598	9.18	79	.032480	65666	2133	64599	802796	12.23
80	.063873	45855	2929	44391	400303	8.73	80	.035188	63533	2236	62415	738197	11.62
81	.069103	42926	2966	41443	355912	8.29	81	.038359	61297	2351	60122	675782	11.02
82	.074857	39960	2991	38464	314469	7.87	82	.042010	58946	2476	57708	615660	10.44
83	.081205	36969	3002	35468	276004	7.47	83	.046195	56470	2609	55165	557952	9.88
84	.088094	33967	2992	32471	240537	7.08	84	.050952	53861	2744	52489	502787	9.33
85	.095428	30974	2956	29497	208066	6.72	85	.056304	51117	2878	49678	450298	8.81
86	.103119	28019	2889	26574	178569	6.37	86	.062271	48239	3004	46737	400620	8.30
87	.111117	25129	2792	23733	151995	6.05	87	.068873	45235	3115	43677	353884	7.82
88	.119404	22337	2667	21004	128262	5.74	88	.076129	42119	3206	40516	310207	7.36
89	.128002	19670	2518	18411	107259	5.45	89	.084067	38913	3271	37277	269691	6.93
90	.136941	17152	2349	15978	88847	5.18	90	.092710	35642	3304	33989	232413	6.52
91	.146257	14803	2165	13721	72870	4.92	91	.102078	32337	3301	30687	198424	6.14
92	.155989	12638	1971	11653	59149	4.68	92	.112191	29036	3258	27407	167737	5.78
93	.166168	10667	1772	9781	47496	4.45	93	.123062	25779	3172	24192	140330	5.44
94	.176823	8894	1573	8108	37716	4.24	94	.134701	22606	3045	21084	116137	5.14
95	.187486	7322	1373	6635	29608	4.04	95	.146349	19561	2863	18130	95054	4.86
96	.198078	5949	1178	5360	22973	3.86	96	.157819	16698	2635	15381	76924	4.61
97	.208519	4771	995	4273	17613	3.69	97	.168914	14063	2375	12875	61543	4.38
98	.218716	3776	826	3363	13340	3.53	98	.179428	11688	2097	10639	48668	4.16
99	.228585	2950	674	2613	9977	3.38	99	.189148	9591	1814	8684	38029	3.97
100	.238903	2276	544	2004	7364	3.24	100	.199400	7777	1551	7001	29345	3.77
101	.249690	1732	432	1516	5360	3.09	101	.210208	6226	1309	5572	22344	3.59
102	.260971	1300	339	1130	3844	2.96	102	.221607	4917	1090	4372	16772	3.41
103	.272769	960	262	829	2714	2.83	103	.233630	3827	894	3380	12400	3.24
104	.285096	698	199	599	1885	2.70	104	.246308	2933	722	2572	9020	3.07
105	.297991	499	149	425	1286	2.58	105	.259684	2211	574	1924	6448	2.92
106	.311470	351	109	296	861	2.46	106	.273787	1637	448	1413	4524	2.76
107	.325569	241	79	202	565	2.34	107	.288659	1189	343	1017	3111	2.62
108	.340307	163	55	135	363	2.23	108	.304354	845	257	717	2094	2.48
109	.355731	107	38	88	228	2.12	109	.320895	588	189	494	1377	2.34
110	.371848	69	26	56	140	2.02	110	.338356	399	135	332	884	2.21
111	.388701	43	17	35	84	1.92	111	.356768	264	94	217	552	2.09
112	.406326	27	11	21	49	1.83	112	.376177	170	64	138	335	1.97
113	.424753	16	7	12	27	1.73	113	.396671	106	42	85	197	1.85
114	.444032	9	4	7	15	1.64	114	.418279	64	27	51	112	1.74
115	.464185	5	2	4	8	1.56	115	.441071	37	16	29	61	1.64
116	.485263	3	1	2	4	1.48	116	.465109	21	10	16	32	1.54
117	.507310	1	1	1	2	1.40	117	.490475	11	5	8	16	1.44
118	.530357	1	0	1	1	1.32	118	.517224	6	3	4	8	1.35
119	.554474	0	0	0	0	1.25	119	.545450	3	1	2	3	1.26

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1975

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.017831	100000	1783	98398	7464505	74.65	0	.014158	100000	1416	98736	8177162	81.77
1	.001101	98217	108	98163	7366106	75.00	1	.000955	98584	94	98537	8078427	81.94
2	.000793	98109	78	98070	7267943	74.08	2	.000615	98490	61	98460	7979890	81.02
3	.000622	98031	61	98000	7169873	73.14	3	.000440	98429	43	98408	7881430	80.07
4	.000488	97970	48	97946	7071872	72.18	4	.000381	98386	37	98367	7783022	79.11
5	.000421	97922	41	97902	6973927	71.22	5	.000293	98349	29	98334	7684654	78.14
6	.000384	97881	38	97862	6876025	70.25	6	.000255	98320	25	98307	7586320	77.16
7	.000339	97843	33	97827	6778163	69.28	7	.000234	98295	23	98283	7488012	76.18
8	.000274	97810	27	97797	6680336	68.30	8	.000199	98272	20	98262	7389729	75.20
9	.000240	97783	23	97772	6582539	67.32	9	.000174	98252	17	98244	7291467	74.21
10	.000199	97760	19	97750	6484768	66.33	10	.000163	98235	16	98227	7193224	73.22
11	.000211	97740	21	97730	6387017	65.35	11	.000152	98219	15	98212	7094996	72.24
12	.000279	97720	27	97706	6289288	64.36	12	.000162	98204	16	98196	6996785	71.25
13	.000424	97693	41	97672	6191581	63.38	13	.000232	98188	23	98177	6898588	70.26
14	.000647	97651	63	97620	6093909	62.40	14	.000308	98166	30	98150	6800412	69.27
15	.000823	97588	80	97548	5996290	61.44	15	.000368	98135	36	98117	6702261	68.30
16	.001010	97508	98	97458	5898742	60.50	16	.000437	98099	43	98078	6604144	67.32
17	.001168	97409	114	97352	5801284	59.56	17	.000484	98056	47	98033	6506067	66.35
18	.001275	97295	124	97233	5703931	58.62	18	.000503	98009	49	97984	6408034	65.38
19	.001344	97171	131	97106	5606698	57.70	19	.000503	97960	49	97935	6310050	64.41
20	.001403	97041	136	96973	5509591	56.78	20	.000501	97910	49	97886	6212115	63.45
21	.001470	96905	142	96833	5412619	55.86	21	.000507	97861	50	97836	6114229	62.48
22	.001534	96762	148	96688	5315785	54.94	22	.000515	97812	50	97786	6016393	61.51
23	.001607	96614	155	96536	5219098	54.02	23	.000526	97761	51	97736	5918606	60.54
24	.001697	96458	164	96377	5122561	53.11	24	.000542	97710	53	97683	5820870	59.57
25	.001785	96295	172	96209	5026185	52.20	25	.000555	97657	54	97630	5723187	58.61
26	.001856	96123	178	96034	4929976	51.29	26	.000568	97603	55	97575	5625558	57.64
27	.001905	95944	183	95853	4833943	50.38	27	.000589	97547	57	97518	5527983	56.67
28	.001939	95762	186	95669	4738090	49.48	28	.000619	97490	60	97460	5430464	55.70
29	.001972	95576	188	95482	4642421	48.57	29	.000655	97429	64	97398	5333005	54.74
30	.002016	95388	192	95291	4546939	47.67	30	.000694	97366	68	97332	5235607	53.77
31	.002064	95195	196	95097	4451647	46.76	31	.000731	97298	71	97262	5138275	52.81
32	.002104	94999	200	94899	4356550	45.86	32	.000761	97227	74	97190	5041012	51.85
33	.002133	94799	202	94698	4261651	44.95	33	.000783	97153	76	97115	4943822	50.89
34	.002161	94597	204	94494	4166953	44.05	34	.000799	97077	78	97038	4846707	49.93
35	.002193	94392	207	94289	4072458	43.14	35	.000823	96999	80	96959	4749670	48.97
36	.002244	94185	211	94080	3978170	42.24	36	.000856	96919	83	96878	4652710	48.01
37	.002327	93974	219	93865	3884090	41.33	37	.000890	96836	86	96793	4555832	47.05
38	.002454	93755	230	93640	3790226	40.43	38	.000927	96750	90	96705	4459039	46.09
39	.002616	93525	245	93403	3696585	39.53	39	.000970	96661	94	96614	4362333	45.13
40	.002820	93280	263	93149	3603183	38.63	40	.001024	96567	99	96517	4265720	44.17
41	.003022	93017	281	92877	3510034	37.74	41	.001092	96468	105	96415	4169202	43.22
42	.003153	92736	292	92590	3417157	36.85	42	.001167	96363	112	96306	4072787	42.27
43	.003183	92444	294	92297	3324566	35.96	43	.001251	96250	120	96190	3976481	41.31
44	.003155	92150	291	92004	3232270	35.08	44	.001349	96130	130	96065	3880291	40.37
45	.003122	91859	287	91716	3140265	34.19	45	.001463	96000	140	95930	3784225	39.42
46	.003155	91572	289	91428	3048550	33.29	46	.001601	95860	153	95783	3688296	38.48
47	.003289	91283	300	91133	2957122	32.40	47	.001770	95706	169	95621	3592513	37.54
48	.003561	90983	324	90821	2865989	31.50	48	.001974	95537	189	95442	3496891	36.60
49	.003945	90659	358	90480	2775168	30.61	49	.002213	95348	211	95243	3401449	35.67
50	.004392	90301	397	90103	2684688	29.73	50	.002490	95137	237	95019	3306206	34.75
51	.004857	89905	437	89686	2594585	28.86	51	.002789	94900	265	94768	3211187	33.84
52	.005335	89468	477	89229	2504898	28.00	52	.003102	94636	294	94489	3116419	32.93
53	.005809	88991	517	88732	2415669	27.15	53	.003416	94342	322	94181	3021930	32.03
54	.006296	88474	557	88195	2326936	26.30	54	.003748	94020	352	93844	2927750	31.14
55	.006865	87917	604	87615	2238741	25.46	55	.004119	93667	386	93474	2833906	30.25
56	.007510	87313	656	86985	2151126	24.64	56	.004544	93282	424	93070	2740432	29.38
57	.008161	86658	707	86304	2064141	23.82	57	.005021	92858	466	92625	2647362	28.51
58	.008800	85950	756	85572	1977837	23.01	58	.005559	92391	514	92135	2554737	27.65
59	.009469	85194	807	84791	1892265	22.21	59	.006156	91878	566	91595	2462603	26.80

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1975

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
60	.010192	84387	860	83957	1807474	21.42	60	.006791	91312	620	91002	2371008	25.97
61	.011057	83527	924	83065	1723517	20.63	61	.007484	90692	679	90353	2280005	25.14
62	.012162	82604	1005	82101	1640451	19.86	62	.008283	90013	746	89641	2189652	24.33
63	.013561	81599	1107	81046	1558350	19.10	63	.009213	89268	822	88857	2100012	23.52
64	.015211	80492	1224	79880	1477304	18.35	64	.010246	88445	906	87992	2011155	22.74
65	.017076	79268	1354	78591	1397424	17.63	65	.011376	87539	996	87041	1923163	21.97
66	.019032	77915	1483	77173	1318833	16.93	66	.012538	86543	1085	86001	1836122	21.22
67	.020966	76432	1602	75630	1241660	16.25	67	.013661	85458	1167	84875	1750121	20.48
68	.022808	74829	1707	73976	1166029	15.58	68	.014765	84291	1239	83671	1665246	19.76
69	.024651	73122	1803	72221	1092054	14.93	69	.015714	83051	1305	82399	1581575	19.04
70	.026637	71320	1900	70370	1019832	14.30	70	.016815	81746	1375	81059	1499176	18.34
71	.028899	69420	2006	68417	949462	13.68	71	.018037	80372	1450	79647	1418117	17.64
72	.031467	67414	2121	66353	881045	13.07	72	.019295	78922	1523	78161	1338471	16.96
73	.034399	65293	2246	64170	814692	12.48	73	.020591	77399	1594	76602	1260310	16.28
74	.037669	63047	2375	61859	750522	11.90	74	.021971	75806	1666	74973	1183708	15.62
75	.041260	60672	2503	59420	688663	11.35	75	.023568	74140	1747	73266	1108735	14.95
76	.045093	58168	2623	56857	629243	10.82	76	.025388	72393	1838	71474	1035468	14.30
77	.049107	55545	2728	54182	572386	10.30	77	.027332	70555	1928	69591	963995	13.66
78	.053271	52818	2814	51411	518204	9.81	78	.029394	68626	2017	67618	894404	13.03
79	.057657	50004	2883	48563	466793	9.34	79	.031666	66609	2109	65555	826787	12.41
80	.062337	47121	2937	45652	418231	8.88	80	.034288	64500	2212	63394	761232	11.80
81	.067440	44184	2980	42694	372578	8.43	81	.037364	62283	2327	61125	697838	11.20
82	.073065	41204	3011	39699	329884	8.01	82	.040909	59961	2453	58735	636713	10.62
83	.079284	38193	3028	36679	290186	7.60	83	.044984	57508	2587	56215	577979	10.05
84	.086040	35165	3026	33652	253506	7.21	84	.049618	54921	2725	53559	521764	9.50
85	.093232	32140	2996	30641	219854	6.84	85	.054832	52196	2862	50765	468206	8.97
86	.100768	29143	2937	27675	189213	6.49	86	.060640	49334	2992	47838	417441	8.46
87	.108594	26206	2846	24784	161538	6.16	87	.067058	46342	3108	44789	369602	7.98
88	.116695	23361	2726	21998	136754	5.85	88	.074110	43255	3204	41633	324814	7.51
89	.125092	20635	2581	19344	114757	5.56	89	.081821	40031	3275	38393	283181	7.07
90	.133818	18053	2416	16845	95413	5.29	90	.090215	36755	3316	35097	244788	6.66
91	.142910	15637	2235	14520	78567	5.02	91	.099314	33439	3321	31779	209691	6.27
92	.152409	13403	2043	12381	64047	4.78	92	.109142	30118	3287	28475	177912	5.91
93	.162347	11360	1844	10438	51666	4.55	93	.119711	26831	3212	25225	149437	5.57
94	.172759	9516	1644	8694	41228	4.33	94	.131036	23619	3095	22072	124212	5.26
95	.183179	7872	1442	7151	32534	4.13	95	.142372	20524	2922	19063	102140	4.98
96	.193533	6430	1244	5808	25383	3.95	96	.153537	17632	2703	16251	83077	4.72
97	.203741	5185	1056	4657	19576	3.78	97	.164341	14900	2449	13675	66826	4.49
98	.213722	4129	882	3688	14918	3.61	98	.174582	12451	2174	11364	53150	4.27
99	.223381	3247	725	2884	11231	3.46	99	.184056	10277	1892	9331	41786	4.07
100	.233484	2521	589	2227	8347	3.31	100	.194051	8306	1627	7572	32455	3.87
101	.244045	1933	472	1697	6120	3.17	101	.204590	6758	1383	6067	24883	3.68
102	.255092	1461	373	1275	4423	3.03	102	.215703	5375	1160	4796	18816	3.50
103	.266639	1088	290	943	3148	2.89	103	.227431	4216	959	3737	14020	3.33
104	.278725	798	222	687	2205	2.76	104	.239792	3257	781	2867	10283	3.16
105	.291352	576	168	492	1518	2.64	105	.252839	2476	626	2163	7416	3.00
106	.304557	408	124	346	1026	2.52	106	.266593	1850	493	1604	5253	2.84
107	.318367	284	90	239	681	2.40	107	.281102	1357	381	1166	3650	2.69
108	.332805	193	64	161	442	2.29	108	.296416	975	289	831	2484	2.55
109	.347911	129	45	107	281	2.18	109	.312562	686	215	579	1653	2.41
110	.363701	84	31	69	174	2.07	110	.329594	472	156	394	1074	2.28
111	.380217	54	20	43	106	1.97	111	.347556	316	110	261	680	2.15
112	.397491	33	13	27	62	1.87	112	.366511	206	76	169	418	2.03
113	.415548	20	8	16	36	1.78	113	.386500	131	51	105	250	1.91
114	.434445	12	5	9	20	1.69	114	.407592	80	33	64	144	1.80
115	.454198	7	3	5	11	1.60	115	.429638	48	20	37	80	1.69
116	.474852	4	2	3	5	1.52	116	.453314	27	12	21	43	1.59
117	.496463	2	1	1	3	1.43	117	.478073	15	7	11	22	1.49
118	.519072	1	0	1	1	1.36	118	.504201	8	4	6	11	1.40
119	.542709	0	0	0	1	1.28	119	.531762	4	2	3	5	1.31

