

SOCIAL SECURITY AREA  
POPULATION  
PROJECTIONS,  
1985

ACTUARIAL STUDY NO. 95  
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## FOREWORD

Actuarial Study No. 95 describes the population projections that underlie the long-range cost estimates for the Old-Age, Survivors, and Disability Insurance System, which are included in the 1985 Report of the OASDI Board of Trustees to Congress.

The reader should be aware that the population projections differ from those published by the Bureau of the Census. The projections prepared by the Bureau of the Census are generally for only the United States including armed forces overseas. Those prepared by the Office of the Actuary also include Puerto Rico, Guam, American Samoa, the Virgin Islands, and other U.S. citizens living abroad. In addition, the assumptions used by the Bureau of the Census in making population projections are not exactly the same as the assumptions used by the Office of the Actuary.

The reader should also be aware that the historical populations presented in this study include varying geographical regions and population subgroups and, therefore, may not be consistent with one another.

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## A. 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 provide fundamental financial guidelines in the policy making process for OASDI.

The initial step in the estimating process is to project the number of people in the geographical areas covered by OASDI for each of the next 75 years. This study provides further details about the population projections used in preparing the 1985 Annual Report of the OASDI Board of Trustees. The population projections were also used in estimating the future financial status of the Hospital Insurance (HI) program as described in the 1985 Annual Report of the HI Board of Trustees. The population projections described in this study supersede those published in Actuarial Study Number 92, which were used in the preparation of the 1984 Annual Reports. These new projections start from the July 1, 1983 population; reflect more recent data on fertility, mortality, marriage, and divorce; and revise the projections of mortality, fertility, net immigration, divorce, and marriage. Considerably more detail than is published here is available from the Office of the Actuary, upon request.

Because eligibility for many categories of OASDI benefits depends on marital status, the population is projected by marital status, as well as by age and sex. The projections start from a recent estimate of the population in the Social Security Area by age, sex, and marital status and from a recent estimate of existing marriages by age of husband and age of wife. Three separate projections, denoted Alternatives I, II, and III, are developed by analyzing historical data and making three different sets of assumptions about future net immigration, birth rates and death rates.

Alternative II, also referred to as the intermediate projection, is based on assumptions that are thought to be the most likely to occur among the three sets presented. Alternative I is designated as optimistic since among the three projections the assumptions selected produce the most favorable financial effect for OASDI. Conversely, the assumptions chosen for Alternative III, designated pessimistic, produce the most unfavorable financial effect. Alternatives I and III are designed to give policy makers a sense of the variability inherent in the financial projections.

## B. STARTING POPULATION

The starting population for the projections was the estimated population in the Social Security Area as of July 1, 1983, by single year of age, sex, and marital status. The components of the Social Security Area and the estimated population of each component (in thousands) are as follows:

Residents of the fifty States and D.C. and armed forces overseas.....	234,496
Adjustment for net census undercount.....	3,985
Civilian residents of Puerto Rico.....	3,262
Civilian residents of the Virgin Islands.....	104
Civilian residents of Guam.....	108
Civilian residents of American Samoa.....	35
Federal civilian employees overseas.....	42
Dependents of Armed Forces and Federal employees overseas.....	508
Crew members of merchant vessels.....	15
Other citizens overseas.....	511
Total.....	243,066

The estimate of the number of residents of the fifty States and D.C. and Armed Forces overseas by sex for single years of age through 84, and the age group 85 and over as of July 1, 1983, was obtained from Current Population Reports, Series P-25, No. 949, published by the Bureau of the Census. The numbers of persons in the other components of the Social Security Area were estimated by sex for single years of age through 84, and the age group 85 and over from data of varying detail. The latest unpublished Bureau of the Census estimates of the net 1980 census undercount assuming 3.5 million illegal immigrants were used in determining the adjustment for net census undercount. The numbers of civilian residents of Puerto Rico, the Virgin Islands, Guam, and American Samoa were estimated from data obtained from the Bureau of the Census. The numbers of Federal civilian employees and of armed forces overseas were estimated from data supplied by the State Department. The number of crew members of merchant vessels was estimated from data obtained from the Maritime Administration. The number of other citizens overseas covered by Social Security was estimated from data supplied by the State Department. The overlap among the components, believed to be small, was ignored. The age distribution of those aged 85 and over in the starting population was assumed to be the same as that in the population enrolled under the Medicare program as of January 1, 1983.

The distribution of the starting population by marital status (never married, currently married, currently widowed, and currently divorced) was estimated by age and sex from data published by the Bureau of the Census in Current Population Reports, Series P-20, No. 389. A distribution of starting married population by age of husband crossed with age of wife was estimated from data published by the Bureau of the Census in the 1970 Census of Population Subject Report on Marital Status No. PC(2)-4C. The distribution as shown in the 1970 census was adjusted to represent 1983 by



an iterative proration method designed to assure consistency with the previously estimated starting married population by age and sex. Table 1 shows the starting population in the Social Security Area by age group, sex, and marital status. Table 2 shows the starting married population by age group of husband crossed with age group of wife.

## C. ANALYSIS AND PROJECTION OF COMPONENTS OF POPULATION CHANGE

In attempting to estimate net immigration and numbers of births, deaths, marriages, and divorces in future years, it is instructive to review and analyze historical trends. Since the actual numbers of births, deaths, marriages, and divorces depend on the size of the population, it is better to analyze them as rates rather than as absolute numbers. A rate is defined as the ratio of the number of occurrences of an event during a year to the mid-year population having the potential to experience the event. Because death rates vary significantly by sex, they are calculated for males and females separately. Because rates of birth, death, marriage, and divorce vary greatly by age, they are calculated on an age-specific basis (each age or age group separately) rather than on a crude basis (all ages combined). Although calculating the rates on an age-specific basis improves accuracy, it also yields an over-abundance of figures for any one year. Thus in order to study trends through time, it becomes helpful, if not necessary, to use a single statistic that summarizes the age-specific rates for each year.

### 1. Fertility

Age-specific birth rates are defined as the births during the year to mothers at the specified age divided by the mid-year female population at that age. Birth rates for women at each age 14 through 49 were obtained from the National Center for Health Statistics for each year 1917 through 1980. To summarize the fertility experience for a single year, total fertility rates were used. The total fertility rate is a simple sum of the age-specific birth rates applicable during the year. Thus the total fertility rate can be interpreted as the number of children that would be born to a woman if she were to survive her childbearing years and were to experience those age-specific birth rates throughout her childbearing years.

As a first step in projecting fertility, it is instructive to examine the recent history of fertility in the United States. During the period 1917 to 1925, the total fertility rate was more than three children per woman. During the period 1924 to 1933 the total fertility rate declined from 3.1 to 2.2 children per woman, and then remained level at 2.1 to 2.2 children per woman through 1940. During the next 20 years, the total fertility rate increased unsteadily to more than 3.6 children per woman. Throughout the 1960's and early 1970's, the total fertility rate declined steadily to a low point of 1.7 in 1976. Since then, the total fertility rate has been about 1.8 children per woman.

We believe that the total fertility rate will eventually increase above the present low level, but that it will not return to the high levels observed during the late 1940's, the 1950's, and the early 1960's. We believe that the total fertility rate will ultimately exceed the present low level because such a total fertility rate has never been experienced in the United States over a long period of time and because such a level is below that needed to maintain the size of the population in the absence of increased net immigration. A rate of 2.1 would result in a nearly constant population if net immigration were equal to zero and if mortality rates were constant at levels close to current U.S. experience. We believe that the total

fertility rate will not return to the high levels observed in the past because of the increased availability and use of birth control methods, changes in the roles of women in our society, the increased prevalence of divorce, the increased postponement of marriage among young women, and the shift in the perception of the status of children within their families from economic assets to economic liabilities. Recent birth expectation surveys, such as that published by the Bureau of the Census in the Current Population Reports, Series P-20, No. 395, are consistent with a long-range assumption for the total fertility rate in the neighborhood of 2.0-2.1 children per woman. Thus, an ultimate total fertility rate of 2.0 children per woman was selected as the intermediate (Alternative II) assumption for the 1985 Report of the Board of Trustees.

To help in selecting ultimate rates for Alternatives I and III, an examination of the recent total fertility rates in other nations is useful. A comparison of the total fertility rates in 1976 in the U.S., Canada, and fifteen countries in Western Europe revealed a range of 3.5 in Ireland to 1.5 in West Germany. The U.S. ranked eighth with 1.74. Four of these countries had a total fertility rate over 2.3 and two countries had a total fertility rate under 1.6. For reasons already cited, we do not believe that the total fertility rate for the U.S. will return to such a level as high as 3.5, and have selected 2.3 as the optimistic (Alternative I) assumption. It is plausible that the total fertility rate could be as low as 1.6 children per woman over a long period of time. Thus, we have selected 1.6 as the pessimistic (Alternative III) assumption. The ultimate values selected for the 1985 Trustees Report compare closely with those used by the Bureau of the Census in its latest series of population projections, published in Current Population Reports, Series P-25, No. 952. The Bureau of the Census used a range of 1.6 to 2.3, with an intermediate assumption of 1.9. The ultimate total fertility rate for each alternative was assumed to be first reached in calendar year 2009.

Total fertility rates for 1981 through 1984 were estimated from provisional data published by the National Center for Health Statistics in Monthly Vital Statistics Reports, Volumes 30 through 33. Between 1984 and 2009, the age-specific birth rates were projected separately for each cohort of women such that the completed cohort fertility rate would gradually approach the assumed ultimate total fertility rate. Table 4 gives past and assumed total fertility rates by alternative. Chart 1 gives past and assumed total fertility rates for 1920-2080. Tables 3a, 3b, and 3c give the assumed age-specific birth rates by alternative for selected calendar years.

## 2. Mortality

Death rates are defined as the number of deaths during the year divided by the mid-year population. These rates were calculated by sex on an age-specific basis for each year 1900 through 1981. To summarize the mortality experience of a single year and to control for changes in the age distribution of the population from year to year, age-adjusted death rates (as shown in Table 7a) were calculated as a weighted average of the age-specific death rates, where the weights were the number of people in the

corresponding age groups of the 1970 U.S. census population. Thus, if the age-adjusted death rate for a particular year and sex is multiplied by the 1970 U.S. census population, the result gives the number of deaths that would occur in the 1970 U.S. census population in a year if the age-specific death rates for that particular year and sex were to be experienced. The age-adjusted death rate is, therefore, equivalent to the crude death rate that would be experienced in the 1970 U.S. census population.

An examination of the age-adjusted death rates since 1900 reveals four distinct periods of mortality reduction. During the period 1900 to 1936, annual mortality reduction averaged about 0.9 percent for males and 1.0 percent for females. Following this was a period of rapid reduction, 1936-1954, in which mortality decreased an average of 1.7 percent per year for males and 2.6 percent for females. The period 1954 to 1968 saw an actual increase for males of 0.1 percent per year and a much slower reduction of 0.8 percent per year for females. From 1968 through 1981 rapid reduction in mortality resumed averaging 1.8 percent for males and 2.2 percent for females, annually. Provisional statistics for 1982 show greater mortality reduction from the 1981 level than the average experienced during 1968 through 1981 while partial statistics for 1983 show only a slight reduction from the 1982 level.

Age-sex-adjusted death rates are often calculated when one is interested in summarizing death rates for both sexes combined. Age-sex-adjusted death rates (as shown in Table 7b) were calculated as a weighted average of the age-sex-specific death rates where each weight was the number of people in the corresponding age and sex group of the 1970 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, death rates for the years 1968 through 1981 were calculated and analyzed by age group and sex for ten groups of causes of death. These groups are as follows:

- I. Diseases of the Heart (Ninth Revision of the International List of Diseases and Causes of Death code numbers 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

For the years 1968-1981, death rates for ages under 65 by age group, sex, and cause of death were calculated using the numbers of deaths as tabulated in Vital Statistics of the United States and using the latest census estimates of the resident population as published in the P-25 Series of Current Population Reports. For the years 1968 through 1978, an adjustment was made to the distribution of the numbers of deaths among the ten causes. This adjustment was needed in order to reflect the revision in the cause of death coding that occurred in 1979, thereby making the data for the years 1968 through 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 in Monthly Vital Statistics Report, Volume 28, Number 11. For the ages 65 and over, records of the Medicare program were used to determine rates by age and sex. The numbers of deaths by cause in Vital Statistics of the United States were used to distribute the age-sex specific death rates for ages over 65 into age-sex-cause specific death rates. A detailed analysis of Medicare mortality statistics and a comparison to the statistics provided by the National Center for Health Statistics is contained in "Recent Trends in the Mortality of the Aged" by John C. Wilkin in the Transactions of the Society of Actuaries, Volume XXXIII.

Average annual reductions in mortality were determined for the period 1968-1981 by age group, sex, and cause of death. The results, shown in Table 5, were calculated as the complement of the exponential of the slope of the least-squares line through the logarithms of the death rates. The sharpest reductions were in the category of Congenital Malformations and Diseases of Early Infancy and the category of Vascular Disease, averaging 4 1/2 to 5 1/4 percent per year. Diabetes Mellitus averaged about 3 1/4 percent reduction per year. Averaging 2 to 2 1/2 percent average reduction per year were Heart Diseases, Digestive Disease, and Violence. At about 1 1/2 percent average reduction per year were Respiratory Disease and Cirrhosis of the Liver, while the residual group of other Causes averaged about 1/4 percent reduction per year. Malignant Neoplasms was the only cause from the above group for which mortality increased during this period, increasing at about 1/2 percent per year.

Future improvements 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, and changes in our conception of the value of life. After considering how these and other factors might affect

mortality, we postulated three alternative sets of ultimate annual percentage reductions in death rates by sex and cause of death for the years 2009 and later. These ultimate annual percentage reductions are as follows:

Assumed Ultimate Annual Percentage Reductions in  
Death Rates by Alternative, Sex, and Causes

Alternative and Sex	I	II	III	IV	V	VI	VII	VIII	IX	X
Alternative I										
Male	0.5	0.0	0.7	0.1	0.1	0.7	0.3	0.2	0.1	0.0
Female	0.5	0.0	0.7	0.1	0.1	0.7	0.3	0.2	0.1	0.0
Alternative II										
Male	0.7	0.2	1.0	0.2	0.1	1.0	0.6	0.4	0.2	0.2
Female	0.7	0.3	1.0	0.2	0.2	1.0	0.6	0.5	0.2	0.2
Alternative III										
Male	1.0	1.2	1.3	0.3	0.4	1.5	1.0	0.8	0.4	0.4
Female	1.0	1.5	1.5	0.4	0.5	1.5	1.0	1.0	0.4	0.4

Future reductions for those under 65 are projected to be relatively small compared with past reductions because very little additional improvement in infectious diseases (such as poliomyelitis and influenza) is possible and because only a small reduction in mortality from violent causes (accidents, suicide, and homicide) is expected. 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). The gap between male and female mortality is expected to continue widening, but at a decreased rate as women become increasingly subject to many of the same environmental hazards and social pressures as men. After adjustment for changes in the age and sex distribution of the population, Alternative II mortality is projected to decrease at an average rate of about 0.6 percent per year during the period 1983-2060. This is about half the average annual reduction observed during 1900-1983. During the period 1983-2060, Alternative I mortality is projected to reduce by about one-fourth the average rate observed during 1900-1983, while for Alternative III mortality, the average annual reductions during these two periods are almost the same.

Death rates by age group, sex, and cause of death for 1982 were estimated from provisional data published by the National Center for Health Statistics in Monthly Vital Statistics Reports, Volume 31. Death rates for 1983 were assumed to change from 1982 by amounts estimated from data published in Monthly Vital Statistics Reports, Volume 32. Death rates were projected by age group, sex, and cause of death from their estimated 1983 levels by applying annual percentage reductions. The annual reductions applied to obtain the 1984 levels were 50 percent, 100 percent, and 150 percent of the

average annual reductions during 1968-1981 <sup>1/</sup> for Alternatives I, II, and III, respectively. The annual reductions assumed to apply during 1984-2008 were calculated by a logarithmic formula designed to gradually transform the reductions applied to obtain the 1984 levels into the postulated ultimate annual reductions. The ultimate reductions were assumed to apply during 2009-2080. Tables 6a, 6b, and 6c give the resulting death rates by age group, sex, and alternative for selected years.

Tables 8a and 8b give the resulting life expectancies for males and females at birth and at age 65, respectively, for historical years and by alternative for selected future years. Life expectancy for any year is the number of years of life remaining for a person who is assumed to experience the death rates by age observed in or assumed for the selected year. Thus, the life expectancies present in Table 8a are summary statistics of the overall mortality for the applicable calendar year. Similarly, the life expectancies in Table 8b summarize the mortality at ages 65 and older for the applicable calendar year.

Chart 2 is a graph of the past and projected life expectancies of males and females at birth from 1900 to 2080 by alternative. Rapid gains in expectancy at birth 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 birth remained level, while female life expectancy at birth increased moderately. During the 1970's rapid gains resulted for both males and females. Under all three alternatives, the life expectancy at birth is projected to increase. For males, the life expectancy at birth increases from 71.1 years in 1983 to 74.7 years, 77.9 years, and 84.0 years in 2080 under Alternatives I, II, and III, respectively. This represents an increase ranging from 3.6 years to 12.9 years. For females the increase ranges from 3.7 years to 13.7 years over the 78.3 years in 1983, to 82.0 years, 85.7 years, and 92.0 years in 2080 under Alternative I, II, and III, respectively. The difference between male and female life expectancies is projected to increase from 7.2 years in 1983 to 7.3 in 2080 under Alternative I, to 7.8 under Alternative II, and to 8.0 under Alternative III.

Life expectancy at age 65 for males increased from 11.35 years in 1900 to 14.25 years in 1981, while life expectancy at age 65 for females increased from 12.01 years to 18.59 years. The life expectancy for males at age 65 is projected to increase from 14.5 years in 1983 to 16.5 years, 18.6 years, and 23.3 years in 2080 under Alternatives I, II, and III, respectively. This represents an increase ranging from 2.0 years to 8.8 years. For females the increase ranges from 2.8 years to 10.5 years. The female age 65 life expectancy is projected to increase from 18.8 years in 1983 to 21.6 years, 24.4 years, and 29.3 years under Alternatives I, II, III, respectively. It is interesting to note that the difference in life expectancy between

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<sup>1/</sup> The average annual reductions for the "All Other" category for age 0 were calculated using the period 1974-1981, rather than 1968-1981. This was done because of a distinct shift in the earlier trend that occurred in 1974, making the earlier data inappropriate for this category.

females and males at age 65 has increased from .66 years to 4.34 years between 1900 and 1981. The sex gap in life expectancy at age 65 is projected to increase to 5.1, 5.8, and 6.0 years by 2080 under Alternatives I, II, and III, respectively.

Although a complete projection of age-sex-specific death rates was not done for each marital status, historical data indicated that the differential in mortality by marital status is important. Thus, future relative differences in death rates by marital status were projected based on recent experience during calendar years 1980 and 1981. Death rates for this period are shown in Table 9. These rates were calculated using deaths as tabulated from the 1980 and 1981 Mortality Cause-of-Death Summary Public Use Data Tapes available from the National Center for Health Statistics and population distributions as published in Current Population Reports, Series P-20 and P-25, by the Bureau of the Census.

### 3. Net Immigration

Immigration was once a very important element in the growth of the United States population. During calendar years 1904 through 1913 for example, immigration averaged nearly one million per year, which represented quite sizeable percentage increases in the United States population. Immigration decreased greatly during World War I and following the adoption of quotas based on national origin in 1921. The economic depression in the 1930's caused an additional but temporary decrease, which resulted in more emigration than immigration. Annual immigration increased after World War II to around 300,000 persons per year and stayed at that level through the 1950's and into the 1960's. With the Immigration Act of 1965 and other related changes, annual immigration increased to about 400,000. During the last four years of available data (1978-1981), however, immigration has averaged approximately 550,000 per year. Although statistics on emigration are sparse and largely estimated (see, "Foreign-Born Emigration From the United States: 1960 to 1970" by Warren and Peck in Demography, February 1980), they suggest that annual emigration has been over 100,000.

In deciding upon the annual net immigration (excess of immigration over emigration) to be assumed for future years, the question of making some provision for persons entering the United States illegally arises. Illegal aliens are included in our starting population, consistent with the official policy of the Bureau of Census to enumerate or to include in the estimated undercount all persons residing in the U.S., whether legally or illegally. Illegal immigration seems to explain in part the "error of closure" that was evidenced in the 1980 census. The 1980 census enumerated about 5.5 million more persons than were previously estimated for April 1, 1980. We have decided, however, not to include in our projections aliens who may enter the United States illegally after July 1, 1983, largely because no reliable estimate of their exact number exists. Part of the problem in analyzing net illegal immigration is that many illegal aliens tend to stay in the United States temporarily rather than permanently, as they frequently return to families in their native countries.



For the 1985 Report of the Board of Trustees, net immigration is assumed to be 700,000, 500,000, and 300,000 persons per year for Alternatives I, II and III, respectively. The assumptions selected for Alternatives I and II assume refugees will be admitted periodically, over and above the annual quotas provided in present law. The age-sex distribution of the assumed net annual immigration was based on data supplied by the Immigration and Naturalization Service on immigration during the 1970's. An error in the age-sex distribution was present in the 1983 and 1984 population projections prepared by our office. This error was corrected in the 1985 projections and the resulting age-sex distributions for the three Alternatives are shown in Table 10.

#### 4. Marriages

Because marriage is the combination of a male and a female into a couple, marriage rates can be computed as a ratio of the number of marriages to (1) the number of nonmarried males (not taking into account the number of nonmarried females), (2) the number of nonmarried females (not taking into account the number of nonmarried males), or (3) a theoretical number of nonmarried couples that takes into account both the number of nonmarried males and nonmarried females. The marriage rates referred to in this study are computed using the third concept of a theoretical number of nonmarried couples as the denominator. The rates were computed as the number of marriages for given ages of husband and wife divided by the square root of the product of the mid-year nonmarried males and nonmarried females of the given ages.

In order to calculate these rates, data on new marriages in the Marriage Registration Area (which in 1978 consisted of 41 States and D.C. and accounted for about 80 percent of all marriages in the U.S.) were obtained from the National Center for Health Statistics for calendar years 1957 through 1981 by age of husband crossed with age of wife. Estimates of the nonmarried population in the Marriage Registration Area were obtained from the National Center for Health Statistics and from the Bureau of the Census by age group and sex.

The number of marriages depends upon the age distribution of both the nonmarried male population and the nonmarried female population. Thus, an acceptable summary statistic could be calculated by age-adjustment to a set of standard nonmarried populations. When only one population is involved (as in calculating death rates), equal results are obtained by viewing the age-adjusting concept as the weighted average of the age-specific rates or as the crude rate that would occur in the standard population. When two populations are involved (as in calculating marriage rates), these two concepts do not produce the same results. In either case, the number of marriages that would occur in the standard population is first calculated by applying the age\*of\*husband-age\*of\*wife-specific marriage rates to the square root of the product of the corresponding standard age-specific populations. The weighted average of the rates is obtained by dividing the resulting total number of marriages by the sum of all of the factors to which the marriage rates were applied, while the crude rate is obtained by dividing the total number of marriages by the square root of the product of

the total male nonmarried population and the total female nonmarried population. In this study we have calculated rates for the years 1957 through 1981 under the latter concept, i.e., the crude rate that would be experienced in the standard population, which we express per hundred thousand nonmarried of each sex. Table 13 displays the age-adjusted marriage rates for each year during the period 1957 through 1981. The total rates ranged from a high in 1968 of 9,822 per hundred thousand nonmarried persons of each sex to a low in 1981 of 5,867. The total age-adjusted rate remained relatively constant during the late 1950's and throughout the 1960's. A major decrease in the total age-adjusted rate was experienced during the 1970's with the largest part of the decrease attributable to the age groups 14-19 and 20-24.

Because we are uncertain whether marriage rates will increase or decrease, we assumed that future rates of marriage would remain at the same level as observed during the 12 months ending with June 1984. The age\*of\*husband-age\*of\*wife-specific rates observed in 1979 and 1981 were averaged and adjusted to this level. These rates for five-year age groups are shown in Table 11. Of course, use of constant age-specific rates does not imply that the crude rate of marriage in the projected population remains constant.

Although a complete projection of age\*of\*husband-age\*of\*wife-specific marriage rates was not done for each previous marital status, experience data indicated that differential in marriage rates by previous marital status is important. Future relative differences in marriage rates by previous marital status were assumed to be the same as the average of those experienced during 1979 and 1981. These rates were obtained from unpublished data supplied by the National Center for Health Statistics, which with slight modifications are given in Table 12.

## 5. Divorce

The unavailability of data for an acceptable representative statistic for divorces precluded us from effectively studying past trends in divorce. Hence we assumed that future age\*of\*husband-age\*of\*wife-specific rates of divorce would remain at about the same level as recently observed. Of course, this does not imply that the crude rate of divorce in the projected population remains constant.

Data on divorces (including annulments) in the Divorce Registration Area during calendar years 1979 and 1981 by age group of husband crossed with age group of wife were obtained from the National Center for Health Statistics. For each calendar year 1979 and 1981, the divorces occurring in the Divorce Registration Area (which in 1978 consisted of 29 States and accounted for about 60 percent of all divorces in the U.S.) were inflated to represent the Social Security Area, based on the total number of divorces during the corresponding calendar year in the 50 States, District of Columbia, Puerto Rico, and the Virgin Islands. Divorce rates for each age group of husband crossed with each age group of wife were then calculated as the ratio of the number of divorces in the Social Security Area for couples within the given ages of husband and wife to the number of existing marriages in the Social Security Area within the given ages of husband and wife. The resulting rates for 1979 and 1981 were averaged and then adjusted to the level observed during the 12 months ending with June 1984. The final rates are shown in Table 14.

## D. METHODS

### 1. Probabilities of Survival

Earlier in this study, death rates (generally referred to as central death rates) have been calculated as the number of deaths occurring in a given year divided by the mid-year population in that year. This concept is a useful one in the context of analyzing historical trends, but is not so readily applicable to the actual projection of population. What is more suitable is the concept of probability of death (or of survival). This concept involves dividing the number of deaths occurring to a group in a given year by the number of persons in that group at the beginning of the year (rather than the population at the middle of the year). As one would expect, these two concepts are closely related, although the mathematics of their relationship is not trivial.

Future probabilities of survival by age last birthday were calculated for each sex and each single year of age from the projected central death rates by sex and age group. The probability of death at age 0 ( $q_0$ ) was calculated from the population central death rate for age 0 and the relationship between the probability of death and the central death rate that existed in 1981. For each single year of age 1 through 4, the probability of death was calculated from the population central death rate for age 1 through 4 ( ${}_4m_1$ ) and the relationships that existed in 1981. Probabilities of death at ages 5 and older were calculated by an iterative method. As a first approximation, the probability of death for each five-year age group from 5-9 to 90-94 was calculated from the corresponding central death rate using the same method Greville used in constructing the 1959-61 United States Life Tables. As part of the iterative process, the probability of death for each single age in each five-year age group was determined by interpolating the logarithms of the complements of the surrounding five-year probabilities of death with Beer's minimized fifth-difference formula. The probability of death for each age 95 and over was calculated to produce a rapid decline in the ratio of succeeding probabilities of death to a minimum ratio of 1.05 for females and 1.04 for males. These ratios were chosen based on the analysis by Francisco R. Bayo and Joseph F. Faber contained in the paper "Mortality Experience Around Age 100," in the Transactions of the Society of Actuaries, Volume XXXV. A life table for each sex was then constructed using these probabilities of death. On subsequent iterations, the life table probability of death for each age 5 through 94 was adjusted so that the central death rates for the five-year age groups obtained by weighting the single age life table central death rates by the population would equal the corresponding population five-year age group central death rates. This adjustment corrects for the fact that the distribution within each quinquennial age group in the life table population generally differs from that in the actual population. For more detail on the method used to produce the life tables for these population projections see Actuarial Study No. 89, "Life Tables For The United States: 1900-2050" by Joseph F. Faber and Alice H. Wade.

For those born during the year, the probability of survival to the end of the year was calculated as the ratio of the stationary population between ages 0 and 1 ( $L_0$ ) to the number of new births ( $l_0$ ). For each age 0 to 99, the probability of survival to the next age was calculated as the ratio of the stationary population at the succeeding age ( $L_{x+1}$ ) to the stationary population at the age ( $L_x$ ). For the group aged 100 and over, the probability of survival for one year was calculated as the ratio of the stationary population at ages 101 and over ( $T_{101}$ ) to the stationary population at ages 100 and over ( $T_{100}$ ).

## 2. Probabilities of Marriage and Divorce

Probabilities of marriage were calculated for each age of husband crossed with each age of wife from the average of the marriage rates for calendar years 1979 and 1981 so as to reproduce a provisional estimate of the number of marriages in the Social Security Area from July 1, 1983 to July 1, 1984. The calculation was necessarily iterative, because the probability of marriage to a partner at a given age is dependent upon the probabilities of marriage to partners of other ages. Probabilities of divorce were calculated for each age of husband crossed with each age of wife from the average of the divorce rates for the calendar years 1979 and 1981 so as to reproduce a provisional estimate of the number of divorces in the Social Security Area from July 1, 1983 to July 1, 1984. The provisional estimates of marriages and divorces were developed from data published by the National Center for Health Statistics in Monthly Vital Statistics Reports, Volume 33.

## 3. Deaths

The number of deaths occurring at each age and sex was calculated as the difference between the number of people alive at the beginning of the year and the product of the number of people alive at the beginning of the year and the probability of survival. Deaths to new born babies were computed using a similar formula. However, deaths to immigrants newly arriving in the year were disregarded. The numbers of deaths were then distributed by marital status in the same proportions as would have been produced by applying the marital-status specific probabilities of survival to the population by marital status at the beginning of the year. Projected numbers of deaths are given in Table 15 by alternative.

## 4. Marriages

The number of marriages occurring at each age of husband crossed with each age of wife was calculated iteratively as the product of the probability of marriage and the square root of the product of the male population exposed to marriage and the female population exposed to marriage. (The male population exposed to marriage was approximated as the nonmarried male population of the given age at the beginning of the year less one-half of all marriages to females of ages other than the given age of the female. The female population exposed to marriage was approximated similarly). The numbers of marriages were then distributed by previous marital status in the

same proportions as would have been produced by applying the previous-marital-status-specific marriage rates to the population by marital status at the beginning of the year. Projected numbers of marriages are given in Table 15 by alternative.

#### 5. Widowings

The number of marriages dissolved by death at each age of husband crossed with each age of wife was calculated by applying joint-life probabilities of death to the existing marriages by age of husband crossed with age of wife at the beginning of the year. (The joint-life probabilities were developed to be consistent with the projected death rates and the assumed mortality differential by marital status, and assumed independence of the partners). The number of widowings for a particular age and sex was calculated as the difference between the marriages of individuals of that particular age and sex dissolved by death of either partner and the number of deaths to married persons of that age and sex. Projected numbers of widowings are given in Table 15 by alternative.

#### 6. Divorces

The number of marriages dissolved by divorce at each age of husband crossed with each age of wife was calculated by applying probabilities of divorce to the existing marriages by age of husband crossed with age of wife at the beginning of the year. Projected numbers of divorces are given in Table 15 by alternative.

#### 7. Net Immigration

The assumed net immigration for each age and sex was distributed among the single (never married), widowed, and divorced populations in the same proportions as existed in the nonmarried population at the beginning of the year. None of the immigrants during the year were assigned to the married population because of the relatively small numbers involved and because of the lack of information of age of spouse.

#### 8. End-of-Year Population

The single (never married) population at the end of the year for each age and sex was calculated from the single population at the beginning of the year by subtracting the deaths and marriages during the year, and adding the net immigration of single persons. The married population at the end of the year was calculated from that at the beginning of the year by subtracting the deaths and divorces, and adding the marriages. The widowed population at the end of the year was calculated by subtracting the deaths and marriages, and adding the widowings and net immigration. The divorced population at the end of the year was calculated by subtracting the deaths and marriages, and adding the divorces and net immigration.

The existing marriages at the end of the year by age of husband crossed with age of wife were calculated from the existing marriages at the beginning of the year by subtracting the marriages dissolved by death and those dissolved by divorce and adding the new marriages during the year. The methods used assured consistency between the married population by age and sex at the end of the year and the existing marriages at the end of the year.

#### 9. Births

Birth rates covering July 1 to June 30 were approximated from those covering January 1 to December 31 by linear interpolation. These rates were then applied to the average of the beginning-of-year and end-of-year female populations to calculate births during the year. Projected numbers of births are given in Table 15 by alternative.

## E. RESULTS

### 1. Total Population

Tables 18a-18h, 19a-19h, and 20a-20h give projections of the Social Security Area population by age group, sex, marital status, and alternative for selected years. Tables 17a-17e give similar figures for historical years. The past and projected total population is shown graphically in Chart 3. Under Alternative I (with greater-than-replacement fertility), the total population increases rapidly from 243 million in 1983 to 469 million in 2080. Under Alternative II, the total population increases gradually to 342 million in 2080 as a 2.0 total fertility rate plus 500,000 annual net immigrants are slightly more than enough to replenish the population. Under Alternative III, the total population increases to 283 million in 2022 and then decreases to 225 million in 2080. The decline in population size after 2022 is due to the compounding effect of below-replacement fertility which is only partially offset by the positive net immigration.

The proportion of the population which is single in 2080 is projected to be 43 percent (the same as it was in 1983) under Alternative I, to decrease to 38 percent under Alternative II, and to decrease to 30 percent under Alternative III, reflecting differences in the age distribution of the population among the three alternatives. The proportion married is projected to change from 46 percent in 1983 to 44, 47, and 52 percent in 2080, under Alternatives I, II, and III, respectively. The proportion widowed in 2080 is projected to change from 6 percent in 1983 to 7 and 9 percent, under Alternatives II and III, respectively, and to remain at 6 percent under Alternative I. The current high incidence of divorce, which is assumed to continue in the future, causes the proportion divorced to increase greatly from 5 percent in 1983 to 7 percent under Alternative I, to 8 percent under Alternative II, and to 9 percent under Alternative III in 2080.

### 2. Aged Population

A rough estimate of the growth in the number of persons receiving Social Security retirement benefits can be obtained from examining the age 65-and-over population given in Tables 16a-16c. The projected population at ages 65 and older is also shown graphically in Chart 4. The growth in the number of people age 65 and older slows down around the year 2000 due to the low fertility experience during the 1930's. This slowing down is not as great under Alternatives II and III because assumed mortality reductions are greater than under Alternative I. The high fertility of the 1950's and 1960's results in sharp steady growth in the 65-and-over population throughout the period 2010-2030 under all of the alternatives. By the year 2080, the 65-and-over population as a percentage of total population increases significantly from 11 percent in 1983 to 17 percent under Alternative I, 22 percent under Alternative II, and 35 percent under Alternative III.

### 3. Demographic Indicators

The projected population is summarized by broad age group and alternative for selected years in Table 16. The broad age groups are under 20, 20 to 64, and 65 and over. Tables 16a-16c also summarizes the projected total population by marital status.

The aged dependency ratio given in Tables 16a-16c is the ratio of the number of persons aged 65 and over to the number of persons aged 20 to 64. This ratio is closely related to the ratio of retirees to workers and, thus, provides an index of possible future demographic pressures which may be faced by Social Security. Under Alternative I, the aged dependency ratio is projected to increase from .196 in 1983 to .344 in the year 2031 and then to decrease to an ultimate level of about .305. Under Alternative III, the aged dependency ratio is projected to increase to .410 in 2036 and then to stay around that level. Under Alternative III, the aged dependency ratio is projected to increase throughout the entire projection period to .711 in the year 2080. A sharp increase in the aged dependency ratio shortly after the turn of the century appears certain as the baby-boom generation attains age 65 while the baby-bust generation attains age 20. The magnitude of the increase, however, will depend upon future mortality reductions among the aged and future fertility rates. Even under optimistic assumptions, however, the aged dependency ratio will increase 75 percent by the year 2030.

Since not everyone retires at age 65 and since the minimum age at which unreduced benefits are payable is scheduled to increase, it is interesting to observe the aged dependency ratio using cutoff ages other than 65. Table 21 displays these ratios at age 62 when retired worker benefits are first available, at age 67 which will be the normal retirement age (i.e., the minimum age at which unreduced retirement benefits are payable) after 2026, and age 70 after which delayed retirement credits can no longer be earned. In Table 22 the ages necessary to maintain an aged dependency ratio of .20, .25, and .30 are given. In order to maintain an aged dependency ratio of .20 (the approximate age 65 dependency ratio in 1983) the aged dependency ratio in 2080 must be calculated at ages 70, 75, and 83 under Alternatives I, II, and III, respectively. Under all three alternatives, the age necessary to maintain a selected aged dependency ratio increases rapidly from 2010 to 2040.

The total dependency ratio given in Tables 16a-16c is the ratio of the number of persons who are under age 20 or over age 64 to the number of persons aged 20 to 64. This ratio views the possible future financial burdens to be borne by workers from a somewhat broader perspective. Under all three alternatives, the total dependency ratio is projected to decrease from .714 in 1983 until shortly after the turn of the century, reflecting the small number of children resulting from the low fertility rates experienced since 1970 and projected to be experienced in the near future, and the slow growth in the aged population resulting from the low fertility rates experienced during the 1930's. Starting around 2010, the total dependency ratios begin to rise, largely reflecting the same effects that



influence the aged dependency ratios. Projected values of the total dependency ratio in 2080 range from .835 under Alternative I to 1.046 under Alternative III or roughly from 17 to 46 percent higher than the 1983 value.

The disunity ratio given in Tables 16a-16c is the ratio of the number of divorced persons to the sum of the numbers of married and widowed persons. Assuming a continuation of the current high incidence of divorce, this ratio will increase by approximately 45 percent by the turn of the century. Chart 6 compares the distribution of the population by marital status in 1983 with the projected distribution in 2080.

Table 1. July 1, 1983 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18733	9592	9592	0	0	0	9141	9141	0	0	0
5-9	16802	8602	8602	0	0	0	8201	8201	0	0	0
10-14	18273	9340	9339	1	0	0	8933	8928	5	0	0
15-19	19620	10020	9768	239	1	12	9600	8897	669	1	33
20-24	22616	11556	8456	2883	8	210	11060	6306	4318	21	416
25-29	22191	11282	4633	5978	13	658	10909	2963	6993	51	901
30-34	19848	10015	2153	6980	8	873	9833	1352	7329	77	1076
35-39	17260	8671	1013	6785	23	850	8589	670	6688	129	1102
40-44	13791	6880	528	5658	33	661	6911	376	5451	205	880
45-49	11750	5796	389	4813	65	529	5954	283	4689	305	678
50-54	11513	5578	333	4685	110	450	5934	265	4545	543	581
55-59	11814	5634	286	4816	167	365	6181	272	4488	918	503
60-64	11056	5177	256	4394	257	270	5879	267	3864	1350	399
65-69	9047	4018	226	3296	322	174	5029	246	2799	1697	287
70-74	7391	3105	165	2435	393	112	4286	227	1903	1962	194
75-79	5299	2044	81	1511	390	62	3256	187	1030	1932	106
80-84	3419	1162	37	747	347	31	2257	136	503	1561	58
85-89	1781	534	17	257	245	14	1247	75	208	932	32
90-94	674	180	6	59	111	5	495	30	56	397	13
95+	188	45	1	7	36	1	142	9	7	123	4
0-19	73428	37553	37300	240	1	12	35875	35168	673	1	33
20-64	141838	70590	18047	46993	684	4866	71249	12752	48364	3598	6534
65+	27799	11088	533	8311	1844	400	16712	909	6507	8604	693
20-65	143745	71460	18093	47716	743	4907	72285	12801	48982	3904	6598
20-66	145570	72286	18139	48398	805	4944	73284	12849	49558	4220	6657
20-67	147353	73086	18184	49054	869	4978	74267	12898	50104	4552	6713
20-68	149198	73869	18229	49691	937	5011	75330	12950	50674	4934	6771
20-69	150885	74608	18273	50289	1005	5040	76277	12998	51163	5295	6821
66+	25893	10217	486	7588	1784	359	15675	859	5889	8298	629
67+	24068	9392	441	6906	1723	322	14676	811	5313	7981	570
68+	22285	8591	396	6250	1658	288	13694	763	4767	7649	514
69+	20439	7809	350	5613	1591	255	12631	711	4197	7267	456
70+	18753	7070	307	5015	1522	226	11683	663	3708	6906	406
Total	243066	119230	55879	55544	2528	5279	123835	48828	55544	12202	7260

Table 2. July 1, 1983 Existing Marriages in the Social Security Area, by Ages of Husband and Wife

Age of Husband	Age of Wife								
	Total	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
14-19	240274	143540	45275	3612	6027	8752	10022	8759	6452
20-24	2882666	428764	2113644	247515	31531	14708	15783	12015	6991
25-29	5978296	69208	1786180	3541762	423362	91013	33210	13245	5566
30-34	6980406	10910	275940	2546673	3491820	514060	96144	23492	8349
35-39	6785126	6139	59480	486441	2621467	3062234	426924	78619	22310
40-44	5657990	3609	17409	103660	548602	2230316	2259334	369694	77890
45-49	4813186	2988	8543	35683	130814	533051	1817770	1799954	344301
50-54	4685231	2773	4695	13899	44265	148136	543226	1620522	1723058
55-59	4815996	2500	2820	6944	17582	54216	169996	545801	1641771
60-64	4394038	1221	1454	3024	7082	19407	52331	151302	521965
65-69	3296231	560	586	1845	3154	6575	16454	44019	130968
70-74	2434714	331	447	736	1438	2549	5721	13404	38565
75-79	1510906	329	435	520	652	1282	2026	4126	10904
80-84	747014	285	383	431	507	976	1265	2059	3442
85-89	257191	185	260	285	323	612	798	1282	2083
90-94	58539	46	61	67	77	144	186	302	492
95+	6531	9	10	10	10	13	21	36	58
Total	55544335	673397	4317622	6993107	7328713	6688044	5451211	4688631	4545165

Age of Husband	Age of Wife								
	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95+
14-19	3390	1335	798	673	465	757	325	86	6
20-24	3817	3421	1892	1093	564	648	222	58	0
25-29	5004	3885	2713	1392	695	755	251	55	0
30-34	4583	2583	2687	1600	595	675	240	55	0
35-39	9550	4570	2930	2242	847	971	327	73	2
40-44	25755	9460	4748	2201	1949	2349	800	190	24
45-49	92226	28528	10419	4359	1671	2010	689	158	22
50-54	429069	105889	32020	9400	3036	3657	1254	297	35
55-59	1792452	436943	102667	25058	6711	7351	2523	589	72
60-64	1521891	1620957	380898	79323	18065	10553	3612	850	103
65-69	440198	1174653	1126497	273440	53286	16624	5830	1379	163
70-74	114637	351637	830813	834713	185796	36981	13344	3209	393
75-79	32220	89329	231970	518702	477470	94689	36141	8995	1116
80-84	7711	17994	41242	96132	192062	244872	105427	28539	3687
85-89	4485	9866	20913	42432	69810	64849	29490	8396	1122
90-94	1049	2283	4805	9594	15529	13862	7175	2474	393
95+	124	276	575	1136	1808	1287	738	336	84
Total	4488161	3863609	2798587	1903490	1030359	502890	208388	55739	7222

Table 3a. Alternative I Central Birth Rates, by Age and Calendar Year (per thousand women)

Age	Calendar Year													
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1995	2000	2005	2010
14	6.4	6.4	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.2	7.2	7.2	7.2
15	17.1	17.1	16.5	16.8	17.0	17.2	17.4	17.6	17.8	18.0	18.5	19.0	19.5	19.6
16	32.5	32.5	31.4	32.0	32.4	32.7	33.0	33.3	33.6	33.9	35.4	36.4	37.2	37.6
17	52.2	52.1	50.4	51.4	52.0	52.6	53.2	53.7	54.2	54.7	57.0	59.0	60.4	61.1
18	73.3	73.2	70.9	72.2	73.1	73.9	74.7	75.5	76.3	77.0	80.4	83.2	85.4	86.5
19	90.9	90.8	87.9	89.5	90.6	91.7	92.8	93.8	94.8	95.8	100.2	103.9	106.9	108.6
20	104.2	104.0	100.7	102.6	103.9	105.2	106.4	107.6	108.8	110.0	115.3	119.8	123.5	125.7
21	111.3	111.1	107.5	109.6	111.0	112.4	113.8	115.2	116.5	117.8	123.6	128.6	132.7	135.2
22	116.5	116.3	112.6	114.7	116.2	117.7	119.2	120.7	122.1	123.5	130.0	135.5	140.0	142.9
23	119.8	119.6	115.8	118.0	119.6	121.2	122.8	124.4	125.9	127.4	134.3	140.2	145.1	148.3
24	121.7	121.5	117.6	119.9	121.5	123.1	124.7	126.3	127.9	129.5	136.8	143.1	148.3	151.8
25	120.9	120.7	116.8	119.1	120.8	122.5	124.2	125.8	127.4	129.0	136.6	143.2	148.7	152.4
26	117.6	117.4	113.6	115.8	117.5	119.2	120.8	122.4	124.0	125.6	133.3	140.0	145.6	149.4
27	112.4	112.2	108.6	110.7	112.4	114.0	115.6	117.2	118.8	120.4	127.9	134.6	140.3	144.1
28	105.0	104.8	101.4	103.4	105.0	106.6	108.1	109.6	111.1	112.6	119.9	126.4	132.0	135.8
29	95.6	95.4	92.3	94.1	95.6	97.1	98.6	100.0	101.4	102.8	109.7	115.9	121.2	124.9
30	83.9	83.7	81.0	82.6	84.0	85.4	86.7	88.0	89.3	90.6	96.6	102.3	107.2	110.6
31	71.4	71.2	69.0	70.3	71.6	72.8	74.0	75.2	76.3	77.4	82.9	87.9	92.3	95.3
32	59.2	59.1	57.2	58.3	59.4	60.5	61.5	62.5	63.5	64.5	69.0	73.4	77.2	79.8
33	48.7	48.6	47.0	47.9	48.8	49.7	50.6	51.5	52.3	53.1	57.1	60.8	64.1	66.4
34	39.3	39.3	38.0	38.7	39.4	40.1	40.8	41.5	42.2	42.9	46.1	49.1	51.9	53.9
35	31.0	30.9	29.9	30.5	31.0	31.6	32.2	32.8	33.4	34.0	36.5	39.0	41.3	42.9
36	23.9	23.8	23.1	23.5	23.9	24.3	24.8	25.3	25.8	26.3	28.3	30.3	32.3	33.5
37	18.2	18.2	17.6	17.9	18.1	18.4	18.7	19.0	19.4	19.8	21.4	22.9	24.4	25.5
38	13.8	13.7	13.3	13.6	13.7	13.9	14.1	14.3	14.6	14.9	16.4	17.4	18.4	19.2
39	10.7	10.7	10.4	10.6	10.7	10.8	10.9	11.1	11.3	11.5	12.5	13.5	14.5	15.3
40	7.5	7.5	7.2	7.4	7.4	7.4	7.5	7.6	7.7	7.8	8.3	8.8	9.3	9.7
41	5.2	5.2	5.0	5.1	5.1	5.1	5.1	5.2	5.3	5.4	5.9	6.4	6.9	7.3
42	3.4	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.9	4.4	4.9	5.3
43	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
44	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
45	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
46	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NOTE: The central birth rate is the ratio of the number of births during the year to mothers at the tabulated age to the midyear female population at that age.

Table 3b. Alternative II Central Birth Rates, by Age and Calendar Year (per thousand women)

Age	Calendar Year													
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1995	2000	2005	2010
14	6.4	6.4	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
15	17.1	17.1	16.5	16.8	16.9	17.0	17.1	17.2	17.3	17.4	17.9	18.2	18.2	18.3
16	32.5	32.5	31.4	32.0	32.2	32.4	32.6	32.8	32.9	33.0	33.5	34.0	34.5	34.6
17	52.2	52.1	50.4	51.4	51.7	52.0	52.3	52.6	52.8	53.0	54.0	55.0	55.5	55.9
18	73.3	73.2	70.9	72.2	72.6	73.0	73.4	73.8	74.2	74.5	76.0	77.3	78.3	78.8
19	90.9	90.8	87.9	89.5	90.0	90.5	91.0	91.5	92.0	92.4	94.4	96.0	97.3	98.1
20	104.2	104.0	100.7	102.6	103.2	103.8	104.4	105.0	105.5	106.0	108.4	110.4	112.0	112.9
21	111.3	111.1	107.5	109.6	110.2	110.8	111.4	112.0	112.6	113.2	115.8	118.0	119.8	120.9
22	116.5	116.3	112.6	114.7	115.4	116.1	116.8	117.5	118.1	118.7	121.6	124.0	126.0	127.2
23	119.8	119.6	115.8	118.0	118.7	119.4	120.1	120.8	121.5	122.2	125.3	127.9	130.0	131.3
24	121.7	121.5	117.6	119.9	120.6	121.3	122.0	122.7	123.4	124.1	127.3	130.1	132.4	133.9
25	120.9	120.7	116.8	119.1	119.8	120.5	121.2	121.9	122.6	123.3	126.6	129.4	131.8	133.4
26	117.6	117.4	113.6	115.8	116.5	117.2	117.9	118.6	119.3	120.0	123.3	126.2	128.6	130.2
27	112.4	112.2	108.6	110.7	111.4	112.1	112.8	113.5	114.2	114.9	118.2	121.1	123.5	125.1
28	105.0	104.8	101.4	103.4	104.1	104.8	105.4	106.0	106.6	107.2	110.2	113.0	115.4	117.0
29	95.6	95.4	92.3	94.1	94.7	95.3	95.9	96.5	97.1	97.7	100.7	103.3	105.5	107.1
30	83.9	83.7	81.0	82.6	83.1	83.6	84.1	84.6	85.1	85.6	88.1	90.5	92.5	93.9
31	71.4	71.2	69.0	70.3	70.8	71.3	71.8	72.3	72.8	73.2	75.2	77.2	79.0	80.2
32	59.2	59.1	57.2	58.3	58.7	59.1	59.5	59.9	60.3	60.7	62.7	64.6	66.1	67.3
33	48.7	48.6	47.0	47.9	48.2	48.5	48.8	49.1	49.4	49.7	51.2	52.7	54.1	54.9
34	39.3	39.3	38.0	38.7	38.8	39.0	39.2	39.5	39.8	40.1	41.4	42.4	43.4	44.2
35	31.0	30.9	29.9	30.5	30.5	30.6	30.8	31.0	31.2	31.4	32.4	33.4	34.4	35.1
36	23.9	23.8	23.1	23.5	23.5	23.5	23.6	23.7	23.8	24.0	25.0	26.0	26.6	27.0
37	18.2	18.2	17.6	17.9	17.8	17.8	17.8	17.9	18.0	18.1	18.6	19.1	19.6	20.0
38	13.8	13.7	13.3	13.6	13.5	13.4	13.4	13.4	13.5	13.6	14.1	14.6	15.1	15.5
39	10.7	10.7	10.4	10.6	10.4	10.3	10.2	10.2	10.2	10.2	10.7	11.2	11.7	12.1
40	7.5	7.5	7.2	7.4	7.3	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
41	5.2	5.2	5.0	5.1	5.0	4.9	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
42	3.4	3.4	3.3	3.4	3.3	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
43	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
44	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
45	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
46	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NOTE: The central birth rate is the ratio of the number of births during the year to mothers at the tabulated age to the midyear female population at that age.

Table 3c. Alternative III Central Birth Rates, by Age and Calendar Year (per thousand women)

Age	Calendar Year													
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1995	2000	2005	2010
14	6.4	6.4	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
15	17.1	17.1	16.5	16.8	16.7	16.6	16.5	16.4	16.3	16.2	15.8	15.8	15.8	15.7
16	32.5	32.5	31.4	32.0	31.9	31.8	31.7	31.6	31.5	31.4	30.9	30.4	30.0	30.0
17	52.2	52.1	50.4	51.4	51.2	51.0	50.8	50.6	50.4	50.2	49.2	48.6	48.1	47.7
18	73.3	73.2	70.9	72.2	71.9	71.6	71.3	71.0	70.7	70.4	69.1	68.1	67.3	66.9
19	90.9	90.8	87.9	89.5	89.1	88.7	88.3	87.9	87.5	87.1	85.5	84.1	83.1	82.5
20	104.2	104.0	100.7	102.6	102.1	101.6	101.1	100.6	100.2	99.8	97.8	96.2	94.9	94.1
21	111.3	111.1	107.5	109.6	109.0	108.5	108.0	107.5	107.0	106.5	104.4	102.6	101.1	100.3
22	116.5	116.3	112.6	114.7	114.1	113.5	112.9	112.4	111.9	111.4	109.0	107.0	105.5	104.5
23	119.8	119.6	115.8	118.0	117.4	116.8	116.2	115.6	115.1	114.6	112.1	110.1	108.5	107.4
24	121.7	121.5	117.6	119.9	119.2	118.5	117.9	117.3	116.7	116.1	113.6	111.5	109.8	108.6
25	120.9	120.7	116.8	119.1	118.4	117.7	117.1	116.5	115.9	115.3	112.8	110.6	108.8	107.6
26	117.6	117.4	113.6	115.8	115.1	114.4	113.7	113.1	112.5	111.9	109.4	107.2	105.4	104.2
27	112.4	112.2	108.6	110.7	110.0	109.3	108.6	108.0	107.4	106.8	104.3	102.2	100.4	99.2
28	105.0	104.8	101.4	103.4	102.6	101.9	101.3	100.7	100.1	99.6	97.1	95.1	93.3	92.1
29	95.6	95.4	92.3	94.1	93.3	92.6	92.0	91.4	90.8	90.3	88.0	86.0	84.4	83.2
30	83.9	83.7	81.0	82.6	81.9	81.2	80.6	80.1	79.6	79.1	77.0	75.3	73.8	72.8
31	71.4	71.2	69.0	70.3	69.6	69.0	68.4	67.9	67.4	67.0	65.2	63.7	62.4	61.6
32	59.2	59.1	57.2	58.3	57.6	57.0	56.5	56.0	55.6	55.2	53.7	52.4	51.4	50.6
33	48.7	48.6	47.0	47.9	47.2	46.6	46.1	45.7	45.3	45.0	43.6	42.6	41.6	40.9
34	39.3	39.3	38.0	38.7	38.0	37.5	37.1	36.7	36.4	36.1	35.0	34.0	33.3	32.9
35	31.0	30.9	29.9	30.5	29.8	29.3	28.9	28.6	28.3	28.0	27.0	26.4	25.9	25.5
36	23.9	23.8	23.1	23.5	22.9	22.4	22.0	21.7	21.4	21.2	20.4	19.9	19.4	19.0
37	18.2	18.2	17.6	17.9	17.3	16.8	16.4	16.1	15.9	15.7	15.1	14.6	14.1	13.7
38	13.8	13.7	13.3	13.6	13.1	12.7	12.4	12.1	11.9	11.7	11.2	10.7	10.4	10.4
39	10.7	10.7	10.4	10.6	10.1	9.7	9.4	9.1	8.9	8.7	8.2	7.9	7.9	7.9
40	7.5	7.5	7.2	7.4	7.0	6.7	6.4	6.2	6.0	5.9	5.5	5.5	5.5	5.5
41	5.2	5.2	5.0	5.1	4.8	4.6	4.4	4.2	4.1	4.0	3.7	3.7	3.7	3.7
42	3.4	3.4	3.3	3.4	3.2	3.0	2.8	2.7	2.6	2.5	2.3	2.3	2.3	2.3
43	2.2	2.2	2.1	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.4
44	1.2	1.2	1.1	1.2	1.1	1.0	.9	.8	.8	.8	.8	.8	.8	.8
45	.7	.7	.7	.7	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5
46	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

NOTE: The central birth rate is the ratio of the number of births during the year to mothers at the tabulated age to the midyear female population at that age.

Table 4. Total Fertility Rates, by Calendar Year and Alternative (per thousand women)

Calendar Year	Calendar Year	Calendar Year	Alternative				
			I	II	III		
1920	3263.3	1950	3028.0	1980	1849.0	1849.0	1849.0
1921	3326.2	1951	3199.1	1981	1817.9	1817.9	1817.9
1922	3109.4	1952	3286.5	1982	1814.7	1814.7	1814.7
1923	3101.2	1953	3349.4	1983	1756.3	1756.3	1756.3
1924	3120.7	1954	3461.2	1984	1790.1	1790.1	1790.1
1925	3011.6	1955	3498.3	1985	1815.7	1799.2	1774.6
1926	2900.7	1956	3604.7	1986	1841.2	1808.8	1760.8
1927	2824.3	1957	3682.4	1987	1866.4	1818.6	1748.4
1928	2659.8	1958	3628.9	1988	1891.4	1829.1	1737.1
1929	2532.0	1959	3638.2	1989	1916.1	1839.3	1726.7
1930	2532.5	1960	3605.7	1990	1940.7	1849.3	1716.9
1931	2401.7	1961	3563.9	1991	1964.5	1859.4	1708.0
1932	2318.6	1962	3423.3	1992	1987.9	1869.3	1699.6
1933	2172.0	1963	3297.8	1993	2011.0	1879.1	1691.3
1934	2232.0	1964	3170.9	1994	2033.4	1888.5	1683.5
1935	2188.7	1965	2881.6	1995	2055.2	1897.7	1676.1
1936	2145.6	1966	2670.4	1996	2076.5	1906.9	1668.9
1937	2173.3	1967	2525.5	1997	2097.3	1915.8	1662.2
1938	2221.7	1968	2431.0	1998	2117.4	1924.6	1655.8
1939	2171.7	1969	2422.9	1999	2137.2	1932.9	1649.7
1940	2229.0	1970	2431.7	2000	2156.4	1940.7	1643.7
1941	2331.5	1971	2245.4	2001	2174.9	1948.4	1637.8
1942	2554.8	1972	1993.6	2002	2193.0	1955.8	1632.1
1943	2640.2	1973	1862.5	2003	2210.4	1963.1	1626.6
1944	2494.5	1974	1824.4	2004	2227.1	1970.0	1621.9
1945	2421.8	1975	1770.3	2005	2242.9	1976.4	1617.3
1946	2857.9	1976	1744.8	2006	2258.1	1982.7	1612.8
1947	3181.2	1977	1795.0	2007	2272.9	1988.6	1608.3
1948	3026.2	1978	1764.4	2008	2286.8	1994.4	1604.1
1949	3036.2	1979	1816.7	2009	2300.0	2000.0	1600.0

Note: The total fertility rate is the average number of children that would be born to a woman if she were to survive the childbearing period and were to experience the age-specific central birth rates for the tabulated year throughout that period.