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1980

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.013980	100000	1398	98776	7540663	75.41	0	.011246	100000	1125	99015	8237540	82.38
1	.000970	98602	96	98554	7441886	75.47	1	.000831	98875	82	98834	8138525	82.31
2	.000635	98506	63	98475	7343332	74.55	2	.000537	98793	53	98767	8039691	81.38
3	.000520	98444	51	98418	7244858	73.59	3	.000346	98740	34	98723	7940924	80.42
4	.000359	98393	35	98375	7146439	72.63	4	.000279	98706	28	98692	7842201	79.45
5	.000341	98357	34	98341	7048064	71.66	5	.000240	98678	24	98667	7743509	78.47
6	.000300	98324	29	98309	6949724	70.68	6	.000211	98655	21	98644	7644843	77.49
7	.000296	98294	29	98280	6851415	69.70	7	.000188	98634	19	98625	7546198	76.51
8	.000256	98265	25	98253	6753135	68.72	8	.000183	98615	18	98606	7447573	75.52
9	.000253	98240	25	98228	6654883	67.74	9	.000178	98597	18	98589	7348967	74.54
10	.000200	98215	20	98205	6556655	66.76	10	.000148	98580	15	98573	7250379	73.55
11	.000205	98196	20	98185	6458450	65.77	11	.000144	98565	14	98558	7151806	72.56
12	.000267	98175	26	98162	6360265	64.78	12	.000165	98551	16	98543	7053248	71.57
13	.000397	98149	39	98130	6262102	63.80	13	.000209	98535	21	98525	6954705	70.58
14	.000570	98110	56	98082	6163972	62.83	14	.000271	98514	27	98501	6856180	69.60
15	.000761	98054	75	98017	6065891	61.86	15	.000343	98488	34	98471	6757680	68.61
16	.000938	97980	92	97934	5967873	60.91	16	.000407	98454	40	98434	6659209	67.64
17	.001083	97888	106	97835	5869940	59.97	17	.000455	98414	45	98391	6560776	66.67
18	.001178	97782	115	97724	5772106	59.03	18	.000475	98369	47	98346	6462384	65.70
19	.001237	97667	121	97606	5674381	58.10	19	.000477	98322	47	98299	6364039	64.73
20	.001288	97546	126	97483	5576776	57.17	20	.000475	98275	47	98252	6265740	63.76
21	.001347	97420	131	97354	5479292	56.24	21	.000479	98229	47	98205	6167488	62.79
22	.001411	97289	137	97220	5381938	55.32	22	.000481	98182	47	98158	6069283	61.82
23	.001474	97152	143	97080	5284718	54.40	23	.000486	98134	48	98110	5971125	60.85
24	.001529	97008	148	96934	5187638	53.48	24	.000496	98087	49	98062	5873015	59.88
25	.001568	96860	152	96784	5090704	52.56	25	.000504	98038	49	98013	5774952	58.91
26	.001601	96708	155	96631	4993920	51.64	26	.000511	97989	50	97964	5676939	57.93
27	.001643	96553	159	96474	4897289	50.72	27	.000531	97938	52	97912	5578976	56.96
28	.001700	96395	164	96313	4800815	49.80	28	.000561	97886	55	97859	5481063	55.99
29	.001767	96231	170	96146	4704502	48.89	29	.000598	97832	59	97802	5383204	55.03
30	.001841	96061	177	95972	4608356	47.97	30	.000643	97773	63	97742	5285401	54.06
31	.001917	95884	184	95792	4512384	47.06	31	.000686	97710	67	97677	5187660	53.09
32	.001985	95700	190	95605	4416592	46.15	32	.000724	97643	71	97608	5089983	52.13
33	.002040	95510	195	95413	4320987	45.24	33	.000754	97572	74	97536	4992375	51.17
34	.002091	95315	199	95216	4225574	44.33	34	.000777	97499	76	97461	4894840	50.20
35	.002130	95116	203	95015	4130358	43.42	35	.000803	97423	78	97384	4797379	49.24
36	.002182	94913	207	94810	4035343	42.52	36	.000835	97345	81	97304	4699995	48.28
37	.002270	94706	215	94599	3940533	41.61	37	.000870	97264	85	97221	4602691	47.32
38	.002406	94491	227	94378	3845934	40.70	38	.000908	97179	88	97135	4505470	46.36
39	.002574	94264	243	94143	3751557	39.80	39	.000950	97091	92	97045	4408334	45.40
40	.002778	94021	261	93891	3657414	38.90	40	.001005	96999	97	96950	4311290	44.45
41	.002969	93760	278	93621	3563523	38.01	41	.001069	96901	104	96849	4214340	43.49
42	.003095	93482	289	93337	3469902	37.12	42	.001141	96797	110	96742	4117491	42.54
43	.003126	93193	291	93047	3376565	36.23	43	.001225	96687	118	96628	4020748	41.59
44	.003100	92901	288	92757	3283518	35.34	44	.001320	96569	127	96505	3924121	40.64
45	.003062	92613	284	92471	3190761	34.45	45	.001431	96441	138	96372	3827616	39.69
46	.003081	92330	284	92187	3098289	33.56	46	.001564	96303	151	96228	3731244	38.74
47	.003204	92045	295	91898	3006102	32.66	47	.001728	96152	166	96069	3635016	37.80
48	.003467	91750	318	91591	2914204	31.76	48	.001929	95986	185	95894	3538947	36.87
49	.003843	91432	351	91256	2822613	30.87	49	.002162	95801	207	95698	3443053	35.94
50	.004279	91081	390	90886	2731357	29.99	50	.002430	95594	232	95478	3347355	35.02
51	.004729	90691	429	90477	2640471	29.12	51	.002722	95362	260	95232	3251877	34.10
52	.005192	90262	469	90028	2549994	28.25	52	.003024	95102	288	94958	3156646	33.19
53	.005653	89794	508	89540	2459967	27.40	53	.003332	94815	316	94657	3061687	32.29
54	.006129	89286	547	89012	2370427	26.55	54	.003657	94499	346	94326	2967031	31.40
55	.006685	88739	593	88442	2281414	25.71	55	.004019	94153	378	93964	2872705	30.51
56	.007310	88145	644	87823	2192973	24.88	56	.004435	93775	416	93567	2778741	29.63
57	.007939	87501	695	87154	2105149	24.06	57	.004901	93359	458	93130	2685175	28.76
58	.008557	86806	743	86435	2017996	23.25	58	.005423	92901	504	92649	2592045	27.90
59	.009205	86064	792	85668	1931561	22.44	59	.006004	92397	555	92120	2499395	27.05

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1980

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.009903	85271	844	84849	1845893	21.65	60	.006619	91843	608	91539	2407275	26.21
61	.010739	84427	907	83974	1761044	20.86	61	.007292	91235	665	90902	2315736	25.38
62	.011813	83520	987	83027	1677070	20.08	62	.008075	90569	731	90204	2224835	24.56
63	.013190	82534	1089	81989	1594043	19.31	63	.008989	89838	808	89434	2134631	23.76
64	.014815	81445	1207	80842	1512054	18.57	64	.010011	89031	891	88585	2045196	22.97
65	.016654	80238	1336	79570	1431212	17.84	65	.011127	88139	981	87649	1956612	22.20
66	.018577	78902	1466	78169	1351642	17.13	66	.012273	87159	1070	86624	1868963	21.44
67	.020473	77436	1585	76644	1273473	16.45	67	.013377	86089	1152	85513	1782339	20.70
68	.022276	75851	1690	75006	1196829	15.78	68	.014400	84937	1223	84326	1696826	19.98
69	.024075	74161	1785	73269	1121822	15.13	69	.015385	83714	1288	83070	1612500	19.26
70	.026011	72376	1883	71435	1048554	14.49	70	.016458	82426	1357	81748	1529430	18.56
71	.028218	70493	1989	69499	977119	13.86	71	.017648	81070	1431	80354	1447682	17.86
72	.030724	68504	2105	67452	907620	13.25	72	.018874	79639	1503	78887	1367328	17.17
73	.033587	66399	2230	65284	840169	12.65	73	.020134	78136	1573	77349	1288441	16.49
74	.036783	64169	2360	62989	774884	12.08	74	.021476	76563	1644	75741	1211091	15.82
75	.040294	61809	2491	60564	711895	11.52	75	.023029	74918	1725	74056	1135351	15.15
76	.044039	59318	2612	58012	651332	10.98	76	.024797	73193	1815	72286	1061295	14.50
77	.047960	56706	2720	55346	593319	10.46	77	.026684	71378	1905	70426	989009	13.86
78	.052025	53986	2809	52582	537973	9.96	78	.028685	69473	1993	68477	918584	13.22
79	.056305	51178	2882	49737	485391	9.48	79	.030889	67481	2084	66438	850107	12.60
80	.060870	48296	2940	46826	435654	9.02	80	.033433	65396	2186	64303	783668	11.98
81	.065851	45356	2987	43863	388827	8.57	81	.036416	63210	2302	62059	719365	11.38
82	.071352	42370	3023	40858	344964	8.14	82	.039863	60908	2428	59694	657306	10.79
83	.077447	39347	3047	37823	304106	7.73	83	.043831	58480	2563	57198	597612	10.22
84	.084075	36299	3052	34773	266283	7.34	84	.048347	55917	2703	54565	540414	9.66
85	.091128	33247	3030	31733	231510	6.96	85	.053428	53213	2843	51792	485849	9.13
86	.098514	30218	2977	28729	199777	6.61	86	.059082	50370	2976	48882	434057	8.62
87	.106175	27241	2892	25795	171048	6.28	87	.065327	47394	3096	45846	385175	8.13
88	.114096	24348	2778	22959	145253	5.97	88	.072182	44298	3198	42699	339329	7.66
89	.122300	21570	2638	20251	122294	5.67	89	.079674	41101	3275	39463	296629	7.22
90	.130821	18932	2477	17694	102043	5.39	90	.087831	37826	3322	36165	257166	6.80
91	.139698	16456	2299	15306	84349	5.13	91	.096675	34504	3336	32836	221001	6.41
92	.148973	14157	2109	13102	69042	4.88	92	.106228	31168	3311	29513	188165	6.04
93	.158682	12048	1912	11092	55940	4.64	93	.116511	27857	3246	26234	158653	5.70
94	.168856	10136	1712	9280	44848	4.42	94	.127532	24611	3139	23042	132418	5.38
95	.179044	8425	1508	7670	35568	4.22	95	.138569	21473	2975	19985	109376	5.09
96	.189168	6916	1308	6262	27898	4.03	96	.149443	18497	2764	17115	89391	4.83
97	.199155	5608	1117	5049	21636	3.86	97	.159966	15733	2517	14475	72276	4.59
98	.208919	4491	938	4022	16586	3.69	98	.169950	13216	2246	12093	57801	4.37
99	.218388	3553	776	3165	12564	3.54	99	.179186	10970	1966	9987	45708	4.17
100	.228282	2777	634	2460	9399	3.38	100	.188936	9004	1701	8154	35721	3.97
101	.238629	2143	511	1887	6940	3.24	101	.199218	7303	1455	6576	27567	3.77
102	.249449	1632	407	1428	5052	3.10	102	.210056	5848	1228	5234	20991	3.59
103	.260762	1225	319	1065	3624	2.96	103	.221499	4620	1023	4108	15757	3.41
104	.272597	905	247	782	2559	2.83	104	.233565	3597	840	3177	11649	3.24
105	.284969	658	188	565	1777	2.70	105	.246292	2756	679	2417	8473	3.07
106	.297910	471	140	401	1213	2.58	106	.259714	2078	540	1808	6056	2.91
107	.311444	331	103	279	812	2.46	107	.273879	1538	421	1327	4248	2.76
108	.325593	228	74	191	533	2.34	108	.288815	1117	323	956	2921	2.62
109	.340399	154	52	127	342	2.23	109	.304577	794	242	673	1965	2.47
110	.355876	101	36	83	215	2.12	110	.321200	552	177	464	1292	2.34
111	.372059	65	24	53	132	2.02	111	.338743	375	127	311	828	2.21
112	.388992	41	16	33	79	1.92	112	.357244	248	89	204	517	2.08
113	.406707	25	10	20	46	1.82	113	.376769	159	60	129	313	1.96
114	.425226	15	6	12	26	1.73	114	.397364	99	39	80	184	1.85
115	.444589	9	4	7	14	1.64	115	.419086	60	25	47	104	1.74
116	.464859	5	2	4	7	1.56	116	.442023	35	15	27	57	1.64
117	.486043	3	1	2	4	1.47	117	.466205	19	9	15	30	1.53
118	.508200	1	1	1	2	1.39	118	.491737	10	5	8	15	1.44
119	.531395	1	0	0	1	1.32	119	.518656	5	3	4	7	1.35

**Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex**

**Persons Born in 1985**

Male							Female						
x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>	x	q <sub>x</sub>	l <sub>x</sub>	d <sub>x</sub>	L <sub>x</sub>	T <sub>x</sub>	e <sub>x</sub>
0	.011938	100000	1194	98957	7592946	75.93	0	.009340	100000	934	99188	8285545	82.86
1	.000841	98806	83	98765	7493989	75.85	1	.000733	99066	73	99030	8186357	82.64
2	.000589	98723	58	98694	7395225	74.91	2	.000460	98993	46	98971	8087328	81.70
3	.000455	98665	45	98643	7296531	73.95	3	.000344	98948	34	98931	7988357	80.73
4	.000300	98620	30	98605	7197888	72.99	4	.000234	98914	23	98902	7889426	79.76
5	.000295	98590	29	98576	7099283	72.01	5	.000213	98891	21	98880	7790524	78.78
6	.000274	98561	27	98548	7000706	71.03	6	.000194	98870	19	98860	7691644	77.80
7	.000253	98534	25	98522	6902158	70.05	7	.000179	98850	18	98842	7592784	76.81
8	.000226	98509	22	98498	6803636	69.07	8	.000162	98833	16	98825	7493943	75.82
9	.000196	98487	19	98478	6705138	68.08	9	.000145	98817	14	98810	7395118	74.84
10	.000176	98468	17	98459	6606661	67.09	10	.000133	98802	13	98796	7296309	73.85
11	.000187	98451	18	98441	6508202	66.11	11	.000131	98789	13	98783	7197513	72.86
12	.000247	98432	24	98420	6409760	65.12	12	.000151	98776	15	98769	7098730	71.87
13	.000366	98408	36	98390	6311340	64.13	13	.000193	98761	19	98752	6999961	70.88
14	.000526	98372	52	98346	6212950	63.16	14	.000254	98742	25	98730	6901209	69.89
15	.000704	98320	69	98285	6114604	62.19	15	.000323	98717	32	98701	6802479	68.91
16	.000871	98251	86	98208	6016318	61.23	16	.000386	98685	38	98666	6703777	67.93
17	.001008	98165	99	98116	5918111	60.29	17	.000432	98647	43	98626	6605111	66.96
18	.001096	98066	107	98013	5819994	59.35	18	.000452	98605	45	98582	6506485	65.99
19	.001153	97959	113	97902	5721982	58.41	19	.000451	98560	44	98538	6407902	65.02
20	.001205	97846	118	97787	5624079	57.48	20	.000446	98516	44	98494	6309364	64.04
21	.001268	97728	124	97666	5526293	56.55	21	.000445	98472	44	98450	6210871	63.07
22	.001327	97604	130	97539	5428627	55.62	22	.000447	98428	44	98406	6112420	62.10
23	.001378	97475	134	97407	5331087	54.69	23	.000454	98384	45	98362	6014015	61.13
24	.001430	97340	139	97271	5233680	53.77	24	.000466	98339	46	98316	5915653	60.16
25	.001477	97201	144	97129	5136409	52.84	25	.000478	98293	47	98270	5817336	59.18
26	.001525	97057	148	96983	5039280	51.92	26	.000489	98246	48	98222	5719067	58.21
27	.001579	96909	153	96833	4942297	51.00	27	.000510	98198	50	98173	5620844	57.24
28	.001645	96756	159	96677	4845464	50.08	28	.000542	98148	53	98122	5522671	56.27
29	.001719	96597	166	96514	4748786	49.16	29	.000583	98095	57	98066	5424549	55.30
30	.001802	96431	174	96344	4652272	48.24	30	.000629	98038	62	98007	5326483	54.33
31	.001884	96257	181	96167	4555928	47.33	31	.000674	97976	66	97943	5228476	53.36
32	.001956	96076	188	95982	4459761	46.42	32	.000714	97910	70	97875	5130533	52.40
33	.002012	95888	193	95792	4363779	45.51	33	.000742	97840	73	97804	5032658	51.44
34	.002060	95695	197	95597	4267988	44.60	34	.000764	97768	75	97730	4934854	50.48
35	.002101	95498	201	95398	4172391	43.69	35	.000790	97693	77	97654	4837123	49.51
36	.002156	95297	205	95195	4076993	42.78	36	.000824	97616	80	97576	4739469	48.55
37	.002245	95092	213	94985	3981799	41.87	37	.000858	97535	84	97494	4641893	47.59
38	.002377	94879	226	94766	3886813	40.97	38	.000894	97452	87	97408	4544399	46.63
39	.002540	94653	240	94533	3792047	40.06	39	.000935	97365	91	97319	4446992	45.67
40	.002742	94413	259	94283	3697515	39.16	40	.000986	97274	96	97226	4349672	44.72
41	.002933	94154	276	94016	3603232	38.27	41	.001048	97178	102	97127	4252447	43.76
42	.003057	93878	287	93734	3509216	37.38	42	.001119	97076	109	97021	4155320	42.80
43	.003081	93591	288	93446	3415482	36.49	43	.001199	96967	116	96909	4058299	41.85
44	.003045	93302	284	93160	3322036	35.61	44	.001293	96851	125	96788	3961390	40.90
45	.003000	93018	279	92879	3228875	34.71	45	.001400	96726	135	96658	3864602	39.95
46	.003016	92739	280	92599	3135997	33.82	46	.001529	96590	148	96516	3767943	39.01
47	.003134	92459	290	92314	3043398	32.92	47	.001689	96443	163	96361	3671427	38.07
48	.003387	92170	312	92013	2951083	32.02	48	.001884	96280	181	96189	3575066	37.13
49	.003750	91857	344	91685	2859069	31.13	49	.002111	96098	203	95997	3478877	36.20
50	.004173	91513	382	91322	2767384	30.24	50	.002372	95895	227	95782	3382880	35.28
51	.004612	91131	420	90921	2676062	29.36	51	.002657	95668	254	95541	3287098	34.36
52	.005064	90711	459	90481	2585141	28.50	52	.002953	95414	282	95273	3191558	33.45
53	.005513	90251	498	90003	2494660	27.64	53	.003253	95132	309	94977	3096285	32.55
54	.005972	89754	536	89486	2404658	26.79	54	.003570	94823	339	94653	3001307	31.65
55	.006511	89218	581	88927	2315172	25.95	55	.003925	94484	371	94299	2906654	30.76
56	.007122	88637	631	88321	2226244	25.12	56	.004330	94113	408	93909	2812356	29.88
57	.007735	88006	681	87665	2137923	24.29	57	.004784	93706	448	93482	2718446	29.01
58	.008333	87325	728	86961	2050258	23.48	58	.005293	93257	494	93011	2624965	28.15
59	.008955	86597	775	86210	1963297	22.67	59	.005857	92764	543	92492	2531954	27.29

Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1985

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.009626	85822	826	85409	1877087	21.87	60	.006454	92220	595	91923	2439462	26.45
61	.010435	84996	887	84552	1791678	21.08	61	.007109	91625	651	91300	2347539	25.62
62	.011485	84109	966	83626	1707126	20.30	62	.007874	90974	716	90616	2256240	24.80
63	.012838	83143	1067	82609	1623501	19.53	63	.008775	90258	792	89862	2165624	23.99
64	.014439	82075	1185	81483	1540892	18.77	64	.009785	89466	875	89028	2075763	23.20
65	.016251	80890	1315	80233	1459409	18.04	65	.010888	88590	965	88108	1986735	22.43
66	.018142	79576	1444	78854	1379176	17.33	66	.012017	87626	1053	87099	1898627	21.67
67	.020006	78132	1563	77351	1300322	16.64	67	.013105	86573	1135	86005	1811528	20.92
68	.021770	76569	1667	75736	1222971	15.97	68	.014106	85438	1205	84835	1725523	20.20
69	.023524	74902	1762	74021	1147236	15.32	69	.015070	84233	1269	83598	1640687	19.48
70	.025412	73140	1859	72211	1073215	14.67	70	.016116	82963	1337	82295	1557089	18.77
71	.027566	71281	1965	70299	1001004	14.04	71	.017275	81626	1410	80921	1474794	18.07
72	.030013	69316	2080	68276	930705	13.43	72	.018470	80216	1482	79476	1393873	17.38
73	.032813	67236	2206	66133	862429	12.83	73	.019697	78735	1551	77959	1314398	16.69
74	.035937	65030	2337	63861	796296	12.25	74	.021002	77184	1621	76373	1236438	16.02
75	.039369	62693	2468	61459	732435	11.68	75	.022513	75563	1701	74712	1160065	15.35
76	.043031	60225	2592	58929	670976	11.14	76	.024232	73862	1790	72967	1085353	14.69
77	.046865	57633	2701	56283	612047	10.62	77	.026066	72072	1879	71133	1012386	14.05
78	.050834	54932	2792	53536	555764	10.12	78	.028009	70193	1966	69210	941253	13.41
79	.055014	52140	2868	50706	502228	9.63	79	.030148	68227	2057	67199	872043	12.78
80	.059469	49271	2930	47806	451523	9.16	80	.032616	66170	2158	65091	804844	12.16
81	.064334	46341	2981	44851	403716	8.71	81	.035513	64012	2273	62875	739753	11.56
82	.069715	43360	3023	41849	358866	8.28	82	.038864	61739	2399	60539	676877	10.96
83	.075688	40337	3053	38811	317017	7.86	83	.042731	59339	2536	58072	616338	10.39
84	.082191	37284	3064	35752	278207	7.46	84	.047134	56804	2677	55465	558267	9.83
85	.089111	34220	3049	32695	242455	7.09	85	.052085	54126	2819	52717	502802	9.29
86	.096351	31170	3003	29669	209760	6.73	86	.057593	51307	2955	49830	450085	8.77
87	.103854	28167	2925	26704	180091	6.39	87	.063671	48352	3079	46813	400255	8.28
88	.111601	25242	2817	23833	153387	6.08	88	.070339	45274	3185	43681	353442	7.81
89	.119620	22425	2682	21084	129554	5.78	89	.077625	42089	3267	40456	309761	7.36
90	.127943	19742	2526	18479	108470	5.49	90	.085553	38822	3321	37161	269305	6.94
91	.136615	17216	2352	16040	89991	5.23	91	.094153	35501	3342	33829	232144	6.54
92	.145675	14864	2165	13782	73950	4.97	92	.103446	32158	3327	30495	198314	6.17
93	.155162	12699	1970	11714	60169	4.74	93	.113451	28832	3271	27196	167820	5.82
94	.165111	10729	1771	9843	48455	4.52	94	.124183	25561	3174	23973	140623	5.50
95	.175074	8957	1568	8173	38612	4.31	95	.134933	22386	3021	20876	116650	5.21
96	.184980	7389	1367	6706	30439	4.12	96	.145527	19366	2818	17957	95774	4.95
97	.194753	6022	1173	5436	23733	3.94	97	.155781	16547	2578	15259	77817	4.70
98	.204314	4849	991	4354	18297	3.77	98	.165517	13970	2312	12814	62559	4.48
99	.213587	3859	824	3447	13943	3.61	99	.174533	11657	2035	10640	49745	4.27
100	.223281	3034	678	2696	10497	3.46	100	.184044	9623	1771	8737	39105	4.06
101	.233420	2357	550	2082	7801	3.31	101	.194074	7852	1524	7090	30368	3.87
102	.244025	1807	441	1586	5719	3.17	102	.204658	6328	1295	5680	23278	3.68
103	.255111	1366	348	1192	4133	3.03	103	.215820	5033	1086	4490	17597	3.50
104	.266712	1017	271	882	2941	2.89	104	.227597	3947	898	3498	13108	3.32
105	.278838	746	208	642	2060	2.76	105	.240020	3048	732	2683	9610	3.15
106	.291518	538	157	460	1418	2.63	106	.253128	2317	586	2024	6927	2.99
107	.304785	381	116	323	958	2.51	107	.266954	1730	462	1499	4904	2.83
108	.318665	265	84	223	635	2.40	108	.281543	1268	357	1090	3404	2.68
109	.333176	181	60	150	412	2.28	109	.296934	911	271	776	2315	2.54
110	.348347	120	42	99	262	2.17	110	.313165	641	201	540	1539	2.40
111	.364229	78	29	64	162	2.07	111	.330305	440	145	367	998	2.27
112	.380827	50	19	40	98	1.97	112	.348375	295	103	243	631	2.14
113	.398188	31	12	25	58	1.87	113	.367455	192	71	157	387	2.02
114	.416362	19	8	15	33	1.77	114	.387570	121	47	98	231	1.90
115	.435358	11	5	8	18	1.68	115	.408805	74	30	59	133	1.78
116	.455221	6	3	5	10	1.59	116	.431211	44	19	34	74	1.67
117	.477983	3	2	3	5	1.50	117	.457083	25	11	19	39	1.56
118	.501882	2	1	1	2	1.41	118	.484508	14	7	10	20	1.46
119	.526976	1	0	1	1	1.33	119	.513579	7	4	5	10	1.36

**Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex**

**Persons Born in 1990**

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$\dot{e}_x$
0	.010188	100000	1019	99134	7639969	76.40	0	.008268	100000	827	99285	8325342	83.25
1	.000719	98981	71	98946	7540834	76.18	1	.000633	99173	63	99142	8226057	82.95
2	.000474	98910	47	98887	7441889	75.24	2	.000402	99110	40	99091	8126915	82.00
3	.000386	98863	38	98844	7343002	74.27	3	.000293	99071	29	99056	8027824	81.03
4	.000293	98825	29	98811	7244159	73.30	4	.000214	99042	21	99031	7928769	80.05
5	.000256	98796	25	98783	7145348	72.32	5	.000190	99020	19	99011	7829738	79.07
6	.000234	98771	23	98759	7046564	71.34	6	.000173	99002	17	98993	7730727	78.09
7	.000214	98748	21	98737	6947806	70.36	7	.000158	98984	16	98977	7631734	77.10
8	.000192	98727	19	98717	6849068	69.37	8	.000145	98969	14	98962	7532757	76.11
9	.000167	98708	16	98699	6750351	68.39	9	.000130	98954	13	98948	7433795	75.12
10	.000154	98691	15	98683	6651652	67.40	10	.000118	98942	12	98936	7334848	74.13
11	.000164	98676	16	98668	6552969	66.41	11	.000117	98930	12	98924	7235912	73.14
12	.000220	98660	22	98649	6454301	65.42	12	.000135	98918	13	98912	7136988	72.15
13	.000333	98638	33	98622	6355651	64.43	13	.000179	98905	18	98896	7038076	71.16
14	.000485	98605	48	98581	6257030	63.46	14	.000237	98887	23	98876	6939180	70.17
15	.000657	98557	65	98525	6158449	62.49	15	.000308	98864	30	98849	6840305	69.19
16	.000819	98493	81	98452	6059924	61.53	16	.000371	98833	37	98815	6741456	68.21
17	.000953	98412	94	98365	5961472	60.58	17	.000416	98797	41	98776	6642641	67.24
18	.001345	98318	103	98267	5863107	59.63	18	.000435	98756	43	98734	6543865	66.26
19	.001108	98215	109	98161	5764841	58.70	19	.000434	98713	43	98691	6445131	65.29
20	.001165	98106	114	98049	5666679	57.76	20	.000429	98670	42	98649	6346440	64.32
21	.001230	97992	121	97932	5568630	56.83	21	.000429	98627	42	98606	6247792	63.35
22	.001289	97872	126	97809	5470698	55.90	22	.000432	98585	43	98564	6149185	62.37
23	.001345	97745	131	97680	5372890	54.97	23	.000440	98543	43	98521	6050622	61.40
24	.001398	97614	136	97546	5275210	54.04	24	.000453	98499	45	98477	5952101	60.43
25	.001448	97478	141	97407	5177664	53.12	25	.000466	98455	46	98432	5853624	59.46
26	.001498	97336	146	97263	5080257	52.19	26	.000478	98409	47	98385	5755192	58.48
27	.001554	97191	151	97115	4982994	51.27	27	.000500	98362	49	98337	5656807	57.51
28	.001622	97040	157	96961	4885878	50.35	28	.000532	98312	52	98286	5558470	56.54
29	.001698	96882	165	96800	4788918	49.43	29	.000573	98260	56	98232	5460184	55.57
30	.001779	96718	172	96632	4692118	48.51	30	.000618	98204	61	98174	5361951	54.60
31	.001857	96546	179	96456	4595486	47.60	31	.000664	98143	65	98111	5263778	53.63
32	.001928	96366	186	96273	4499030	46.69	32	.000702	98078	69	98044	5165667	52.67
33	.001984	96181	191	96085	4402756	45.78	33	.000731	98009	72	97973	5067624	51.71
34	.002034	95990	195	95892	4306672	44.87	34	.000753	97938	74	97901	4969651	50.74
35	.002075	95794	199	95695	4210780	43.96	35	.000778	97864	76	97826	4871750	49.78
36	.002125	95596	203	95494	4115085	43.05	36	.000809	97788	79	97748	4773924	48.82
37	.002209	95393	211	95287	4019590	42.14	37	.000841	97709	82	97667	4676177	47.86
38	.002343	95182	223	95070	3924303	41.23	38	.000877	97626	86	97584	4578509	46.90
39	.002506	94959	238	94840	3829233	40.33	39	.000917	97541	89	97496	4480925	45.94
40	.002705	94721	256	94593	3734393	39.43	40	.000967	97451	94	97404	4383430	44.98
41	.002891	94465	273	94328	3639801	38.53	41	.001028	97357	100	97307	4286026	44.02
42	.003007	94192	283	94050	3545472	37.64	42	.001098	97257	107	97204	4188718	43.07
43	.003030	93908	285	93766	3451423	36.75	43	.001173	97150	114	97093	4091515	42.12
44	.002994	93624	280	93484	3357657	35.86	44	.001265	97036	123	96975	3994422	41.16
45	.002943	93343	275	93206	3264173	34.97	45	.001371	96913	133	96847	3897447	40.22
46	.002949	93069	274	92931	3170967	34.07	46	.001496	96781	145	96708	3800600	39.27
47	.003055	92794	283	92653	3078035	33.17	47	.001651	96636	160	96556	3703892	38.33
48	.003299	92511	305	92358	2985383	32.27	48	.001840	96476	178	96388	3607336	37.39
49	.003656	92206	337	92037	2893025	31.38	49	.002062	96299	199	96199	3510948	36.46
50	.004071	91868	374	91681	2800988	30.49	50	.002317	96100	223	95989	3414748	35.53
51	.004497	91494	411	91289	2709306	29.61	51	.002595	95878	249	95753	3318760	34.61
52	.004936	91083	450	90858	2618018	28.74	52	.002883	95629	276	95491	3223006	33.70
53	.005371	90633	487	90390	2527159	27.88	53	.003176	95353	303	95202	3127515	32.80
54	.005821	90147	525	89884	2436769	27.03	54	.003486	95050	331	94885	3032314	31.90
55	.006347	89622	569	89337	2346885	26.19	55	.003833	94719	363	94537	2937429	31.01
56	.006941	89053	618	88744	2257547	25.35	56	.004230	94356	399	94156	2842892	30.13
57	.007533	88435	666	88102	2168804	24.52	57	.004674	93957	439	93737	2748736	29.26
58	.008111	87769	712	87413	2080702	23.71	58	.005168	93518	483	93276	2654999	28.39
59	.008714	87057	759	86678	1993289	22.90	59	.005716	93034	532	92768	2561723	27.54



Table 6. -- Cohort Life Tables for U. S. Social Security Area  
by Year of Birth and Sex

Persons Born in 1990

Male							Female						
x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$	x	$q_x$	$l_x$	$d_x$	$L_x$	$T_x$	$e_x$
60	.009361	86298	808	85894	1906611	22.09	60	.006294	92502	582	92211	2468955	26.69
61	.010145	85490	867	85057	1820717	21.30	61	.006931	91920	637	91602	2376744	25.86
62	.011170	84623	945	84151	1735660	20.51	62	.007682	91283	701	90932	2285142	25.03
63	.012500	83678	1046	83155	1651509	19.74	63	.008569	90582	776	90194	2194209	24.22
64	.014079	82632	1163	82050	1568355	18.98	64	.009568	89806	859	89376	2104016	23.43
65	.015864	81469	1292	80822	1486304	18.24	65	.010659	88946	948	88472	2014640	22.65
66	.017726	80176	1421	79466	1405482	17.53	66	.011774	87998	1036	87480	1926167	21.89
67	.019556	78755	1540	77985	1326016	16.84	67	.012844	86962	1117	86404	1838687	21.14
68	.021284	77215	1643	76393	1248032	16.16	68	.013827	85845	1187	85252	1752283	20.41
69	.022997	75571	1738	74702	1171639	15.50	69	.014766	84658	1250	84033	1667031	19.69
70	.024839	73833	1834	72916	1096936	14.86	70	.015788	83408	1317	82750	1582998	18.98
71	.026943	72000	1940	71030	1024020	14.22	71	.016918	82091	1389	81397	1500248	18.28
72	.029333	70060	2055	69032	952990	13.60	72	.018083	80703	1459	79973	1418851	17.58
73	.032070	68005	2181	66914	883958	13.00	73	.019278	79243	1528	78479	1338879	16.90
74	.035127	65824	2312	64668	817044	12.41	74	.020550	77716	1597	76917	1260399	16.22
75	.038485	63511	2444	62289	752376	11.85	75	.022019	76119	1676	75281	1183482	15.55
76	.042068	61067	2569	59783	690087	11.30	76	.023692	74442	1764	73561	1108202	14.89
77	.045817	58498	2680	57158	630304	10.77	77	.025475	72679	1851	71753	1034641	14.24
78	.049695	55818	2774	54431	573146	10.27	78	.027362	70827	1938	69858	962888	13.59
79	.053779	53044	2853	51618	518715	9.78	79	.029442	68889	2028	67875	893029	12.96
80	.058129	50191	2918	48733	467097	9.31	80	.031837	66861	2129	65797	825154	12.34
81	.062882	47274	2973	45788	418364	8.85	81	.034652	64732	2243	63611	759358	11.73
82	.068149	44301	3019	42792	372577	8.41	82	.037912	62489	2369	61305	695747	11.13
83	.074007	41282	3055	39755	329785	7.99	83	.041680	60120	2506	58867	634442	10.55
84	.080388	38227	3073	36690	290031	7.59	84	.045975	57614	2649	56290	575575	9.99
85	.087177	35154	3065	33622	253340	7.21	85	.050804	54966	2792	53569	519285	9.45
86	.094275	32089	3025	30577	219718	6.85	86	.056171	52173	2931	50708	465715	8.93
87	.101623	29064	2954	27587	189142	6.51	87	.062088	49242	3057	47714	415007	8.43
88	.109205	26111	2851	24685	161554	6.19	88	.068577	46185	3167	44602	367294	7.95
89	.117045	23259	2722	21898	136869	5.88	89	.075664	43018	3255	41390	322692	7.50
90	.125180	20537	2571	19251	114971	5.60	90	.083376	39763	3315	38105	281302	7.07
91	.133654	17966	2401	16765	95720	5.33	91	.091742	36448	3344	34776	243196	6.67
92	.142508	15565	2218	14456	78955	5.07	92	.100785	33104	3336	31436	208420	6.30
93	.151782	13347	2026	12334	64499	4.83	93	.110526	29768	3290	28123	176985	5.95
94	.161512	11321	1828	10407	52165	4.61	94	.120983	26477	3203	24876	148862	5.62
95	.171257	9492	1626	8680	41758	4.40	95	.131456	23274	3060	21744	123986	5.33
96	.180952	7867	1424	7155	33079	4.20	96	.141779	20215	2866	18782	102242	5.06
97	.190522	6443	1228	5829	25924	4.02	97	.151781	17349	2633	16032	83460	4.81
98	.199886	5216	1043	4694	20094	3.85	98	.161273	14715	2373	13529	67428	4.58
99	.208976	4173	872	3737	15400	3.69	99	.170074	12342	2099	11293	53900	4.37
100	.218477	3301	721	2940	11663	3.53	100	.179357	10243	1837	9325	42607	4.16
101	.228412	2580	589	2285	8722	3.38	101	.189152	8406	1590	7611	33282	3.96
102	.238807	1991	475	1753	6437	3.23	102	.199483	6816	1360	6136	25671	3.77
103	.249683	1515	378	1326	4684	3.09	103	.210386	5456	1148	4882	19535	3.58
104	.261052	1137	297	988	3358	2.95	104	.221886	4308	956	3830	14653	3.40
105	.272939	840	229	725	2370	2.82	105	.234016	3352	785	2960	10823	3.23
106	.285383	611	174	524	1644	2.69	106	.246824	2568	634	2251	7862	3.06
107	.298388	436	130	371	1121	2.57	107	.260326	1934	503	1682	5612	2.90
108	.311991	306	96	258	749	2.45	108	.274584	1431	393	1234	3929	2.75
109	.326230	211	69	176	491	2.33	109	.289615	1038	301	887	2695	2.60
110	.341115	142	48	118	314	2.21	110	.305483	737	225	625	1808	2.45
111	.356678	94	33	77	197	2.10	111	.322226	512	165	430	1183	2.31
112	.374512	60	23	49	120	1.99	112	.341559	347	119	288	753	2.17
113	.393238	38	15	30	71	1.88	113	.362053	228	83	187	466	2.04
114	.412899	23	9	18	41	1.78	114	.383776	146	56	118	279	1.91
115	.433544	13	6	11	23	1.68	115	.406802	90	37	72	161	1.79
116	.455221	8	3	6	12	1.59	116	.431211	53	23	42	89	1.67
117	.477983	4	2	3	6	1.50	117	.457083	30	14	23	47	1.56
118	.501882	2	1	2	3	1.41	118	.484508	16	8	12	24	1.46
119	.526976	1	1	1	1	1.33	119	.513579	8	4	6	12	1.36