Table 5. Average Annual Percentage Reductions in Central Death Rates during 1968-81, by Age, Sex, and Cause of Death

Sex	Age	Total	Cause of Death									
			Heart Disease	Cancer	Vascular Disease	Violence	Respiratory Disease	Infancy	Digestive Disease	Diabetes Mellitus	Liver Cirrhosis	Other
Male	0	4.93	-5.40	2.90	.08	6.37	13.90	5.78	5.54	8.32	1.70	-5.53
	1-4	2.81	-2.82	4.34	6.59	1.80	9.65	1.68	2.14	8.46	4.33	2.05
	5-9	3.36	.76	3.72	6.38	2.71	7.78	5.01	5.66	6.77	9.06	3.16
	10-14	2.67	.48	2.61	9.05	2.26	6.53	2.88	5.15	8.37	6.63	2.64
	15-19	1.40	1.02	3.19	8.42	.74	7.95	3.37	8.31	7.64	8.17	3.43
	20-24	1.29	1.09	3.07	6.86	.67	7.42	3.01	7.44	6.06	2.78	3.27
	25-29	.68	1.91	2.37	6.46	-.03	5.67	3.24	6.28	4.96	.27	.27
	30-34	1.79	3.49	2.52	6.85	.74	6.21	3.27	4.92	4.41	2.23	1.37
	35-39	2.58	3.85	2.16	6.61	1.27	6.48	2.91	4.17	4.15	2.37	2.25
	40-44	2.76	3.59	1.27	5.93	1.66	5.96	3.92	4.07	3.15	2.51	2.20
	45-49	2.50	3.22	.18	5.67	2.02	5.26	4.41	3.62	2.98	2.15	1.81
	50-54	2.18	2.97	-.45	5.29	2.25	4.48	4.82	3.27	2.77	1.65	1.36
	55-59	2.44	3.06	-.04	5.64	3.19	3.93	4.06	3.88	2.74	2.07	1.72
	60-64	2.18	2.85	-.36	5.31	3.26	2.95	1.80	3.68	2.81	1.52	1.30
	65-69	1.61	2.29	-.94	4.84	2.85	1.37	1.06	3.28	2.81	.16	.45
	70-74	1.46	2.11	-1.19	4.49	2.62	.68	-.11	2.80	2.74	-.53	-.13
	75-79	1.37	1.94	-1.25	4.15	2.28	-.10	.85	2.58	2.65	-.27	-.64
	80-84	1.41	1.90	-1.39	4.22	2.79	-1.00	-.10	1.90	2.69	.25	-1.01
85-89	1.44	1.79	-1.68	4.22	2.92	-1.26	4.32	.79	2.28	.51	-.82	
90-94	1.44	1.55	-1.98	4.13	3.03	-.61	-2.89	.05	.53	1.05	-.76	
Total	1.84	2.28	-.73	4.55	1.72	1.42	5.47	2.82	2.72	1.40	.17	
Female	0	4.53	-4.60	5.14	.09	6.15	14.03	5.12	5.60	12.15	1.79	-5.18
	1-4	3.30	-3.43	4.77	5.58	2.08	9.94	2.43	1.41	6.42	12.72	3.22
	5-9	3.42	.71	4.15	6.65	2.62	7.71	4.62	4.61	8.33	11.65	2.64
	10-14	2.70	.96	3.26	7.91	1.42	6.75	2.11	6.21	8.48	13.82	2.83
	15-19	1.62	1.95	2.55	7.70	.03	6.90	4.22	6.95	6.93	11.54	4.04
	20-24	1.82	1.87	2.99	7.68	-.12	7.19	3.84	8.03	6.82	4.99	3.62
	25-29	2.37	2.96	2.09	7.52	.34	7.18	3.55	7.12	5.69	3.10	3.44
	30-34	3.55	4.64	2.15	8.57	1.57	7.78	3.44	6.28	5.06	5.23	4.21
	35-39	3.80	4.72	2.28	7.50	2.33	6.72	2.10	5.97	3.99	4.80	4.52
	40-44	3.25	3.68	1.76	6.37	2.32	6.31	3.77	4.49	3.56	4.54	3.63
	45-49	2.64	3.00	1.22	5.59	2.37	4.72	4.40	3.84	3.76	3.57	2.76
	50-54	2.01	2.87	.24	5.27	2.68	3.31	3.45	3.05	3.60	2.34	2.10
	55-59	1.91	3.05	-.10	5.17	2.84	1.63	3.34	3.14	4.03	1.82	1.70
	60-64	1.49	2.69	-.89	5.00	3.22	-.47	2.97	2.59	3.95	.40	.59
	65-69	1.34	2.46	-1.39	4.78	2.98	-1.55	1.26	2.12	3.75	-1.47	-.23
	70-74	1.95	2.83	-.86	4.90	3.20	-1.13	.06	1.96	4.25	-1.56	-.76
	75-79	2.34	2.81	-.31	4.86	4.01	-.12	-.92	1.86	4.30	-.81	-1.07
	80-84	2.37	2.60	-.31	4.52	4.76	.67	.29	1.23	3.56	.07	-1.39
85-89	2.21	2.23	-.25	4.16	5.38	.94	-.29	.15	2.11	.31	-1.54	
90-94	1.79	1.60	-.79	3.65	5.72	1.07	-3.19	-.76	.01	1.53	-1.59	
Total	2.19	2.54	-.22	4.64	2.44	1.79	4.87	2.08	3.72	1.79	.18	

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



Table 6a. Alternative I Central Death Rates, by Age, Sex, and Calendar Year (per hundred thousand)

Sex	Age	Calendar Year										
		1983	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080
Male	0	1200.0	1063.9	959.4	918.0	881.8	848.0	816.5	787.0	759.4	733.7	709.7
	1-4	60.6	56.3	52.1	50.8	49.9	49.0	48.2	47.4	46.7	46.0	45.3
	5-9	31.6	28.2	25.0	24.5	24.2	24.0	23.7	23.4	23.2	23.0	22.7
	10-14	34.4	31.5	28.6	28.0	27.7	27.4	27.0	26.8	26.5	26.2	25.9
	15-19	113.9	109.3	104.2	102.4	101.4	100.3	99.3	98.2	97.2	96.3	95.3
	20-24	163.3	157.2	150.3	147.8	146.3	144.7	143.2	141.7	140.2	138.8	137.4
	25-29	176.1	173.5	171.0	169.3	167.5	165.7	163.9	162.2	160.5	158.9	157.2
	30-34	172.5	163.5	153.9	151.0	149.1	147.3	145.6	143.9	142.2	140.6	139.0
	35-39	220.5	203.0	185.1	180.6	177.8	175.1	172.5	170.0	167.5	165.2	162.9
	40-44	322.5	294.7	266.3	258.8	253.9	249.2	244.8	240.5	236.4	232.4	228.7
	45-49	544.8	503.0	459.6	446.2	436.9	428.0	419.5	411.4	403.6	396.2	389.1
	50-54	878.1	825.6	772.3	752.8	737.0	722.0	707.7	694.0	681.0	668.5	656.7
	55-59	1372.5	1272.9	1171.1	1138.0	1112.7	1088.7	1065.8	1044.0	1023.2	1003.4	984.5
	60-64	2118.3	1991.3	1861.7	1812.3	1771.6	1732.9	1696.0	1660.9	1627.5	1595.6	1565.4
	65-69	3224.3	3114.9	2999.9	2925.3	2858.7	2795.3	2735.1	2677.8	2623.3	2571.4	2522.0
	70-74	4870.0	4742.6	4606.4	4490.2	4382.9	4280.9	4184.0	4091.9	4004.4	3921.1	3841.9
	75-79	7267.0	7100.5	6920.3	6739.9	6567.8	6404.3	6249.0	6101.5	5961.3	5828.1	5701.4
	80-84	10510.7	10312.7	10102.2	9825.3	9558.6	9305.3	9064.9	8836.5	8619.5	8413.3	8217.3
	85-89	15853.2	15566.0	15252.2	14807.1	14380.6	13975.9	13591.6	13226.6	12880.0	12550.7	12237.8
90-94	22267.4	21750.2	21161.7	20483.7	19842.0	19233.0	18655.1	18106.5	17585.6	17091.0	16621.3	
Female	0	975.5	873.4	789.5	753.3	722.0	692.7	665.3	639.8	615.9	593.6	572.8
	1-4	46.4	42.6	39.1	38.0	37.3	36.5	35.8	35.2	34.6	34.0	33.4
	5-9	20.7	18.5	16.4	16.0	15.8	15.6	15.5	15.3	15.1	14.9	14.8
	10-14	19.8	18.1	16.5	16.2	16.0	15.8	15.6	15.4	15.2	15.0	14.9
	15-19	45.2	43.4	41.7	41.3	40.8	40.4	40.0	39.5	39.1	38.7	38.4
	20-24	53.0	50.9	49.1	48.6	48.0	47.5	47.0	46.5	46.0	45.5	45.0
	25-29	64.3	60.2	56.3	55.3	54.7	54.1	53.5	52.9	52.3	51.8	51.2
	30-34	75.8	68.0	60.8	59.5	58.8	58.1	57.5	56.8	56.2	55.6	55.1
	35-39	113.9	100.7	88.6	86.6	85.5	84.4	83.4	82.5	81.5	80.7	79.8
	40-44	180.8	162.6	145.0	141.5	139.6	137.7	135.9	134.2	132.5	131.0	129.5
	45-49	299.7	274.8	249.5	243.5	239.8	236.4	233.1	230.0	227.0	224.1	221.4
	50-54	475.1	446.5	416.5	407.3	401.2	395.4	389.9	384.6	379.6	374.8	370.3
	55-59	738.5	699.2	659.2	646.2	635.8	626.0	616.6	607.6	599.1	591.0	583.3
	60-64	1127.1	1100.7	1077.6	1058.6	1040.0	1022.2	1005.3	989.3	974.0	959.4	945.6
	65-69	1686.7	1677.4	1674.9	1644.5	1612.2	1581.5	1552.3	1524.5	1498.1	1472.9	1449.0
	70-74	2553.9	2463.2	2379.6	2322.2	2267.5	2215.5	2166.1	2119.2	2074.6	2032.3	1992.0
	75-79	4036.8	3798.3	3557.8	3447.3	3350.8	3259.2	3172.4	3089.9	3011.7	2937.5	2867.0
	80-84	6497.7	6090.1	5663.0	5456.9	5282.5	5117.2	4960.5	4812.0	4671.2	4537.7	4411.1
	85-89	11072.1	10415.0	9696.7	9312.9	8986.3	8677.0	8383.9	8106.2	7843.1	7593.6	7357.2
90-94	16962.0	16221.1	15361.6	14740.4	14192.6	13673.8	13182.4	12716.9	12275.8	11857.8	11461.7	

Note: The central death rate is the ratio of the number of deaths during the year to persons at the tabulated age to the midyear population at that age.

Table 6b. Alternative II Central Death Rates, by Age, Sex, and Calendar Year (per hundred thousand)

Sex	Age	Calendar Year										
		1983	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080
Male	0	1200.0	914.0	756.5	709.8	668.6	630.9	596.2	564.2	534.8	507.6	482.5
	1-4	60.6	51.8	44.8	42.8	41.4	40.1	38.8	37.6	36.5	35.4	34.3
	5-9	31.6	25.2	20.4	19.7	19.2	18.7	18.2	17.8	17.4	17.0	16.6
	10-14	34.4	28.9	24.2	23.4	22.8	22.2	21.7	21.2	20.7	20.2	19.7
	15-19	113.9	105.0	96.3	93.5	91.5	89.5	87.6	85.8	84.0	82.2	80.5
	20-24	163.3	151.5	139.7	135.7	132.8	129.9	127.1	124.4	121.8	119.2	116.7
	25-29	176.1	170.9	166.7	163.4	159.8	156.3	152.9	149.6	146.3	143.2	140.1
	30-34	172.5	155.3	139.6	135.1	131.8	128.7	125.6	122.7	119.9	117.1	114.4
	35-39	220.5	187.2	159.3	153.0	148.7	144.5	140.5	136.7	133.0	129.5	126.1
	40-44	322.5	269.7	225.7	215.6	208.5	201.7	195.2	189.0	183.1	177.5	172.2
	45-49	544.8	465.2	398.9	381.2	367.4	354.3	341.9	330.1	318.9	308.2	298.1
	50-54	878.1	769.1	679.2	650.8	626.8	604.0	582.5	562.0	542.6	524.2	506.6
	55-59	1372.5	1182.3	1027.9	982.9	945.4	909.9	876.3	844.5	814.3	785.7	758.6
	60-64	2118.3	1857.4	1642.1	1571.3	1510.6	1453.2	1399.0	1347.8	1299.2	1253.2	1209.6
	65-69	3224.3	2938.5	2688.8	2575.9	2475.5	2380.7	2291.2	2206.6	2126.6	2050.9	1979.2
	70-74	4870.0	4485.9	4145.7	3970.4	3811.7	3662.3	3521.4	3388.5	3263.0	3144.5	3032.3
	75-79	7267.0	6733.1	6255.1	5987.1	5740.0	5507.8	5289.3	5083.6	4889.8	4707.1	4534.7
	80-84	10510.7	9732.4	9053.8	8653.6	8284.1	7937.4	7611.9	7305.9	7018.2	6747.5	6492.5
	85-89	15853.2	14676.9	13643.7	13014.7	12437.9	11897.6	11391.0	10915.8	10469.7	10050.6	9656.5
	90-94	22267.4	20590.9	19048.6	18107.5	17253.5	16455.0	15707.9	15008.4	14353.0	13738.7	13162.3
Female	0	975.5	758.1	627.5	586.1	550.2	517.3	487.0	459.3	433.8	410.3	388.7
	1-4	46.4	38.6	32.6	31.1	29.9	28.8	27.8	26.8	25.9	25.1	24.3
	5-9	20.7	16.5	13.4	12.8	12.4	12.1	11.8	11.4	11.1	10.8	10.5
	10-14	19.8	16.7	14.1	13.6	13.2	12.8	12.5	12.1	11.8	11.5	11.2
	15-19	45.2	41.8	39.4	38.5	37.6	36.7	35.9	35.1	34.3	33.5	32.8
	20-24	53.0	48.7	45.8	44.8	43.7	42.7	41.7	40.7	39.8	38.9	38.0
	25-29	64.3	56.6	50.6	49.0	47.7	46.5	45.3	44.2	43.1	42.0	41.0
	30-34	75.8	61.2	50.4	48.3	47.0	45.6	44.4	43.1	42.0	40.8	39.7
	35-39	113.9	89.2	71.3	68.1	66.0	63.9	61.9	60.0	58.2	56.4	54.8
	40-44	180.8	146.4	119.6	114.0	110.0	106.2	102.5	99.1	95.8	92.6	89.6
	45-49	299.7	252.4	212.3	202.2	194.7	187.6	180.8	174.4	168.2	162.4	156.8
	50-54	475.1	420.6	373.8	358.1	344.7	331.8	319.6	308.0	296.9	286.3	276.2
	55-59	738.5	661.4	597.1	572.7	550.7	529.7	509.8	490.8	472.7	455.4	439.0
	60-64	1127.1	1042.2	974.5	935.7	898.4	863.0	829.5	797.5	767.2	738.3	710.8
	65-69	1686.7	1581.8	1502.5	1442.0	1382.2	1325.6	1272.0	1221.2	1173.0	1127.2	1083.7
	70-74	2553.9	2301.9	2107.4	2012.7	1923.6	1839.6	1760.4	1685.5	1614.8	1547.9	1484.6
	75-79	4036.8	3533.1	3127.3	2967.8	2825.6	2692.0	2566.5	2448.4	2337.3	2232.7	2134.1
	80-84	6497.7	5640.0	4918.3	4638.6	4398.7	4174.1	3963.9	3766.9	3582.3	3409.2	3246.7
	85-89	11072.1	9684.5	8456.1	7946.6	7511.4	7105.3	6726.1	6371.8	6040.6	5730.8	5440.8
	90-94	16962.0	15244.2	13598.6	12755.9	12027.9	11349.6	10717.3	10127.7	9577.5	9063.8	8584.0

Note: The central death rate is the ratio of the number of deaths during the year to persons at the tabulated age to the midyear population at that age.

Table 6c. Alternative III Central Death Rates, by Age, Sex, and Calendar Year (per hundred thousand)

Sex	Age	Calendar Year										
		1983	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080
Male	0	1200.0	790.5	613.1	560.2	514.1	473.2	436.6	404.0	374.7	348.5	324.8
	1-4	60.6	47.9	38.7	36.2	34.2	32.3	30.7	29.1	27.7	26.4	25.1
	5-9	31.6	22.5	16.7	15.7	14.9	14.2	13.6	13.0	12.4	11.9	11.4
	10-14	34.4	26.5	20.7	19.4	18.5	17.7	16.9	16.2	15.5	14.9	14.3
	15-19	113.9	101.0	89.5	85.6	82.6	79.8	77.2	74.6	72.1	69.8	67.5
	20-24	163.3	146.2	130.4	124.9	120.6	116.5	112.6	108.9	105.3	101.9	98.6
	25-29	176.1	168.6	162.9	157.6	152.0	146.6	141.5	136.6	131.9	127.4	123.1
	30-34	172.5	147.8	127.3	120.9	116.0	111.4	107.0	102.9	99.0	95.2	91.7
	35-39	220.5	172.9	137.8	129.1	122.5	116.4	110.7	105.4	100.5	95.9	91.6
	40-44	322.5	247.0	192.0	176.9	165.3	154.6	144.9	135.9	127.7	120.2	113.3
	45-49	544.8	431.1	348.3	318.0	292.5	269.3	248.4	229.5	212.3	196.7	182.5
	50-54	878.1	717.8	597.4	542.5	495.0	452.1	413.5	378.7	347.3	319.0	293.4
	55-59	1372.5	1100.9	904.7	817.8	742.2	674.2	613.1	558.2	508.8	464.3	424.2
	60-64	2118.3	1736.0	1447.6	1307.7	1185.4	1075.6	977.0	888.3	808.5	736.7	672.1
	65-69	3224.3	2775.5	2397.7	2171.1	1971.2	1791.5	1629.9	1484.5	1353.5	1235.5	1129.1
	70-74	4870.0	4247.9	3712.2	3369.3	3064.5	2790.3	2543.4	2320.9	2120.3	1939.4	1776.0
	75-79	7267.0	6392.0	5635.0	5133.4	4682.0	4275.1	3908.1	3576.8	3277.6	3007.0	2762.3
	80-84	10510.7	9193.9	8089.9	7382.9	6748.2	6175.2	5657.5	5189.5	4765.9	4382.3	4034.7
	85-89	15853.2	13852.6	12178.5	11126.5	10186.4	9336.5	8567.5	7871.3	7240.5	6668.3	6149.0
	90-94	22267.4	19516.4	17147.2	15669.0	14353.7	13163.5	12085.7	11108.8	10222.8	9418.6	8688.0
Female	0	975.5	661.3	509.5	462.3	421.7	385.8	354.0	325.7	300.4	277.9	257.7
	1-4	46.4	34.9	27.3	25.2	23.6	22.1	20.7	19.4	18.3	17.2	16.2
	5-9	20.7	14.8	10.9	10.1	9.5	8.9	8.4	7.9	7.5	7.1	6.7
	10-14	19.8	15.3	12.1	11.3	10.6	10.0	9.4	8.9	8.4	8.0	7.5
	15-19	45.2	40.4	37.4	35.7	34.0	32.4	31.0	29.6	28.2	27.0	25.8
	20-24	53.0	46.8	43.2	41.2	39.3	37.4	35.7	34.1	32.6	31.1	29.8
	25-29	64.3	53.4	45.9	43.0	40.7	38.5	36.5	34.6	32.9	31.2	29.7
	30-34	75.8	55.2	41.8	38.4	35.7	33.3	31.1	29.1	27.3	25.7	24.2
	35-39	113.9	79.1	57.1	51.5	47.2	43.3	39.9	36.9	34.1	31.6	29.4
	40-44	180.8	131.9	97.9	87.2	78.8	71.5	64.9	59.2	54.0	49.5	45.4
	45-49	299.7	231.9	179.7	159.3	142.8	128.4	115.7	104.5	94.6	85.9	78.1
	50-54	475.1	397.0	334.1	296.5	263.6	234.8	209.6	187.5	168.1	151.0	136.0
	55-59	738.5	627.1	536.7	476.2	422.9	376.4	335.6	299.8	268.4	240.8	216.5
	60-64	1127.1	988.5	872.4	778.2	694.3	620.6	555.8	498.8	448.6	404.2	365.0
	65-69	1686.7	1493.6	1333.0	1194.3	1069.1	958.8	861.6	775.7	699.8	632.6	573.0
	70-74	2553.9	2155.6	1859.0	1668.8	1499.3	1349.4	1216.9	1099.5	995.3	902.7	820.3
	75-79	4036.8	3294.7	2754.3	2474.0	2228.4	2010.7	1817.4	1645.7	1492.8	1356.5	1234.9
	80-84	6497.7	5232.6	4282.7	3844.3	3470.2	3137.5	2841.3	2577.2	2341.5	2130.7	1942.2
	85-89	11072.1	9018.0	7394.6	6646.6	6011.4	5444.7	4938.7	4486.3	4081.2	3718.2	3392.5
	90-94	16962.0	14339.9	12050.8	10845.7	9820.4	8903.6	8083.1	7347.9	6688.4	6096.2	5563.9

Note: The central death rate is the ratio of the number of deaths during the year to persons at the tabulated age to the midyear population at that age.

Table 7a. Age-Adjusted Central Death Rate by Sex, Calendar Year, and Alternative (per hundred thousand)

Calendar Year	Sex		Calendar Year	Sex		Alternative and Sex						
	Male	Female		Male	Female	I		II		III		
						Male	Female	Male	Female	Male	Female	
1900	2282.3	2073.0	1940	1584.0	1254.1	1980	1048.3	598.3	1048.3	598.3	1048.3	598.3
1901	2238.8	2000.3	1941	1532.7	1190.6	1981	1019.0	582.5	1019.0	582.5	1019.0	582.5
1902	2111.7	1853.8	1942	1486.0	1142.3	1982	986.6	566.0	986.6	566.0	986.6	566.0
1903	2155.3	1912.8	1943	1535.2	1181.7	1983	978.9	564.2	978.9	564.2	978.9	564.2
1904	2274.0	2005.2	1944	1473.4	1122.3	1984	972.8	559.8	963.5	553.7	954.3	547.7
1905	2196.5	1941.3	1945	1449.5	1079.8	1985	966.8	555.4	948.7	543.6	930.9	532.0
1906	2198.5	1909.4	1946	1390.5	1050.9	1986	961.1	551.2	934.5	533.9	908.7	517.3
1907	2273.0	1962.8	1947	1389.7	1031.2	1987	955.5	547.1	920.8	524.7	887.7	503.4
1908	2079.7	1826.7	1948	1371.4	1001.7	1988	950.0	543.1	907.6	515.7	867.7	490.2
1909	2031.1	1777.4	1949	1338.4	968.1	1989	944.8	539.2	895.0	507.2	848.8	477.8
1910	2112.6	1846.6	1950	1325.8	945.3	1990	939.7	535.4	882.9	499.1	831.0	466.2
1911	2026.7	1782.1	1951	1319.1	932.6	1991	934.7	531.8	871.4	491.3	814.2	455.4
1912	2001.0	1738.5	1952	1299.9	912.5	1992	929.9	528.3	860.4	484.1	798.5	445.3
1913	2013.3	1738.3	1953	1295.5	897.7	1993	925.4	524.9	850.1	477.2	784.0	436.0
1914	1953.8	1696.7	1954	1233.1	848.3	1994	921.0	521.7	840.6	471.0	770.7	427.6
1915	1953.5	1712.5	1955	1247.1	852.3	1995	916.8	518.6	832.0	465.3	758.7	420.1
1916	2028.2	1763.7	1956	1252.9	846.8	1996	912.8	515.8	824.2	460.3	747.9	413.4
1917	2048.1	1764.2	1957	1276.7	859.0	1997	909.0	513.2	817.4	456.0	738.3	407.4
1918	2335.3	2023.5	1958	1265.2	847.2	1998	905.5	510.8	811.5	452.3	729.6	402.0
1919	1811.4	1651.8	1959	1248.5	826.5	1999	902.3	508.6	806.3	449.0	721.7	397.0
1920	1854.0	1723.0	1960	1267.9	827.6	2000	899.2	506.7	801.7	446.1	714.3	392.3
1921	1686.0	1552.2	1961	1237.8	804.0	2005	886.3	499.0	783.2	434.5	681.6	371.4
1922	1763.7	1599.3	1962	1261.2	814.8	2010	875.1	492.4	767.0	424.3	651.7	352.2
1923	1838.2	1663.1	1963	1290.0	821.1	2015	864.3	486.1	751.5	414.5	623.5	334.2
1924	1771.4	1564.6	1964	1257.0	794.6	2020	853.9	480.0	736.4	405.0	596.6	317.3
1925	1790.3	1581.8	1965	1267.4	788.6	2025	843.6	474.1	721.8	395.8	571.2	301.4
1926	1855.9	1638.8	1966	1276.2	787.4	2030	833.7	468.3	707.7	386.8	546.9	286.4
1927	1736.5	1508.1	1967	1251.5	762.6	2035	823.9	462.7	693.9	378.1	523.9	272.3
1928	1849.9	1605.3	1968	1286.9	767.4	2040	814.5	457.2	680.5	369.7	502.0	259.0
1929	1824.9	1570.9	1969	1255.2	741.6	2045	805.2	451.8	667.6	361.5	481.2	246.5
1930	1724.2	1463.9	1970	1232.1	723.1	2050	796.2	446.6	655.0	353.6	461.5	234.7
1931	1685.0	1416.6	1971	1220.6	715.7	2055	787.4	441.5	642.7	345.9	442.7	223.6
1932	1663.3	1415.9	1972	1223.1	708.1	2060	778.8	436.6	630.8	338.4	424.8	213.1
1933	1641.1	1371.2	1973	1206.2	695.3	2065	770.4	431.8	619.2	331.1	407.7	203.2
1934	1688.1	1389.9	1974	1156.5	667.1	2070	762.3	427.1	608.0	324.0	391.5	193.9
1935	1659.4	1358.4	1975	1117.8	636.8	2075	754.3	422.5	597.0	317.1	376.1	185.1
1936	1746.8	1421.6	1976	1103.5	629.7	2080	746.5	418.0	586.4	310.5	361.4	176.7
1937	1687.9	1356.6	1977	1077.6	610.2							
1938	1573.2	1279.2	1978	1068.8	607.1							
1939	1566.9	1268.1	1979	1037.3	586.1							

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 are the number of people in the corresponding age groups of the 1970 U.S. census population.

Table 7b. Age-Sex-Adjusted Central Death Rate by Calendar Year and Alternative (per hundred thousand)

Calendar Year	Calendar Year	Calendar Year	Alternative				
			I	II	III		
1900	2169.5	1940	1403.5	1980	795.5	795.5	795.5
1901	2110.7	1941	1345.0	1981	773.6	773.6	773.6
1902	1971.7	1942	1298.1	1982	750.0	750.0	750.0
1903	2024.3	1943	1341.6	1983	745.1	745.1	745.1
1904	2128.4	1944	1282.1	1984	739.8	732.3	724.8
1905	2058.9	1945	1248.1	1985	734.4	719.8	705.4
1906	2043.8	1946	1205.2	1986	729.2	707.8	687.0
1907	2107.7	1947	1193.1	1987	724.2	696.3	669.6
1908	1944.6	1948	1168.5	1988	719.2	685.2	653.1
1909	1894.9	1949	1135.1	1989	714.4	674.5	637.5
1910	1970.6	1950	1116.4	1990	709.8	664.3	622.9
1911	1896.0	1951	1106.9	1991	705.3	654.6	609.1
1912	1860.8	1952	1087.6	1992	700.9	645.4	596.2
1913	1866.5	1953	1077.2	1993	696.7	636.8	584.4
1914	1816.0	1954	1021.9	1994	692.7	628.9	573.6
1915	1824.1	1955	1030.3	1995	688.9	621.7	563.8
1916	1886.9	1956	1029.5	1996	685.3	615.2	555.1
1917	1896.1	1957	1046.9	1997	682.0	609.6	547.4
1918	2169.5	1958	1034.9	1998	678.9	604.8	540.4
1919	1725.5	1959	1016.1	1999	676.2	600.5	534.0
1920	1783.1	1960	1024.8	2000	673.6	596.8	528.1
1921	1614.0	1961	998.0	2005	663.4	582.0	502.0
1922	1675.2	1962	1014.0	2010	654.8	569.2	478.3
1923	1744.3	1963	1029.8	2015	646.6	557.0	456.1
1924	1659.5	1964	1000.8	2020	638.6	545.1	435.0
1925	1677.2	1965	1001.6	2025	630.8	533.6	415.1
1926	1738.3	1966	1005.0	2030	623.2	522.4	396.2
1927	1612.1	1967	980.0	2035	615.8	511.6	378.4
1928	1717.0	1968	997.7	2040	608.6	501.0	361.5
1929	1686.8	1969	969.4	2045	601.6	490.8	345.5
1930	1582.5	1970	948.6	2050	594.7	480.9	330.4
1931	1538.3	1971	938.9	2055	588.1	471.2	316.0
1932	1528.1	1972	935.7	2060	581.5	461.9	302.4
1933	1493.4	1973	920.8	2065	575.2	452.8	289.6
1934	1525.3	1974	883.1	2070	569.0	443.9	277.3
1935	1495.0	1975	848.8	2075	562.9	435.3	265.7
1936	1569.5	1976	838.0	2080	557.1	427.0	254.7
1937	1507.0	1977	815.5				
1938	1412.6	1978	809.7				
1939	1403.5	1979	784.2				

Note: The age-sex-adjusted central death rate is the weighted average of the age-sex-specific central death rates for a particular year. The weights are the number of people in the corresponding age and sex groups of the 1970 U.S. census population.