Table 7. -- Period Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
1900	.14595	.00838	.02930	.04158	.06182	.44999	1900	.11969	.00829	.02627	.03691	.05627	.44999
1901	.12802	.00852	.03035	.04228	.06170	.44590	1901	.10426	.00801	.02691	.03751	.05564	.44590
1902	.12557	.00789	.02881	.03984	.05939	.41660	1902	.10261	.00751	.02458	.03454	.05206	.41660
1903	.12031	.00788	.02995	.04149	.06102	.43889	1903	.09804	.00743	.02616	.03653	.05399	.43889
1904	.12599	.00827	.03259	.04357	.06503	.46825	1904	.10272	.00773	.02696	.03741	.05819	.46825
1905	.12791	.00781	.03121	.04244	.06113	.46567	1905	.10358	.00738	.02641	.03754	.05563	.46567
1906	.13091	.00802	.03054	.04189	.06031	.46343	1906	.10658	.00726	.02541	.03615	.05391	.46343
1907	.12497	.00833	.03222	.04463	.06533	.47833	1907	.10230	.00709	.02671	.03786	.05730	.47833
1908	.12021	.00716	.02941	.03987	.05862	.44936	1908	.09842	.00653	.02454	.03536	.05351	.44936
1909	.11457	.00676	.02856	.04053	.05907	.45145	1909	.09367	.00615	.02386	.03532	.05262	.45145
1910	.12006	.00713	.02968	.04151	.06173	.45274	1910	.09826	.00635	.02424	.03591	.05513	.45274
1911	.10456	.00689	.02886	.04054	.06163	.44298	1911	.08551	.00618	.02392	.03511	.05497	.44298
1912	.10241	.00664	.02888	.04072	.06091	.43642	1912	.08286	.00588	.02369	.03498	.05360	.43642
1913	.10576	.00679	.02847	.04007	.06143	.42813	1913	.08548	.00584	.02313	.03410	.05339	.42813
1914	.09929	.00655	.02793	.03950	.06214	.41798	1914	.08034	.00575	.02308	.03376	.05386	.41798
1915	.09565	.00637	.02797	.03947	.06331	.43495	1915	.07604	.00562	.02352	.03444	.05623	.43495
1916	.09748	.00672	.02882	.04116	.06412	.44288	1916	.07743	.00580	.02383	.03542	.05652	.44288
1917	.09689	.00715	.02926	.04170	.06475	.43548	1917	.07638	.00596	.02402	.03549	.05613	.43548
1918	.10262	.01792	.02864	.04080	.06180	.40429	1918	.08206	.01422	.02404	.03501	.05430	.40429
1919	.08467	.00762	.02465	.03606	.05467	.40646	1919	.06703	.00771	.02169	.03268	.05006	.40646
1920	.08593	.00660	.02481	.03714	.05728	.43876	1920	.06773	.00730	.02268	.03408	.05255	.43876
1921	.07529	.00481	.02390	.03492	.05409	.41866	1921	.05984	.00501	.02137	.03164	.04908	.41866
1922	.07283	.00502	.02585	.03755	.05878	.43511	1922	.05750	.00507	.02239	.03306	.05208	.43511
1923	.07539	.00504	.02725	.03847	.06005	.45977	1923	.06051	.00493	.02309	.03362	.05354	.45977
1924	.07223	.00471	.02654	.03793	.05825	.43675	1924	.05678	.00458	.02225	.03162	.05049	.43675
1925	.07093	.00477	.02664	.03881	.05838	.45799	1925	.05597	.00459	.02235	.03293	.05050	.45799
1926	.07290	.00481	.02719	.04067	.05969	.48097	1926	.05788	.00466	.02298	.03431	.05204	.48097
1927	.06533	.00461	.02600	.03932	.05681	.45751	1927	.05119	.00452	.02122	.03257	.04869	.45751
1928	.06918	.00499	.02701	.04151	.05945	.49638	1928	.05406	.00477	.02223	.03444	.05102	.49638
1929	.06736	.00510	.02733	.04147	.05929	.49288	1929	.05349	.00480	.02218	.03417	.05055	.49288
1930	.06495	.00491	.02740	.03945	.05751	.44750	1930	.05179	.00445	.02187	.03205	.04848	.44750
1931	.06113	.00475	.02711	.03773	.05652	.44335	1931	.04836	.00433	.02159	.03080	.04731	.44335
1932	.05826	.00434	.02729	.03711	.05644	.45125	1932	.04628	.00406	.02162	.03034	.04804	.45125
1933	.05806	.00428	.02751	.03700	.05631	.43819	1933	.04642	.00389	.02120	.02975	.04631	.43819
1934	.06319	.00435	.02802	.03789	.05646	.43985	1934	.05002	.00383	.02132	.02987	.04621	.43985
1935	.05848	.00427	.02725	.03825	.05478	.44406	1935	.04542	.00375	.02053	.02997	.04479	.44406
1936	.05991	.00438	.02851	.04044	.05644	.47118	1936	.04709	.00377	.02096	.03130	.04600	.47118
1937	.05839	.00422	.02786	.03988	.05456	.45527	1937	.04605	.00353	.02013	.03017	.04381	.45527
1938	.05562	.00363	.02587	.03779	.05301	.43681	1938	.04369	.00308	.01900	.02870	.04247	.43681
1939	.05174	.00346	.02606	.03763	.05366	.45050	1939	.04064	.00293	.01905	.02820	.04283	.45050
1940	.05286	.00340	.02663	.03812	.05611	.44203	1940	.04163	.00277	.01829	.02764	.04395	.44203
1941	.05097	.00330	.02593	.03701	.05474	.43275	1941	.04050	.00260	.01751	.02637	.04183	.43275
1942	.04601	.00321	.02564	.03644	.05321	.41901	1942	.03661	.00240	.01711	.02552	.04083	.41901
1943	.04490	.00312	.02635	.03669	.05474	.44818	1943	.03526	.00238	.01753	.02598	.04212	.44818
1944	.04396	.00313	.02569	.03534	.05219	.42516	1944	.03509	.00225	.01674	.02456	.03995	.42516
1945	.04250	.00338	.02568	.03499	.05066	.42261	1945	.03340	.00212	.01622	.02378	.03802	.42261
1946	.03941	.00259	.02501	.03400	.04889	.41383	1946	.03084	.00193	.01573	.02279	.03684	.41383
1947	.03594	.00240	.02577	.03510	.05074	.42575	1947	.02796	.00180	.01567	.02278	.03707	.42575
1948	.03588	.00229	.02538	.03503	.05024	.41506	1948	.02787	.00159	.01523	.02223	.03588	.41506
1949	.03516	.00213	.02501	.03497	.04974	.39343	1949	.02736	.00151	.01477	.02193	.03521	.39343

Table 7. -- Period Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year

		Sex and Exact Age								Sex and Exact Age					
		Male								Female					
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100		
1950	.03279	.00213	.02476	.03487	.05046	.38648	1950	.02551	.00143	.01462	.02128	.03449	.38648		
1951	.03214	.00214	.02447	.03499	.05026	.37703	1951	.02490	.00137	.01429	.02104	.03370	.37703		
1952	.03196	.00210	.02452	.03487	.04924	.36520	1952	.02498	.00131	.01379	.02062	.03314	.36520		
1953	.03125	.00202	.02444	.03512	.04948	.37257	1953	.02429	.00121	.01336	.02044	.03282	.37257		
1954	.02990	.00191	.02311	.03390	.04811	.35956	1954	.02328	.00112	.01261	.01948	.03098	.35956		
1955	.02963	.00185	.02309	.03408	.04859	.38025	1955	.02308	.00108	.01237	.01962	.03059	.38025		
1956	.02934	.00186	.02347	.03446	.04872	.38606	1956	.02264	.00108	.01236	.01946	.03033	.38606		
1957	.02957	.00189	.02412	.03581	.05031	.39041	1957	.02304	.00114	.01259	.01983	.03085	.39041		
1958	.03020	.00183	.02366	.03524	.04947	.38842	1958	.02372	.00108	.01237	.01924	.03029	.38842		
1959	.02959	.00185	.02347	.03460	.04893	.38059	1959	.02305	.00108	.01209	.01869	.02939	.37882		
1960	.02937	.00183	.02392	.03515	.05019	.38224	1960	.02262	.00106	.01237	.01869	.02941	.37530		
1961	.02838	.00178	.02339	.03485	.04841	.38166	1961	.02199	.00104	.01197	.01820	.02841	.37308		
1962	.02851	.00179	.02362	.03548	.04920	.39318	1962	.02184	.00105	.01212	.01835	.02842	.38453		
1963	.02837	.00185	.02422	.03609	.05056	.40181	1963	.02181	.00105	.01230	.01840	.02839	.38710		
1964	.02776	.00193	.02417	.03521	.04902	.38323	1964	.02153	.00108	.01197	.01795	.02723	.37191		
1965	.02753	.00192	.02421	.03554	.04924	.38871	1965	.02134	.00107	.01173	.01794	.02678	.37124		
1966	.02655	.00197	.02430	.03566	.05008	.38572	1966	.02058	.00108	.01146	.01780	.02721	.36762		
1967	.02513	.00199	.02385	.03466	.04971	.37536	1967	.01949	.00102	.01121	.01737	.02653	.35377		
1968	.02455	.00209	.02446	.03543	.05072	.40198	1968	.01893	.00103	.01167	.01686	.02620	.36052		
1969	.02349	.00211	.02376	.03429	.04938	.38292	1969	.01818	.00104	.01127	.01613	.02541	.34267		
1970	.02246	.00209	.02348	.03416	.04887	.36256	1970	.01759	.00101	.01123	.01599	.02513	.32731		
1971	.02127	.00207	.02283	.03372	.04890	.36450	1971	.01652	.00101	.01105	.01592	.02477	.32875		
1972	.02065	.00206	.02301	.03373	.04923	.36652	1972	.01592	.00099	.01093	.01589	.02485	.32921		
1973	.01981	.00206	.02251	.03321	.04839	.37152	1973	.01537	.00094	.01090	.01551	.02395	.33090		
1974	.01873	.00198	.02149	.03215	.04671	.35241	1974	.01465	.00090	.01059	.01514	.02312	.31530		
1975	.01783	.00193	.02080	.03122	.04556	.34049	1975	.01416	.00084	.01023	.01465	.02237	.30448		
1976	.01687	.00182	.02045	.03089	.04489	.35697	1976	.01361	.00081	.01017	.01462	.02210	.31368		
1977	.01580	.00181	.01979	.03003	.04416	.34161	1977	.01244	.00078	.00992	.01451	.02170	.30297		
1978	.01529	.00180	.01950	.02983	.04395	.34089	1978	.01226	.00077	.00982	.01446	.02172	.31864		
1979	.01457	.00186	.01868	.02882	.04281	.32979	1979	.01161	.00074	.00946	.01411	.02128	.29205		
1980	.01398	.00189	.01843	.02881	.04312	.34225	1980	.01125	.00075	.00954	.01451	.02194	.30840		
1981	.01315	.00185	.01798	.02791	.04208	.33053	1981	.01066	.00073	.00946	.01428	.02150	.29866		
1982	.01278	.00178	.01758	.02726	.04098	.31548	1982	.01022	.00070	.00937	.01414	.02127	.27972		
1983	.01229	.00172	.01751	.02708	.04140	.32716	1983	.00994	.00068	.00945	.01424	.02164	.29501		
1984	.01193	.00173	.01729	.02670	.04069	.33074	1984	.00965	.00068	.00934	.01429	.02159	.29435		
1985	.01194	.00178	.01710	.02648	.04053	.33929	1985	.00934	.00069	.00933	.01422	.02162	.30308		
1986	.01154	.00194	.01667	.02599	.03976	.33024	1986	.00910	.00072	.00920	.01425	.02168	.30085		
1987	.01120	.00193	.01647	.02554	.03890	.32040	1987	.00896	.00074	.00912	.01408	.02138	.29934		
1988	.00991	.00197	.01606	.02602	.03881	.36143	1988	.00890	.00074	.00910	.01419	.02136	.31246		
1989	.01063	.00205	.01563	.02509	.03749	.34416	1989	.00885	.00076	.00890	.01390	.02091	.30374		
1990	.01019	.00212	.01562	.02479	.03763	.34199	1990	.00827	.00076	.00894	.01399	.02120	.30476		
1991	.00981	.00220	.01536	.02446	.03723	.34077	1991	.00798	.00077	.00886	.01393	.02108	.30367		
1992	.00945	.00227	.01512	.02415	.03684	.33968	1992	.00770	.00078	.00878	.01386	.02098	.30266		
1993	.00911	.00233	.01487	.02384	.03647	.33872	1993	.00744	.00079	.00870	.01381	.02088	.30176		
1994	.00880	.00237	.01464	.02354	.03611	.33788	1994	.00720	.00081	.00862	.01375	.02079	.30097		
1995	.00849	.00240	.01441	.02325	.03576	.33714	1995	.00696	.00081	.00855	.01371	.02071	.30026		
1996	.00821	.00241	.01419	.02297	.03542	.33651	1996	.00674	.00082	.00848	.01366	.02063	.29966		
1997	.00794	.00242	.01397	.02269	.03509	.33599	1997	.00652	.00082	.00842	.01362	.02057	.29912		
1998	.00769	.00240	.01375	.02242	.03478	.33556	1998	.00632	.00081	.00836	.01359	.02051	.29867		
1999	.00745	.00241	.01355	.02217	.03447	.33520	1999	.00613	.00081	.00829	.01355	.02046	.29827		

Table 7. -- Period Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
2000	.00723	.00238	.01335	.02191	.03418	.33490	2000	.00595	.00080	.00824	.01352	.02042	.29789
2001	.00703	.00232	.01314	.02167	.03390	.33459	2001	.00578	.00078	.00818	.01350	.02038	.29751
2002	.00684	.00225	.01295	.02143	.03363	.33423	2002	.00562	.00076	.00813	.01347	.02034	.29702
2003	.00668	.00216	.01276	.02121	.03337	.33374	2003	.00548	.00074	.00807	.01344	.02030	.29640
2004	.00654	.00208	.01259	.02100	.03314	.33305	2004	.00536	.00071	.00803	.01341	.02025	.29559
2005	.00642	.00202	.01243	.02081	.03291	.33214	2005	.00526	.00069	.00798	.01337	.02020	.29456
2006	.00632	.00196	.01230	.02065	.03271	.33102	2006	.00517	.00068	.00794	.01333	.02013	.29331
2007	.00624	.00192	.01218	.02049	.03251	.32968	2007	.00509	.00067	.00790	.01328	.02006	.29186
2008	.00616	.00188	.01208	.02035	.03232	.32818	2008	.00503	.00066	.00786	.01323	.01998	.29025
2009	.00609	.00186	.01198	.02022	.03213	.32656	2009	.00497	.00065	.00781	.01317	.01989	.28853
2010	.00603	.00184	.01189	.02009	.03195	.32487	2010	.00491	.00064	.00777	.01311	.01980	.28675
2011	.00597	.00183	.01181	.01997	.03178	.32314	2011	.00486	.00064	.00773	.01305	.01971	.28493
2012	.00591	.00182	.01173	.01986	.03160	.32139	2012	.00481	.00064	.00769	.01299	.01962	.28310
2013	.00586	.00181	.01165	.01974	.03142	.31963	2013	.00477	.00063	.00764	.01293	.01952	.28127
2014	.00580	.00181	.01158	.01963	.03125	.31786	2014	.00472	.00063	.00760	.01286	.01943	.27944
2015	.00575	.00180	.01150	.01952	.03108	.31611	2015	.00468	.00063	.00756	.01280	.01933	.27762
2016	.00570	.00180	.01143	.01941	.03091	.31436	2016	.00464	.00063	.00752	.01274	.01924	.27582
2017	.00565	.00179	.01136	.01930	.03074	.31262	2017	.00459	.00062	.00748	.01267	.01914	.27403
2018	.00561	.00179	.01129	.01919	.03058	.31090	2018	.00455	.00062	.00744	.01261	.01905	.27225
2019	.00556	.00178	.01122	.01908	.03041	.30919	2019	.00451	.00062	.00740	.01255	.01895	.27050
2020	.00551	.00178	.01115	.01898	.03025	.30750	2020	.00447	.00062	.00736	.01249	.01886	.26875
2021	.00546	.00177	.01108	.01887	.03008	.30582	2021	.00443	.00062	.00732	.01243	.01877	.26702
2022	.00542	.00177	.01101	.01877	.02993	.30416	2022	.00439	.00061	.00728	.01237	.01868	.26532
2023	.00537	.00177	.01095	.01867	.02977	.30251	2023	.00435	.00061	.00724	.01231	.01859	.26362
2024	.00533	.00176	.01088	.01857	.02961	.30087	2024	.00431	.00061	.00720	.01225	.01850	.26195
2025	.00528	.00176	.01081	.01847	.02946	.29925	2025	.00427	.00061	.00716	.01219	.01841	.26028
2026	.00524	.00175	.01075	.01837	.02930	.29764	2026	.00424	.00061	.00712	.01213	.01833	.25864
2027	.00520	.00175	.01068	.01827	.02915	.29608	2027	.00420	.00061	.00708	.01208	.01824	.25701
2028	.00515	.00175	.01062	.01817	.02900	.29450	2028	.00416	.00060	.00704	.01202	.01816	.25539
2029	.00511	.00174	.01056	.01808	.02885	.29294	2029	.00413	.00060	.00701	.01196	.01807	.25379
2030	.00507	.00174	.01050	.01798	.02870	.29138	2030	.00409	.00060	.00697	.01191	.01799	.25220
2031	.00503	.00173	.01043	.01789	.02855	.28984	2031	.00406	.00060	.00693	.01185	.01790	.25063
2032	.00499	.00173	.01037	.01779	.02841	.28831	2032	.00402	.00060	.00690	.01180	.01782	.24907
2033	.00495	.00172	.01031	.01770	.02826	.28680	2033	.00399	.00059	.00686	.01174	.01774	.24753
2034	.00491	.00172	.01025	.01761	.02812	.28530	2034	.00396	.00059	.00683	.01169	.01766	.24600
2035	.00487	.00172	.01019	.01752	.02798	.28381	2035	.00392	.00059	.00679	.01164	.01758	.24449
2036	.00483	.00171	.01013	.01743	.02784	.28233	2036	.00389	.00059	.00676	.01158	.01750	.24298
2037	.00480	.00171	.01008	.01734	.02770	.28087	2037	.00386	.00059	.00672	.01153	.01742	.24150
2038	.00476	.00170	.01002	.01725	.02756	.27942	2038	.00383	.00058	.00669	.01148	.01734	.24003
2039	.00472	.00170	.00996	.01716	.02743	.27798	2039	.00379	.00058	.00665	.01143	.01726	.23857
2040	.00469	.00170	.00990	.01708	.02729	.27655	2040	.00376	.00058	.00662	.01138	.01719	.23712
2041	.00465	.00169	.00985	.01699	.02716	.27514	2041	.00373	.00058	.00659	.01133	.01711	.23569
2042	.00462	.00169	.00979	.01691	.02703	.27373	2042	.00370	.00058	.00655	.01128	.01704	.23427
2043	.00458	.00168	.00974	.01682	.02689	.27235	2043	.00367	.00058	.00652	.01123	.01696	.23287
2044	.00455	.00168	.00968	.01674	.02677	.27097	2044	.00364	.00057	.00649	.01118	.01689	.23148
2045	.00451	.00168	.00963	.01665	.02664	.26960	2045	.00361	.00057	.00645	.01113	.01681	.23009
2046	.00448	.00167	.00957	.01657	.02651	.26825	2046	.00358	.00057	.00642	.01108	.01674	.22873
2047	.00445	.00167	.00952	.01649	.02638	.26691	2047	.00356	.00057	.00639	.01103	.01667	.22737
2048	.00441	.00167	.00946	.01641	.02626	.26557	2048	.00353	.00057	.00636	.01098	.01660	.22603
2049	.00438	.00166	.00941	.01633	.02613	.26425	2049	.00350	.00057	.00633	.01094	.01653	.22470