Table 8a. Life Expectancy at Birth by Sex, Calendar Year, and Alternative (in years)

Calendar Year	Sex		Calendar Year	Sex		Calendar Year	Sex and Alternative					
	Male	Female		Male	Female		I		II		III	
							Male	Female	Male	Female	Male	Female
1900	46.4	49.0	1940	61.4	65.7	1980	69.9	77.5	69.9	77.5	69.9	77.5
1901	47.9	50.9	1941	61.9	66.5	1981	70.4	77.9	70.4	77.9	70.4	77.9
1902	49.0	52.1	1942	62.6	67.4	1982	70.8	78.2	70.8	78.2	70.8	78.2
1903	49.2	52.1	1943	62.2	67.1	1983	71.1	78.3	71.1	78.3	71.1	78.3
1904	48.1	51.1	1944	62.7	67.8	1984	71.2	78.4	71.3	78.5	71.4	78.7
1905	48.7	51.9	1945	62.9	68.4	1985	71.3	78.5	71.5	78.8	71.8	79.0
1906	48.3	52.0	1946	64.3	69.2	1986	71.4	78.6	71.8	79.0	72.1	79.4
1907	48.3	52.2	1947	64.6	69.7	1987	71.5	78.7	72.0	79.2	72.5	79.7
1908	50.2	53.6	1948	64.8	70.2	1988	71.6	78.8	72.2	79.4	72.8	80.0
1909	51.1	54.5	1949	65.3	70.7	1989	71.6	78.9	72.4	79.6	73.1	80.4
1910	50.1	53.6	1950	65.6	71.1	1990	71.7	79.0	72.6	79.8	73.4	80.7
1911	51.8	55.0	1951	65.7	71.4	1991	71.8	79.1	72.8	80.0	73.7	80.9
1912	52.3	55.9	1952	65.8	71.6	1992	71.9	79.1	73.0	80.2	74.0	81.2
1913	51.7	55.4	1953	66.0	72.0	1993	72.0	79.2	73.1	80.4	74.2	81.5
1914	52.9	56.3	1954	66.7	72.7	1994	72.1	79.3	73.3	80.5	74.4	81.7
1915	53.5	56.8	1955	66.7	72.8	1995	72.1	79.4	73.4	80.7	74.6	81.9
1916	52.4	56.0	1956	66.7	72.9	1996	72.2	79.4	73.6	80.8	74.8	82.1
1917	52.2	55.9	1957	66.5	72.7	1997	72.3	79.5	73.7	80.9	75.0	82.3
1918	45.3	49.1	1958	66.6	72.9	1998	72.3	79.6	73.8	81.0	75.1	82.4
1919	54.2	56.5	1959	66.8	73.2	1999	72.4	79.6	73.9	81.1	75.3	82.6
1920	54.5	56.3	1960	66.7	73.2	2000	72.4	79.7	73.9	81.2	75.4	82.7
1921	57.3	59.3	1961	67.1	73.6	2005	72.6	79.8	74.2	81.5	76.0	83.3
1922	57.0	59.3	1962	66.9	73.5	2010	72.8	80.0	74.5	81.8	76.5	84.0
1923	56.3	58.7	1963	66.6	73.4	2015	72.9	80.2	74.7	82.1	77.1	84.6
1924	57.2	59.9	1964	66.8	73.7	2020	73.1	80.3	75.0	82.3	77.6	85.1
1925	57.2	59.9	1965	66.8	73.8	2025	73.2	80.5	75.2	82.6	78.1	85.7
1926	56.6	59.3	1966	66.7	73.9	2030	73.3	80.6	75.5	82.9	78.7	86.3
1927	57.9	60.9	1967	67.0	74.3	2035	73.5	80.7	75.7	83.2	79.2	86.9
1928	56.8	59.8	1968	66.6	74.2	2040	73.6	80.9	76.0	83.5	79.7	87.5
1929	57.0	60.2	1969	66.9	74.6	2045	73.8	81.0	76.2	83.7	80.3	88.1
1930	58.0	61.3	1970	67.1	74.9	2050	73.9	81.2	76.4	84.0	80.8	88.6
1931	58.6	62.0	1971	67.4	75.1	2055	74.0	81.3	76.7	84.3	81.3	89.2
1932	59.4	62.6	1972	67.4	75.2	2060	74.2	81.5	76.9	84.6	81.9	89.7
1933	59.6	63.0	1973	67.6	75.5	2065	74.3	81.6	77.2	84.8	82.4	90.3
1934	58.8	62.7	1974	68.3	76.0	2070	74.4	81.7	77.4	85.1	82.9	90.9
1935	59.4	63.3	1975	68.7	76.6	2075	74.6	81.9	77.6	85.4	83.4	91.4
1936	58.7	62.9	1976	69.1	76.8	2080	74.7	82.0	77.9	85.7	84.0	92.0
1937	59.4	63.6	1977	69.4	77.2							
1938	60.8	64.7	1978	69.6	77.3							
1939	61.4	65.4	1979	70.0	77.7							

Note: The life expectancy is the average number of years of life remaining to a person if he were to experience the age-specific mortality rates for the tabulated year throughout the remainder of his life.

Table 8b. Life Expectancy at Age 65, by Sex, Calendar Year, and Alternative (in years)

Calendar Year	Sex		Calendar Year	Sex		Calendar Year	Sex and Alternative					
	Male	Female		Male	Female		I		II		III	
							Male	Female	Male	Female	Male	Female
1900	11.3	12.0	1940	11.9	13.4	1980	14.0	18.4	14.0	18.4	14.0	18.4
1901	11.3	12.0	1941	12.2	13.8	1981	14.2	18.6	14.2	18.6	14.2	18.6
1902	11.7	12.6	1942	12.4	14.1	1982	14.5	18.8	14.5	18.8	14.5	18.8
1903	11.4	12.2	1943	12.1	13.7	1983	14.5	18.8	14.5	18.8	14.5	18.8
1904	11.1	11.9	1944	12.5	14.1	1984	14.5	18.9	14.6	19.0	14.7	19.1
1905	11.4	12.0	1945	12.6	14.4	1985	14.5	18.9	14.7	19.1	14.8	19.3
1906	11.4	12.2	1946	12.9	14.6	1986	14.6	19.0	14.8	19.2	15.0	19.5
1907	11.0	11.8	1947	12.6	14.5	1987	14.6	19.0	14.9	19.4	15.1	19.7
1908	11.6	12.3	1948	12.7	14.7	1988	14.6	19.1	15.0	19.5	15.3	19.9
1909	11.6	12.4	1949	12.8	14.9	1989	14.7	19.1	15.0	19.6	15.4	20.1
1910	11.4	12.1	1950	12.8	15.1	1990	14.7	19.2	15.1	19.8	15.6	20.3
1911	11.5	12.2	1951	12.8	15.2	1991	14.7	19.2	15.2	19.9	15.7	20.5
1912	11.5	12.3	1952	13.0	15.3	1992	14.7	19.3	15.3	20.0	15.8	20.7
1913	11.6	12.4	1953	12.9	15.3	1993	14.8	19.3	15.4	20.1	16.0	20.9
1914	11.6	12.4	1954	13.2	15.7	1994	14.8	19.4	15.4	20.2	16.1	21.0
1915	11.4	12.2	1955	13.1	15.6	1995	14.8	19.4	15.5	20.3	16.2	21.2
1916	11.3	12.0	1956	13.0	15.7	1996	14.8	19.5	15.6	20.4	16.3	21.3
1917	11.2	12.1	1957	12.9	15.6	1997	14.8	19.5	15.6	20.5	16.4	21.4
1918	11.6	12.5	1958	12.9	15.7	1998	14.9	19.5	15.7	20.5	16.5	21.5
1919	12.3	12.8	1959	13.1	15.9	1999	14.9	19.6	15.7	20.6	16.6	21.7
1920	11.8	12.3	1960	12.9	15.9	2000	14.9	19.6	15.8	20.7	16.7	21.8
1921	12.2	12.8	1961	13.1	16.1	2005	15.0	19.7	16.0	20.9	17.1	22.2
1922	11.8	12.4	1962	12.9	16.0	2010	15.1	19.9	16.1	21.1	17.5	22.7
1923	11.5	12.2	1963	12.7	16.0	2015	15.2	20.0	16.3	21.4	17.9	23.2
1924	11.8	12.6	1964	13.0	16.3	2020	15.3	20.1	16.5	21.6	18.3	23.6
1925	11.6	12.5	1965	12.9	16.3	2025	15.4	20.2	16.7	21.8	18.7	24.1
1926	11.4	12.2	1966	12.9	16.3	2030	15.5	20.4	16.8	22.0	19.1	24.6
1927	11.7	12.7	1967	13.0	16.6	2035	15.6	20.5	17.0	22.3	19.5	25.1
1928	11.3	12.3	1968	12.8	16.6	2040	15.7	20.6	17.2	22.5	19.9	25.5
1929	11.4	12.4	1969	13.0	16.9	2045	15.8	20.7	17.4	22.7	20.4	26.0
1930	11.8	12.9	1970	13.1	17.1	2050	15.9	20.9	17.6	23.0	20.8	26.5
1931	12.0	13.1	1971	13.1	17.1	2055	16.0	21.0	17.7	23.2	21.2	26.9
1932	11.9	13.0	1972	13.1	17.2	2060	16.1	21.1	17.9	23.4	21.6	27.4
1933	12.0	13.2	1973	13.2	17.4	2065	16.2	21.2	18.1	23.7	22.0	27.9
1934	11.9	13.1	1974	13.5	17.7	2070	16.3	21.4	18.3	23.9	22.5	28.3
1935	11.9	13.2	1975	13.7	18.0	2075	16.4	21.5	18.4	24.1	22.9	28.8
1936	11.6	12.8	1976	13.7	18.1	2080	16.5	21.6	18.6	24.4	23.3	29.3
1937	11.8	13.1	1977	13.9	18.3							
1938	12.1	13.5	1978	13.9	18.3							
1939	12.0	13.4	1979	14.2	18.6							

Note: The life expectancy is the average number of years of life remaining to a person if he were to experience the age-specific mortality rates for the tabulated year throughout the remainder of his life.

Table 9. Central Death Rates, by Age, Sex and Marital State  
(per hundred thousand) based on 1980-81 Data

Sex	Age	Marital State				
		Total	Single	Married	Widowed	Divorced
Male	15-19	135.9	134.8	169.4	933.0	400.0
	20-24	193.9	211.7	135.9	1100.0	430.3
	25-29	192.5	276.2	123.0	1120.0	458.5
	30-34	192.1	355.3	128.5	1145.0	500.0
	35-39	241.8	592.5	171.7	1186.5	562.7
	40-44	357.6	746.4	275.8	1200.0	773.6
	45-49	581.0	1238.6	459.1	1266.6	1342.0
	50-54	932.8	1991.2	754.8	1748.4	2146.9
	55-59	1444.5	2556.0	1225.6	2414.0	3044.8
	60-64	2195.9	3398.1	1926.0	3473.3	4154.8
	65-69	3338.9	4756.3	2945.4	5559.8	5736.1
	70-74	4991.0	7147.0	4436.2	7160.9	7860.3
	75-79	7323.9	12872.2	6235.5	10567.0	13034.5
	80-84	11027.0	19506.0	9317.1	14027.2	17258.6
85-89	16433.6	26107.9	14240.1	18432.6	19259.8	
90-94	21981.3	32226.8	19333.7	23250.2	23000.0	
Female	15-19	51.8	51.5	50.7	270.0	75.0
	20-24	60.3	71.9	40.5	274.2	105.0
	25-29	67.5	110.7	46.5	282.3	120.3
	30-34	82.6	178.7	60.6	285.0	137.6
	35-39	122.4	277.9	95.0	300.0	205.7
	40-44	195.3	408.8	157.9	381.0	333.1
	45-49	319.0	544.0	265.3	587.3	508.1
	50-54	496.5	754.0	421.5	776.0	734.8
	55-59	746.3	1160.7	634.6	1006.8	1084.3
	60-64	1131.5	1606.3	939.0	1478.7	1573.9
	65-69	1705.2	2114.4	1426.6	1982.9	2475.8
	70-74	2621.7	3176.6	2137.3	2921.4	3719.3
	75-79	4132.5	4960.0	3409.5	4314.0	6340.0
	80-84	7095.9	8324.6	5179.4	7463.0	9920.4
85-89	11797.1	14681.1	7894.2	12717.1	12620.6	
90-94	17983.4	23584.7	12717.5	19202.2	17000.0	



Table 10. Assumed Annual Immigration by Age, Sex, and Alternative

Age	Alternative and Sex								
	I			II			III		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
0-4	50441	24954	25487	36025	17822	18203	21619	10696	10923
5-9	58491	29692	28799	41780	21209	20571	25067	12724	12343
10-14	61190	31049	30141	43708	22178	21530	26225	13307	12918
15-19	69763	33061	36702	49832	23616	26216	29897	14169	15728
20-24	93283	37052	56231	66631	26467	40164	39980	15880	24100
25-29	110360	53233	57127	78827	38023	40804	47296	22814	24482
30-34	73379	37008	36371	52414	26434	25980	31448	15860	15588
35-39	47094	23189	23905	33639	16564	17075	20182	9938	10244
40-44	33261	15974	17287	23759	11411	12348	14254	6846	7408
45-49	25797	11982	13815	18427	8559	9868	11055	5136	5919
50-54	20754	8852	11902	14824	6322	8502	8894	3794	5100
55-59	17218	6955	10263	12300	4969	7331	7380	2981	4399
60-64	14859	5842	9017	10613	4173	6440	6368	2504	3864
65-69	11519	4665	6854	8230	3333	4897	4936	1998	2938
70-74	6889	2761	4128	4920	1972	2948	2953	1184	1769
75-79	3394	1318	2076	2423	940	1483	1456	565	891
80-84	2308	851	1457	1648	608	1040	990	365	625
85+	0	0	0	0	0	0	0	0	0
0-19	239885	118756	121129	171345	84825	86520	102808	50896	51912
20-64	436005	200087	235918	311434	142922	168512	186857	85753	101104
65+	24110	9595	14515	17221	6853	10368	10335	4112	6223
Total	700000	328438	371562	500000	234600	265400	300000	140761	159239

Table 11. Assumed Central Marriage Rates, by Ages of Husband and Wife  
(per hundred thousand)

Age of Husband	Age of Wife							
	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
14-19	1285.3	388.9	57.0	19.5	5.9	1.7	.2	.0
20-24	2709.8	6415.7	1359.5	326.4	99.4	24.4	8.7	2.9
25-29	641.8	4874.1	4941.5	1463.6	392.1	112.4	27.3	7.9
30-34	202.3	1714.5	3744.0	3048.3	1082.3	332.0	93.4	21.1
35-39	77.1	703.4	1798.4	2574.8	1986.3	768.9	234.4	60.9
40-44	26.0	245.4	785.9	1392.9	1769.1	1355.5	545.8	149.7
45-49	11.7	88.5	330.8	750.2	1166.4	1371.8	1018.5	356.7
50-54	5.6	38.8	127.5	353.1	625.4	889.4	1065.6	721.6
55-59	2.2	18.9	55.4	149.9	267.0	469.6	677.0	719.8
60-64	1.4	7.4	21.0	56.5	98.6	204.8	318.4	483.0
65-69	1.0	3.1	9.1	20.6	39.2	70.1	130.7	214.8
70-74	1.3	2.4	3.6	6.3	15.6	33.8	56.2	79.6
75-79	.2	2.3	1.8	2.2	6.3	10.9	21.8	30.8
80-84	.0	.5	.5	1.0	3.3	3.9	6.0	12.9
85-89	.0	.0	.0	.1	.3	.0	2.0	4.4
90-94	.0	.0	.0	.0	.0	.0	.0	1.5

Age of Husband	Age of Wife							
	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
14-19	.0	.0	.0	.0	.0	.0	.0	.0
20-24	2.0	.3	.0	.0	.0	.0	.0	.0
25-29	2.4	.3	.1	.0	.0	.0	.0	.0
30-34	6.6	2.0	.3	.0	.0	.0	.0	.0
35-39	16.5	3.6	1.5	.3	.2	.2	.0	.0
40-44	40.2	9.2	4.7	.6	.2	.0	.0	.0
45-49	105.4	30.0	7.2	2.1	.5	.2	.0	.0
50-54	252.9	76.9	20.8	8.2	3.1	.8	.0	.0
55-59	525.3	203.5	56.1	16.4	4.1	.8	.0	.0
60-64	492.0	409.9	136.5	43.4	7.0	1.5	.0	.0
65-69	316.0	415.3	321.0	94.8	18.5	4.9	.1	.0
70-74	138.3	233.8	318.5	212.5	44.2	7.8	.7	.0
75-79	55.1	95.8	166.7	167.6	102.1	15.9	2.7	.0
80-84	17.7	40.9	67.0	81.4	57.5	33.2	8.8	.5
85-89	5.3	11.3	18.8	25.0	25.5	23.7	5.2	.0
90-94	3.3	2.2	4.0	8.0	7.9	6.0	3.6	4.3

Note: The central marriage rate is the ratio of the number of marriages during the year in the tabulated age cell to the square root of the product of the midyear number of unmarried males in the age group of husband and the midyear number of unmarried females in the age group of wife.

Table 12. Average of Calendar Years 1979 and 1981 Central Marriage Rates, by Age, Sex, and Marital State (per thousand)

Sex	Age	Marital State			
		Total	Single	Widowed	Divorced
Male	14-19	20.2	20.1	498.4	166.1
	20-24	95.4	90.5	380.1	267.2
	25-29	131.6	108.5	283.9	284.6
	30-34	127.8	74.1	170.0	241.7
	35-39	109.4	38.0	110.5	185.7
	40-44	106.8	32.8	102.8	175.3
	45-49	72.9	15.7	64.6	119.0
	50-54	67.0	13.0	60.3	108.1
	55-59	41.6	8.0	53.8	62.2
	60-64	37.7	7.1	49.8	54.8
	65-69	17.4	3.5	20.0	28.8
	70-74	15.3	3.0	17.1	25.4
	75-79	15.9	3.1	17.1	25.5
	80-84	16.3	3.1	17.1	25.5
	85-89	16.6	3.1	17.1	25.5
90-94	16.7	3.1	17.1	25.5	
Female	14-19	44.3	43.4	345.0	214.7
	20-24	119.2	108.9	183.8	261.2
	25-29	131.9	103.3	103.1	214.2
	30-34	102.2	61.5	65.2	145.6
	35-39	69.9	31.3	38.9	95.3
	40-44	63.8	27.0	35.2	87.4
	45-49	33.8	12.4	20.6	50.6
	50-54	26.9	10.4	18.3	44.3
	55-59	12.6	5.3	10.3	21.4
	60-64	10.0	4.4	8.9	17.9
	65-69	3.3	1.2	2.9	7.9
	70-74	2.5	.9	2.3	6.7
	75-79	2.4	.9	2.4	6.7
	80-84	2.4	.9	2.4	6.7
	85-89	2.4	.9	2.4	6.7
90-94	2.4	.9	2.4	6.7	

Note: The central marriage rate is the ratio of the number of marriages during the year in the tabulated age group and marital state to the midyear population in that age group and marital state.

**Table 13. Central Marriage Rates in the Marriage Registration Area Age-Adjusted to the Unmarried U.S. Population Aged 15 and Over as of April 1, 1980 (per hundred thousand unmarried of each sex)**

Calendar Year	Sex and Age																
	Male									Female							
	Total	14-19	20-24	25-29	30-34	35-44	45-54	55-64	65+	14-19	20-24	25-29	30-34	35-44	45-54	55-64	65+
1957	9656	1382	8887	6923	3465	2568	1285	706	382	5956	10064	4656	2578	1920	830	327	95
1958	9484	1464	9044	6324	3282	2464	1234	689	394	6052	10041	4153	2388	1826	821	329	101
1959	9736	1573	9388	6171	3359	2573	1311	695	423	6273	10339	4083	2397	1915	872	341	108
1960	9718	1575	9193	6300	3443	2566	1350	729	401	6053	10408	4371	2396	1854	879	328	109
1961	9215	1438	8351	6096	3588	2714	1283	703	408	5507	9723	4263	2582	1963	847	340	106
1962	9157	1449	8238	6085	3472	2849	1248	707	395	5308	9854	4286	2508	1954	866	342	101
1963	9386	1373	8573	6115	3600	2952	1374	727	415	5087	10451	4349	2767	1990	916	351	104
1964	9476	1349	8705	6146	3523	3062	1441	756	409	5087	10444	4559	2792	2025	940	388	105
1965	9526	1507	8599	6264	3434	2967	1542	742	402	5241	10360	4627	2678	2056	983	370	107
1966	9817	1682	8442	6921	3459	3019	1622	754	389	5227	10816	4921	2689	2169	983	375	109
1967	9584	1583	8279	6620	3475	3045	1599	766	391	4881	10562	5092	2675	2132	1004	371	107
1968	9822	1633	8818	6371	3657	2952	1650	744	404	4986	10844	5402	2694	2045	1007	386	109
1969	9786	1654	8748	6343	3556	3030	1558	840	412	4948	10850	5174	2747	2108	1012	423	117
1970	9363	1597	8508	5883	3357	2810	1556	813	417	4827	10353	4872	2496	2019	996	426	118
1971	9000	1626	7821	5651	3267	2903	1612	882	443	4710	9428	4772	2691	2111	1024	440	127
1972	9108	1713	7627	5862	3461	2889	1767	882	435	4864	9171	5008	2819	2185	1094	444	125
1973	8776	1650	7101	5593	3607	2956	1789	854	433	4617	8535	5084	2838	2231	1109	437	124
1974	8056	1532	6439	5175	3341	2715	1604	805	433	4264	7722	4698	2674	2063	993	413	123
1975	7412	1326	5591	4953	3211	2788	1551	776	425	3678	6987	4580	2653	2018	921	414	127
1976	7033	1196	5230	4684	3135	2758	1541	780	404	3352	6590	4412	2655	1968	949	397	119
1977	6716	1085	4984	4503	3143	2643	1411	755	375	3131	6308	4294	2578	1904	864	374	116
1978	6519	1022	4834	4381	3056	2636	1367	744	348	2953	6140	4252	2556	1854	861	353	104
1979	6398	968	4698	4364	2998	2551	1306	792	428	2807	6024	4182	2545	1857	820	385	144
1980	6006	899	4413	4100	2843	2396	1277	698	379	2593	5682	3951	2413	1786	786	328	118
1981	5867	839	4176	4043	2872	2403	1362	713	374	2403	5401	4020	2503	1863	793	335	120

Note: The first step in calculating the total age-adjusted central marriage rate for a particular year is to determine an expected number of marriages by applying the age-of-husband-age-of-wife-specific central marriage rates for that year to the square root of the product of the corresponding age groupings of unmarried males and unmarried females in the 1980 census population. The total age-adjusted central marriage rate is then obtained by dividing the expected number of marriages by the square root of the product of the number of unmarried males (aged 15 and over) and unmarried females (aged 15 and over) in the 1980 census population. The age-adjusted central marriage rate for a particular age-sex grouping is calculated in a similar manner. Instead of the standard population being the total 1980 census population, it reduces to the particular age-sex grouping and all members of the opposite sex.

Table 14. Assumed Central Divorce Rates, by Ages of Husband and Wife  
(per hundred thousand)

Age of Husband	Age of Wife							
	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
14-19	4016.6	3808.3	3178.6	4184.3	1417.5	381.1	40.3	29.5
20-24	5072.5	5160.7	3411.1	3770.3	3509.5	2560.2	1282.9	484.6
25-29	3843.5	5160.2	4725.0	3102.7	3611.6	3528.3	2894.8	1941.3
30-34	5320.5	4790.7	4076.1	3544.0	2762.9	3376.8	3606.0	3141.6
35-39	7060.3	6202.7	3939.0	2867.8	2737.8	2449.0	3019.3	2975.3
40-44	6622.8	6981.7	5183.0	2965.2	2186.3	2144.2	1930.7	2037.3
45-49	3899.2	6128.8	5408.9	3559.8	2207.8	1604.3	1400.2	1171.3
50-54	1818.6	4689.1	5200.0	4255.7	2711.3	1524.1	1014.9	846.4
55-59	860.4	3068.3	4304.8	4148.8	3040.5	1797.0	1003.6	599.2
60-64	852.2	2483.8	3777.8	4037.2	3073.4	1868.7	1038.1	536.0
65-69	1050.1	2340.0	3794.5	3979.9	3052.6	1927.6	1065.7	548.9
70-74	1296.9	2553.7	3444.0	3884.8	3033.7	1910.4	1057.3	557.3
75-79	1409.6	2747.1	3633.1	3963.8	3176.2	1942.5	1102.0	586.7
80-84	1288.2	3020.9	3734.4	4151.7	3240.6	2058.8	1187.4	612.8
85-89	1495.2	3708.9	4156.6	4317.7	3392.8	2188.8	1316.3	726.5
90-94	1807.7	3728.1	3599.5	3645.5	2860.2	1877.5	1191.7	708.9

Age of Husband	Age of Wife							
	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
14-19	85.3	94.5	95.0	86.3	85.0	53.3	38.8	50.5
20-24	129.4	148.7	183.1	265.6	336.9	310.9	243.7	227.4
25-29	1009.2	689.4	636.4	653.5	729.9	809.8	806.3	788.1
30-34	1699.0	1145.1	839.9	719.9	722.6	894.6	976.5	1102.9
35-39	2026.4	1692.6	1427.9	1282.4	1279.9	1567.1	1487.8	1516.2
40-44	1588.8	1402.6	1336.5	1269.9	1409.0	1523.7	1378.5	1309.7
45-49	1139.6	1064.6	1051.4	1046.6	1026.3	1169.3	1015.2	955.2
50-54	695.9	708.5	731.5	702.3	737.7	869.8	785.5	794.3
55-59	297.4	247.9	290.3	310.4	340.2	389.4	357.6	373.7
60-64	251.2	246.0	231.4	233.6	250.6	271.0	273.7	298.1
65-69	257.3	241.4	254.3	228.2	225.1	232.8	243.5	256.4
70-74	258.8	234.5	245.5	255.9	230.0	225.5	244.4	242.1
75-79	269.7	232.1	235.8	243.9	253.5	227.8	261.4	250.6
80-84	270.0	214.7	215.8	219.5	231.5	264.7	251.5	241.4
85-89	336.6	262.9	258.6	266.6	257.9	223.1	205.4	196.8
90-94	359.7	264.8	234.5	234.6	232.2	228.1	223.3	220.8

Note: The central divorce rate is the ratio of the number of divorces during the year in the tabulated age cell to the midyear number of married couples in that cell.

Table 15. Selected Vital Events in the Social Security Area, By Calendar Year and Alternative

Calendar Year	Alternative and Type of Event											
	I				II				III			
	Births	Deaths	Marriages	Divorces	Births	Deaths	Marriages	Divorces	Births	Deaths	Marriages	Divorces
1984	3762614	2090502	2596186	1227796	3749077	2070155	2592821	1227807	3731371	2049982	2589461	1227819
1985	3824123	2121277	2652476	1254981	3780036	2080918	2642703	1254900	3719627	2041260	2632950	1254828
1986	3872113	2151903	2697823	1268982	3789615	2092631	2682268	1268595	3675577	2035054	2666744	1268217
1987	3911011	2182253	2734098	1268837	3791475	2105179	2713310	1267968	3626267	2031248	2692541	1267128
1988	3941003	2212282	2762364	1262051	3785924	2118500	2736767	1260601	3571983	2029685	2711165	1259153
1989	3962232	2242000	2782952	1265861	3772575	2132613	2752931	1263732	3512748	2030277	2722863	1261571
1990	3974902	2271457	2796499	1278914	3751825	2147575	2762356	1276028	3449196	2033024	2728145	1273116
1991	3980051	2300665	2804264	1286390	3725482	2163449	2766236	1282704	3383046	2038007	2728134	1278956
1992	3980206	2329738	2807538	1287130	3695892	2180450	2765839	1282601	3316254	2045386	2724064	1277980
1993	3978473	2358802	2807490	1284812	3665687	2198872	2762319	1279433	3251142	2055409	2717040	1273910
1994	3977545	2387944	2804910	1285084	3637527	2219004	2756426	1278816	3190394	2068379	2707789	1272348
1995	3979781	2417291	2801667	1287499	3613832	2241144	2749971	1280335	3135911	2084465	2698090	1272906
1996	3987266	2446958	2800329	1287771	3596493	2265496	2745553	1279691	3088969	2103571	2690516	1271317
1997	4001301	2477007	2802968	1285419	3586546	2292057	2745201	1276391	3050450	2125382	2687141	1267036
1998	4022242	2507473	2811088	1282180	3583953	2320657	2750418	1272211	3020158	2149444	2689435	1261829
1999	4049812	2538412	2824114	1280071	3587752	2350988	2760642	1269123	2996979	2175158	2696749	1257780
2000	4083040	2569899	2840485	1279167	3596911	2382672	2774279	1267243	2979421	2202014	2707538	1254918
2005	4320651	2736171	2933583	1279361	3703269	2551619	2849412	1262368	2939319	2343182	2761701	1244822
2010	4591156	2915999	3017107	1291147	3819275	2726442	2888443	1265472	2888247	2484988	2741499	1237744
2015	4720500	3110643	3082508	1309348	3821369	2906098	2887183	1266289	2769416	2625794	2652571	1216118
2020	4823694	3331127	3138992	1332486	3783906	3100394	2870434	1264385	2610018	2773151	2543201	1182129
2025	4960365	3585182	3222641	1363012	3776654	3320560	2876415	1265091	2484336	2940573	2454993	1145564
2030	5161066	3857071	3341018	1403867	3823364	3559560	2908998	1271781	2406095	3130308	2387470	1110859
2035	5379210	4109159	3459289	1452972	3881931	3790534	2938093	1282839	2340862	3330033	2317583	1077575
2040	5567008	4297697	3561644	1502264	3911336	3971674	2948777	1292174	2258519	3505468	2233128	1042421
2045	5725787	4405633	3659486	1549940	3914018	4077921	2951396	1298689	2162377	3625403	2143515	1006126
2050	5892604	4440181	3769339	1598153	3920292	4103047	2961954	1304468	2072988	3667879	2062994	970419
2055	6088778	4436697	3895407	1649776	3946860	4067646	2984081	1312051	2000586	3631637	1994066	937258
2060	6302602	4442496	4027180	1704975	3983783	4012341	3008542	1321551	1938024	3545266	1929615	906451
2065	6510855	4491842	4154449	1761707	4013322	3973711	3026998	1331223	1874432	3442008	1863951	877011
2070	6707268	4589261	4277912	1818412	4031160	3967735	3040212	1339912	1807561	3350572	1797952	848122
2075	6904403	4715082	4405292	1875470	4046713	3982238	3054424	1347997	1742745	3272990	1735730	820161
2080	7115047	4851970	4540738	1934152	4068826	4000705	3072810	1356427	1684419	3195164	1679148	793608

Table 16a. Alternative I Population in the Social Security Area as of July 1 and Selected Ratios, by Year

Year	Marital State					Population (in thousands)			Dependency Ratio		Disunity Ratio
	Single	Married	Widowed	Divorced	Total	Age			Aged	Total	
						0-19	20-64	65+			
1940	66061	61402	8431	1604	137498	46897	81406	9194	.113	.689	.023
1950	68327	76735	9933	2318	157313	53280	91432	12601	.138	.721	.027
1960	86867	87928	11170	2977	188943	73108	98689	17147	.174	.915	.030
1970	97895	98765	12792	4582	214034	80738	112613	20684	.184	.901	.041
1980	101736	109100	14447	10602	235885	74934	134850	26100	.194	.749	.086
1981	102379	109702	14569	11650	238299	74272	137374	26653	.194	.735	.094
1982	103243	110659	14472	12369	240743	73846	139666	27232	.195	.724	.099
1983	104708	111089	14731	12539	243066	73428	141838	27799	.196	.714	.100
1984	105312	111963	14793	13351	245418	73032	143965	28421	.197	.705	.105
1985	105936	112869	14861	14144	247810	72877	145862	29071	.199	.699	.111
1986	106585	113807	14935	14897	250224	73003	147470	29751	.202	.697	.116
1987	107263	114790	15011	15587	252651	73284	148942	30425	.204	.696	.120
1988	107967	115827	15088	16200	255081	73674	150368	31039	.206	.696	.124
1989	108690	116905	15165	16747	257508	73988	151891	31629	.208	.695	.127
1990	109430	117966	15243	17282	259922	74212	153502	32208	.210	.693	.130
1991	110191	119005	15319	17800	262315	74437	155157	32721	.211	.691	.133
1992	110972	120028	15394	18287	264681	75004	156496	33181	.212	.691	.135
1993	111774	121039	15467	18736	267016	75678	157730	33608	.213	.693	.137
1994	112597	122033	15539	19151	269320	76401	158952	33968	.214	.694	.139
1995	113443	122995	15609	19548	271595	77045	160224	34325	.214	.695	.141
1996	114312	123930	15677	19926	273845	77745	161497	34604	.214	.696	.143
1997	115200	124849	15744	20283	276076	78339	162970	34767	.213	.694	.144
1998	116104	125766	15809	20615	278294	78954	164410	34929	.212	.693	.146
1999	117014	126693	15873	20926	280505	79440	165997	35068	.211	.690	.147
2000	117927	127633	15936	21220	282716	79741	167740	35235	.210	.685	.148
2010	127795	137745	16669	23417	305626	84410	181942	39274	.216	.680	.152
2020	138677	147056	18255	24652	328640	91558	185573	51510	.278	.771	.149
2030	149040	154020	20981	25431	349472	97940	187284	64249	.343	.866	.145
2040	158996	160750	23173	26305	369224	104487	198910	65827	.331	.856	.143
2050	169355	168970	23734	27498	389558	112003	211644	65911	.311	.841	.143
2060	180245	179808	23898	29143	413093	119144	225446	68503	.304	.832	.143
2070	191834	192301	24933	31118	440185	126921	240911	72354	.300	.827	.143
2080	203935	205424	26489	33235	469083	135030	255624	78430	.307	.835	.143

Note: The aged dependency ratio is the ratio of the number of persons aged 65 and older to the number of persons aged 20 to 64. The total dependency ratio is the same as the aged dependency ratio except the number of persons under age 20 are also included in the numerator of the ratio. The disunity ratio is the ratio of the number of divorced persons to the number of married and widowed persons.

Table 16b. Alternative II Population in the Social Security Area as of July 1 and Selected Ratios, by Year

Year	Marital State					Population (in thousands)			Dependency Ratio		Disunity Ratio
	Single	Married	Widowed	Divorced	Total	Age			Aged	Total	
						0-19	20-64	65+			
1940	66061	61402	8431	1604	137498	46897	81406	9194	.113	.689	.023
1950	68327	76735	9933	2318	157313	53280	91432	12601	.138	.721	.027
1960	86867	87928	11170	2977	188943	73108	98689	17147	.174	.915	.030
1970	97895	98765	12792	4582	214034	80738	112613	20684	.184	.901	.041
1980	101736	109100	14447	10602	235885	74934	134850	26100	.194	.749	.086
1981	102379	109702	14569	11650	238299	74272	137374	26653	.194	.735	.094
1982	103243	110659	14472	12369	240743	73846	139666	27232	.195	.724	.099
1983	104708	111089	14731	12539	243066	73428	141838	27799	.196	.714	.100
1984	105166	111971	14777	13312	245226	72966	143839	28420	.198	.705	.105
1985	105632	112889	14830	14072	247424	72728	145614	29082	.200	.699	.110
1986	106095	113841	14889	14799	249624	72739	147100	29785	.202	.697	.115
1987	106559	114842	14950	15467	251818	72871	148452	30495	.205	.696	.119
1988	107020	115901	15013	16062	253997	73081	149760	31155	.208	.696	.123
1989	107474	117006	15077	16595	256153	73185	151166	31802	.210	.695	.126
1990	107919	118097	15142	17119	258277	73169	152660	32448	.213	.692	.128
1991	108358	119169	15207	17628	260361	73126	154199	33037	.214	.688	.131
1992	108793	120227	15271	18109	262401	73399	155421	33580	.216	.688	.134
1993	109227	121276	15336	18554	264392	73753	156540	34099	.218	.689	.136
1994	109659	122309	15399	18967	266334	74133	157646	34555	.219	.689	.138
1995	110093	123310	15462	19364	268229	74413	158802	35015	.220	.689	.140
1996	110529	124282	15525	19743	270080	74724	159957	35398	.221	.688	.141
1997	110966	125236	15587	20102	271891	74911	161314	35666	.221	.685	.143
1998	111397	126185	15649	20437	273669	75098	162637	35934	.221	.683	.144
1999	111817	127138	15711	20751	275418	75136	164105	36177	.220	.678	.145
2000	112220	128099	15774	21050	277142	74969	165728	36445	.220	.672	.146
2010	115903	137994	16494	23287	293679	74226	178091	41362	.232	.649	.151
2020	119738	145641	17938	24428	307744	76051	177210	54484	.307	.737	.149
2030	122615	149406	20500	24845	317366	76872	172213	68280	.396	.843	.146
2040	124476	151040	22795	25000	323311	77522	174997	70791	.405	.848	.144
2050	126076	152195	23434	25104	326809	78830	176638	71340	.404	.850	.143
2060	127621	154479	23153	25397	330651	79569	178449	72633	.407	.853	.143
2070	129312	157520	23262	25882	335975	80555	181495	73925	.407	.851	.143
2080	131031	160515	23659	26418	341623	81565	183218	76840	.419	.865	.143

Note: The aged dependency ratio is the ratio of the number of persons aged 65 and older to the number of persons aged 20 to 64. The total dependency ratio is the same as the aged dependency ratio except the number of persons under age 20 are also included in the numerator of the ratio. The disunity ratio is the ratio of the number of divorced persons to the number of married and widowed persons.



Table 16c. Alternative III Population in the Social Security Area as of July 1 and Selected Ratios, by Year

Year	Marital State					Population (in thousands)			Dependency Ratio		Disunity Ratio
	Single	Married	Widowed	Divorced	Total	Age			Aged	Total	
						0-19	20-64	65+			
1940	66061	61402	8431	1604	137498	46897	81406	9194	.113	.689	.023
1950	68327	76735	9933	2318	157313	53280	91432	12601	.138	.721	.027
1960	86867	87928	11170	2977	188943	73108	98689	17147	.174	.915	.030
1970	97895	98765	12792	4582	214034	80738	112613	20684	.184	.901	.041
1980	101736	109100	14447	10602	235885	74934	134850	26100	.194	.749	.086
1981	102379	109702	14569	11650	238299	74272	137374	26653	.194	.735	.094
1982	103243	110659	14472	12369	240743	73846	139666	27232	.195	.724	.099
1983	104708	111089	14731	12539	243066	73428	141838	27799	.196	.714	.100
1984	105020	111980	14762	13273	245033	72901	143714	28419	.198	.705	.105
1985	105320	112908	14799	14001	247029	72572	145365	29092	.200	.699	.110
1986	105572	113874	14842	14701	248990	72442	146730	29819	.203	.697	.114
1987	105782	114892	14889	15347	250910	72386	147961	30562	.207	.696	.118
1988	105948	115970	14938	15923	252780	72364	149150	31267	.210	.695	.122
1989	106068	117096	14989	16441	254594	72192	150436	31967	.212	.692	.124
1990	106139	118211	15042	16952	256345	71860	151811	32675	.215	.689	.127
1991	106171	119309	15095	17451	258027	71464	153229	33334	.218	.684	.130
1992	106167	120395	15150	17924	259635	71349	154331	33954	.220	.682	.132
1993	106130	121471	15205	18363	261168	71284	155329	34555	.222	.681	.134
1994	106063	122531	15260	18772	262627	71215	156312	35100	.225	.680	.136
1995	105971	123559	15316	19166	264012	71016	157345	35651	.227	.678	.138
1996	105856	124557	15373	19543	265330	70824	158376	36129	.228	.675	.140
1997	105717	125535	15430	19901	266583	70481	159608	36494	.229	.670	.141
1998	105549	126507	15488	20236	267780	70113	160806	36860	.229	.665	.143
1999	105345	127482	15546	20552	268925	69573	162149	37203	.229	.659	.144
2000	105103	128464	15604	20852	270023	68805	163645	37573	.230	.650	.145
2010	101196	138340	16263	23155	278955	61416	173909	43629	.251	.604	.150
2020	97141	144448	17466	24262	283317	57489	167486	58342	.348	.692	.150
2030	92647	145089	19688	24373	281798	53106	154338	74354	.482	.826	.148
2040	87433	141628	22012	23843	274915	48908	146759	79248	.540	.873	.146
2050	82118	135540	22900	22862	263420	45660	136126	81634	.600	.935	.144
2060	76973	129079	22358	21797	250207	42338	126016	81853	.650	.986	.144
2070	72256	122896	21530	20826	237508	39471	118238	79800	.675	1.009	.144
2080	67935	116651	20719	19909	225214	36911	110051	78252	.711	1.046	.145

Note: The aged dependency ratio is the ratio of the number of persons aged 65 and older to the number of persons aged 20 to 64. The total dependency ratio is the same as the aged dependency ratio except the number of persons under age 20 are also included in the numerator of the ratio. The disunity ratio is the ratio of the number of divorced persons to the number of married and widowed persons.

Table 17a. July 1, 1940 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	11166	5685	5685	0	0	0	5481	5481	0	0	0
5-9	11166	5677	5677	0	0	0	5489	5489	0	0	0
10-14	11992	6088	6087	1	0	0	5905	5897	8	0	0
15-19	12573	6337	6185	149	2	2	6236	5455	763	8	10
20-24	12036	5995	4327	1635	10	22	6041	2961	2982	39	59
25-29	11942	5987	2180	3708	32	67	5955	1333	4404	101	117
30-34	10883	5510	1631	3763	42	74	5373	964	4167	125	117
35-39	10132	5204	963	4036	95	110	4928	563	3970	265	130
40-44	9196	4765	782	3769	107	108	4431	454	3574	285	119
45-49	8638	4514	651	3579	178	105	4125	381	3205	440	99
50-54	7450	3918	510	3072	246	90	3532	308	2573	578	73
55-59	6128	3182	398	2429	286	68	2946	262	1956	677	51
60-64	5001	2534	298	1822	366	48	2467	223	1384	826	34
65-69	3717	1870	204	1213	423	29	1847	170	773	887	17
70-74	2603	1278	135	783	343	18	1324	123	455	737	9
75-79	1636	768	81	470	206	11	868	81	298	483	6
80-84	839	378	39	208	126	5	461	43	142	273	3
85-89	296	126	13	52	59	2	170	16	40	113	1
90-94	86	34	3	9	20	0	52	5	8	39	0
95+	17	6	1	1	5	0	11	1	1	9	0
0-19	46897	23787	23634	149	2	2	23110	22322	770	8	10
20-64	81406	41609	11740	27815	1363	692	39797	7450	28214	3335	797
65+	9194	4460	476	2737	1182	65	4734	439	1717	2541	38
20-65	82230	42026	11786	28097	1444	699	40204	7487	28407	3508	802
20-66	83018	42423	11830	28359	1528	705	40595	7523	28580	3686	806
20-67	83767	42799	11871	28603	1614	711	40968	7557	28735	3866	809
20-68	84470	43151	11909	28826	1700	716	41318	7590	28871	4046	812
20-69	85123	43479	11944	29028	1786	721	41645	7620	28987	4222	815
66+	8370	4043	430	2455	1101	58	4327	402	1524	2368	33
67+	7583	3646	386	2193	1017	51	3937	366	1351	2191	29
68+	6834	3270	345	1949	931	45	3564	332	1196	2010	26
69+	6131	2918	307	1726	845	40	3213	299	1060	1831	23
70+	5477	2591	272	1523	759	36	2887	269	944	1654	21
TOTAL	137498	69856	35850	30701	2547	758	67642	30211	30701	5884	846

Table 17b. July 1, 1950 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	17200	8782	8782	0	0	0	8418	8418	0	0	0
5-9	13915	7100	7100	0	0	0	6815	6815	0	0	0
10-14	11413	5817	5816	0	0	0	5596	5584	11	0	1
15-19	10752	5406	5162	239	1	5	5346	4346	977	7	16
20-24	11858	5861	3419	2405	5	32	5997	2092	3777	29	98
25-29	13062	6482	1606	4765	18	92	6581	881	5469	74	156
30-34	12206	6080	1184	4769	26	101	6125	652	5217	100	157
35-39	11866	5997	806	4979	72	139	5869	512	4918	245	194
40-44	10645	5435	675	4543	82	134	5209	436	4328	269	176
45-49	9479	4840	587	3983	135	136	4639	372	3682	447	138
50-54	8464	4293	495	3475	201	122	4171	320	3096	646	109
55-59	7522	3797	404	3030	266	97	3725	275	2539	824	87
60-64	6330	3168	308	2393	392	75	3162	235	1833	1036	58
65-69	4963	2426	216	1650	504	57	2538	199	1104	1207	27
70-74	3461	1642	140	1051	412	38	1820	146	655	1006	12
75-79	2310	1053	90	674	264	25	1257	101	452	695	9
80-84	1235	538	45	310	170	12	697	56	226	411	5
85-89	468	191	16	83	88	4	276	22	67	185	2
90-94	136	51	4	15	31	1	85	7	14	64	1
95+	27	9	1	1	7	0	18	1	1	15	0
0-19	53280	27106	26861	239	1	5	26175	25162	989	7	16
20-64	91432	45954	9485	34343	1198	929	45478	5775	34859	3670	1174
65+	12601	5911	511	3786	1475	138	6690	533	2520	3582	56
20-65	92516	46491	9534	34724	1293	941	46024	5817	35127	3899	1181
20-66	93566	47007	9580	35081	1392	953	46559	5859	35374	4139	1188
20-67	94574	47498	9624	35414	1495	965	47076	5899	35598	4386	1193
20-68	95517	47955	9664	35717	1598	976	47563	5938	35794	4633	1198
20-69	96395	48380	9700	35993	1701	986	48015	5974	35964	4877	1201
66+	11517	5373	462	3405	1381	125	6144	491	2252	3353	49
67+	10467	4858	416	3048	1281	113	5609	449	2005	3113	42
68+	9459	4367	372	2715	1178	102	5092	409	1781	2865	37
69+	8516	3910	332	2412	1075	91	4606	370	1585	2618	32
70+	7638	3485	296	2136	972	81	4153	334	1415	2374	29
TOTAL	157313	78970	36857	38368	2674	1072	78343	31470	38368	7259	1246

Table 17c. July 1, 1960 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	21353	10899	10899	0	0	0	10454	10454	0	0	0
5-9	19718	10066	10066	0	0	0	9652	9652	0	0	0
10-14	17735	9058	9056	2	0	0	8677	8665	11	0	0
15-19	14302	7282	6912	364	0	5	7020	5901	1085	4	30
20-24	11896	5995	3464	2500	1	30	5901	2007	3783	17	94
25-29	11631	5852	1525	4243	6	79	5779	663	4931	40	144
30-34	12554	6283	878	5265	21	119	6271	445	5547	85	194
35-39	12984	6455	659	5612	43	142	6528	392	5714	190	232
40-44	12017	5974	583	5204	50	137	6043	362	5239	221	221
45-49	11267	5591	524	4817	99	152	5676	385	4641	427	222
50-54	10234	5034	449	4261	167	157	5201	367	3938	695	201
55-59	8582	4174	353	3453	225	144	4408	296	3049	912	151
60-64	7523	3565	282	2882	288	112	3958	276	2407	1162	112
65-69	6514	3015	219	2384	345	66	3499	276	1777	1373	73
70-74	4858	2194	157	1614	386	36	2664	224	1065	1333	42
75-79	3159	1368	104	875	368	21	1790	153	506	1108	24
80-84	1645	673	53	355	254	10	972	84	191	685	12
85-89	719	279	22	111	142	4	440	38	65	331	5
90-94	210	75	6	20	48	1	135	12	13	108	2
95+	42	14	1	2	11	0	29	2	1	24	0
0-19	73108	37305	36934	366	0	5	35803	34673	1096	4	30
20-64	98689	48923	8716	38237	899	1072	49765	5193	39250	3750	1572
65+	17147	7617	561	5362	1554	140	9530	790	3618	4963	158
20-65	100081	49573	8765	38755	964	1089	50508	5249	39656	4013	1590
20-66	101440	50205	8812	39257	1033	1104	51235	5305	40039	4285	1606
20-67	102757	50814	8856	39738	1103	1117	51943	5361	40398	4564	1621
20-68	104015	51393	8897	40194	1173	1129	52621	5416	40727	4845	1634
20-69	105202	51938	8935	40621	1243	1138	53264	5469	41027	5124	1645
66+	15754	6967	513	4844	1488	123	8787	734	3212	4700	141
67+	14395	6335	466	4342	1419	108	8060	678	2829	4428	125
68+	13078	5726	422	3860	1349	95	7352	622	2471	4149	110
69+	11820	5147	380	3404	1279	83	6674	567	2141	3869	97
70+	10633	4602	342	2978	1209	73	6031	514	1841	3590	85
TOTAL	188943	93845	46211	43964	2452	1217	95098	40656	43964	8718	1760

Table 17d. July 1, 1970 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18227	9307	9307	0	0	0	8920	8920	0	0	0
5-9	21013	10725	10725	0	0	0	10287	10287	0	0	0
10-14	21580	11006	11003	2	0	0	10574	10564	10	0	0
15-19	19918	10142	9681	456	1	5	9775	8493	1257	3	22
20-24	17908	9056	5288	3670	2	96	8853	3551	5087	23	192
25-29	14661	7358	1744	5438	6	170	7302	969	6006	27	300
30-34	12258	6125	700	5231	10	184	6133	416	5379	51	286
35-39	11772	5902	501	5193	27	181	5871	325	5134	108	304
40-44	12499	6224	481	5482	53	208	6275	315	5407	213	341
45-49	12658	6234	499	5413	90	230	6425	317	5364	416	328
50-54	11453	5594	458	4798	131	207	5859	315	4597	665	282
55-59	10373	4990	406	4242	176	167	5382	340	3825	968	249
60-64	9031	4217	348	3488	249	132	4813	339	2985	1288	200
65-69	7006	3155	272	2484	302	96	3851	292	1966	1462	130
70-74	5545	2347	195	1711	378	62	3199	248	1266	1602	82
75-79	4134	1650	120	1074	425	31	2484	187	681	1573	43
80-84	2465	923	62	505	342	14	1542	114	289	1119	19
85-89	1137	396	27	164	200	6	741	55	105	572	9
90-94	328	103	7	29	66	2	225	17	21	184	3
95+	70	20	1	3	16	0	50	4	2	43	1
0-19	80738	41181	40717	459	1	5	39557	38265	1267	3	22
20-64	112613	55700	10425	42954	746	1575	56913	6888	43784	3759	2482
65+	20684	8593	684	5969	1728	211	12091	916	4332	6555	287
20-65	114158	56410	10485	43524	804	1597	57748	6949	44245	4040	2513
20-66	115628	57079	10542	44056	864	1617	58549	7009	44671	4328	2541
20-67	117033	57713	10597	44554	925	1637	59320	7068	45063	4622	2567
20-68	118319	58287	10647	45001	985	1654	60032	7123	45410	4909	2590
20-69	119619	58855	10697	45439	1048	1671	60763	7180	45750	5221	2612
66+	19139	7883	624	5400	1670	189	11256	855	3870	6274	257
67+	17668	7214	567	4868	1610	169	10454	795	3445	5987	228
68+	16264	6581	512	4370	1549	149	9683	736	3052	5693	202
69+	14978	6007	462	3923	1490	132	8971	681	2705	5405	180
70+	13678	5438	412	3485	1426	115	8240	624	2365	5094	157
TOTAL	214034	105474	51826	49383	2475	1791	108560	46069	49383	10317	2792

Table 17e. July 1, 1980 Population in the Social Security Area, by Age, Sex, and Marital State (in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	17308	8859	8859	0	0	0	8449	8449	0	0	0
5-9	17406	8910	8910	0	0	0	8497	8497	0	0	0
10-14	18698	9547	9545	2	0	0	9151	9143	8	0	0
15-19	21522	10978	10602	365	1	11	10544	9541	957	4	41
20-24	22291	11330	7831	3298	3	198	10961	5749	4787	23	401
25-29	20687	10480	3720	6207	9	544	10207	2364	6964	44	834
30-34	18525	9324	1627	6958	14	725	9201	968	7134	105	993
35-39	14984	7510	691	6174	22	623	7475	482	6039	133	821
40-44	12313	6135	436	5143	34	521	6178	310	5030	187	651
45-49	11601	5716	389	4816	74	437	5886	281	4704	333	569
50-54	12053	5830	382	4923	136	389	6224	292	4776	623	533
55-59	11961	5707	355	4818	206	329	6254	288	4515	994	457
60-64	10435	4892	291	4087	263	251	5543	267	3606	1336	333
65-69	8841	3915	226	3201	300	188	4926	263	2716	1716	230
70-74	6885	2892	156	2255	364	117	3994	231	1744	1874	144
75-79	4876	1876	90	1351	381	54	3000	185	912	1819	83
80-84	3099	1063	47	656	336	24	2036	129	426	1434	47
85-89	1666	513	23	239	240	11	1154	73	182	872	27
90-94	580	161	7	51	100	4	419	27	45	338	10
95+	152	39	2	6	31	1	114	7	6	98	3
0-19	74934	38293	37916	366	1	11	36641	35630	965	4	41
20-64	134850	66924	15722	46425	761	4017	67927	11002	47555	3778	5592
65+	26100	10459	551	7759	1751	398	15642	916	6030	8152	544
20-65	136740	67784	15772	47134	819	4059	68956	11055	48162	4094	5645
20-66	138558	68604	15820	47807	879	4099	69953	11107	48731	4421	5695
20-67	140315	69390	15865	48449	939	4136	70925	11159	49266	4760	5740
20-68	142076	70134	15908	49055	1000	4171	71941	11214	49805	5137	5785
20-69	143691	70839	15948	49626	1061	4204	72852	11265	50271	5494	5822
66+	24211	9599	501	7050	1693	356	14612	863	5422	7836	490
67+	22393	8778	453	6376	1633	316	13615	811	4853	7509	441
68+	20636	7993	408	5734	1573	278	12643	759	4319	7170	396
69+	18875	7248	365	5128	1512	243	11627	704	3779	6793	351
70+	17260	6544	325	4557	1451	210	10716	653	3314	6436	314
TOTAL	235885	115676	54188	54550	2513	4425	120209	47548	54550	11934	6177

Table 18a. July 1, 1985 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18935	9693	9693	0	0	0	9242	9242	0	0	0
5-9	17530	8969	8969	0	0	0	8561	8561	0	0	0
10-14	17476	8939	8938	1	0	0	8537	8534	3	0	0
15-19	18936	9668	9528	136	0	3	9268	8725	527	0	16
20-24	21973	11212	8261	2750	3	198	10762	6127	4237	12	386
25-29	22833	11601	4938	5941	10	712	11232	3280	6933	45	974
30-34	20890	10559	2541	7024	12	982	10330	1593	7450	75	1212
35-39	18862	9483	1285	7167	23	1007	9380	840	7122	128	1290
40-44	14879	7431	619	5959	36	817	7448	434	5737	203	1074
45-49	12253	6059	409	4973	63	614	6194	300	4776	309	808
50-54	11277	5484	338	4551	107	489	5792	260	4402	488	642
55-59	11619	5551	294	4688	172	397	6068	266	4376	880	547
60-64	11277	5265	248	4471	251	295	6012	263	3995	1311	443
65-69	9324	4203	219	3458	332	194	5121	241	2890	1673	318
70-74	7724	3223	177	2534	388	124	4501	228	2047	1998	229
75-79	5571	2150	88	1592	401	69	3420	188	1121	1983	129
80-84	3609	1231	35	819	343	34	2378	139	520	1656	63
85-89	1875	552	15	286	235	15	1323	76	222	991	34
90-94	750	195	5	73	111	5	555	31	68	442	15
95+	218	50	1	10	37	1	168	9	11	143	5
0-19	72877	37269	37128	137	0	3	35608	35062	530	0	16
20-64	145862	72644	18933	47523	677	5511	73218	13363	49027	3452	7376
65+	29071	11605	540	8774	1847	444	17466	910	6878	8885	793
20-65	147937	73598	18980	48320	740	5558	74339	13414	49706	3768	7451
20-66	149913	74500	19026	49068	804	5601	75413	13464	50334	4096	7520
20-67	151743	75322	19069	49743	870	5639	76421	13511	50899	4429	7582
20-68	153488	76098	19111	50376	938	5673	77390	13558	51422	4770	7640
20-69	155186	76847	19152	50981	1008	5705	78340	13604	51917	5125	7694
66+	26996	10651	493	7977	1784	397	16346	859	6199	8569	719
67+	25020	9749	447	7229	1719	353	15272	809	5571	8241	650
68+	23190	8926	404	6554	1653	316	14264	762	5006	7908	587
69+	21445	8150	362	5921	1586	281	13295	716	4483	7567	530
70+	19747	7402	321	5316	1516	250	12345	670	3988	7212	475
TOTAL	247810	121517	56601	56435	2524	5958	126293	49335	56435	12337	8185

Table 18b. July 1, 1990 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19476	9963	9963	0	0	0	9512	9512	0	0	0
5-9	19180	9812	9812	0	0	0	9368	9368	0	0	0
10-14	17808	9108	9107	1	0	0	8699	8697	3	0	0
15-19	17749	9067	8955	110	0	1	8682	8210	461	0	11
20-24	19238	9770	7476	2155	1	138	9469	5517	3649	6	297
25-29	22363	11338	4935	5691	6	707	11024	3200	6833	29	961
30-34	23187	11744	3289	7313	15	1126	11442	2145	7842	68	1387
35-39	21055	10616	1973	7471	23	1149	10439	1267	7569	115	1488
40-44	18885	9463	1116	7137	43	1168	9421	747	6926	201	1547
45-49	14798	7354	562	5818	64	910	7444	405	5484	312	1244
50-54	12060	5913	376	4819	101	617	6147	288	4504	466	889
55-59	10925	5242	303	4331	157	451	5684	249	4050	723	663
60-64	10992	5143	257	4289	246	350	5849	249	3861	1202	537
65-69	10308	4657	206	3854	348	249	5651	241	3300	1685	424
70-74	8126	3476	167	2749	406	154	4651	213	2186	1960	292
75-79	6274	2407	110	1797	412	88	3866	189	1360	2120	197
80-84	4081	1400	41	961	355	43	2681	140	624	1818	98
85-89	2222	648	12	374	244	19	1574	85	234	1213	42
90-94	892	217	3	94	113	7	675	33	79	544	19
95+	305	64	1	20	41	2	241	10	20	204	8
0-19	74212	37950	37838	111	0	1	36261	35786	463	0	11
20-64	153502	76583	20287	49024	657	6614	76919	14067	50717	3123	9012
65+	32208	12869	541	9848	1918	563	19338	911	7802	9545	1081
20-65	155669	77573	20332	49851	717	6673	78096	14116	51451	3421	9108
20-66	157773	78529	20373	50650	779	6726	79244	14164	52151	3731	9197
20-67	159825	79457	20413	51419	849	6775	80368	14212	52806	4070	9281
20-68	161856	80370	20454	52169	926	6821	81486	14260	53433	4432	9361
20-69	163810	81241	20493	52878	1005	6864	82570	14308	54017	4808	9436
66+	30042	11880	497	9021	1858	504	18162	861	7069	9246	985
67+	27937	10924	455	8222	1796	451	17014	813	6369	8936	896
68+	25885	9996	415	7453	1725	402	15889	765	5714	8597	812
69+	23854	9083	375	6703	1649	356	14771	717	5087	8235	732
70+	21900	8212	335	5994	1570	313	13688	670	4502	7859	656
<b>TOTAL</b>	<b>259922</b>	<b>127403</b>	<b>58667</b>	<b>58983</b>	<b>2575</b>	<b>7178</b>	<b>132519</b>	<b>50764</b>	<b>58983</b>	<b>12668</b>	<b>10104</b>



Table 18c. July 1, 1995 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19784	10122	10122	0	0	0	9662	9662	0	0	0
5-9	19721	10083	10083	0	0	0	9638	9638	0	0	0
10-14	19457	9951	9950	1	0	0	9506	9503	3	0	0
15-19	18083	9237	9134	102	0	1	8845	8405	429	0	11
20-24	18059	9174	7020	2024	1	130	8885	5157	3442	6	280
25-29	19646	9910	4415	4903	4	588	9736	2787	6110	23	816
30-34	22723	11486	3324	7047	13	1101	11237	2041	7819	55	1322
35-39	23345	11795	2573	7936	25	1261	11550	1673	8181	108	1588
40-44	21069	10590	1694	7613	41	1242	10478	1106	7520	185	1667
45-49	18760	9357	1004	7070	74	1210	9402	690	6704	319	1689
50-54	14559	7177	514	5708	107	848	7382	387	5224	477	1294
55-59	11699	5663	337	4636	150	539	6036	276	4181	692	887
60-64	10365	4877	266	4014	219	379	5487	234	3594	1024	635
65-69	10066	4567	215	3729	337	286	5499	228	3195	1572	503
70-74	8991	3859	158	3066	441	195	5132	214	2494	2040	384
75-79	6624	2609	105	1960	436	107	4015	178	1459	2129	248
80-84	4635	1574	52	1094	375	53	3061	143	763	2006	149
85-89	2548	742	14	450	254	24	1806	87	278	1375	66
90-94	1079	258	3	120	126	9	821	38	78	681	24
95+	382	74	1	24	47	3	308	11	22	265	11
0-19	77045	39394	39289	103	0	1	37652	37209	432	0	11
20-64	160224	80031	21147	50951	635	7298	80193	14351	52776	2889	10177
65+	34325	13683	548	10443	2016	676	20642	899	8290	10068	1385
20-65	162313	80994	21196	51742	692	7364	81319	14398	53470	3160	10290
20-66	164338	81919	21241	52502	751	7426	82419	14444	54134	3445	10395
20-67	166359	82839	21284	53252	821	7482	83520	14490	54767	3768	10495
20-68	168338	83731	21325	53977	895	7535	84607	14534	55377	4106	10589
20-69	170290	84598	21363	54680	972	7584	85692	14579	55971	4462	10680
66+	32237	12720	499	9652	1959	610	19517	852	7595	9798	1272
67+	30212	11795	454	8893	1900	548	18417	806	6931	9513	1167
68+	28191	10875	411	8142	1829	492	17316	760	6299	9189	1068
69+	26211	9983	370	7417	1756	439	16229	715	5689	8852	973
70+	24259	9116	332	6714	1679	390	15143	671	5094	8496	882
<b>TOTAL</b>	<b>271595</b>	<b>133108</b>	<b>60984</b>	<b>61498</b>	<b>2651</b>	<b>7975</b>	<b>138487</b>	<b>52459</b>	<b>61498</b>	<b>12958</b>	<b>11573</b>