Table 7. -- Period Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
2050	.00435	.00166	.00936	.01625	.02601	.26294	2050	.00347	.00056	.00629	.01089	.01646	.22338
2051	.00432	.00166	.00931	.01617	.02589	.26164	2051	.00345	.00056	.00626	.01084	.01639	.22207
2052	.00428	.00165	.00926	.01609	.02577	.26035	2052	.00342	.00056	.00623	.01080	.01632	.22078
2053	.00426	.00165	.00921	.01602	.02565	.25907	2053	.00339	.00056	.00620	.01075	.01625	.21950
2054	.00422	.00164	.00916	.01594	.02553	.25780	2054	.00337	.00056	.00617	.01070	.01618	.21823
2055	.00419	.00164	.00911	.01586	.02541	.25655	2055	.00334	.00056	.00614	.01066	.01612	.21697
2056	.00416	.00164	.00906	.01579	.02530	.25531	2056	.00332	.00055	.00611	.01061	.01605	.21572
2057	.00414	.00163	.00901	.01571	.02518	.25407	2057	.00329	.00055	.00608	.01057	.01598	.21449
2058	.00411	.00163	.00896	.01564	.02507	.25284	2058	.00327	.00055	.00605	.01053	.01592	.21326
2059	.00408	.00163	.00891	.01557	.02495	.25163	2059	.00324	.00055	.00603	.01048	.01585	.21205
2060	.00405	.00162	.00887	.01550	.02484	.25042	2060	.00322	.00055	.00600	.01044	.01579	.21084
2061	.00402	.00162	.00882	.01542	.02473	.24923	2061	.00320	.00055	.00597	.01040	.01572	.20965
2062	.00399	.00161	.00878	.01535	.02462	.24804	2062	.00317	.00055	.00594	.01035	.01566	.20847
2063	.00397	.00161	.00873	.01528	.02451	.24687	2063	.00315	.00054	.00591	.01031	.01560	.20730
2064	.00394	.00161	.00868	.01521	.02440	.24570	2064	.00313	.00054	.00588	.01027	.01553	.20614
2065	.00391	.00160	.00864	.01514	.02429	.24454	2065	.00310	.00054	.00586	.01023	.01547	.20499
2066	.00389	.00160	.00859	.01507	.02418	.24340	2066	.00308	.00054	.00583	.01019	.01541	.20385
2067	.00386	.00160	.00855	.01501	.02408	.24226	2067	.00306	.00054	.00580	.01015	.01535	.20272
2068	.00384	.00159	.00850	.01494	.02397	.24113	2068	.00304	.00054	.00577	.01010	.01529	.20161
2069	.00381	.00159	.00846	.01487	.02387	.24001	2069	.00302	.00053	.00575	.01006	.01523	.20050
2070	.00378	.00159	.00842	.01481	.02377	.23890	2070	.00299	.00053	.00572	.01003	.01517	.19940
2071	.00376	.00158	.00838	.01474	.02366	.23780	2071	.00297	.00053	.00569	.00998	.01511	.19831
2072	.00374	.00158	.00833	.01467	.02356	.23671	2072	.00295	.00053	.00567	.00994	.01505	.19723
2073	.00371	.00158	.00829	.01461	.02346	.23563	2073	.00293	.00053	.00564	.00991	.01499	.19616
2074	.00369	.00157	.00825	.01454	.02336	.23455	2074	.00291	.00053	.00561	.00987	.01494	.19510
2075	.00366	.00157	.00821	.01448	.02327	.23348	2075	.00289	.00053	.00559	.00983	.01488	.19405
2076	.00364	.00157	.00816	.01442	.02317	.23242	2076	.00287	.00052	.00556	.00979	.01482	.19301
2077	.00362	.00156	.00812	.01436	.02307	.23138	2077	.00285	.00052	.00554	.00975	.01477	.19197
2078	.00360	.00156	.00808	.01429	.02297	.23033	2078	.00283	.00052	.00551	.00972	.01471	.19095
2079	.00357	.00156	.00804	.01423	.02288	.22931	2079	.00282	.00052	.00549	.00968	.01465	.18994
2080	.00355	.00155	.00800	.01417	.02278	.22828	2080	.00280	.00052	.00546	.00964	.01460	.18894

Table 8. -- Cohort Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth

Sex and Exact Age													
Male							Female						
Year of Birth	0	30	60	65	70	100	Year of Birth	0	30	60	65	70	100
1900	.14595	.00491	.02392	.03554	.04887	.33490	1900	.11969	.00444	.01237	.01793	.02513	.29789
1901	.12802	.00475	.02339	.03566	.04889	.33459	1901	.10426	.00433	.01196	.01779	.02477	.29751
1902	.12557	.00434	.02362	.03466	.04923	.33423	1902	.10261	.00406	.01212	.01737	.02485	.29702
1903	.12031	.00428	.02422	.03543	.04839	.33374	1903	.09804	.00389	.01230	.01686	.02395	.29640
1904	.12599	.00435	.02417	.03429	.04671	.33305	1904	.10272	.00383	.01197	.01613	.02312	.29559
1905	.12791	.00427	.02421	.03416	.04556	.33214	1905	.10358	.00375	.01173	.01598	.02237	.29456
1906	.13091	.00437	.02430	.03372	.04489	.33102	1906	.10658	.00377	.01146	.01592	.02210	.29331
1907	.12497	.00422	.02385	.03373	.04416	.32968	1907	.10230	.00353	.01121	.01589	.02170	.29186
1908	.12021	.00363	.02446	.03321	.04395	.32818	1908	.09842	.00308	.01167	.01551	.02172	.29025
1909	.11457	.00346	.02376	.03215	.04281	.32656	1909	.09367	.00293	.01127	.01513	.02128	.28853
1910	.12006	.00340	.02347	.03122	.04312	.32487	1910	.09826	.00277	.01123	.01465	.02194	.28675
1911	.10456	.00330	.02283	.03089	.04208	.32314	1911	.08551	.00260	.01105	.01461	.02150	.28493
1912	.10241	.00321	.02301	.03003	.04098	.32139	1912	.08286	.00240	.01093	.01451	.02127	.28310
1913	.10576	.00312	.02251	.02983	.04140	.31963	1913	.08548	.00238	.01090	.01446	.02164	.28127
1914	.09929	.00313	.02149	.02882	.04069	.31786	1914	.08034	.00225	.01059	.01411	.02159	.27944
1915	.09565	.00338	.02080	.02880	.04053	.31611	1915	.07604	.00212	.01023	.01451	.02162	.27762
1916	.09748	.00259	.02045	.02791	.03976	.31436	1916	.07742	.00193	.01016	.01428	.02168	.27582
1917	.09689	.00240	.01979	.02726	.03890	.31262	1917	.07638	.00180	.00992	.01414	.02138	.27403
1918	.10262	.00229	.01950	.02708	.03881	.31090	1918	.08206	.00159	.00982	.01424	.02136	.27225
1919	.08467	.00213	.01868	.02670	.03749	.30919	1919	.06703	.00151	.00946	.01429	.02091	.27050
1920	.08593	.00213	.01843	.02648	.03763	.30750	1920	.06773	.00143	.00954	.01422	.02120	.26875
1921	.07529	.00214	.01798	.02599	.03723	.30582	1921	.05984	.00137	.00946	.01425	.02108	.26702
1922	.07283	.00210	.01758	.02553	.03684	.30416	1922	.05750	.00131	.00937	.01408	.02098	.26532
1923	.07539	.00202	.01751	.02602	.03647	.30251	1923	.06051	.00121	.00945	.01419	.02088	.26362
1924	.07223	.00191	.01729	.02509	.03611	.30087	1924	.05678	.00112	.00934	.01390	.02079	.26195
1925	.07093	.00185	.01710	.02479	.03576	.29925	1925	.05597	.00108	.00933	.01399	.02071	.26028
1926	.07290	.00186	.01667	.02446	.03542	.29764	1926	.05788	.00108	.00920	.01393	.02063	.25864
1927	.06533	.00188	.01647	.02415	.03509	.29608	1927	.05119	.00114	.00912	.01386	.02057	.25701
1928	.06918	.00183	.01606	.02384	.03478	.29450	1928	.05406	.00108	.00910	.01381	.02051	.25539
1929	.06736	.00185	.01563	.02354	.03447	.29293	1929	.05349	.00108	.00890	.01375	.02046	.25379
1930	.06495	.00182	.01562	.02325	.03418	.29138	1930	.05179	.00106	.00894	.01370	.02042	.25220
1931	.06113	.00178	.01536	.02297	.03390	.28984	1931	.04836	.00104	.00886	.01366	.02038	.25063
1932	.05826	.00179	.01511	.02269	.03363	.28831	1932	.04628	.00105	.00878	.01362	.02034	.24907
1933	.05806	.00185	.01487	.02242	.03337	.28680	1933	.04642	.00105	.00870	.01359	.02030	.24753
1934	.06319	.00193	.01464	.02217	.03314	.28529	1934	.05002	.00107	.00862	.01355	.02025	.24600
1935	.05848	.00192	.01441	.02191	.03291	.28381	1935	.04542	.00107	.00855	.01352	.02020	.24448
1936	.05991	.00197	.01419	.02167	.03271	.28233	1936	.04709	.00108	.00848	.01350	.02013	.24298
1937	.05839	.00199	.01397	.02143	.03251	.28087	1937	.04605	.00102	.00842	.01347	.02006	.24150
1938	.05562	.00209	.01375	.02120	.03232	.27942	1938	.04369	.00103	.00835	.01344	.01998	.24003
1939	.05174	.00211	.01355	.02100	.03213	.27798	1939	.04064	.00104	.00829	.01341	.01989	.23857
1940	.05286	.00209	.01335	.02081	.03195	.27655	1940	.04163	.00101	.00824	.01337	.01980	.23712
1941	.05097	.00207	.01314	.02065	.03177	.27514	1941	.04050	.00101	.00818	.01333	.01971	.23569
1942	.04601	.00206	.01294	.02049	.03160	.27373	1942	.03661	.00098	.00813	.01328	.01962	.23427
1943	.04490	.00206	.01276	.02035	.03142	.27235	1943	.03526	.00094	.00807	.01323	.01952	.23287
1944	.04396	.00198	.01259	.02022	.03125	.27097	1944	.03508	.00089	.00803	.01317	.01943	.23148
1945	.04250	.00193	.01243	.02009	.03108	.26960	1945	.03340	.00084	.00798	.01311	.01933	.23009
1946	.03941	.00182	.01230	.01997	.03091	.26825	1946	.03084	.00081	.00794	.01305	.01923	.22873
1947	.03594	.00181	.01218	.01986	.03073	.26691	1947	.02796	.00077	.00790	.01299	.01914	.22737
1948	.03588	.00180	.01208	.01974	.03058	.26557	1948	.02787	.00077	.00786	.01293	.01905	.22603
1949	.03516	.00186	.01198	.01963	.03041	.26424	1949	.02736	.00074	.00781	.01286	.01895	.22470

Table 8. -- Cohort Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages, by Sex and Year of Birth

Sex and Exact Age													
Male							Female						
Year of Birth	0	30	60	65	70	100	Year of Birth	0	30	60	65	70	100
1950	.03279	.00189	.01189	.01952	.03025	.26294	1950	.02551	.00075	.00777	.01280	.01886	.22338
1951	.03214	.00185	.01181	.01941	.03008	.26164	1951	.02490	.00073	.00773	.01274	.01877	.22207
1952	.03195	.00178	.01173	.01930	.02993	.26035	1952	.02498	.00070	.00769	.01267	.01868	.22078
1953	.03125	.00172	.01165	.01919	.02977	.25907	1953	.00249	.00068	.00764	.01261	.01859	.21950
1954	.02990	.00173	.01158	.01908	.02961	.25780	1954	.02328	.00068	.00760	.01255	.01850	.21823
1955	.02963	.00178	.01150	.01898	.02945	.25655	1955	.02308	.00069	.00756	.01249	.01841	.21697
1956	.02934	.00194	.01143	.01887	.02930	.25531	1956	.02264	.00072	.00752	.01243	.01833	.21572
1957	.02957	.00193	.01136	.01877	.02915	.25407	1957	.02304	.00074	.00748	.01237	.01824	.21449
1958	.03020	.00196	.01129	.01867	.02900	.25284	1958	.02372	.00074	.00744	.01231	.01816	.21326
1959	.02959	.00205	.01122	.01857	.02885	.25163	1959	.02305	.00076	.00740	.01225	.01807	.21205
1960	.02937	.00212	.01115	.01847	.02870	.25042	1960	.02262	.00076	.00736	.01219	.01799	.21084
1961	.02838	.00220	.01108	.01837	.02855	.24923	1961	.02199	.00077	.00731	.01213	.01790	.20965
1962	.02851	.00227	.01101	.01827	.02841	.24804	1962	.02184	.00078	.00728	.01208	.01782	.20847
1963	.02837	.00232	.01095	.01817	.02826	.24687	1963	.02181	.00079	.00724	.01202	.01774	.20730
1964	.02776	.00237	.01088	.01808	.02812	.24570	1964	.02153	.00081	.00720	.01196	.01766	.20614
1965	.02753	.00240	.01081	.01798	.02798	.24454	1965	.02134	.00081	.00716	.01191	.01758	.20499
1966	.02655	.00241	.01075	.01789	.02784	.24340	1966	.02058	.00082	.00712	.01185	.01750	.20385
1967	.02513	.00242	.01068	.01779	.02770	.24226	1967	.01949	.00082	.00708	.01180	.01742	.20272
1968	.02455	.00240	.01062	.01770	.02756	.24113	1968	.01893	.00081	.00704	.01174	.01734	.20160
1969	.02349	.00241	.01056	.01761	.02743	.24001	1969	.01818	.00081	.00701	.01169	.01726	.20050
1970	.02246	.00238	.01050	.01752	.02729	.23890	1970	.01759	.00080	.00697	.01164	.01719	.19940
1971	.02127	.00232	.01043	.01743	.02716	.23780	1971	.01652	.00078	.00693	.01158	.01711	.19831
1972	.02065	.00224	.01037	.01734	.02703	.23671	1972	.01592	.00076	.00690	.01153	.01704	.19723
1973	.01981	.00216	.01031	.01725	.02689	.23563	1973	.01537	.00074	.00686	.01148	.01696	.19616
1974	.01873	.00208	.01025	.01716	.02676	.23455	1974	.01465	.00071	.00683	.01143	.01689	.19510
1975	.01783	.00202	.01019	.01708	.02664	.23348	1975	.01416	.00069	.00679	.01138	.01681	.19405
1976	.01687	.00196	.01013	.01699	.02651	.23242	1976	.01361	.00068	.00676	.01133	.01674	.19301
1977	.01580	.00192	.01007	.01691	.02638	.23138	1977	.01244	.00067	.00672	.01128	.01667	.19197
1978	.01529	.00188	.01002	.01682	.02626	.23033	1978	.01226	.00066	.00669	.01123	.01660	.19095
1979	.01457	.00186	.00996	.01674	.02613	.22931	1979	.01161	.00065	.00665	.01118	.01653	.18994
1980	.01398	.00184	.00990	.01665	.02601	.22828	1980	.01125	.00064	.00662	.01113	.01646	.18894
1981	.01315	.00183	.00985	.01657	.02589	.22727	1981	.01066	.00064	.00659	.01108	.01639	.18794
1982	.01278	.00182	.00979	.01649	.02577	.22626	1982	.01022	.00063	.00655	.01103	.01632	.18695
1983	.01229	.00181	.00973	.01641	.02565	.22526	1983	.00994	.00063	.00652	.01098	.01625	.18597
1984	.01193	.00181	.00968	.01633	.02553	.22427	1984	.00965	.00063	.00649	.01094	.01618	.18500
1985	.01194	.00180	.00963	.01625	.02541	.22328	1985	.00934	.00063	.00645	.01089	.01612	.18404
1986	.01154	.00180	.00957	.01617	.02529	.22230	1986	.00909	.00063	.00642	.01084	.01605	.18309
1987	.01120	.00179	.00952	.01609	.02518	.22134	1987	.00896	.00062	.00639	.01080	.01598	.18214
1988	.00990	.00179	.00946	.01602	.02507	.22037	1988	.00889	.00062	.00636	.01075	.01592	.18121
1989	.01063	.00178	.00941	.01594	.02495	.21942	1989	.00885	.00062	.00633	.01070	.01585	.18028
1990	.01019	.00178	.00936	.01586	.02484	.21848	1990	.00827	.00062	.00629	.01066	.01579	.17936

Table 9. -- Period Life Expectancies at Selected Exact Ages,  
by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
1900	46.41	34.57	14.18	11.35	8.85	1.61	1900	48.96	35.80	14.96	12.01	9.36	1.61
1901	47.87	34.33	14.09	11.33	8.85	1.63	1901	50.86	35.90	14.88	11.99	9.35	1.63
1902	49.02	35.10	14.53	11.71	9.17	1.76	1902	52.08	36.97	15.59	12.61	9.91	1.76
1903	49.20	34.76	14.21	11.43	8.92	1.66	1903	52.12	36.48	15.14	12.22	9.57	1.66
1904	48.08	34.00	13.74	11.09	8.61	1.53	1904	51.10	36.00	14.77	11.87	9.22	1.53
1905	48.73	34.52	14.04	11.35	8.85	1.54	1905	51.88	36.38	14.96	12.05	9.43	1.54
1906	48.27	34.49	14.18	11.44	8.94	1.55	1906	51.96	36.77	15.18	12.22	9.56	1.55
1907	48.29	33.79	13.69	11.01	8.58	1.50	1907	52.22	36.29	14.72	11.79	9.15	1.50
1908	50.22	35.26	14.41	11.61	9.03	1.61	1908	53.59	37.30	15.32	12.32	9.63	1.61
1909	51.12	35.53	14.43	11.60	9.08	1.60	1909	54.46	37.60	15.41	12.36	9.68	1.60
1910	50.08	35.02	14.18	11.38	8.87	1.60	1910	53.58	37.23	15.16	12.10	9.43	1.60
1911	51.80	35.26	14.31	11.47	8.94	1.64	1911	55.05	37.38	15.27	12.19	9.49	1.64
1912	52.34	35.35	14.34	11.49	8.98	1.67	1912	55.87	37.65	15.35	12.26	9.56	1.67
1913	51.72	35.33	14.43	11.55	9.03	1.71	1913	55.45	37.74	15.49	12.37	9.64	1.71
1914	52.87	35.63	14.49	11.59	9.06	1.76	1914	56.33	37.85	15.56	12.44	9.71	1.76
1915	53.51	35.62	14.38	11.44	8.88	1.68	1915	56.80	37.64	15.28	12.16	9.44	1.68
1916	52.43	35.13	14.17	11.26	8.77	1.64	1916	55.98	37.38	15.15	12.03	9.35	1.64
1917	52.18	34.85	14.11	11.22	8.75	1.67	1917	55.91	37.31	15.16	12.06	9.38	1.67
1918	45.34	32.05	14.49	11.63	9.19	1.83	1918	49.08	35.08	15.53	12.48	9.84	1.83
1919	54.19	36.59	15.30	12.27	9.65	1.81	1919	56.45	37.82	16.02	12.85	10.12	1.81
1920	54.51	36.75	14.87	11.81	9.18	1.66	1920	56.27	37.46	15.48	12.34	9.60	1.66
1921	57.25	38.06	15.30	12.24	9.53	1.75	1921	59.26	38.97	15.99	12.82	9.99	1.75
1922	57.02	37.24	14.72	11.76	9.11	1.68	1922	59.33	38.50	15.56	12.45	9.64	1.68
1923	56.32	36.81	14.42	11.54	8.87	1.57	1923	58.74	38.25	15.29	12.20	9.37	1.67
1924	57.15	37.11	14.65	11.75	9.10	1.67	1924	59.91	38.83	15.75	12.65	9.75	1.67
1925	57.23	36.97	14.55	11.65	9.03	1.58	1925	59.93	38.70	15.62	12.52	9.69	1.58
1926	56.57	36.53	14.28	11.37	8.81	1.49	1926	59.33	38.31	15.33	12.23	9.46	1.49
1927	57.94	37.09	14.69	11.75	9.20	1.58	1927	60.86	39.05	15.91	12.73	9.95	1.58
1928	56.78	36.35	14.27	11.33	8.83	1.43	1928	59.82	38.34	15.44	12.29	9.55	1.43
1929	56.99	36.37	14.34	11.42	8.94	1.44	1929	60.16	38.52	15.56	12.41	9.67	1.44
1930	57.96	36.91	14.69	11.83	9.29	1.62	1930	61.31	39.23	16.04	12.91	10.11	1.62
1931	58.57	37.09	14.86	11.98	9.36	1.64	1931	62.02	39.54	16.25	13.12	10.26	1.64
1932	59.44	37.39	14.80	11.92	9.23	1.60	1932	62.59	39.64	16.10	12.95	10.03	1.60
1933	59.58	37.50	14.85	12.02	9.33	1.66	1933	63.03	40.01	16.34	13.18	10.25	1.66
1934	58.85	37.20	14.70	11.88	9.22	1.65	1934	62.68	39.97	16.27	13.13	10.19	1.65
1935	59.42	37.31	14.80	11.93	9.32	1.64	1935	63.32	40.14	16.41	13.21	10.31	1.64
1936	58.75	36.68	14.40	11.56	9.00	1.52	1936	62.85	39.72	16.02	12.81	9.94	1.52
1937	59.36	37.04	14.63	11.77	9.22	1.59	1937	63.58	40.20	16.38	13.14	10.24	1.59
1938	60.81	37.99	15.05	12.11	9.52	1.67	1938	64.74	40.93	16.75	13.45	10.51	1.67
1939	61.44	38.07	14.99	12.04	9.43	1.61	1939	65.41	41.03	16.71	13.40	10.41	1.61
1940	61.43	37.99	14.84	11.92	9.32	1.64	1940	65.74	41.28	16.78	13.42	10.42	1.64
1941	61.90	38.31	15.11	12.17	9.56	1.69	1941	66.46	41.84	17.21	13.81	10.78	1.69
1942	62.58	38.54	15.33	12.39	9.78	1.75	1942	67.36	42.25	17.46	14.05	10.99	1.75
1943	62.25	38.34	15.05	12.11	9.46	1.62	1943	67.10	41.90	17.13	13.72	10.65	1.62
1944	62.68	38.79	15.41	12.46	9.78	1.72	1944	67.82	42.49	17.55	14.10	10.98	1.72
1945	62.87	38.86	15.56	12.63	9.95	1.73	1945	68.44	42.88	17.85	14.38	11.23	1.73
1946	64.25	39.47	15.80	12.86	10.14	1.78	1946	69.21	43.34	18.08	14.59	11.38	1.78
1947	64.57	39.28	15.54	12.64	9.95	1.72	1947	69.68	43.40	18.02	14.52	11.31	1.72
1948	64.84	39.47	15.63	12.71	10.04	1.77	1948	70.16	43.79	18.24	14.72	11.48	1.77
1949	65.26	39.76	15.74	12.82	10.16	1.88	1949	70.66	44.15	18.47	14.93	11.69	1.88



Table 9. -- Period Life Expectancies at Selected Exact Ages,  
by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
1950	65.63	39.88	15.75	12.81	10.16	1.92	1950	71.13	44.41	18.60	15.06	11.79	1.92
1951	65.66	39.91	15.79	12.83	10.21	1.98	1951	71.36	44.57	18.71	15.15	11.86	1.98
1952	65.78	40.06	15.90	12.97	10.35	2.05	1952	71.62	44.84	18.90	15.31	12.01	2.05
1953	65.98	40.13	15.86	12.93	10.31	2.00	1953	71.98	45.03	18.98	15.34	12.05	2.00
1954	66.74	40.70	16.21	13.22	10.59	2.08	1954	72.74	45.64	19.42	15.75	12.41	2.08
1955	66.72	40.64	16.09	13.08	10.44	1.96	1955	72.81	45.67	19.34	15.64	12.30	1.96
1956	66.73	40.61	16.03	13.04	10.41	1.92	1956	72.94	45.74	19.39	15.68	12.34	1.92
1957	66.47	40.35	15.82	12.88	10.32	1.90	1957	72.73	45.59	19.28	15.60	12.27	1.90
1958	66.64	40.49	15.90	12.93	10.34	1.91	1958	72.92	45.79	19.39	15.69	12.32	1.91
1959	66.80	40.63	16.03	13.06	10.44	1.96	1959	73.24	46.05	19.60	15.88	12.49	1.96
1960	66.66	40.45	15.86	12.91	10.30	1.95	1960	73.24	46.02	19.57	15.89	12.48	1.97
1961	67.07	40.73	16.04	13.08	10.47	1.95	1961	73.63	46.32	19.80	16.11	12.67	1.98
1962	66.89	40.55	15.89	12.93	10.34	1.88	1962	73.50	46.20	19.72	16.02	12.59	1.91
1963	66.64	40.31	15.69	12.75	10.17	1.84	1963	73.42	46.11	19.67	15.99	12.55	1.89
1964	66.84	40.51	15.91	13.00	10.39	1.94	1964	73.74	46.41	19.98	16.29	12.84	1.98
1965	66.79	40.44	15.83	12.92	10.32	1.91	1965	73.84	46.47	20.05	16.34	12.89	1.98
1966	66.69	40.33	15.79	12.86	10.27	1.93	1966	73.90	46.50	20.07	16.32	12.88	2.00
1967	66.95	40.50	15.95	13.01	10.38	1.99	1967	74.29	46.78	20.34	16.58	13.13	2.09
1968	66.61	40.20	15.73	12.80	10.19	1.84	1968	74.21	46.68	20.34	16.60	13.09	2.05
1969	66.88	40.44	15.99	13.02	10.38	1.94	1969	74.59	47.03	20.66	16.90	13.35	2.16
1970	67.15	40.59	16.11	13.13	10.51	2.06	1970	74.86	47.24	20.87	17.11	13.58	2.27
1971	67.40	40.75	16.15	13.13	10.48	2.05	1971	75.06	47.34	20.91	17.14	13.59	2.26
1972	67.42	40.72	16.10	13.09	10.43	2.04	1972	75.22	47.44	20.96	17.18	13.65	2.26
1973	67.64	40.92	16.23	13.19	10.52	2.01	1973	75.47	47.64	21.13	17.35	13.78	2.25
1974	68.27	41.39	16.56	13.48	10.79	2.13	1974	76.02	48.09	21.45	17.66	14.08	2.36
1975	68.74	41.77	16.81	13.70	10.98	2.21	1975	76.55	48.56	21.83	18.02	14.42	2.45
1976	69.08	41.97	16.87	13.75	11.01	2.10	1976	76.77	48.70	21.89	18.08	14.48	2.38
1977	69.40	42.25	17.07	13.91	11.14	2.20	1977	77.16	49.02	22.15	18.33	14.75	2.46
1978	69.58	42.39	17.12	13.95	11.17	2.21	1978	77.25	49.08	22.15	18.33	14.74	2.34
1979	69.96	42.73	17.40	14.18	11.37	2.29	1979	77.71	49.47	22.45	18.60	15.00	2.56
1980	69.94	42.67	17.31	14.04	11.23	2.20	1980	77.52	49.24	22.20	18.35	14.78	2.42
1981	70.37	42.95	17.53	14.24	11.39	2.29	1981	77.85	49.50	22.43	18.58	15.01	2.50
1982	70.84	43.31	17.76	14.45	11.58	2.40	1982	78.21	49.79	22.64	18.80	15.22	2.68
1983	70.94	43.30	17.64	14.31	11.41	2.31	1983	78.14	49.67	22.48	18.63	15.06	2.53
1984	71.11	43.42	17.74	14.41	11.49	2.28	1984	78.22	49.72	22.51	18.66	15.09	2.54
1985	71.09	43.41	17.75	14.39	11.45	2.22	1985	78.24	49.71	22.47	18.62	15.04	2.46
1986	71.15	43.53	17.89	14.52	11.55	2.29	1986	78.32	49.79	22.52	18.66	15.10	2.48
1987	71.34	43.67	18.02	14.64	11.66	2.36	1987	78.42	49.87	22.60	18.73	15.15	2.50
1988	71.37	43.62	17.97	14.56	11.61	2.07	1988	78.36	49.82	22.53	18.66	15.09	2.39
1989	71.56	43.87	18.28	14.84	11.86	2.19	1989	78.60	50.06	22.76	18.87	15.29	2.46
1990	71.57	43.80	18.23	14.78	11.77	2.20	1990	78.65	50.03	22.69	18.81	15.23	2.45
1991	71.64	43.85	18.31	14.85	11.82	2.21	1991	78.77	50.12	22.77	18.88	15.30	2.46
1992	71.72	43.89	18.39	14.91	11.87	2.22	1992	78.88	50.21	22.84	18.95	15.37	2.47
1993	71.80	43.94	18.47	14.97	11.91	2.23	1993	78.99	50.29	22.90	19.01	15.43	2.47
1994	71.89	44.00	18.55	15.03	11.96	2.23	1994	79.10	50.37	22.97	19.07	15.49	2.48
1995	71.99	44.07	18.62	15.09	12.00	2.24	1995	79.20	50.45	23.03	19.12	15.54	2.49
1996	72.09	44.14	18.69	15.15	12.04	2.24	1996	79.30	50.52	23.08	19.17	15.59	2.49
1997	72.21	44.23	18.76	15.20	12.08	2.25	1997	79.40	50.60	23.13	19.22	15.64	2.50
1998	72.35	44.32	18.83	15.25	12.12	2.25	1998	79.50	50.67	23.18	19.27	15.69	2.50
1999	72.45	44.40	18.89	15.30	12.15	2.25	1999	79.59	50.74	23.23	19.31	15.73	2.50

Table 9. -- Period Life Expectancies at Selected Exact Ages,  
by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
2000	72.59	44.51	18.95	15.34	12.19	2.25	2000	79.68	50.81	23.27	19.35	15.77	2.51
2001	72.77	44.64	19.01	15.39	12.22	2.26	2001	79.78	50.88	23.31	19.39	15.81	2.51
2002	72.96	44.80	19.07	15.43	12.25	2.26	2002	79.88	50.96	23.35	19.42	15.85	2.52
2003	73.16	44.96	19.13	15.48	12.28	2.26	2003	79.98	51.04	23.39	19.46	15.88	2.52
2004	73.35	45.11	19.18	15.52	12.31	2.27	2004	80.07	51.11	23.43	19.49	15.92	2.53
2005	73.52	45.26	19.24	15.56	12.34	2.27	2005	80.16	51.18	23.47	19.53	15.96	2.54
2006	73.67	45.38	19.29	15.60	12.38	2.28	2006	80.25	51.25	23.51	19.57	16.00	2.55
2007	73.80	45.49	19.34	15.65	12.41	2.29	2007	80.33	51.32	23.56	19.62	16.04	2.56
2008	73.91	45.59	19.39	15.69	12.45	2.30	2008	80.40	51.38	23.61	19.66	16.08	2.58
2009	74.01	45.67	19.44	15.73	12.49	2.32	2009	80.47	51.45	23.65	19.71	16.12	2.59
2010	74.09	45.75	19.49	15.78	12.53	2.33	2010	80.54	51.51	23.70	19.75	16.17	2.61
2011	74.17	45.82	19.54	15.82	12.57	2.34	2011	80.61	51.57	23.75	19.80	16.21	2.63
2012	74.25	45.89	19.59	15.86	12.61	2.36	2012	80.68	51.63	23.81	19.85	16.26	2.64
2013	74.32	45.95	19.64	15.91	12.65	2.37	2013	80.74	51.69	23.86	19.90	16.30	2.66
2014	74.39	46.01	19.69	15.95	12.69	2.38	2014	80.80	51.75	23.91	19.95	16.35	2.68
2015	74.45	46.07	19.74	16.00	12.73	2.40	2015	80.87	51.81	23.96	19.99	16.39	2.70
2016	74.52	46.13	19.79	16.04	12.77	2.41	2016	80.93	51.87	24.01	20.04	16.44	2.71
2017	74.58	46.19	19.83	16.09	12.81	2.43	2017	81.00	51.93	24.07	20.09	16.49	2.73
2018	74.65	46.25	19.88	16.13	12.85	2.44	2018	81.06	51.98	24.12	20.14	16.53	2.75
2019	74.71	46.31	19.93	16.18	12.89	2.46	2019	81.12	52.04	24.17	20.19	16.58	2.77
2020	74.78	46.37	19.98	16.22	12.93	2.47	2020	81.19	52.10	24.22	20.24	16.62	2.79
2021	74.84	46.42	20.03	16.27	12.97	2.48	2021	81.25	52.16	24.27	20.29	16.67	2.80
2022	74.90	46.48	20.08	16.31	13.01	2.50	2022	81.31	52.22	24.33	20.34	16.71	2.82
2023	74.97	46.54	20.13	16.35	13.05	2.51	2023	81.37	52.27	24.38	20.38	16.76	2.84
2024	75.03	46.60	20.17	16.40	13.09	2.53	2024	81.44	52.33	24.43	20.43	16.80	2.86
2025	75.09	46.65	20.22	16.44	13.13	2.54	2025	81.50	52.39	24.48	20.48	16.85	2.88
2026	75.15	46.71	20.27	16.48	13.17	2.56	2026	81.56	52.44	24.53	20.53	16.89	2.89
2027	75.22	46.76	20.32	16.53	13.21	2.57	2027	81.62	52.50	24.58	20.58	16.94	2.91
2028	75.28	46.82	20.37	16.57	13.24	2.58	2028	81.68	52.56	24.63	20.62	16.98	2.93
2029	75.34	46.88	20.41	16.61	13.28	2.60	2029	81.74	52.61	24.68	20.67	17.03	2.95
2030	75.40	46.93	20.46	16.66	13.32	2.61	2030	81.80	52.67	24.73	20.72	17.07	2.97
2031	75.46	46.99	20.51	16.70	13.36	2.63	2031	81.86	52.73	24.78	20.77	17.12	2.99
2032	75.52	47.04	20.55	16.74	13.40	2.64	2032	81.93	52.78	24.83	20.81	17.16	3.01
2033	75.58	47.10	20.60	16.79	13.44	2.66	2033	81.99	52.84	24.88	20.86	17.21	3.02
2034	75.64	47.15	20.65	16.83	13.48	2.67	2034	82.05	52.89	24.93	20.91	17.25	3.04
2035	75.70	47.21	20.69	16.87	13.52	2.69	2035	82.10	52.95	24.98	20.95	17.29	3.06
2036	75.76	47.26	20.74	16.91	13.56	2.70	2036	82.16	53.01	25.03	21.00	17.34	3.08
2037	75.82	47.32	20.79	16.96	13.59	2.72	2037	82.22	53.06	25.08	21.05	17.38	3.10
2038	75.88	47.37	20.83	17.00	13.63	2.73	2038	82.28	53.12	25.13	21.09	17.43	3.12
2039	75.94	47.43	20.88	17.04	13.67	2.74	2039	82.34	53.17	25.18	21.14	17.47	3.13
2040	76.00	47.48	20.92	17.08	13.71	2.76	2040	82.40	53.23	25.23	21.19	17.51	3.15
2041	76.06	47.54	20.97	17.12	13.75	2.77	2041	82.46	53.28	25.28	21.23	17.56	3.17
2042	76.12	47.59	21.01	17.17	13.78	2.79	2042	82.52	53.33	25.33	21.28	17.60	3.19
2043	76.18	47.64	21.06	17.21	13.82	2.80	2043	82.58	53.39	25.38	21.33	17.64	3.21
2044	76.24	47.70	21.11	17.25	13.86	2.82	2044	82.64	53.44	25.43	21.37	17.69	3.23
2045	76.29	47.75	21.15	17.29	13.90	2.83	2045	82.69	53.50	25.47	21.42	17.73	3.25
2046	76.35	47.80	21.20	17.33	13.94	2.85	2046	82.75	53.55	25.52	21.46	17.77	3.27
2047	76.41	47.85	21.24	17.37	13.97	2.86	2047	82.81	53.60	25.57	21.51	17.82	3.28
2048	76.47	47.91	21.29	17.41	14.01	2.88	2048	82.86	53.66	25.62	21.55	17.86	3.30
2049	76.52	47.96	21.33	17.45	14.05	2.89	2049	82.92	53.71	25.67	21.60	17.90	3.32

Table 9. -- Period Life Expectancies at Selected Exact Ages,  
by Sex and Calendar Year

Sex and Exact Age													
Male							Female						
Calendar Year	0	30	60	65	70	100	Calendar Year	0	30	60	65	70	100
2050	76.58	48.01	21.37	17.50	14.08	2.91	2050	82.98	53.76	25.71	21.64	17.95	3.34
2051	76.64	48.06	21.42	17.54	14.12	2.92	2051	83.04	53.82	25.76	21.69	17.99	3.36
2052	76.69	48.11	21.46	17.58	14.16	2.94	2052	83.09	53.87	25.81	21.73	18.03	3.38
2053	76.75	48.17	21.51	17.62	14.20	2.95	2053	83.15	53.92	25.86	21.78	18.07	3.40
2054	76.81	48.22	21.55	17.66	14.23	2.96	2054	83.20	53.97	25.91	21.82	18.12	3.42
2055	76.86	48.27	21.59	17.70	14.27	2.98	2055	83.26	54.03	25.95	21.87	18.16	3.44
2056	76.92	48.32	21.64	17.74	14.31	2.99	2056	83.32	54.08	26.00	21.91	18.20	3.45
2057	76.97	48.37	21.68	17.78	14.34	3.01	2057	83.37	54.13	26.05	21.96	18.24	3.47
2058	77.03	48.42	21.73	17.82	14.38	3.02	2058	83.43	54.18	26.09	22.00	18.28	3.49
2059	77.08	48.47	21.77	17.86	14.42	3.04	2059	83.48	54.24	26.14	22.05	18.33	3.51
2060	77.14	48.52	21.81	17.90	14.45	3.05	2060	83.54	54.29	26.19	22.09	18.37	3.53
2061	77.19	48.57	21.85	17.94	14.49	3.07	2061	83.59	54.34	26.23	22.14	18.41	3.55
2062	77.25	48.62	21.90	17.98	14.53	3.08	2062	83.65	54.39	26.28	22.18	18.45	3.57
2063	77.30	48.67	21.94	18.02	14.56	3.10	2063	83.70	54.44	26.33	22.22	18.49	3.59
2064	77.35	48.72	21.98	18.06	14.60	3.11	2064	83.76	54.49	26.37	22.27	18.53	3.61
2065	77.41	48.77	22.03	18.09	14.63	3.13	2065	83.81	54.54	26.42	22.31	18.57	3.62
2066	77.46	48.82	22.07	18.13	14.67	3.14	2066	83.87	54.59	26.47	22.35	18.62	3.64
2067	77.52	48.87	22.11	18.17	14.70	3.16	2067	83.92	54.64	26.51	22.40	18.66	3.66
2068	77.57	48.92	22.15	18.21	14.74	3.17	2068	83.97	54.70	26.56	22.44	18.70	3.68
2069	77.62	48.97	22.19	18.25	14.78	3.19	2069	84.03	54.75	26.60	22.48	18.74	3.70
2070	77.67	49.02	22.24	18.29	14.81	3.20	2070	84.08	54.80	26.65	22.53	18.78	3.72
2071	77.73	49.06	22.28	18.33	14.85	3.21	2071	84.13	54.85	26.69	22.57	18.82	3.74
2072	77.78	49.11	22.32	18.37	14.88	3.23	2072	84.19	54.90	26.74	22.61	18.86	3.76
2073	77.83	49.16	22.36	18.40	14.92	3.24	2073	84.24	54.95	26.78	22.66	18.90	3.78
2074	77.88	49.21	22.40	18.44	14.95	3.26	2074	84.29	55.00	26.83	22.70	18.94	3.80
2075	77.94	49.26	22.44	18.48	14.99	3.27	2075	84.34	55.05	26.87	22.74	18.98	3.81
2076	77.99	49.30	22.49	18.52	15.02	3.29	2076	84.40	55.09	26.92	22.78	19.02	3.83
2077	78.04	49.35	22.53	18.56	15.06	3.30	2077	84.45	55.14	26.96	22.83	19.06	3.85
2078	78.09	49.40	22.57	18.60	15.09	3.32	2078	84.50	55.19	27.01	22.87	19.10	3.87
2079	78.14	49.45	22.61	18.63	15.13	3.33	2079	84.55	55.24	27.05	22.91	19.14	3.89
2080	78.19	49.49	22.65	18.67	15.16	3.35	2080	84.61	55.29	27.10	22.95	19.18	3.91