Table 18d. July 1, 2000 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19982	10224	10224	0	0	0	9758	9758	0	0	0
5-9	20031	10242	10242	0	0	0	9789	9789	0	0	0
10-14	19999	10223	10222	1	0	0	9777	9774	3	0	0
15-19	19729	10078	9962	115	0	1	9651	9173	466	0	11
20-24	18394	9346	7186	2032	1	126	9048	5414	3358	5	270
25-29	18475	9321	4142	4621	4	554	9154	2601	5761	21	771
30-34	20024	10071	2948	6174	10	940	9954	1726	7052	45	1130
35-39	22891	11543	2621	7662	24	1235	11348	1572	8183	96	1497
40-44	23349	11762	2217	8141	45	1360	11587	1442	8222	181	1742
45-49	20927	10473	1514	7622	73	1263	10454	1011	7363	305	1776
50-54	18441	9128	913	6988	124	1103	9313	655	6438	506	1714
55-59	14124	6879	460	5531	165	723	7245	369	4888	723	1264
60-64	11116	5285	297	4332	213	443	5831	259	3740	993	839
65-69	9510	4347	223	3524	299	301	5163	214	2984	1379	586
70-74	8794	3796	166	2987	425	218	4998	203	2416	1931	449
75-79	7346	2902	99	2190	480	133	4443	179	1665	2274	325
80-84	4920	1715	50	1201	400	64	3205	136	823	2058	188
85-89	2930	838	18	517	275	29	2092	90	342	1559	100
90-94	1260	298	3	148	136	11	962	40	91	794	38
95+	475	90	1	30	56	3	385	13	21	338	14
0-19	79741	40767	40649	116	0	1	38974	38494	469	0	11
20-64	167740	83807	22298	53104	658	7748	83933	15050	55006	2875	11002
65+	35235	13986	560	10597	2071	759	21249	875	8342	10332	1699
20-65	169747	84744	22348	53869	708	7818	85003	15096	55662	3108	11137
20-66	171670	85634	22395	54595	760	7884	86037	15139	56285	3351	11262
20-67	173558	86493	22440	55290	821	7941	87065	15181	56873	3635	11376
20-68	175385	87318	22481	55956	886	7995	88066	15222	57431	3931	11482
20-69	177250	88154	22522	56627	957	8048	89096	15264	57990	4254	11588
66+	33228	13049	510	9831	2020	688	20179	830	7685	10099	1564
67+	31305	12160	463	9106	1969	622	19145	787	7062	9856	1440
68+	29417	11300	419	8410	1907	565	18116	744	6474	9572	1325
69+	27590	10475	377	7744	1842	511	17115	703	5916	9277	1219
70+	25725	9639	337	7073	1772	458	16086	661	5357	8954	1114
<b>TOTAL</b>	<b>282716</b>	<b>138560</b>	<b>63508</b>	<b>63816</b>	<b>2729</b>	<b>8508</b>	<b>144156</b>	<b>54419</b>	<b>63816</b>	<b>13208</b>	<b>12713</b>

Table 18e. July 1, 2020 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	23742	12149	12149	0	0	0	11593	11593	0	0	0
5-9	23426	11980	11980	0	0	0	11446	11446	0	0	0
10-14	22742	11628	11626	1	0	0	11115	11111	3	0	0
15-19	21648	11055	10929	125	0	1	10593	10066	513	0	13
20-24	21080	10712	8218	2345	1	148	10368	6175	3873	6	314
25-29	21286	10748	4762	5346	4	636	10538	3153	6481	23	881
30-34	21353	10747	3084	6659	9	995	10606	1981	7364	47	1215
35-39	21003	10550	2331	7126	18	1075	10453	1486	7538	84	1346
40-44	19436	9729	1799	6846	31	1053	9707	1117	7110	144	1335
45-49	19001	9468	1628	6727	59	1053	9533	928	6978	261	1365
50-54	19801	9794	1604	7042	117	1032	10007	924	7165	477	1441
55-59	21661	10648	1652	7725	230	1041	11013	1067	7464	875	1607
60-64	20952	10155	1408	7536	349	862	10797	1072	6764	1358	1604
65-69	17380	8185	896	6231	456	602	9195	767	5195	1816	1418
70-74	13672	6126	467	4669	560	429	7546	476	3613	2244	1213
75-79	8909	3674	171	2774	511	217	5235	243	1971	2243	778
80-84	5549	2017	61	1449	411	96	3532	142	938	2030	421
85-89	3320	1007	20	642	302	44	2313	82	389	1622	219
90-94	1791	437	5	226	187	20	1354	41	133	1068	111
95+	889	167	1	59	99	8	722	16	35	613	58
0-19	91558	46812	46684	126	0	1	44746	44217	517	0	13
20-64	185573	92551	26486	57352	818	7895	93022	17903	60737	3274	11107
65+	51510	21612	1621	16050	2525	1416	29897	1767	12275	11637	4219
20-65	189408	94384	26710	58736	900	8038	95024	18084	61924	3595	11421
20-66	193071	96122	26915	60054	984	8169	96949	18256	63040	3929	11725
20-67	196549	97759	27095	61300	1078	8286	98791	18410	64071	4311	11998
20-68	199766	99260	27245	62452	1172	8391	100506	18545	65015	4690	12256
20-69	202953	100736	27382	63583	1274	8497	102217	18670	65931	5090	12525
66+	47675	19779	1396	14666	2443	1274	27896	1586	11088	11316	3906
67+	44011	18042	1192	13348	2359	1143	25970	1414	9972	10982	3601
68+	40534	16405	1012	12102	2265	1025	24129	1260	8940	10600	3329
69+	37316	14903	862	10950	2171	920	22414	1125	7996	10221	3071
70+	34130	13427	725	9819	2070	815	20702	1000	7080	9821	2802
TOTAL	328640	160975	74791	73528	3343	9313	167666	63887	73528	14911	15340

Table 18f. July 1, 2040 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	27252	13946	13946	0	0	0	13306	13306	0	0	0
5-9	26469	13538	13538	0	0	0	12931	12931	0	0	0
10-14	25674	13128	13127	1	0	0	12546	12543	4	0	0
15-19	25092	12816	12668	146	0	2	12276	11660	601	0	15
20-24	24811	12617	9679	2762	1	174	12194	7280	4539	7	368
25-29	24645	12459	5501	6217	4	736	12186	3678	7465	26	1017
30-34	24057	12123	3435	7559	10	1119	11934	2237	8278	51	1368
35-39	22893	11506	2479	7846	19	1162	11387	1587	8251	88	1462
40-44	22069	11058	2050	7773	34	1200	11011	1282	8037	157	1536
45-49	21745	10850	1840	7727	65	1218	10895	1155	7846	283	1611
50-54	21101	10454	1647	7605	117	1085	10648	1083	7490	492	1583
55-59	19985	9798	1436	7282	189	890	10187	1005	6899	814	1468
60-64	17604	8493	1132	6438	268	654	9112	821	5858	1208	1224
65-69	15908	7477	965	5615	397	499	8431	693	4924	1757	1057
70-74	14825	6669	825	4855	577	411	8156	657	4068	2449	982
75-79	13780	5784	634	4036	778	336	7996	689	3119	3222	966
80-84	10669	4021	323	2707	786	204	6648	594	1878	3374	803
85-89	6354	2044	95	1280	571	98	4310	315	813	2642	540
90-94	3038	799	18	426	314	42	2239	112	252	1563	313
95+	1253	255	2	99	141	14	997	26	53	767	151
0-19	104487	53428	53279	147	0	2	51059	50440	604	0	15
20-64	198910	99356	29201	61210	708	8238	99554	20129	64663	3127	11635
65+	65827	27049	2862	19018	3565	1604	38778	3085	15108	15773	4812
20-65	202159	100904	29400	62384	774	8346	101255	20270	65707	3425	11853
20-66	205286	102384	29586	63508	845	8445	102902	20401	66700	3741	12060
20-67	208392	103843	29771	64609	921	8541	104549	20532	67669	4084	12265
20-68	211514	105300	29958	65700	1006	8636	106214	20667	68619	4458	12470
20-69	214818	106833	30166	66826	1105	8737	107985	20822	69588	4884	12692
66+	62578	25501	2663	17844	3499	1496	37077	2944	14064	15475	4594
67+	59451	24021	2477	16720	3428	1396	35430	2813	13071	15159	4387
68+	56345	22563	2293	15618	3351	1300	33783	2682	12102	14816	4182
69+	53224	21105	2106	14528	3266	1205	32118	2547	11152	14442	3977
70+	49919	19572	1898	13402	3168	1105	30347	2392	10183	14016	3755
TOTAL	369224	179833	85342	80375	4273	9843	189391	73654	80375	18900	16461

Table 18g. July 1, 2060 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	30833	15779	15779	0	0	0	15054	15054	0	0	0
5-9	30036	15364	15364	0	0	0	14673	14673	0	0	0
10-14	29406	15038	15037	1	0	0	14368	14364	4	0	0
15-19	28868	14747	14578	168	0	2	14121	13416	688	0	17
20-24	28296	14396	11047	3149	1	198	13900	8314	5160	8	418
25-29	27656	13993	6165	6998	5	826	13663	4100	8397	28	1138
30-34	26949	13594	3839	8489	11	1255	13355	2441	9334	55	1525
35-39	26278	13224	2860	8997	21	1345	13055	1784	9500	97	1674
40-44	25726	12910	2395	9059	40	1416	12816	1491	9356	175	1795
45-49	25022	12507	2090	8931	73	1413	12515	1333	9010	311	1861
50-54	23715	11773	1810	8613	128	1222	11943	1213	8419	528	1783
55-59	21795	10706	1515	8025	201	965	11089	1065	7579	849	1596
60-64	20009	9682	1293	7339	299	752	10327	944	6671	1300	1412
65-69	18306	8647	1104	6510	443	590	9659	868	5636	1889	1266
70-74	15969	7232	860	5335	597	440	8737	780	4353	2503	1101
75-79	12994	5483	564	3935	689	295	7511	662	2966	2977	907
80-84	9282	3522	273	2434	649	166	5760	467	1662	2992	639
85-89	6071	1975	110	1239	534	91	4096	291	779	2598	428
90-94	3546	957	38	503	368	49	2589	164	297	1848	280
95+	2336	495	11	178	276	29	1841	91	94	1404	252
0-19	119144	60928	60757	169	0	2	58216	57506	692	0	17
20-64	225446	112784	33015	69600	778	9391	112662	22685	73425	3351	13200
65+	68503	28311	2960	20134	3556	1660	40193	3321	15787	16212	4873
20-65	229249	114601	33251	70975	854	9521	114648	22864	74641	3678	13465
20-66	232986	116378	33480	72317	936	9645	116608	23040	75815	4030	13724
20-67	236652	118110	33701	73622	1025	9763	118542	23213	76945	4407	13977
20-68	240243	119796	33914	74888	1120	9874	120447	23384	78027	4811	14225
20-69	243752	121431	34119	76111	1222	9980	122320	23553	79061	5240	14466
66+	64700	26493	2723	18759	3480	1530	38207	3143	14571	15885	4608
67+	60964	24717	2495	17418	3398	1406	36246	2967	13397	15534	4349
68+	57297	22984	2273	16113	3310	1289	34313	2794	12267	15156	4095
69+	53706	21298	2060	14847	3215	1177	32408	2622	11185	14753	3848
70+	50198	19663	1856	13624	3113	1071	30534	2454	10151	14323	3607
TOTAL	413093	202023	96731	89904	4334	11053	211070	83513	89904	19564	18090

Table 18h. July 1, 2080 Alternative I Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	34884	17853	17853	0	0	0	17031	17031	0	0	0
5-9	34102	17445	17445	0	0	0	16657	16657	0	0	0
10-14	33399	17081	17080	2	0	0	16318	16313	5	0	0
15-19	32644	16678	16487	189	0	2	15966	15169	777	0	19
20-24	31852	16211	12440	3547	1	223	15640	9343	5818	9	470
25-29	31188	15793	6955	7899	5	932	15395	4584	9498	31	1282
30-34	30629	15465	4366	9656	13	1430	15164	2744	10630	61	1729
35-39	29992	15109	3261	10282	24	1542	14883	2021	10847	107	1908
40-44	29146	14643	2694	10294	44	1611	14502	1672	10610	192	2029
45-49	27965	13997	2309	10025	80	1583	13969	1452	10113	336	2067
50-54	26511	13183	2011	9657	141	1374	13328	1302	9481	571	1975
55-59	24995	12309	1752	9201	227	1128	12686	1187	8744	935	1820
60-64	23347	11338	1522	8570	344	902	12009	1093	7818	1450	1648
65-69	21155	10042	1267	7573	504	698	11112	1000	6556	2090	1467
70-74	18109	8258	960	6126	665	507	9851	877	4995	2730	1249
75-79	14411	6139	614	4445	749	332	8271	709	3369	3192	1001
80-84	10801	4153	327	2879	747	201	6647	547	1994	3350	757
85-89	7321	2436	141	1542	636	117	4885	383	984	2979	539
90-94	4111	1142	45	615	422	60	2969	210	366	2055	339
95+	2524	549	13	210	295	31	1975	100	109	1503	262
0-19	135030	69058	68864	191	0	2	65972	65171	781	0	19
20-64	255624	128048	37311	79131	879	10726	127577	25397	83559	3693	14928
65+	78430	32719	3365	23390	4018	1946	45711	3826	18373	17899	5613
20-65	260054	130174	37586	80739	966	10882	129880	25605	84982	4057	15237
20-66	264391	132244	37850	82304	1060	11030	132146	25808	86352	4447	15539
20-67	268628	134256	38104	83823	1161	11169	134371	26008	87665	4865	15832
20-68	272759	136206	38347	85290	1268	11301	136553	26205	88920	5310	16118
20-69	276779	138090	38577	86705	1383	11425	138689	26397	90114	5783	16395
66+	74000	30593	3090	21782	3931	1791	43407	3619	16949	17535	5304
67+	69663	28522	2825	20217	3837	1643	41141	3415	15579	17144	5002
68+	65426	26510	2572	18699	3736	1503	38916	3215	14266	16727	4709
69+	61295	24561	2329	17231	3629	1372	36734	3019	13011	16281	4423
70+	57275	22677	2098	15816	3514	1248	34598	2826	11817	15809	4146
TOTAL	469083	229824	109540	102712	4897	12675	239259	94395	102712	21592	20560

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Table 19a. July 1, 1985 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18892	9671	9671	0	0	0	9220	9220	0	0	0
5-9	17497	8952	8952	0	0	0	8545	8545	0	0	0
10-14	17441	8922	8921	1	0	0	8520	8517	3	0	0
15-19	18898	9649	9509	136	0	3	9249	8706	526	0	16
20-24	21925	11192	8243	2749	3	198	10733	6101	4235	12	384
25-29	22771	11572	4915	5939	10	709	11199	3255	6931	45	967
30-34	20841	10535	2523	7023	12	977	10306	1580	7449	74	1203
35-39	18833	9468	1277	7167	23	1001	9365	835	7121	127	1282
40-44	14859	7421	615	5959	35	812	7438	431	5737	202	1067
45-49	12238	6052	406	4973	62	610	6186	298	4777	307	804
50-54	11265	5480	336	4551	106	486	5786	258	4403	485	639
55-59	11611	5548	293	4689	171	395	6063	265	4377	876	545
60-64	11271	5264	247	4473	250	294	6008	263	3997	1306	442
65-69	9321	4202	218	3460	330	194	5118	240	2892	1669	318
70-74	7724	3224	176	2537	387	124	4500	228	2049	1995	229
75-79	5573	2152	88	1594	400	69	3422	188	1123	1982	129
80-84	3613	1233	35	821	342	34	2380	139	521	1657	63
85-89	1879	553	15	287	236	15	1325	76	222	992	35
90-94	752	195	5	74	111	5	557	31	68	443	15
95+	219	50	1	10	37	1	169	9	11	144	5
0-19	72728	37195	37054	137	0	3	35534	34988	529	0	16
20-64	145614	72532	18855	47523	672	5482	73082	13286	49028	3433	7334
65+	29082	11610	539	8784	1844	443	17472	910	6887	8881	793
20-65	147688	73486	18902	48320	734	5530	74202	13337	49708	3748	7409
20-66	149663	74387	18948	49068	799	5573	75275	13387	50336	4075	7478
20-67	151492	75210	18991	49745	864	5610	76282	13434	50902	4407	7540
20-68	153236	75986	19032	50378	932	5644	77250	13480	51426	4747	7598
20-69	154934	76734	19073	50984	1002	5676	78200	13526	51920	5102	7652
66+	27008	10656	492	7987	1781	396	16352	859	6208	8566	719
67+	25033	9754	446	7239	1717	353	15278	810	5579	8240	650
68+	23203	8932	403	6562	1651	315	14271	762	5013	7908	588
69+	21459	8156	362	5929	1584	281	13303	716	4490	7567	530
70+	19761	7408	321	5323	1514	250	12353	670	3995	7213	475
TOTAL	247424	121336	56447	56444	2515	5929	126087	49185	56444	12315	8143

Table 19b. July 1, 1990 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18794	9616	9616	0	0	0	9178	9178	0	0	0
5-9	19058	9751	9751	0	0	0	9307	9307	0	0	0
10-14	17691	9049	9048	1	0	0	8642	8639	3	0	0
15-19	17625	9005	8894	110	0	1	8620	8150	458	0	11
20-24	19092	9705	7424	2144	1	137	9387	5456	3630	6	294
25-29	22170	11257	4883	5666	6	702	10913	3132	6803	28	949
30-34	22989	11649	3232	7287	14	1116	11340	2091	7817	65	1367
35-39	20927	10553	1937	7455	22	1139	10374	1239	7559	110	1467
40-44	18809	9427	1098	7132	40	1157	9381	734	6925	194	1528
45-49	14749	7333	552	5819	61	900	7417	398	5489	301	1228
50-54	12026	5900	369	4823	97	610	6126	284	4513	452	878
55-59	10907	5239	299	4341	153	447	5668	245	4064	703	655
60-64	10991	5152	255	4308	240	348	5839	247	3882	1178	533
65-69	10323	4673	205	3879	341	249	5650	240	3326	1661	423
70-74	8156	3496	167	2775	399	155	4661	213	2211	1944	292
75-79	6320	2431	112	1822	408	89	3890	190	1383	2118	199
80-84	4135	1422	42	981	354	44	2713	142	640	1831	100
85-89	2272	665	13	386	247	20	1607	87	242	1235	44
90-94	922	225	4	98	116	7	696	34	82	560	20
95+	319	67	1	21	43	2	252	10	21	212	8
0-19	73169	37422	37310	110	0	1	35747	35274	461	0	11
20-64	152660	76216	20049	48975	634	6558	76445	13825	50683	3038	8898
65+	32448	12979	543	9963	1907	566	19468	917	7905	9562	1085
20-65	154828	77208	20093	49806	693	6616	77620	13875	51421	3332	8993
20-66	156935	78167	20134	50610	753	6669	78768	13923	52127	3637	9082
20-67	158991	79098	20174	51384	822	6718	79893	13970	52787	3971	9165
20-68	161025	80015	20214	52139	897	6764	81010	14018	53419	4328	9246
20-69	162984	80889	20254	52854	975	6806	82095	14065	54009	4699	9321
66+	30279	11987	499	9132	1848	507	18293	868	7166	9268	990
67+	28173	11028	458	8328	1788	454	17145	820	6461	8963	901
68+	26117	10097	418	7554	1719	406	16021	772	5801	8629	818
69+	24083	9180	378	6799	1644	359	14903	724	5169	8272	738
70+	22124	8306	338	6084	1567	317	13819	677	4579	7901	662
TOTAL	258277	126617	57902	59048	2542	7124	131660	50017	59048	12600	9995



Table 19c. July 1, 1995 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18316	9373	9373	0	0	0	8943	8943	0	0	0
5-9	18965	9699	9699	0	0	0	9266	9266	0	0	0
10-14	19254	9849	9848	1	0	0	9404	9402	3	0	0
15-19	17878	9135	9033	101	0	1	8743	8308	425	0	10
20-24	17828	9068	6936	2003	1	128	8760	5071	3408	5	276
25-29	19357	9785	4346	4855	4	581	9572	2702	6049	21	799
30-34	22399	11340	3252	6987	12	1089	11059	1960	7752	51	1295
35-39	23077	11666	2509	7883	23	1251	11411	1613	8138	99	1561
40-44	20906	10513	1655	7586	37	1235	10393	1073	7507	171	1641
45-49	18672	9320	984	7066	67	1203	9352	674	6713	299	1666
50-54	14509	7162	503	5717	99	842	7347	379	5245	449	1274
55-59	11677	5666	331	4657	142	536	6012	270	4213	656	873
60-64	10376	4901	263	4051	209	379	5475	230	3640	979	627
65-69	10118	4613	215	3786	324	288	5506	226	3256	1522	501
70-74	9086	3921	159	3137	428	198	5165	214	2563	2001	386
75-79	6746	2674	108	2027	429	111	4072	181	1519	2119	254
80-84	4783	1636	55	1150	375	56	3146	148	809	2034	156
85-89	2686	790	16	486	262	26	1896	92	302	1432	70
90-94	1168	283	3	135	135	10	886	42	87	731	26
95+	427	84	1	28	53	3	343	12	25	294	12
0-19	74413	38056	37953	102	0	1	36357	35918	427	0	10
20-64	158802	79421	20779	50805	593	7244	79381	13972	52666	2731	10012
65+	35015	14000	556	10748	2005	691	21015	915	8562	10133	1404
20-65	160897	80392	20827	51605	648	7311	80506	14018	53371	2992	10124
20-66	162931	81325	20872	52376	705	7373	81606	14064	54046	3267	10229
20-67	164963	82255	20915	53137	772	7430	82708	14109	54692	3580	10328
20-68	166954	83156	20956	53875	843	7483	83798	14154	55314	3907	10422
20-69	168920	84034	20994	54591	917	7532	84886	14198	55922	4253	10513
66+	32919	13029	508	9947	1950	624	19890	869	7856	9873	1292
67+	30885	12096	463	9177	1893	562	18789	823	7181	9598	1187
68+	28854	11166	420	8415	1826	506	17687	778	6536	9285	1089
69+	26862	10265	380	7678	1755	453	16598	733	5913	8957	994
70+	24896	9387	342	6962	1681	403	15509	689	5306	8611	903
TOTAL	268229	131477	59288	61655	2598	7937	136752	50805	61655	12865	11427

Table 19d. July 1, 2000 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	17878	9150	9150	0	0	0	8729	8729	0	0	0
5-9	18490	9457	9457	0	0	0	9033	9033	0	0	0
10-14	19162	9798	9797	1	0	0	9364	9362	3	0	0
15-19	19439	9934	9819	114	0	1	9505	9034	460	0	11
20-24	18084	9200	7073	2002	1	124	8883	5305	3309	5	265
25-29	18103	9155	4057	4550	3	545	8948	2503	5674	19	751
30-34	19605	9882	2866	6084	8	924	9724	1636	6950	41	1097
35-39	22500	11366	2548	7572	21	1224	11134	1492	8095	85	1463
40-44	23055	11625	2157	8075	38	1354	11430	1382	8176	161	1711
45-49	20765	10401	1478	7596	64	1263	10363	977	7362	275	1749
50-54	18372	9110	896	6997	111	1106	9262	638	6471	463	1691
55-59	14104	6892	452	5563	152	725	7213	360	4940	668	1244
60-64	11140	5324	292	4388	199	446	5816	253	3810	927	825
65-69	9587	4415	223	3603	284	305	5173	211	3073	1307	581
70-74	8946	3898	168	3096	409	225	5048	203	2524	1869	453
75-79	7565	3024	104	2309	470	141	4541	183	1775	2249	335
80-84	5165	1827	54	1300	403	70	3338	142	903	2093	200
85-89	3178	926	21	584	288	33	2252	99	391	1652	110
90-94	1430	346	4	178	151	13	1084	46	109	886	43
95+	573	111	1	38	68	4	463	16	27	404	16
0-19	74969	38338	38223	114	0	1	36631	36157	462	0	11
20-64	165728	82954	21819	52826	598	7711	82774	14546	54786	2645	10797
65+	36445	14546	575	11109	2072	791	21899	900	8801	10459	1739
20-65	167746	83902	21869	53606	645	7782	83843	14591	55458	2864	10930
20-66	169682	84804	21916	54346	694	7849	84877	14633	56098	3093	11054
20-67	171585	85677	21960	55058	752	7907	85908	14675	56704	3362	11167
20-68	173429	86517	22001	55740	814	7962	86912	14715	57280	3643	11273
20-69	175315	87369	22042	56430	881	8016	87946	14757	57859	3952	11378
66+	34428	13598	525	10329	2024	719	20830	855	8129	10240	1605
67+	32491	12696	479	9589	1976	653	19795	813	7489	10011	1482
68+	30588	11823	435	8877	1917	594	18765	771	6883	9742	1369
69+	28744	10984	393	8195	1856	540	17761	730	6307	9461	1263
70+	26858	10131	353	7505	1788	485	16726	689	5728	9152	1158
TOTAL	277142	135839	60617	64049	2669	8503	141303	51603	64049	13104	12547

Table 19e. July 1, 2020 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18950	9699	9699	0	0	0	9251	9251	0	0	0
5-9	19241	9843	9843	0	0	0	9398	9398	0	0	0
10-14	19152	9795	9794	1	0	0	9357	9354	3	0	0
15-19	18708	9558	9448	109	0	1	9149	8686	452	0	11
20-24	18649	9489	7278	2079	1	131	9160	5403	3472	5	280
25-29	19354	9794	4352	4858	3	581	9560	2776	5965	19	799
30-34	20072	10128	2923	6252	7	945	9944	1781	6991	39	1133
35-39	20279	10214	2265	6877	14	1058	10064	1381	7323	70	1290
40-44	18766	9423	1724	6637	25	1038	9343	1025	6921	119	1277
45-49	18414	9208	1562	6553	48	1045	9205	846	6831	218	1310
50-54	19339	9608	1555	6913	98	1039	9731	850	7086	403	1393
55-59	21396	10578	1630	7679	200	1070	10818	1001	7490	754	1573
60-64	20941	10224	1409	7602	312	901	10717	1027	6908	1196	1587
65-69	17617	8385	912	6413	418	642	9233	748	5426	1641	1418
70-74	14102	6419	487	4936	528	468	7683	474	3886	2090	1233
75-79	9385	3962	185	3034	498	246	5423	246	2205	2162	810
80-84	6039	2272	71	1665	421	115	3767	149	1112	2049	458
85-89	3816	1215	26	798	334	57	2601	92	500	1754	254
90-94	2235	581	7	315	230	28	1654	52	190	1272	140
95+	1288	257	2	97	145	13	1031	24	58	865	84
0-19	76051	38896	38784	110	0	1	37156	36690	454	0	11
20-64	177210	88665	24697	55452	707	7808	88545	16091	58988	2824	10641
65+	54484	23091	1690	17258	2574	1569	31392	1784	13378	11833	4397
20-65	181075	90529	24925	56864	782	7959	90545	16266	60216	3110	10953
20-66	184778	92303	25132	58214	859	8098	92475	16433	61375	3409	11258
20-67	188304	93980	25316	59497	944	8224	94324	16584	62454	3755	11530
20-68	191575	95525	25469	60689	1031	8335	96050	16716	63447	4099	11788
20-69	194827	97050	25610	61865	1125	8449	97777	16839	64415	4465	12059
66+	50618	21227	1463	15847	2499	1418	29391	1609	12151	11546	4085
67+	46915	19453	1256	14496	2423	1279	27462	1443	10992	11247	3781
68+	43389	17776	1072	13214	2337	1153	25613	1292	9912	10902	3508
69+	40119	16231	919	12022	2250	1041	23887	1160	8919	10557	3251
70+	36866	14707	778	10845	2156	927	22159	1037	7951	10192	2979
TOTAL	307744	150652	65172	72821	3281	9378	157092	54566	72821	14657	15050

Table 19f. July 1, 2040 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19446	9953	9953	0	0	0	9493	9493	0	0	0
5-9	19392	9921	9921	0	0	0	9471	9471	0	0	0
10-14	19302	9873	9872	1	0	0	9429	9426	3	0	0
15-19	19382	9904	9789	114	0	1	9478	8993	473	0	12
20-24	19721	10037	7700	2198	1	139	9683	5732	3651	5	295
25-29	20107	10181	4515	5060	3	603	9927	2931	6148	19	828
30-34	20076	10136	2896	6291	7	942	9941	1792	6979	37	1131
35-39	19579	9862	2151	6687	13	1011	9717	1284	7135	64	1233
40-44	19340	9717	1827	6788	24	1078	9623	1047	7137	116	1323
45-49	19665	9846	1700	6960	47	1138	9818	967	7205	216	1431
50-54	19842	9876	1592	7122	91	1070	9966	950	7161	390	1465
55-59	19422	9587	1436	7073	156	922	9835	925	6832	670	1408
60-64	17246	8400	1126	6362	227	686	8846	753	5901	1014	1179
65-69	15831	7542	978	5683	346	535	8289	640	5098	1519	1033
70-74	15123	6935	868	5088	521	458	8187	624	4380	2196	987
75-79	14566	6288	710	4442	739	397	8278	684	3546	3030	1018
80-84	11807	4632	397	3178	796	261	7176	623	2293	3362	897
85-89	7524	2564	134	1658	635	137	4960	357	1094	2861	648
90-94	3967	1129	30	634	400	66	2838	143	387	1899	409
95+	1974	438	5	181	226	26	1536	41	99	1164	233
0-19	77522	39651	39534	115	0	1	37871	37384	476	0	12
20-64	174997	87642	24944	54541	568	7589	87355	16381	58149	2532	10293
65+	70791	29528	3121	20864	3663	1880	41263	3112	16895	16031	5225
20-65	178204	89188	25144	55716	625	7703	89016	16510	59215	2786	10504
20-66	181298	90671	25330	56846	686	7809	90626	16630	60235	3056	10705
20-67	184384	92141	25516	57960	753	7912	92243	16750	61237	3352	10905
20-68	187502	93618	25707	59070	827	8014	93885	16875	62227	3676	11106
20-69	190828	95184	25922	60224	914	8124	95644	17021	63247	4050	11326
66+	67585	27983	2922	19689	3606	1766	39602	2983	15829	15777	5014
67+	64491	26499	2735	18559	3545	1660	37992	2863	14809	15507	4813
68+	61405	25030	2549	17445	3479	1557	36375	2743	13807	15212	4613
69+	58286	23553	2359	16335	3404	1455	34734	2618	12817	14887	4412
70+	54961	21986	2143	15181	3317	1345	32975	2472	11798	14513	4192
TOTAL	323311	156821	67600	75520	4231	9470	166490	56877	75520	18563	15530

Table 19g. July 1, 2060 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19783	10126	10126	0	0	0	9657	9657	0	0	0
5-9	19792	10126	10126	0	0	0	9666	9666	0	0	0
10-14	19908	10183	10182	1	0	0	9725	9722	3	0	0
15-19	20085	10265	10145	118	0	1	9821	9321	488	0	12
20-24	20220	10294	7900	2251	1	142	9926	5893	3727	5	301
25-29	20266	10264	4545	5109	3	607	10002	2944	6206	18	833
30-34	20237	10221	2921	6343	7	950	10016	1773	7071	36	1137
35-39	20257	10210	2250	6895	13	1053	10047	1315	7394	62	1276
40-44	20410	10264	1950	7142	24	1149	10146	1124	7504	114	1404
45-49	20429	10240	1759	7248	46	1188	10189	1030	7455	209	1496
50-54	19897	9917	1571	7193	84	1068	9980	956	7190	367	1468
55-59	18848	9315	1365	6926	140	884	9533	857	6715	612	1348
60-64	17883	8732	1213	6577	221	721	9151	776	6170	979	1225
65-69	17102	8187	1094	6140	349	603	8916	742	5519	1505	1150
70-74	15804	7301	918	5389	506	489	8503	713	4588	2134	1068
75-79	13650	5939	656	4295	630	359	7711	652	3391	2720	947
80-84	10205	4054	343	2856	637	217	6151	475	2057	2911	708
85-89	7201	2505	161	1627	584	132	4696	319	1083	2779	515
90-94	4709	1392	68	774	469	81	3317	206	482	2255	375
95+	3963	923	28	358	476	61	3040	155	197	2259	430
0-19	79569	40700	40580	119	0	1	38869	38366	491	0	12
20-64	178449	89458	25475	55683	539	7761	88991	16669	59432	2402	10488
65+	72633	30299	3269	21438	3650	1942	42333	3262	17317	16562	5192
20-65	181932	91141	25703	56950	597	7891	90791	16819	60593	2655	10724
20-66	185388	92804	25927	58201	661	8016	92583	16968	61728	2931	10956
20-67	188812	94444	26147	59431	730	8136	94368	17116	62834	3231	11186
20-68	192202	96059	26361	60640	806	8252	96143	17264	63910	3556	11414
20-69	195551	97644	26569	61823	888	8364	97907	17412	64951	3907	11638
66+	69149	28616	3041	20170	3592	1813	40534	3112	16156	16309	4957
67+	65694	26953	2817	18920	3528	1688	38741	2963	15021	16033	4724
68+	62270	25313	2597	17689	3459	1567	36957	2815	13915	15733	4494
69+	58879	23698	2383	16481	3383	1451	35181	2667	12839	15408	4267
70+	55530	22113	2175	15298	3301	1339	33418	2519	11798	15058	4042
TOTAL	330651	160457	69324	77240	4189	9705	170193	58297	77240	18965	15692

Table 19h. July 1, 2080 Alternative II Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	20250	10365	10365	0	0	0	9885	9885	0	0	0
5-9	20335	10404	10404	0	0	0	9931	9931	0	0	0
10-14	20454	10463	10462	1	0	0	9991	9988	3	0	0
15-19	20526	10491	10369	120	0	1	10035	9526	497	0	12
20-24	20562	10470	8035	2290	1	145	10092	5986	3795	5	306
25-29	20671	10473	4640	5210	3	620	10198	2986	6345	18	850
30-34	20847	10534	3020	6527	7	980	10313	1819	7288	35	1171
35-39	20965	10573	2335	7132	12	1093	10391	1368	7641	61	1321
40-44	20920	10528	1994	7332	23	1179	10393	1157	7686	110	1439
45-49	20613	10340	1764	7336	43	1197	10273	1027	7546	198	1502
50-54	20098	10028	1591	7276	80	1081	10070	941	7310	348	1471
55-59	19563	9685	1445	7174	137	930	9878	880	7009	593	1395
60-64	18979	9293	1316	6972	220	785	9686	840	6572	966	1309
65-69	17952	8628	1156	6484	343	646	9324	800	5834	1473	1218
70-74	16122	7494	932	5576	483	503	8627	729	4757	2051	1090
75-79	13610	5979	654	4373	591	361	7631	619	3496	2583	934
80-84	10984	4429	399	3129	655	246	6555	507	2310	2968	769
85-89	8288	2959	209	1937	646	166	5329	395	1325	2994	615
90-94	5414	1657	87	946	523	101	3758	260	601	2449	447
95+	4470	1073	35	442	525	71	3397	176	244	2513	464
0-19	81565	41724	41601	121	0	1	39841	39329	500	0	12
20-64	183218	91923	26139	57249	527	8008	91295	17004	61192	2334	10765
65+	76840	32219	3472	22887	3766	2094	44621	3486	18566	17032	5537
20-65	186913	93715	26385	58597	584	8149	93197	17167	62429	2584	11017
20-66	190561	95478	26624	59923	647	8284	95084	17329	63634	2856	11265
20-67	194158	97207	26855	61223	715	8413	96951	17489	64803	3150	11509
20-68	197697	98900	27079	62494	789	8536	98797	17647	65935	3467	11748
20-69	201170	100551	27295	63733	869	8654	100619	17803	67026	3807	11983
66+	73146	30428	3226	21539	3709	1953	42718	3323	17329	16782	5285
67+	69497	28665	2987	20213	3646	1819	40832	3161	16124	16510	5037
68+	65900	26936	2756	18913	3578	1690	38964	3001	14954	16216	4793
69+	62362	25243	2532	17642	3503	1566	37118	2842	13823	15899	4554
70+	58888	23592	2316	16403	3424	1448	35296	2686	12732	15559	4319
TOTAL	341623	165867	71212	80258	4293	10104	175757	59819	80258	19366	16315

Table 20a. July 1, 1985 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	18840	9645	9645	0	0	0	9195	9195	0	0	0
5-9	17463	8935	8935	0	0	0	8528	8528	0	0	0
10-14	17407	8904	8903	1	0	0	8503	8500	3	0	0
15-19	18861	9631	9491	136	0	3	9230	8688	526	0	16
20-24	21876	11173	8225	2748	3	197	10704	6076	4234	12	383
25-29	22708	11544	4891	5937	10	706	11165	3230	6930	44	961
30-34	20792	10510	2506	7022	11	971	10282	1566	7448	74	1194
35-39	18803	9453	1269	7166	23	995	9350	829	7121	126	1274
40-44	14839	7412	611	5959	35	807	7427	429	5737	200	1061
45-49	12223	6045	404	4974	61	607	6178	296	4777	305	800
50-54	11254	5475	334	4552	105	484	5779	257	4404	482	636
55-59	11603	5545	292	4691	170	394	6057	264	4379	871	543
60-64	11266	5262	246	4475	248	293	6003	262	3999	1301	441
65-69	9317	4202	218	3462	328	193	5116	240	2894	1664	317
70-74	7724	3225	176	2539	386	124	4500	227	2051	1992	229
75-79	5576	2153	88	1597	399	69	3423	188	1125	1981	129
80-84	3617	1234	36	823	342	34	2382	139	522	1658	63
85-89	1883	555	15	288	236	16	1328	76	223	994	35
90-94	755	196	5	74	111	5	559	31	68	444	15
95+	220	51	1	10	38	1	169	9	11	144	5
0-19	72572	37116	36975	137	0	3	35456	34911	529	0	16
20-64	145365	72420	18776	47523	666	5454	72945	13209	49030	3414	7292
65+	29092	11615	538	8794	1840	443	17477	910	6896	8878	793
20-65	147438	73374	18824	48321	729	5501	74064	13260	49709	3728	7367
20-66	149412	74275	18869	49069	793	5544	75137	13310	50338	4053	7435
20-67	151241	75097	18912	49746	858	5581	76144	13357	50904	4385	7498
20-68	152984	75873	18953	50379	925	5615	77111	13403	51429	4724	7555
20-69	154682	76621	18994	50986	995	5647	78061	13449	51924	5078	7610
66+	27019	10661	491	7996	1778	396	16358	859	6216	8564	719
67+	25045	9760	446	7248	1714	353	15285	810	5587	8238	650
68+	23216	8938	403	6571	1649	315	14278	763	5021	7907	588
69+	21472	8162	362	5937	1582	281	13311	716	4496	7568	530
70+	19775	7414	321	5331	1512	250	12361	671	4001	7214	476
TOTAL	247029	121151	56290	56454	2507	5900	125878	49030	56454	12292	8101

Table 20b. July 1, 1990 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	17856	9137	9137	0	0	0	8718	8718	0	0	0
5-9	18928	9686	9686	0	0	0	9242	9242	0	0	0
10-14	17574	8990	8989	1	0	0	8584	8582	3	0	0
15-19	17502	8943	8833	109	0	1	8559	8091	456	0	11
20-24	18945	9640	7371	2132	1	136	9304	5395	3612	6	291
25-29	21977	11176	4831	5642	6	697	10801	3064	6773	27	937
30-34	22792	11554	3174	7261	13	1106	11238	2037	7793	63	1346
35-39	20798	10489	1901	7438	21	1129	10310	1210	7548	106	1446
40-44	18732	9391	1080	7126	38	1147	9341	721	6924	187	1509
45-49	14699	7311	542	5819	58	891	7389	392	5493	291	1212
50-54	11992	5888	363	4828	94	604	6104	279	4521	438	866
55-59	10887	5236	295	4350	148	443	5651	242	4078	684	647
60-64	10989	5159	253	4326	234	347	5829	245	3902	1154	529
65-69	10337	4688	203	3903	333	248	5648	239	3351	1637	422
70-74	8183	3514	167	2800	392	155	4669	213	2235	1929	293
75-79	6364	2453	113	1846	403	90	3911	191	1405	2115	200
80-84	4186	1443	43	1001	354	45	2743	144	655	1842	102
85-89	2321	682	13	399	249	20	1639	89	250	1256	45
90-94	951	233	4	102	120	7	717	36	86	576	20
95+	332	70	1	23	44	2	262	11	22	221	8
0-19	71860	36757	36646	110	0	1	35103	34633	458	0	11
20-64	151811	75843	19810	48921	613	6499	75968	13584	50644	2957	8783
65+	32675	13084	544	10075	1897	568	19591	923	8003	9576	1090
20-65	153980	76838	19854	49757	670	6557	77142	13633	51387	3245	8877
20-66	156089	77800	19895	50565	729	6611	78289	13681	52097	3545	8966
20-67	158147	78734	19934	51344	796	6659	79413	13728	52762	3874	9049
20-68	160185	79654	19974	52105	870	6705	80531	13776	53400	4227	9129
20-69	162147	80532	20013	52825	946	6748	81616	13823	53995	4594	9204
66+	30505	12089	500	9239	1839	510	18416	874	7260	9287	995
67+	28397	11127	460	8430	1780	457	17269	826	6550	8987	906
68+	26338	10193	420	7651	1713	409	16145	779	5885	8658	823
69+	24301	9274	380	6891	1640	363	15027	731	5247	8305	743
70+	22338	8396	341	6171	1563	320	13942	684	4652	7938	668
TOTAL	256345	125684	57000	59106	2509	7069	130661	49139	59106	12532	9884



Table 20c. July 1, 1995 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	16351	8369	8369	0	0	0	7982	7982	0	0	0
5-9	17951	9182	9182	0	0	0	8768	8768	0	0	0
10-14	19041	9743	9742	1	0	0	9299	9296	3	0	0
15-19	17673	9032	8931	100	0	1	8641	8210	420	0	10
20-24	17597	8961	6852	1981	1	127	8636	4985	3373	5	272
25-29	19067	9660	4277	4805	3	574	9408	2617	5987	20	783
30-34	22074	11194	3179	6927	11	1077	10880	1878	7686	48	1268
35-39	22806	11535	2445	7829	20	1241	11271	1553	8094	92	1532
40-44	20740	10433	1615	7557	33	1227	10307	1040	7492	159	1615
45-49	18579	9280	963	7060	61	1195	9299	658	6719	280	1642
50-54	14454	7143	492	5724	92	836	7311	370	5263	424	1254
55-59	11649	5665	324	4675	134	532	5985	264	4242	622	858
60-64	10379	4919	259	4084	199	377	5460	225	3681	935	618
65-69	10162	4652	213	3838	312	289	5509	224	3313	1474	498
70-74	9171	3978	159	3203	415	200	5193	214	2628	1962	388
75-79	6856	2734	110	2089	421	114	4122	183	1575	2106	258
80-84	4918	1695	58	1203	375	59	3223	152	854	2056	161
85-89	2815	836	17	522	269	27	1980	97	326	1482	74
90-94	1256	308	4	150	143	11	948	45	96	779	28
95+	474	94	1	32	58	3	379	14	29	324	13
0-19	71016	36326	36224	101	0	1	34690	34256	423	0	10
20-64	157345	78790	20407	50642	555	7186	78556	13591	52536	2585	9843
65+	35651	14297	563	11037	1993	704	21354	929	8821	10184	1421
20-65	159446	79767	20454	51452	607	7253	79680	13637	53252	2836	9954
20-66	161487	80708	20499	52231	662	7315	80780	13682	53938	3102	10058
20-67	163528	81645	20542	53004	727	7372	81883	13727	54595	3405	10157
20-68	165529	82555	20582	53753	795	7425	82974	13771	55229	3723	10251
20-69	167507	83442	20620	54480	866	7475	84065	13816	55849	4059	10341
66+	33550	13319	515	10227	1940	637	20230	883	8105	9933	1310
67+	31509	12379	471	9447	1886	575	19130	839	7419	9667	1206
68+	29469	11441	428	8675	1821	518	18027	794	6762	9364	1107
69+	27467	10531	388	7926	1752	465	16936	749	6128	9046	1013
70+	25489	9644	350	7198	1681	415	15845	705	5508	8710	922
TOTAL	264012	129413	57194	61780	2548	7892	134600	48777	61780	12769	11274

Table 20d. July 1, 2000 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	15148	7754	7754	0	0	0	7394	7394	0	0	0
5-9	16451	8417	8417	0	0	0	8034	8034	0	0	0
10-14	18067	9240	9239	1	0	0	8826	8824	3	0	0
15-19	19139	9784	9671	112	0	1	9355	8890	453	0	11
20-24	17772	9054	6959	1972	1	122	8719	5195	3259	5	260
25-29	17730	8988	3971	4479	3	535	8742	2406	5586	18	732
30-34	19184	9692	2783	5993	7	908	9492	1546	6846	37	1064
35-39	22103	11185	2475	7481	18	1212	10918	1412	8004	76	1427
40-44	22753	11482	2096	8005	33	1348	11271	1321	8125	144	1680
45-49	20591	10323	1440	7566	56	1261	10268	942	7355	249	1721
50-54	18290	9083	878	7000	100	1106	9207	621	6496	425	1665
55-59	14072	6895	442	5589	139	725	7177	350	4985	618	1223
60-64	11150	5353	287	4435	186	446	5797	247	3872	866	811
65-69	9651	4473	221	3675	268	308	5178	208	3156	1238	575
70-74	9081	3990	170	3198	392	231	5091	203	2626	1806	456
75-79	7763	3138	107	2423	459	148	4626	186	1880	2217	344
80-84	5389	1933	59	1395	403	76	3455	148	982	2115	211
85-89	3412	1014	25	652	300	37	2398	106	441	1731	120
90-94	1598	396	5	210	166	15	1202	52	128	973	48
95+	679	134	1	48	80	5	546	19	33	474	19
0-19	68805	35195	35081	113	0	1	33610	33143	456	0	11
20-64	163645	82055	21330	52518	543	7665	81590	14039	54530	2438	10583
65+	37573	15078	588	11601	2068	820	22495	922	9246	10555	1773
20-65	165671	83013	21379	53310	588	7736	82658	14083	55216	2644	10714
20-66	167617	83925	21425	54063	633	7803	83692	14124	55871	2860	10836
20-67	169532	84809	21469	54789	689	7862	84723	14165	56494	3115	10948
20-68	171391	85661	21510	55487	747	7917	85729	14206	57088	3382	11054
20-69	173296	86528	21551	56193	811	7973	86768	14247	57686	3677	11158
66+	35548	14120	539	10809	2024	748	21427	878	8560	10348	1641
67+	33601	13208	493	10056	1978	681	20393	836	7905	10133	1519
68+	31686	12324	449	9330	1923	622	19362	795	7282	9878	1407
69+	29828	11472	408	8632	1865	567	18356	755	6688	9611	1302
70+	27923	10605	367	7926	1800	512	17318	714	6090	9316	1197
TOTAL	270023	132328	56999	64232	2611	8485	137695	48103	64232	12993	12367

Table 20e. July 1, 2020 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	13414	6866	6866	0	0	0	6548	6548	0	0	0
5-9	14249	7291	7291	0	0	0	6958	6958	0	0	0
10-14	14770	7556	7556	1	0	0	7214	7212	2	0	0
15-19	15055	7695	7605	89	0	1	7360	6976	374	0	9
20-24	15590	7942	6089	1743	1	111	7647	4443	2963	4	237
25-29	16925	8585	3833	4238	2	512	8340	2317	5311	16	696
30-34	18532	9375	2737	5748	6	884	9156	1549	6541	32	1035
35-39	19539	9870	2213	6601	11	1045	9669	1276	7103	57	1233
40-44	18086	9110	1651	6416	19	1025	8976	934	6729	95	1217
45-49	17815	8941	1495	6373	36	1038	8874	765	6682	174	1253
50-54	18873	9417	1505	6788	76	1048	9456	776	7010	325	1345
55-59	21148	10512	1607	7642	161	1101	10636	937	7537	622	1541
60-64	20980	10310	1412	7695	259	945	10669	985	7097	1012	1576
65-69	17944	8626	933	6646	358	689	9318	732	5727	1431	1428
70-74	14660	6782	513	5281	471	517	7878	475	4244	1892	1266
75-79	9989	4330	204	3376	467	283	5659	251	2516	2039	852
80-84	6646	2604	85	1956	423	141	4042	157	1349	2034	502
85-89	4428	1497	35	1018	367	77	2931	104	660	1871	296
90-94	2801	788	12	450	284	42	2013	64	279	1493	176
95+	1874	406	3	165	216	22	1468	37	99	1213	119
0-19	57489	29409	29318	90	0	1	28080	27694	376	0	9
20-64	167486	84062	22542	53242	570	7708	83424	13982	56974	2336	10133
65+	58342	25033	1784	18892	2587	1770	33309	1821	14874	11974	4640
20-65	171396	85964	22772	54690	633	7869	85433	14152	58253	2582	10446
20-66	175156	87781	22984	56082	698	8018	87375	14315	59468	2840	10752
20-67	178748	89507	23171	57412	771	8152	89241	14463	60610	3142	11026
20-68	182091	91103	23329	58655	846	8273	90988	14593	61665	3444	11286
20-69	185430	92688	23474	59889	928	8397	92743	14714	62700	3767	11561
66+	54432	23132	1554	17444	2524	1609	31301	1651	13595	11728	4327
67+	50673	21314	1342	16053	2459	1460	29359	1488	12380	11469	4021
68+	47081	19588	1155	14723	2385	1326	27492	1340	11238	11167	3747
69+	43738	17992	997	13480	2310	1205	25746	1210	10183	10865	3487
70+	40398	16407	852	12246	2228	1082	23991	1088	9148	10543	3212
TOTAL	283317	138504	53644	72224	3156	9479	144813	43497	72224	14310	14782

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Table 20f. July 1, 2040 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	11495	5884	5884	0	0	0	5611	5611	0	0	0
5-9	11963	6121	6121	0	0	0	5842	5842	0	0	0
10-14	12420	6354	6353	1	0	0	6066	6064	2	0	0
15-19	13030	6660	6582	78	0	1	6370	6033	328	0	8
20-24	13876	7069	5421	1549	0	99	6807	3975	2618	3	211
25-29	14758	7484	3341	3697	2	445	7274	2074	4580	13	607
30-34	15301	7739	2242	4767	4	726	7561	1282	5404	24	851
35-39	15546	7849	1748	5271	8	823	7697	938	5759	41	959
40-44	15972	8047	1550	5563	14	920	7924	777	6008	75	1064
45-49	17077	8581	1527	5991	29	1033	8496	750	6395	144	1208
50-54	18335	9171	1537	6520	59	1055	9164	800	6767	274	1324
55-59	18904	9396	1462	6851	108	975	9508	848	6814	494	1352
60-64	16991	8359	1136	6324	163	736	8631	690	6036	765	1140
65-69	15943	7711	1012	5847	261	592	8232	594	5422	1194	1022
70-74	15740	7390	943	5495	419	533	8350	600	4913	1822	1016
75-79	15861	7107	841	5117	649	500	8754	695	4267	2684	1108
80-84	13580	5638	530	3974	772	363	7942	674	3012	3214	1042
85-89	9326	3462	211	2335	703	213	5865	418	1613	3025	809
90-94	5453	1750	58	1051	524	117	3703	189	664	2293	557
95+	3345	851	12	383	399	57	2494	69	212	1835	379
0-19	48908	25020	24940	79	0	1	23888	23550	330	0	8
20-64	146759	73695	19963	46534	388	6811	73064	12135	50382	1832	8715
65+	79248	33909	3606	24201	3726	2375	45339	3239	20102	16066	5933
20-65	149952	75254	20166	47724	430	6935	74698	12254	51495	2027	8921
20-66	153044	76758	20356	48875	475	7051	76287	12363	52569	2237	9118
20-67	156147	78257	20548	50020	525	7165	77890	12474	53633	2468	9315
20-68	159304	79777	20746	51171	581	7278	79527	12590	54695	2726	9516
20-69	162702	81406	20974	52381	648	7403	81296	12729	55804	3026	9737
66+	76055	32350	3403	23012	3685	2251	43705	3120	18988	15870	5727
67+	72963	30846	3212	21860	3639	2135	42116	3011	17915	15660	5530
68+	69860	29347	3021	20715	3589	2021	40513	2900	16851	15429	5333
69+	66703	27827	2823	19564	3533	1907	38876	2784	15788	15172	5132
70+	63305	26198	2594	18354	3466	1783	37107	2645	14680	14872	4911
TOTAL	274915	132624	48509	70814	4114	9187	142291	38924	70814	17898	14656

Table 20g. July 1, 2060 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Sex and Marital State										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	9845	5040	5040	0	0	0	4805	4805	0	0	0
5-9	10287	5263	5263	0	0	0	5023	5023	0	0	0
10-14	10810	5530	5530	1	0	0	5280	5278	2	0	0
15-19	11397	5826	5757	68	0	1	5571	5279	285	0	7
20-24	11976	6099	4680	1334	0	85	5877	3447	2246	3	181
25-29	12504	6337	2827	3132	1	376	6166	1760	3882	10	514
30-34	12995	6570	1912	4038	3	616	6424	1079	4604	19	722
35-39	13569	6849	1551	4572	6	721	6719	821	5027	32	839
40-44	14309	7210	1419	4950	11	831	7099	727	5349	59	963
45-49	14988	7534	1347	5258	21	908	7455	693	5582	110	1070
50-54	15260	7638	1266	5464	40	868	7622	665	5666	198	1092
55-59	15203	7564	1170	5550	71	773	7639	621	5622	347	1049
60-64	15213	7506	1107	5597	121	680	7707	584	5534	591	998
65-69	15621	7602	1092	5668	213	628	8019	598	5421	992	1008
70-74	15806	7504	1031	5541	352	579	8302	642	5049	1570	1041
75-79	14934	6800	841	4966	505	487	8134	660	4208	2235	1030
80-84	11859	5061	493	3662	579	327	6798	502	2846	2624	826
85-89	9167	3558	284	2418	629	227	5610	366	1741	2843	660
90-94	6805	2345	153	1404	624	163	4460	273	941	2709	538
95+	7661	2143	93	916	967	168	5518	292	534	3872	819
0-19	42338	21659	21590	69	0	1	20679	20385	287	0	7
20-64	126016	63308	17279	39896	275	5857	62708	10398	43512	1369	7429
65+	81853	35012	3988	24575	3869	2580	46841	3332	20741	16845	5923
20-65	129098	64818	17499	41024	309	5986	64280	10514	44608	1529	7628
20-66	132201	66334	17718	42157	346	6113	65867	10632	45700	1707	7828
20-67	135327	67856	17936	43292	389	6239	67471	10751	46787	1903	8030
20-68	138473	69382	18155	44428	436	6363	69092	10872	47865	2121	8233
20-69	141637	70909	18372	45564	488	6485	70727	10996	48933	2361	8437
66+	78771	33502	3769	23446	3836	2451	45269	3216	19645	16685	5724
67+	75667	31986	3550	22314	3798	2324	43681	3098	18552	16507	5524
68+	72542	30464	3331	21179	3756	2198	42077	2979	17466	16310	5322
69+	69395	28938	3113	20043	3709	2074	40457	2858	16387	16093	5119
70+	66232	27411	2896	18907	3656	1952	38821	2734	15319	15853	4915
TOTAL	250207	119979	42857	64539	4145	8438	130228	34115	64539	18214	13359

Table 20h. July 1, 2080 Alternative III Population in the Social Security Area, by Age, Sex, and Marital State  
(in thousands)

Age	Total	Sex and Marital State									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	8574	4389	4389	0	0	0	4185	4185	0	0	0
5-9	8995	4602	4602	0	0	0	4392	4392	0	0	0
10-14	9448	4833	4833	1	0	0	4614	4613	1	0	0
15-19	9894	5058	4998	59	0	1	4837	4584	247	0	6
20-24	10341	5265	4041	1151	0	73	5076	2977	1940	2	156
25-29	10849	5496	2456	2712	1	326	5353	1528	3371	8	447
30-34	11415	5769	1691	3534	2	542	5646	959	4036	15	636
35-39	11972	6042	1380	4022	4	636	5930	744	4416	26	744
40-44	12455	6275	1238	4308	8	720	6180	651	4643	45	841
45-49	12798	6432	1150	4498	15	769	6366	597	4776	82	912
50-54	13053	6536	1096	4672	29	740	6517	566	4876	146	930
55-59	13379	6664	1062	4865	52	686	6715	553	4977	260	924
60-64	13789	6820	1044	5056	90	630	6969	559	5038	454	918
65-69	13966	6827	999	5099	157	573	7139	567	4900	757	915
70-74	13533	6478	893	4834	251	500	7056	550	4447	1173	886
75-79	12524	5783	727	4278	360	417	6741	502	3732	1671	836
80-84	11249	4916	545	3547	483	341	6334	446	2900	2214	774
85-89	9811	3963	379	2695	605	284	5848	399	2053	2679	717
90-94	7761	2832	222	1733	659	218	4928	329	1218	2754	627
95+	9407	2806	143	1261	1170	232	6601	348	754	4547	952
0-19	36911	18883	18823	59	0	1	18029	17774	248	0	6
20-64	110051	55299	15157	34818	202	5122	54752	9132	38073	1038	6509
65+	78252	33604	3908	23448	3684	2564	44648	3141	20005	15795	5706
20-65	112846	56673	15362	35843	227	5242	56173	9246	39073	1161	6693
20-66	115646	58046	15565	36867	255	5359	57600	9359	40066	1298	6877
20-67	118445	59414	15765	37890	286	5474	59030	9473	41049	1448	7060
20-68	121237	60775	15962	38907	320	5586	60462	9586	42019	1614	7243
20-69	124017	62125	16156	39917	358	5695	61892	9699	42973	1796	7424
66+	75457	32230	3702	22424	3659	2445	43227	3028	19004	15672	5522
67+	72657	30857	3499	21399	3631	2327	41800	2915	18011	15535	5339
68+	69858	29488	3299	20376	3600	2213	40370	2801	17028	15385	5155
69+	67066	28127	3102	19359	3566	2101	38938	2688	16059	15219	4973
70+	64286	26778	2909	18349	3528	1992	37508	2574	15105	15038	4791
TOTAL	225214	107785	37887	58325	3886	7687	117428	30048	58325	16833	12221

Table 21. Aged Dependency Ratios at Selected Retirement Ages by Calendar Year and Alternative.