Table 10. -- Cohort Life Expectancies at Selected Exact Ages,  
by Sex and Year of Birth

<u>Sex and Exact Age</u>													
<u>Male</u>							<u>Female</u>						
<u>Year of Birth</u>	<u>0</u>	<u>30</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>100</u>	<u>Year of Birth</u>	<u>0</u>	<u>30</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>100</u>
1900	51.52	39.33	16.34	13.47	10.99	2.26	1900	58.29	45.75	21.58	18.03	14.72	2.52
1901	52.89	39.49	16.40	13.53	11.04	2.26	1901	59.72	46.03	21.72	18.16	14.82	2.52
1902	53.35	39.65	16.44	13.61	11.11	2.27	1902	60.29	46.33	21.84	18.29	14.92	2.53
1903	53.86	39.81	16.50	13.67	11.18	2.27	1903	60.96	46.61	21.97	18.40	15.01	2.54
1904	53.84	39.96	16.57	13.75	11.25	2.28	1904	61.10	46.89	22.09	18.49	15.08	2.55
1905	53.96	40.12	16.65	13.83	11.31	2.29	1905	61.33	47.14	22.20	18.57	15.14	2.56
1906	54.17	40.28	16.73	13.91	11.36	2.30	1906	61.61	47.36	22.29	18.65	15.19	2.58
1907	54.88	40.45	16.82	13.98	11.40	2.31	1907	62.33	47.57	22.36	18.72	15.23	2.59
1908	55.47	40.62	16.92	14.07	11.45	2.32	1908	62.97	47.75	22.43	18.78	15.27	2.61
1909	56.07	40.77	17.03	14.16	11.51	2.34	1909	63.62	47.90	22.50	18.84	15.31	2.62
1910	56.20	40.92	17.13	14.24	11.55	2.35	1910	63.84	48.04	22.57	18.89	15.35	2.64
1911	57.45	41.08	17.24	14.32	11.61	2.37	1911	65.08	48.18	22.63	18.93	15.40	2.66
1912	57.75	41.24	17.35	14.39	11.66	2.38	1912	65.46	48.32	22.69	18.98	15.44	2.68
1913	57.93	41.40	17.46	14.47	11.71	2.39	1913	65.72	48.45	22.75	19.02	15.48	2.70
1914	58.63	41.58	17.58	14.55	11.77	2.41	1914	66.39	48.59	22.82	19.07	15.54	2.71
1915	58.95	41.77	17.70	14.63	11.82	2.42	1915	66.79	48.74	22.88	19.12	15.59	2.73
1916	59.13	41.99	17.81	14.71	11.88	2.44	1916	66.99	48.88	22.95	19.17	15.64	2.75
1917	59.26	42.17	17.93	14.79	11.93	2.45	1917	67.08	49.02	23.01	19.22	15.70	2.77
1918	59.84	42.35	18.03	14.85	11.98	2.47	1918	67.80	49.15	23.07	19.27	15.75	2.79
1919	61.29	42.51	18.13	14.91	12.02	2.48	1919	69.18	49.27	23.13	19.32	15.80	2.80
1920	61.63	42.66	18.21	14.97	12.06	2.50	1920	69.61	49.38	23.18	19.37	15.85	2.82
1921	62.58	42.79	18.28	15.02	12.11	2.51	1921	70.48	49.48	23.22	19.42	15.90	2.84
1922	62.92	42.90	18.35	15.08	12.15	2.52	1922	70.82	49.57	23.27	19.47	15.95	2.86
1923	63.10	43.01	18.42	15.14	12.19	2.54	1923	70.96	49.66	23.32	19.52	16.00	2.88
1924	63.56	43.12	18.50	15.21	12.24	2.55	1924	71.46	49.74	23.38	19.57	16.05	2.90
1925	63.84	43.23	18.59	15.27	12.28	2.57	1925	71.68	49.82	23.43	19.61	16.09	2.92
1926	64.08	43.35	18.67	15.33	12.32	2.58	1926	71.89	49.90	23.48	19.66	16.13	2.93
1927	64.80	43.49	18.76	15.38	12.37	2.60	1927	72.57	49.99	23.53	19.70	16.18	2.95
1928	64.84	43.63	18.83	15.44	12.41	2.61	1928	72.64	50.09	23.58	19.75	16.22	2.97
1929	65.28	43.78	18.91	15.50	12.45	2.63	1929	72.99	50.18	23.63	19.79	16.26	2.99
1930	65.72	43.93	18.98	15.56	12.50	2.64	1930	73.36	50.27	23.67	19.83	16.31	3.01
1931	66.26	44.08	19.05	15.61	12.54	2.66	1931	73.86	50.36	23.72	19.87	16.35	3.03
1932	66.63	44.21	19.13	15.67	12.58	2.67	1932	74.17	50.45	23.77	19.92	16.39	3.05
1933	66.81	44.35	19.20	15.72	12.62	2.69	1933	74.31	50.55	23.82	19.96	16.44	3.07
1934	66.72	44.48	19.27	15.78	12.67	2.70	1934	74.29	50.64	23.87	20.00	16.48	3.08
1935	67.26	44.61	19.34	15.83	12.71	2.72	1935	74.85	50.75	23.91	20.05	16.52	3.10
1936	67.41	44.74	19.41	15.88	12.75	2.73	1936	74.95	50.86	23.96	20.09	16.57	3.12
1937	67.78	44.87	19.48	15.94	12.79	2.74	1937	75.28	50.97	24.01	20.14	16.62	3.14
1938	68.23	45.00	19.54	15.99	12.83	2.76	1938	75.71	51.08	24.06	20.18	16.66	3.16
1939	68.68	45.12	19.61	16.04	12.87	2.77	1939	76.13	51.18	24.11	20.23	16.71	3.18
1940	68.78	45.24	19.67	16.08	12.91	2.79	1940	76.21	51.28	24.16	20.28	16.76	3.20
1941	69.11	45.36	19.73	16.13	12.96	2.80	1941	76.49	51.38	24.21	20.33	16.80	3.22
1942	69.63	45.46	19.79	16.18	13.00	2.82	1942	76.96	51.48	24.27	20.38	16.85	3.24
1943	69.88	45.57	19.85	16.23	13.04	2.83	1943	77.24	51.58	24.32	20.43	16.90	3.25
1944	70.11	45.67	19.91	16.27	13.08	2.85	1944	77.43	51.67	24.37	20.48	16.94	3.27
1945	70.32	45.76	19.96	16.32	13.12	2.86	1945	77.69	51.76	24.42	20.52	16.99	3.29
1946	70.69	45.84	20.01	16.36	13.16	2.88	1946	78.05	51.85	24.48	20.57	17.04	3.31
1947	70.99	45.91	20.07	16.41	13.20	2.89	1947	78.38	51.93	24.53	20.62	17.08	3.33
1948	71.09	45.96	20.12	16.45	13.24	2.91	1948	78.50	52.01	24.58	20.67	17.13	3.35
1949	71.18	46.01	20.17	16.50	13.28	2.92	1949	78.63	52.08	24.63	20.72	17.17	3.37

Table 10. -- Cohort Life Expectancies at Selected Exact Ages,  
by Sex and Year of Birth

Sex and Exact Age													
Male							Female						
Year of Birth	0	30	60	65	70	100	Year of Birth	0	30	60	65	70	100
1950	71.40	46.05	20.22	16.54	13.32	2.94	1950	78.84	52.16	24.69	20.77	17.22	3.39
1951	71.50	46.09	20.27	16.59	13.36	2.95	1951	78.99	52.23	24.74	20.82	17.27	3.41
1952	71.58	46.12	20.32	16.63	13.40	2.97	1952	79.08	52.29	24.79	20.87	17.31	3.43
1953	71.69	46.15	20.37	16.68	13.44	2.98	1953	79.24	52.36	24.85	20.92	17.36	3.45
1954	71.84	46.18	20.42	16.72	13.48	3.00	1954	79.39	52.43	24.90	20.97	17.40	3.46
1955	71.92	46.21	20.47	16.77	13.52	3.01	1955	79.48	52.49	24.95	21.02	17.45	3.48
1956	72.00	46.24	20.52	16.81	13.56	3.03	1956	79.59	52.56	25.00	21.07	17.50	3.50
1957	72.05	46.28	20.57	16.86	13.60	3.04	1957	79.65	52.62	25.05	21.12	17.54	3.52
1958	72.08	46.33	20.62	16.90	13.64	3.06	1958	79.68	52.68	25.11	21.16	17.59	3.54
1959	72.20	46.39	20.66	16.94	13.68	3.07	1959	79.80	52.75	25.16	21.21	17.63	3.56
1960	72.31	46.45	20.71	16.99	13.72	3.09	1960	79.91	52.81	25.21	21.26	17.68	3.58
1961	72.47	46.52	20.76	17.03	13.76	3.10	1961	80.03	52.87	25.26	21.31	17.72	3.60
1962	72.54	46.60	20.81	17.07	13.80	3.12	1962	80.12	52.93	25.31	21.36	17.77	3.62
1963	72.65	46.68	20.86	17.12	13.84	3.13	1963	80.19	53.00	25.36	21.40	17.81	3.64
1964	72.78	46.76	20.90	17.16	13.88	3.15	1964	80.30	53.06	25.41	21.45	17.86	3.66
1965	72.89	46.85	20.95	17.20	13.92	3.16	1965	80.39	53.13	25.47	21.50	17.90	3.68
1966	73.07	46.94	21.00	17.25	13.95	3.18	1966	80.54	53.19	25.52	21.55	17.94	3.70
1967	73.28	47.02	21.05	17.29	13.99	3.19	1967	80.70	53.26	25.57	21.59	17.99	3.72
1968	73.43	47.11	21.09	17.33	14.03	3.21	1968	80.84	53.33	25.62	21.64	18.03	3.73
1969	73.61	47.20	21.14	17.38	14.07	3.22	1969	80.98	53.39	25.67	21.69	18.08	3.75
1970	73.79	47.29	21.19	17.42	14.11	3.24	1970	81.11	53.46	25.72	21.74	18.12	3.77
1971	73.98	47.37	21.23	17.46	14.15	3.25	1971	81.27	53.52	25.77	21.78	18.16	3.79
1972	74.13	47.45	21.28	17.50	14.19	3.27	1972	81.40	53.59	25.82	21.83	18.21	3.81
1973	74.30	47.53	21.33	17.55	14.22	3.28	1973	81.52	53.65	25.87	21.88	18.25	3.83
1974	74.48	47.60	21.37	17.59	14.26	3.30	1974	81.66	53.71	25.92	21.92	18.30	3.85
1975	74.65	47.67	21.42	17.63	14.30	3.31	1975	81.77	53.77	25.97	21.97	18.34	3.87
1976	74.81	47.73	21.46	17.67	14.34	3.33	1976	81.90	53.83	26.02	22.02	18.38	3.89
1977	75.00	47.80	21.51	17.71	14.37	3.34	1977	82.06	53.89	26.06	22.06	18.43	3.91
1978	75.14	47.86	21.56	17.75	14.41	3.36	1978	82.15	53.95	26.11	22.11	18.47	3.93
1979	75.27	47.92	21.60	17.80	14.45	3.37	1979	82.27	54.00	26.16	22.15	18.51	3.95
1980	75.41	47.97	21.65	17.84	14.49	3.38	1980	82.38	54.06	26.21	22.20	18.56	3.97
1981	75.55	48.03	21.69	17.88	14.52	3.40	1981	82.49	54.11	26.26	22.24	18.60	3.99
1982	75.65	48.08	21.74	17.92	14.56	3.41	1982	82.59	54.17	26.31	22.29	18.64	4.01
1983	75.76	48.14	21.78	17.96	14.60	3.43	1983	82.68	54.22	26.36	22.34	18.68	4.03
1984	75.86	48.19	21.83	18.00	14.64	3.44	1984	82.77	54.28	26.40	22.38	18.73	4.04
1985	75.93	48.24	21.87	18.04	14.67	3.46	1985	82.86	54.33	26.45	22.43	18.77	4.06
1986	76.03	48.30	21.92	18.08	14.71	3.47	1986	82.94	54.38	26.50	22.47	18.81	4.08
1987	76.13	48.35	21.96	18.12	14.75	3.49	1987	83.01	54.44	26.55	22.52	18.85	4.10
1988	76.30	48.41	22.01	18.16	14.78	3.50	1988	83.08	54.49	26.60	22.56	18.90	4.12
1989	76.30	48.46	22.05	18.20	14.82	3.52	1989	83.14	54.55	26.64	22.61	18.94	4.14
1990	76.40	48.51	22.09	18.24	14.86	3.53	1990	83.25	54.60	26.69	22.65	18.98	4.16

Table 11. -- Ratios of Female to Male Period Values:  
Life Expectancies ( $e_x$ ) and Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages

		<u>Life Expectancy</u>					<u>Exact Age</u>						<u>Probability of Death</u>								
Calendar		0	30	60	65	70	100	Calendar	0	30	60	65	70	100	Calendar	0	30	60	65	70	100
1900	1.055	1.036	1.055	1.058	1.058	1.000	1900	0.820	0.989	0.897	0.888	0.910	1.000								
1905	1.065	1.054	1.066	1.062	1.066	1.000	1905	0.810	0.945	0.846	0.885	0.910	1.000								
1910	1.070	1.063	1.069	1.063	1.063	1.000	1910	0.818	0.891	0.817	0.865	0.893	1.000								
1915	1.061	1.057	1.063	1.063	1.063	1.000	1915	0.795	0.882	0.841	0.873	0.888	1.000								
1920	1.032	1.019	1.041	1.045	1.046	1.000	1920	0.788	1.106	0.914	0.918	0.917	1.000								
1925	1.047	1.047	1.074	1.075	1.073	1.000	1925	0.789	0.962	0.839	0.848	0.865	1.000								
1930	1.058	1.063	1.092	1.091	1.088	1.000	1930	0.797	0.906	0.798	0.812	0.843	1.000								
1935	1.066	1.076	1.109	1.107	1.106	1.000	1935	0.777	0.878	0.753	0.784	0.818	1.000								
1940	1.070	1.087	1.131	1.126	1.118	1.000	1940	0.788	0.815	0.687	0.725	0.783	1.000								
1945	1.089	1.103	1.147	1.139	1.129	1.000	1945	0.786	0.627	0.632	0.680	0.750	1.000								
1950	1.084	1.114	1.181	1.176	1.160	1.000	1950	0.778	0.671	0.590	0.610	0.684	1.000								
1955	1.091	1.124	1.202	1.196	1.178	1.000	1955	0.779	0.584	0.536	0.576	0.630	1.000								
1960	1.099	1.138	1.234	1.231	1.212	1.010	1960	0.770	0.579	0.517	0.532	0.586	0.982								
1965	1.106	1.149	1.267	1.265	1.249	1.037	1965	0.775	0.557	0.485	0.505	0.544	0.955								
1970	1.115	1.164	1.295	1.303	1.292	1.102	1970	0.783	0.483	0.478	0.468	0.514	0.903								
1975	1.114	1.163	1.299	1.315	1.313	1.109	1975	0.794	0.435	0.492	0.469	0.491	0.894								
1980	1.108	1.154	1.282	1.307	1.316	1.100	1980	0.805	0.397	0.518	0.504	0.509	0.901								
1985	1.101	1.145	1.266	1.294	1.314	1.108	1985	0.782	0.388	0.546	0.537	0.533	0.893								
1990	1.099	1.142	1.245	1.273	1.294	1.114	1990	0.812	0.358	0.572	0.564	0.563	0.891								
1995	1.100	1.145	1.237	1.267	1.295	1.112	1995	0.820	0.338	0.593	0.590	0.579	0.891								
2000	1.098	1.142	1.228	1.261	1.294	1.116	2000	0.823	0.336	0.617	0.617	0.597	0.889								
2005	1.090	1.131	1.220	1.255	1.293	1.119	2005	0.819	0.342	0.642	0.642	0.614	0.887								
2010	1.087	1.126	1.216	1.252	1.291	1.120	2010	0.814	0.348	0.653	0.653	0.620	0.883								
2015	1.086	1.125	1.214	1.249	1.288	1.125	2015	0.814	0.350	0.657	0.656	0.622	0.878								
2020	1.086	1.124	1.212	1.248	1.285	1.130	2020	0.811	0.348	0.660	0.658	0.623	0.874								
2025	1.085	1.123	1.211	1.246	1.283	1.134	2025	0.809	0.347	0.662	0.660	0.625	0.870								
2030	1.085	1.122	1.209	1.244	1.282	1.138	2030	0.807	0.345	0.664	0.662	0.627	0.866								
2035	1.085	1.122	1.207	1.242	1.279	1.138	2035	0.805	0.343	0.666	0.664	0.628	0.861								
2040	1.084	1.121	1.206	1.241	1.277	1.141	2040	0.802	0.341	0.669	0.666	0.630	0.857								
2045	1.084	1.120	1.204	1.239	1.276	1.148	2045	0.800	0.339	0.670	0.668	0.631	0.853								
2050	1.084	1.120	1.203	1.237	1.275	1.148	2050	0.798	0.337	0.672	0.670	0.633	0.850								
2055	1.083	1.119	1.202	1.236	1.273	1.154	2055	0.797	0.341	0.674	0.672	0.634	0.846								
2060	1.083	1.119	1.201	1.234	1.271	1.157	2060	0.795	0.340	0.676	0.674	0.636	0.842								
2065	1.083	1.118	1.199	1.233	1.269	1.157	2065	0.793	0.338	0.678	0.676	0.637	0.838								
2070	1.083	1.118	1.198	1.232	1.268	1.163	2070	0.791	0.333	0.679	0.677	0.638	0.835								
2075	1.082	1.118	1.197	1.231	1.266	1.165	2075	0.790	0.338	0.681	0.679	0.639	0.831								
2080	1.082	1.117	1.196	1.229	1.265	1.167	2080	0.789	0.335	0.683	0.680	0.641	0.828								

Table 12. -- Ratio of Female to Male Cohort Values:  
Life Expectancies ( $e_x$ ) and Probabilities of Death within One Year ( $q_x$ )  
at Selected Exact Ages

Life Expectancy							Exact Age						Probability of Death							
Year of Birth	0	30	60	65	70	100	Year of Birth	0	30	60	65	70	100	Year of Birth	0	30	60	65	70	100
1900	1.131	1.163	1.321	1.339	1.339	1.115	1900	0.820	0.904	0.517	0.505	0.514	0.889	1900	0.820	0.904	0.517	0.505	0.514	0.889
1905	1.137	1.175	1.333	1.343	1.339	1.118	1905	0.810	0.878	0.485	0.468	0.491	0.887	1905	0.810	0.878	0.485	0.468	0.491	0.887
1910	1.136	1.174	1.318	1.327	1.329	1.123	1910	0.818	0.815	0.478	0.469	0.509	0.883	1910	0.818	0.815	0.478	0.469	0.509	0.883
1915	1.133	1.167	1.293	1.307	1.319	1.128	1915	0.795	0.627	0.492	0.504	0.533	0.878	1915	0.795	0.627	0.492	0.504	0.533	0.878
1920	1.129	1.158	1.273	1.294	1.314	1.128	1920	0.788	0.671	0.518	0.537	0.563	0.874	1920	0.788	0.671	0.518	0.537	0.563	0.874
1925	1.123	1.152	1.260	1.284	1.310	1.136	1925	0.789	0.584	0.546	0.564	0.579	0.870	1925	0.789	0.584	0.546	0.564	0.579	0.870
1930	1.116	1.144	1.247	1.274	1.305	1.140	1930	0.797	0.582	0.572	0.589	0.597	0.866	1930	0.797	0.582	0.572	0.589	0.597	0.866
1935	1.113	1.138	1.236	1.267	1.300	1.140	1935	0.777	0.557	0.593	0.617	0.614	0.861	1935	0.777	0.557	0.593	0.617	0.614	0.861
1940	1.108	1.134	1.228	1.261	1.298	1.147	1940	0.788	0.483	0.617	0.642	0.620	0.857	1940	0.788	0.483	0.617	0.642	0.620	0.857
1945	1.105	1.131	1.223	1.257	1.295	1.150	1945	0.786	0.435	0.642	0.653	0.622	0.853	1945	0.786	0.435	0.642	0.653	0.622	0.853
1950	1.104	1.133	1.221	1.256	1.293	1.153	1950	0.778	0.397	0.653	0.656	0.623	0.850	1950	0.778	0.397	0.653	0.656	0.623	0.850
1955	1.105	1.136	1.219	1.253	1.291	1.156	1955	0.779	0.388	0.657	0.658	0.625	0.846	1955	0.779	0.388	0.657	0.658	0.625	0.846
1960	1.105	1.137	1.217	1.251	1.289	1.159	1960	0.770	0.358	0.660	0.660	0.627	0.842	1960	0.770	0.358	0.660	0.660	0.627	0.842
1965	1.103	1.134	1.216	1.250	1.286	1.165	1965	0.775	0.338	0.662	0.662	0.628	0.838	1965	0.775	0.338	0.662	0.662	0.628	0.838
1970	1.099	1.130	1.214	1.248	1.284	1.164	1970	0.783	0.336	0.664	0.664	0.630	0.835	1970	0.783	0.336	0.664	0.664	0.630	0.835
1975	1.095	1.128	1.212	1.246	1.283	1.169	1975	0.794	0.342	0.666	0.666	0.631	0.831	1975	0.794	0.342	0.666	0.666	0.631	0.831
1980	1.092	1.127	1.211	1.244	1.281	1.175	1980	0.805	0.348	0.669	0.668	0.633	0.828	1980	0.805	0.348	0.669	0.668	0.633	0.828
1985	1.091	1.126	1.209	1.243	1.279	1.173	1985	0.782	0.350	0.670	0.670	0.634	0.824	1985	0.782	0.350	0.670	0.670	0.634	0.824
1990	1.090	1.126	1.208	1.242	1.277	1.178	1990	0.812	0.348	0.672	0.672	0.636	0.821	1990	0.812	0.348	0.672	0.672	0.636	0.821

Table 13. -- Period Life Endurcncies at Selected Survival Rates,  
by Sex and Calendar Year

Calendar Year	Sex and Survival Rate						
	Male			Female			
	.5	.1	.00001	Calendar Year	.5	.1	.00001
1900	55.15	80.89	104.41	1900	58.17	82.32	104.91
1901	56.40	81.02	104.50	1901	60.12	82.53	105.01
1902	57.99	81.83	105.74	1902	61.70	83.70	106.50
1903	58.04	81.40	104.86	1903	61.47	83.10	105.50
1904	56.73	80.65	103.75	1904	60.49	82.48	104.50
1905	57.63	81.17	104.01	1905	61.39	82.94	104.73
1906	56.98	81.20	104.24	1906	61.76	83.24	104.85
1907	56.69	80.52	103.60	1907	61.81	82.56	104.16
1908	59.26	81.78	104.84	1908	63.40	83.63	105.35
1909	60.31	82.03	104.84	1909	64.27	83.88	105.43
1910	59.12	81.49	104.65	1910	63.50	83.31	105.13
1911	60.51	81.88	104.97	1911	64.47	83.64	105.53
1912	60.89	81.96	105.26	1912	65.16	83.81	105.79
1913	60.33	81.99	105.57	1913	64.98	83.92	106.04
1914	61.47	82.29	105.90	1914	65.52	84.15	106.48
1915	61.97	82.14	105.32	1915	65.71	83.79	105.85
1916	60.78	81.68	104.91	1916	65.10	83.48	105.50
1917	60.35	81.54	105.08	1917	64.94	83.47	105.72
1918	48.37	80.42	106.07	1918	55.96	82.76	106.75
1919	63.01	83.56	106.68	1919	65.37	84.78	107.03
1920	63.75	82.92	105.36	1920	65.27	83.90	105.71
1921	66.13	84.01	106.26	1921	67.86	85.09	106.59
1922	65.44	83.24	105.47	1922	67.61	84.57	105.80
1923	64.73	82.76	104.50	1923	67.20	84.05	104.82
1924	65.28	83.17	105.33	1924	68.10	84.79	105.78
1925	65.22	83.02	104.65	1925	67.95	84.67	105.03
1926	64.64	82.51	103.88	1926	67.40	84.18	104.38
1927	65.61	83.30	104.91	1927	68.53	85.18	105.50
1928	64.59	82.44	103.70	1928	67.64	84.34	104.19
1929	64.60	82.61	103.89	1929	67.86	84.56	104.51
1930	65.26	83.38	105.44	1930	68.76	85.50	105.98
1931	65.69	83.66	105.63	1931	69.32	85.89	106.36
1932	66.37	83.63	105.32	1932	69.77	85.68	105.90
1933	66.44	83.82	105.79	1933	70.16	86.12	106.54
1934	65.86	83.47	105.69	1934	70.01	85.96	106.44
1935	66.21	83.67	105.63	1935	70.33	86.25	106.37
1936	65.46	82.89	104.62	1936	69.91	85.50	105.35
1937	65.93	83.31	105.21	1937	70.52	86.11	105.95
1938	67.28	84.19	105.98	1938	71.47	86.77	106.75
1939	67.60	84.10	105.56	1939	71.82	86.64	106.26



Table 13. -- Period Life Endurncies at Selected Survival Rates,  
by Sex and Calendar Year

Calendar Year	Sex and Survival Rate						
	Male			Female			
	.5	.1	.00001	Calendar Year	.5	.1	.00001
1940	67.53	83.98	105.63	1940	72.08	86.72	106.43
1941	67.92	84.43	105.98	1941	72.68	87.38	106.95
1942	68.25	84.84	106.64	1942	73.21	87.83	107.52
1943	68.04	84.33	105.53	1943	72.95	87.21	106.49
1944	68.46	84.95	106.47	1944	73.60	87.87	107.28
1945	68.53	85.29	106.66	1945	74.10	88.36	107.58
1946	69.49	85.87	106.96	1946	74.64	88.66	107.79
1947	69.41	85.63	106.56	1947	74.78	88.58	107.48
1948	69.60	85.81	106.89	1948	75.18	88.89	107.87
1949	69.91	86.04	107.75	1949	75.51	89.29	108.72
1950	70.11	86.06	107.93	1950	75.82	89.47	108.97
1951	70.10	86.07	108.38	1951	76.05	89.58	109.39
1952	70.18	86.24	108.90	1952	76.30	89.84	109.82
1953	70.28	86.20	108.65	1953	76.55	89.88	109.62
1954	70.93	86.87	109.35	1954	77.19	90.51	110.23
1955	70.92	86.63	108.51	1955	77.27	90.24	109.41
1956	70.87	86.56	108.22	1956	77.39	90.27	109.23
1957	70.50	86.36	107.94	1957	77.25	90.09	108.97
1958	70.72	86.41	107.99	1958	77.46	90.18	109.09
1959	70.88	86.62	108.40	1959	77.78	90.44	109.54
1960	70.70	86.37	108.23	1960	77.79	90.42	109.54
1961	71.03	86.69	108.32	1961	78.14	90.65	109.64
1962	70.83	86.47	107.79	1962	78.04	90.44	109.11
1963	70.58	86.18	107.40	1963	77.97	90.34	108.90
1964	70.79	86.57	108.16	1964	78.31	90.76	109.65
1965	70.73	86.43	107.91	1965	78.39	90.81	109.60
1966	70.60	86.37	107.98	1966	78.38	90.84	109.71
1967	70.85	86.64	108.53	1967	78.69	91.26	110.25
1968	70.54	86.25	107.52	1968	78.69	91.23	109.91
1969	70.84	86.58	108.26	1969	79.06	91.66	110.71
1970	70.98	86.82	109.02	1970	79.22	92.08	111.41
1971	71.22	86.83	108.94	1971	79.37	92.03	111.33
1972	71.21	86.78	108.89	1972	79.44	92.17	111.35
1973	71.44	86.95	108.78	1973	79.70	92.31	111.31
1974	71.96	87.50	109.67	1974	80.17	92.77	111.97
1975	72.37	87.90	110.28	1975	80.60	93.37	112.66
1976	72.64	87.99	109.67	1976	80.81	93.35	112.23
1977	72.95	88.31	110.37	1977	81.11	93.79	112.80
1978	73.10	88.37	110.41	1978	81.19	93.74	112.27
1979	73.47	88.77	110.94	1979	81.53	94.21	113.39

Table 13. -- Period Life Endurncies at Selected Survival Rates,  
by Sex and Calendar Year

		Sex and Survival Rate					
		Male			Female		
Calendar Year	.5	.1	.00001	Calendar Year	.5	.1	.00001
1980	73.48	88.52	110.38	1980	81.29	93.86	112.62
1981	73.83	88.85	110.93	1981	81.57	94.20	113.04
1982	74.20	89.25	111.76	1982	81.79	94.65	113.98
1983	74.25	88.97	111.10	1983	81.68	94.36	113.30
1984	74.43	89.11	110.97	1984	81.72	94.42	113.33
1985	74.48	89.03	110.66	1985	81.73	94.31	112.89
1986	74.65	89.19	110.99	1986	81.78	94.43	113.02
1987	74.85	89.34	111.54	1987	81.89	94.49	113.31
1988	74.89	89.22	109.80	1988	81.89	94.29	112.56
1989	75.18	89.63	110.62	1989	82.11	94.64	112.93
1990	75.19	89.49	110.66	1990	82.08	94.57	112.89
1991	75.32	89.65	110.83	1991	82.28	94.75	113.01
1992	75.47	89.80	110.97	1992	82.47	94.91	113.24
1993	75.60	89.94	111.17	1993	82.65	95.08	113.43
1994	75.72	90.08	111.37	1994	82.82	95.24	113.59
1995	75.82	90.21	111.54	1995	82.99	95.39	113.72
1996	75.91	90.34	111.68	1996	83.14	95.53	113.83
1997	75.99	90.45	111.80	1997	83.28	95.66	113.93
1998	76.08	90.56	111.90	1998	83.41	95.77	114.03
1999	76.03	90.63	111.99	1999	83.52	95.88	114.19
2000	76.03	90.70	112.13	2000	83.63	95.98	114.33
2001	76.09	90.79	112.27	2001	83.74	96.08	114.46
2002	76.23	90.90	112.41	2002	83.86	96.19	114.57
2003	76.45	91.02	112.53	2003	83.99	96.29	114.68
2004	76.72	91.18	112.66	2004	84.12	96.39	114.78
2005	77.01	91.34	112.78	2005	84.26	96.50	114.87
2006	77.30	91.50	112.89	2006	84.40	96.60	114.96
2007	77.58	91.65	113.00	2007	84.54	96.70	115.11
2008	77.84	91.80	113.19	2008	84.68	96.80	115.29
2009	78.07	91.94	113.38	2009	84.82	96.90	115.45
2010	78.27	92.08	113.54	2010	84.96	97.00	115.60
2011	78.46	92.22	113.69	2011	85.09	97.11	115.73
2012	78.63	92.36	113.82	2012	85.21	97.22	115.85
2013	78.78	92.48	113.94	2013	85.33	97.32	115.95
2014	78.92	92.60	114.08	2014	85.45	97.43	116.10
2015	79.05	92.72	114.28	2015	85.57	97.53	116.29
2016	79.17	92.83	114.45	2016	85.68	97.63	116.46
2017	79.28	92.94	114.60	2017	85.80	97.73	116.60
2018	79.39	93.05	114.74	2018	85.91	97.82	116.73
2019	79.50	93.17	114.86	2019	86.03	97.92	116.85

Table 13. -- Period Life Endurncies at Selected Survival Rates,  
by Sex and Calendar Year

		<u>Sex and Survival Rate</u>						
		Male			Female			
Calendar					Calendar			
Year	.5	.1	.00001		Year	.5	.1	.00001
2020	79.60	93.28	114.98		2020	86.13	98.01	116.95
2021	79.70	93.39	115.16		2021	86.24	98.12	117.10
2022	79.80	93.50	115.34		2022	86.35	98.23	117.29
2023	79.90	93.61	115.50		2023	86.45	98.33	117.45
2024	80.00	93.71	115.65		2024	86.56	98.43	117.60
2025	80.09	93.81	115.78		2025	86.67	98.53	117.73
2026	80.19	93.92	115.90		2026	86.77	98.63	117.85
2027	80.28	94.02	116.01		2027	86.88	98.73	117.95
2028	80.38	94.13	116.21		2028	86.99	98.83	118.10
2029	80.47	94.24	116.38		2029	87.09	98.92	118.29
2030	80.57	94.35	116.54		2030	87.19	99.02	118.45
2031	80.67	94.46	116.68		2031	87.29	99.12	118.60
2032	80.76	94.56	116.81		2032	87.39	99.23	118.73
2033	80.86	94.66	116.92		2033	87.49	99.33	118.84
2034	80.96	94.77	117.06		2034	87.59	99.44	118.94
2035	81.06	94.87	117.25		2035	87.69	99.54	119.09
2036	81.15	94.97	117.42		2036	87.79	99.64	119.27
2037	81.25	95.08	117.57		2037	87.90	99.74	119.44
2038	81.35	95.19	117.71		2038	88.00	99.83	119.59
2039	81.45	95.30	117.83		2039	88.09	99.93	119.72
2040	81.55	95.40	117.95		2040	88.19	100.03	119.83
2041	81.65	95.51	118.10		2041	88.29	100.14	119.94
2042	81.75	95.61	118.28		2042	88.38	100.24	120.07
2043	81.85	95.72	118.45		2043	88.48	100.35	120.25
2044	81.95	95.82	118.60		2044	88.57	100.45	120.42
2045	82.05	95.92	118.73		2045	88.67	100.55	120.57
2046	82.15	96.02	118.85		2046	88.77	100.65	120.70
2047	82.25	96.13	118.96		2047	88.86	100.75	120.82
2048	82.35	96.24	119.13		2048	88.96	100.85	120.92
2049	82.45	96.35	119.31		2049	89.05	100.95	121.04
2050	82.55	96.45	119.47		2050	89.14	101.05	121.22
2051	82.65	96.56	119.61		2051	89.23	101.15	121.39
2052	82.75	96.66	119.75		2052	89.33	101.26	121.54
2053	82.85	96.76	119.87		2053	89.42	101.37	121.67
2054	82.95	96.86	119.97		2054	89.51	101.47	121.79
2055	83.05	96.96	120.14		2055	89.60	101.57	121.90
2056	83.15	97.07	120.32		2056	89.69	101.67	122.00
2057	83.25	97.18	120.48		2057	89.78	101.77	122.18
2058	83.35	97.28	120.62		2058	89.87	101.87	122.35
2059	83.45	97.39	120.75		2059	89.96	101.96	122.50

Table 13. -- Period Life Endurcncies at Selected Survival Rates,  
by Sex and Calendar Year

<u>Sex and Survival Rate</u>							
<u>Male</u>				<u>Female</u>			
<u>Calendar</u> <u>Year</u>	<u>.5</u>	<u>.1</u>	<u>.00001</u>	<u>Calendar</u> <u>Year</u>	<u>.5</u>	<u>.1</u>	<u>.00001</u>
2060	83.54	97.50	120.87	2060	90.05	102.07	122.64
2061	83.64	97.60	120.98	2061	90.14	102.18	122.76
2062	83.74	97.70	121.15	2062	90.23	102.28	122.87
2063	83.84	97.80	121.32	2063	90.32	102.39	122.97
2064	83.94	97.90	121.48	2064	90.40	102.49	123.13
2065	84.04	98.00	121.62	2065	90.49	102.59	123.31
2066	84.13	98.11	121.75	2066	90.58	102.69	123.46
2067	84.23	98.22	121.87	2067	90.66	102.79	123.60
2068	84.32	98.33	121.98	2068	90.75	102.89	123.72
2069	84.42	98.43	122.14	2069	90.84	102.98	123.84
2070	84.52	98.54	122.32	2070	90.92	103.09	123.94
2071	84.61	98.64	122.47	2071	91.01	103.20	124.06
2072	84.71	98.74	122.61	2072	91.09	103.30	124.24
2073	84.80	98.84	122.74	2073	91.18	103.41	124.40
2074	84.90	98.94	122.86	2074	91.26	103.51	124.54
2075	84.99	99.04	122.97	2075	91.34	103.61	124.67
2076	85.09	99.15	123.12	2076	91.43	103.71	124.79
2077	85.18	99.26	123.30	2077	91.51	103.81	124.90
2078	85.27	99.36	123.45	2078	91.59	103.91	124.99
2079	85.36	99.47	123.59	2079	91.67	104.00	125.17
2080	85.46	99.57	123.72	2080	91.76	104.11	125.33