Year	Alternative and Age											
	I				II				III			
	62	65	67	70	62	65	67	70	62	65	67	70
1940	.154	.113	.091	.064	.154	.113	.091	.064	.154	.113	.091	.064
1950	.185	.138	.112	.079	.185	.138	.112	.079	.185	.138	.112	.079
1960	.229	.174	.142	.101	.229	.174	.142	.101	.229	.174	.142	.101
1970	.241	.184	.153	.114	.241	.184	.153	.114	.241	.184	.153	.114
1980	.250	.194	.162	.120	.250	.194	.162	.120	.250	.194	.162	.120
1981	.250	.194	.163	.121	.250	.194	.163	.121	.250	.194	.163	.121
1982	.251	.195	.164	.123	.251	.195	.164	.123	.251	.195	.164	.123
1983	.253	.196	.165	.124	.253	.196	.165	.124	.253	.196	.165	.124
1984	.255	.197	.166	.125	.255	.198	.166	.126	.255	.198	.166	.126
1985	.257	.199	.167	.127	.257	.200	.167	.128	.258	.200	.168	.128
1986	.259	.202	.169	.128	.260	.202	.169	.129	.260	.203	.170	.129
1987	.261	.204	.171	.129	.262	.205	.172	.130	.263	.207	.173	.131
1988	.262	.206	.173	.130	.264	.208	.175	.132	.266	.210	.176	.133
1989	.263	.208	.175	.132	.266	.210	.177	.134	.268	.212	.179	.135
1990	.264	.210	.177	.134	.267	.213	.180	.136	.270	.215	.182	.138
1991	.264	.211	.179	.135	.268	.214	.182	.138	.271	.218	.185	.141
1992	.264	.212	.180	.138	.269	.216	.184	.141	.273	.220	.188	.144
1993	.264	.213	.182	.139	.270	.218	.186	.143	.275	.222	.190	.147
1994	.263	.214	.183	.141	.270	.219	.188	.145	.276	.225	.193	.149
1995	.263	.214	.184	.142	.270	.220	.190	.147	.276	.227	.195	.152
1996	.262	.214	.184	.144	.269	.221	.191	.149	.277	.228	.197	.155
1997	.261	.213	.185	.144	.269	.221	.192	.151	.278	.229	.199	.157
1998	.260	.212	.185	.145	.269	.221	.192	.152	.279	.229	.200	.159
1999	.259	.211	.184	.145	.269	.220	.192	.153	.279	.229	.200	.160
2000	.258	.210	.182	.145	.269	.220	.191	.153	.280	.230	.200	.161
2010	.285	.216	.182	.139	.305	.232	.196	.152	.327	.251	.213	.166
2020	.368	.278	.228	.168	.405	.307	.254	.189	.456	.348	.289	.218
2030	.425	.343	.291	.220	.488	.396	.338	.258	.591	.482	.412	.317
2040	.402	.331	.290	.232	.489	.405	.356	.288	.650	.540	.477	.389
2050	.387	.311	.269	.211	.498	.404	.350	.278	.735	.600	.521	.417
2060	.376	.304	.262	.206	.496	.407	.354	.284	.779	.650	.572	.468
2070	.374	.300	.258	.204	.499	.407	.355	.286	.810	.675	.597	.494
2080	.381	.307	.263	.207	.513	.419	.365	.293	.851	.711	.628	.518

Note: The aged dependency ratio calculated at a selected age is the ratio of the number of people in the population as of July 1 who are as old or older than the selected age to the number of people who are between 19 and the selected age.

Table 22. Retirement Age at Selected Aged Dependency Ratios by Alternative and Calendar Year

Year	Alternative and Dependency Ratio								
	I			II			III		
	.20	.25	.30	.20	.25	.30	.20	.25	.30
1940	59	57	55	59	57	55	59	57	55
1950	61	59	57	61	59	57	61	59	57
1960	64	61	59	64	61	59	64	61	59
1970	64	62	59	64	62	59	64	62	59
1980	65	62	60	65	62	60	65	62	60
1981	65	62	60	65	62	60	65	62	60
1982	65	62	60	65	62	60	65	62	60
1983	65	62	60	65	62	60	65	62	60
1984	65	62	60	65	62	60	65	62	60
1985	65	62	60	65	62	60	65	62	60
1986	65	62	60	65	62	60	65	63	60
1987	65	63	60	65	63	60	65	63	60
1988	65	63	60	65	63	60	66	63	60
1989	65	63	60	66	63	60	66	63	60
1990	66	63	60	66	63	60	66	63	60
1991	66	63	60	66	63	60	66	63	61
1992	66	63	60	66	63	60	66	63	61
1993	66	63	60	66	63	60	66	63	61
1994	66	63	60	66	63	60	67	64	61
1995	66	63	60	66	63	60	67	64	61
1996	66	63	60	66	63	60	67	64	61
1997	66	63	60	66	63	60	67	64	61
1998	66	63	60	66	63	60	67	64	61
1999	66	63	60	66	63	60	67	64	61
2000	66	62	60	66	63	60	67	64	61
2010	66	63	61	67	64	62	68	65	63
2020	68	66	64	69	67	65	71	69	67
2030	71	69	67	73	70	68	75	72	71
2040	72	69	66	75	72	69	78	76	74
2050	71	68	66	74	71	69	80	77	75
2060	70	68	65	74	72	69	80	78	76
2070	70	67	65	75	72	69	82	79	77
2080	70	68	65	75	72	70	83	80	78

Note: The aged dependency ratio calculated at a selected age is the ratio of the number of people in the population as of July 1 who are as old or older than the selected age to the number of people in the population as of July 1 who are between age 19 and the selected age.



Chart 1.  
Total Fertility Rate (in children per woman): 1920-2080  
Actual and as Projected under Alternatives I, II, and III

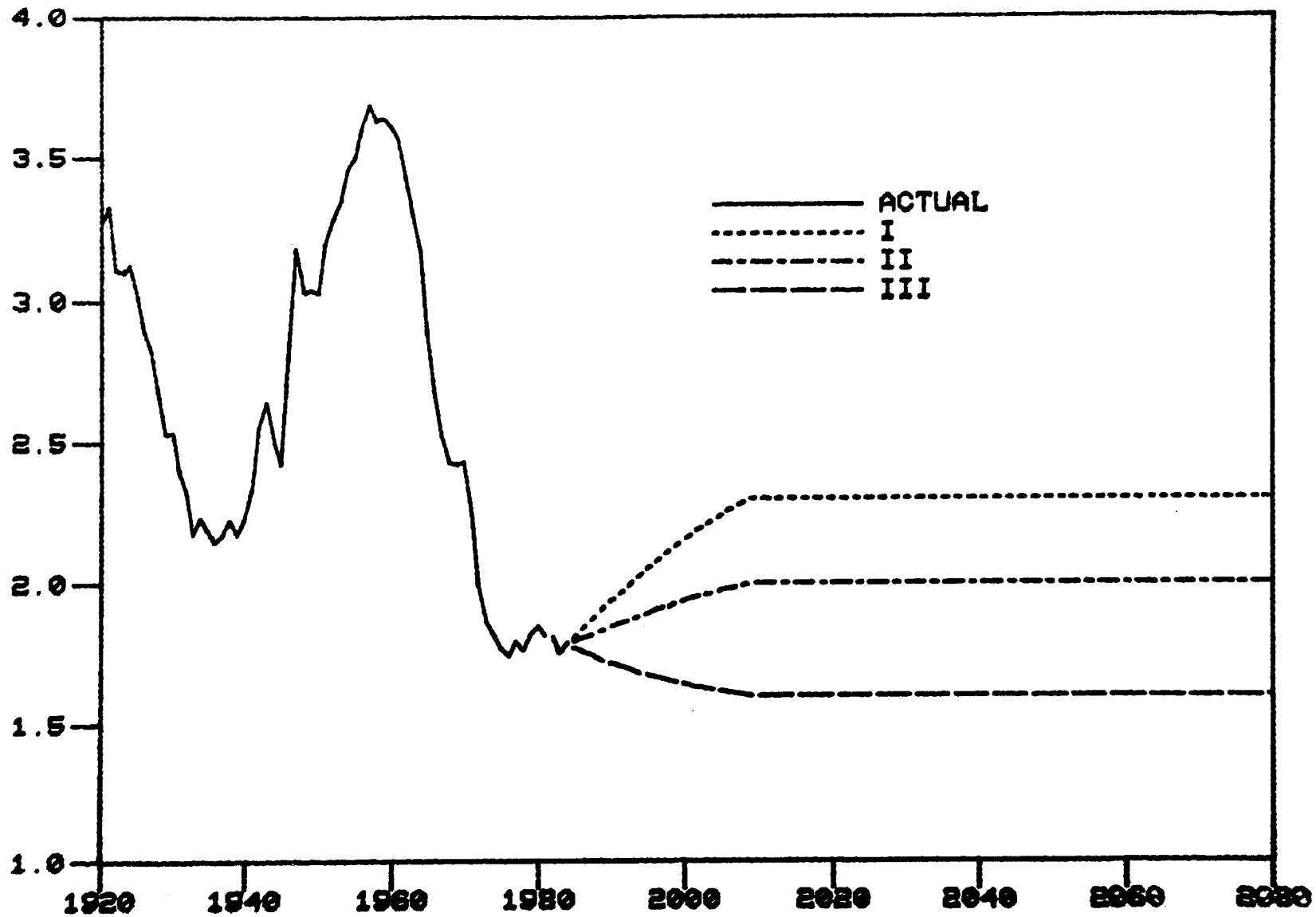


Chart 2a.  
Male Life Expectancy (in years): 1900-2080  
Actual and as Projected under Alternatives I, II, and III

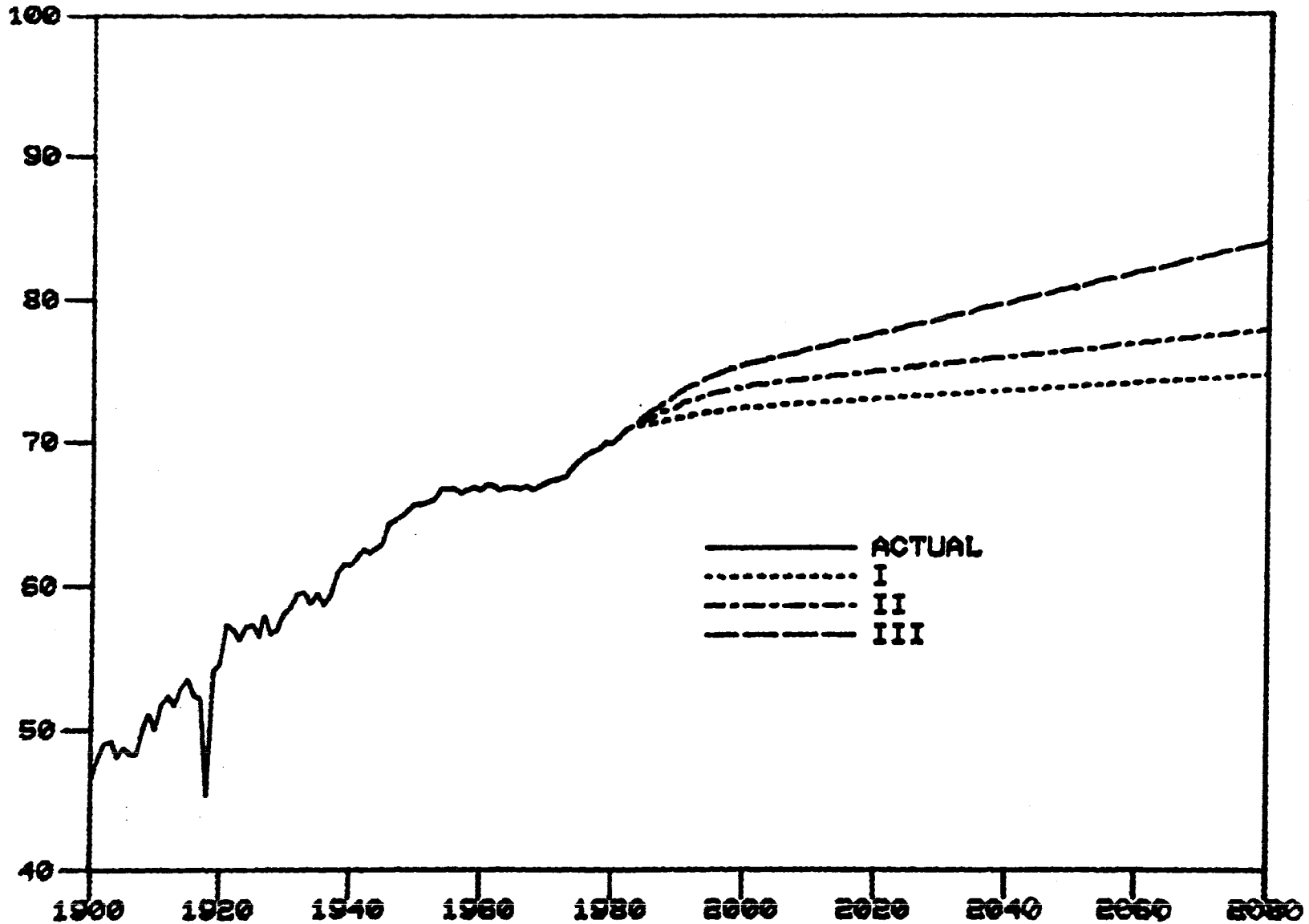


Chart 2b.  
Female Life Expectancy (in years): 1900-2080  
Actual and as Projected under Alternatives I, II, and III

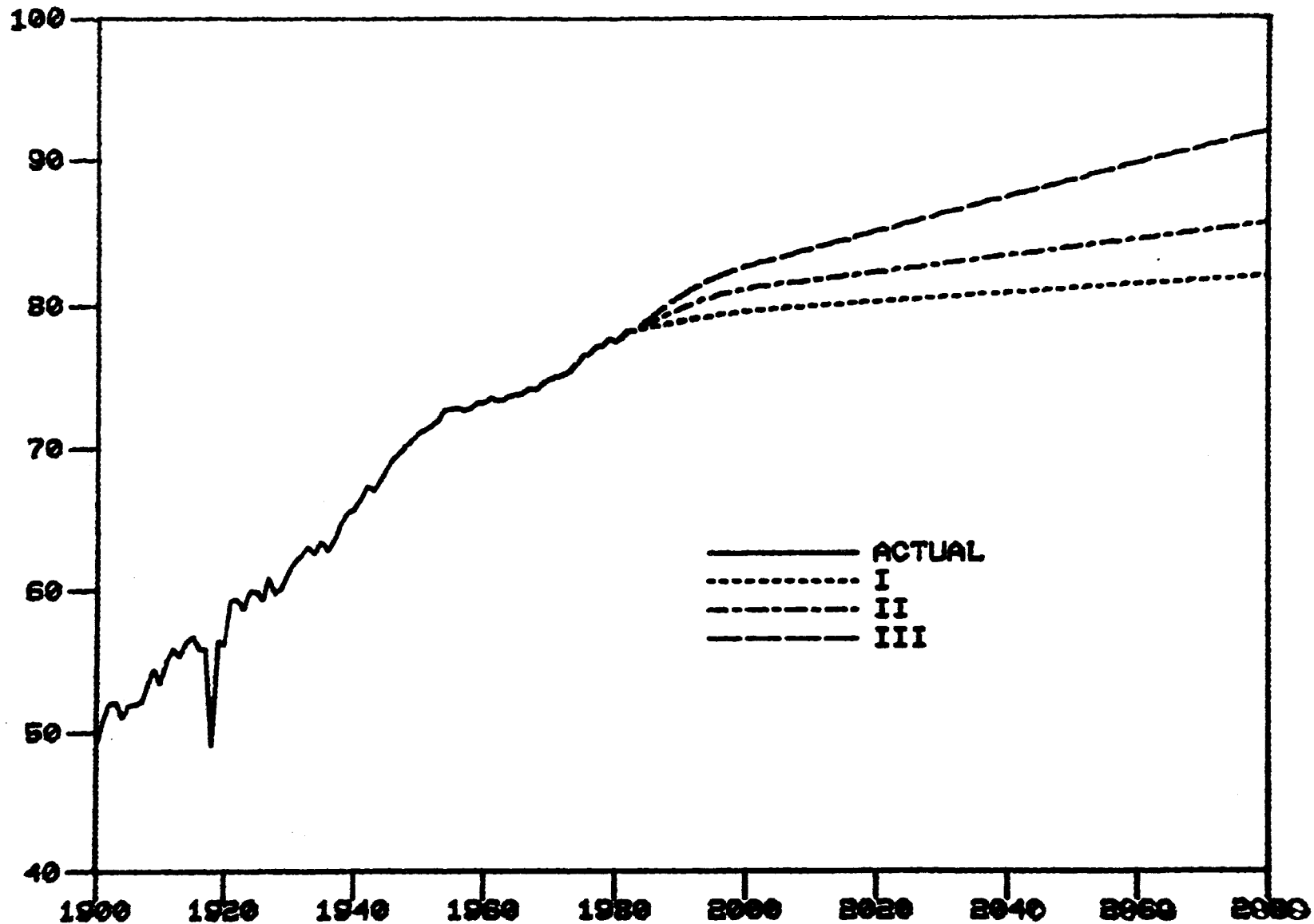


Chart 3.  
Social Security Area Population (in millions), 1960-2080  
Actual and as Projected under Alternatives I, II, and III

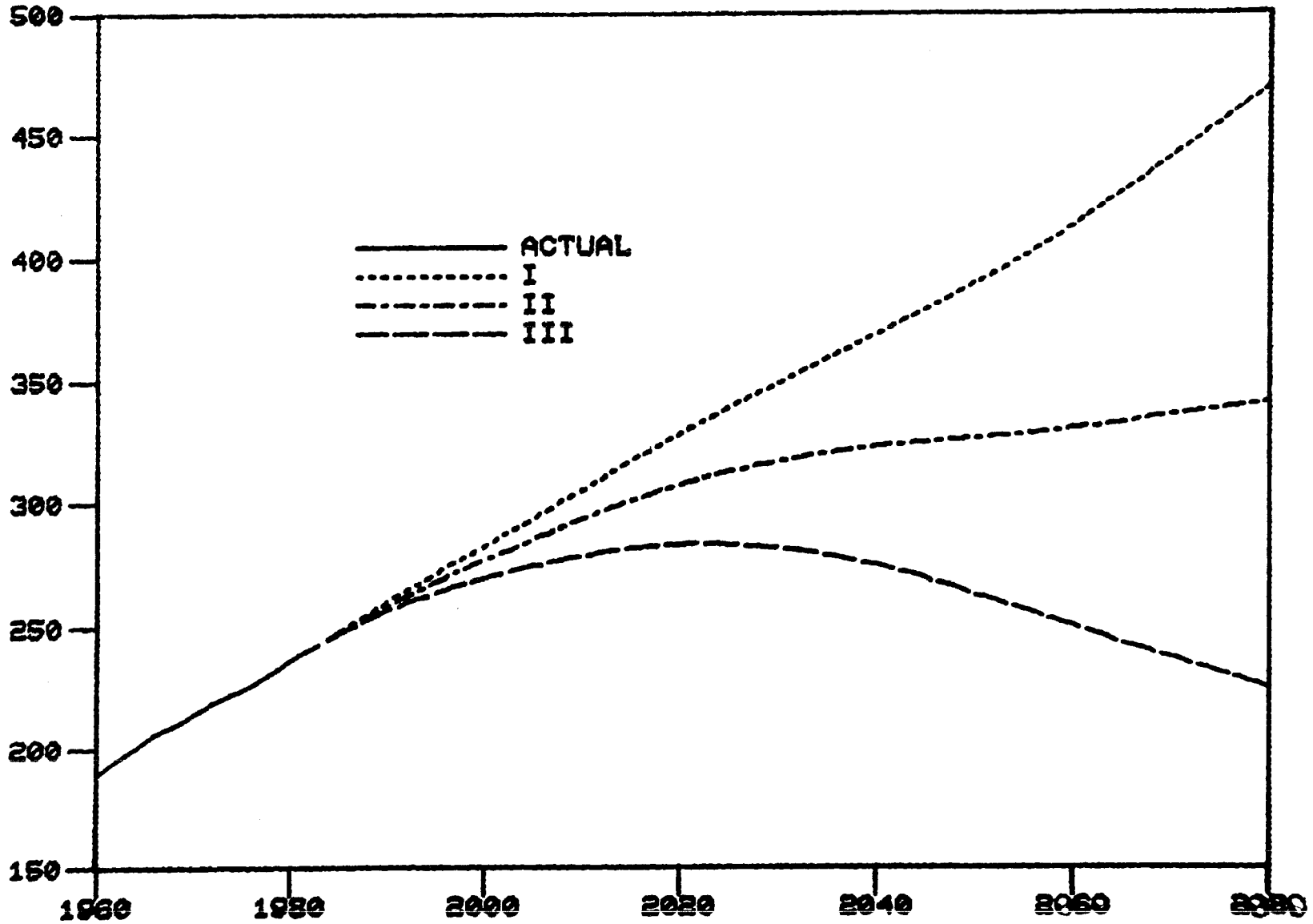


Chart 4.  
Social Security Area Population Aged 65+ (in millions): 1960-2080  
Actual and as Projected under Alternatives I, II, and III

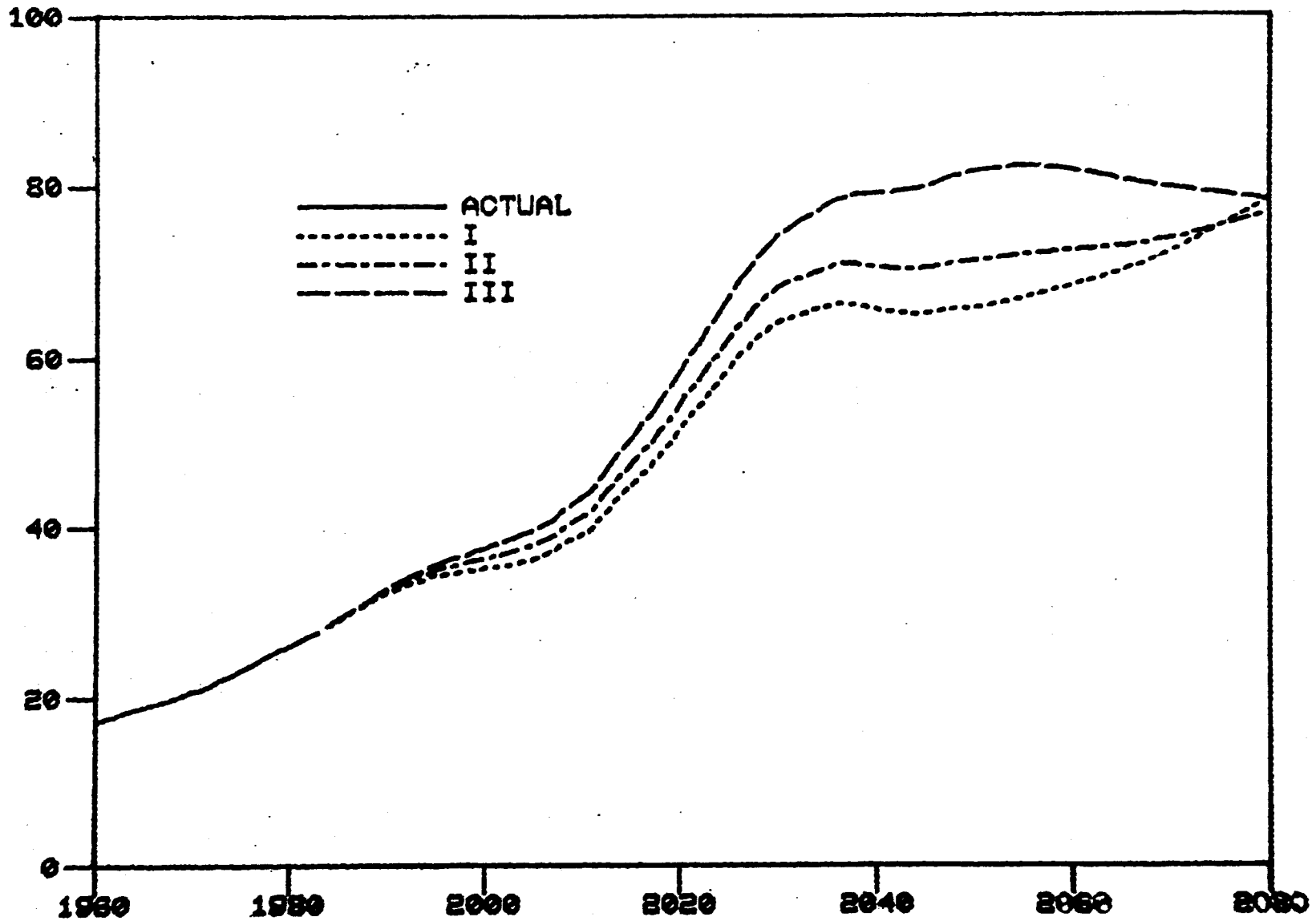


Chart 5.  
Ratio of Population Aged 65+ to Population Aged 20-64, 1960-2080  
Actual and as Projected under Alternatives I, II, and III

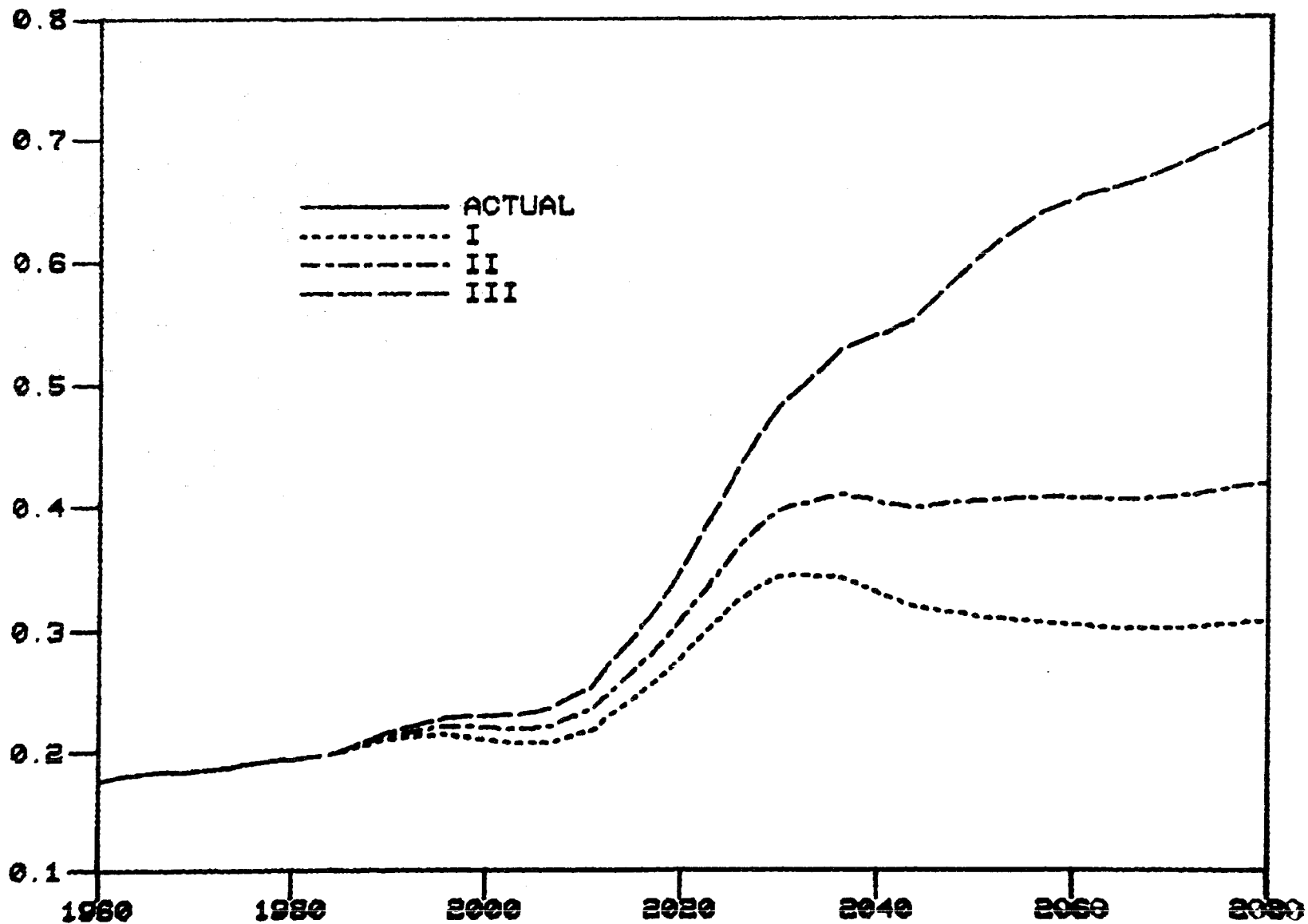
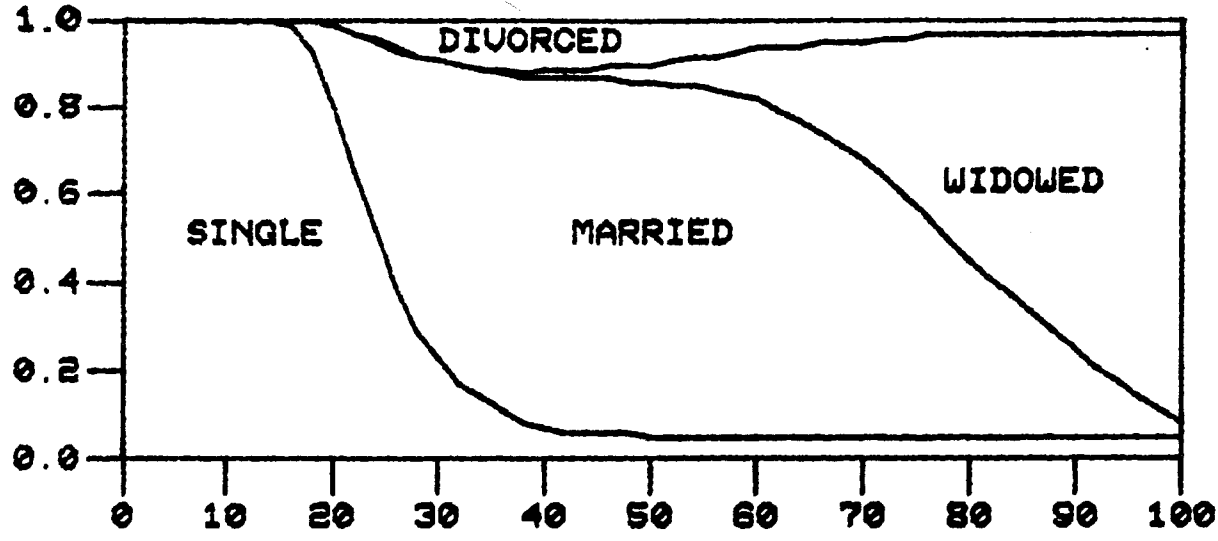
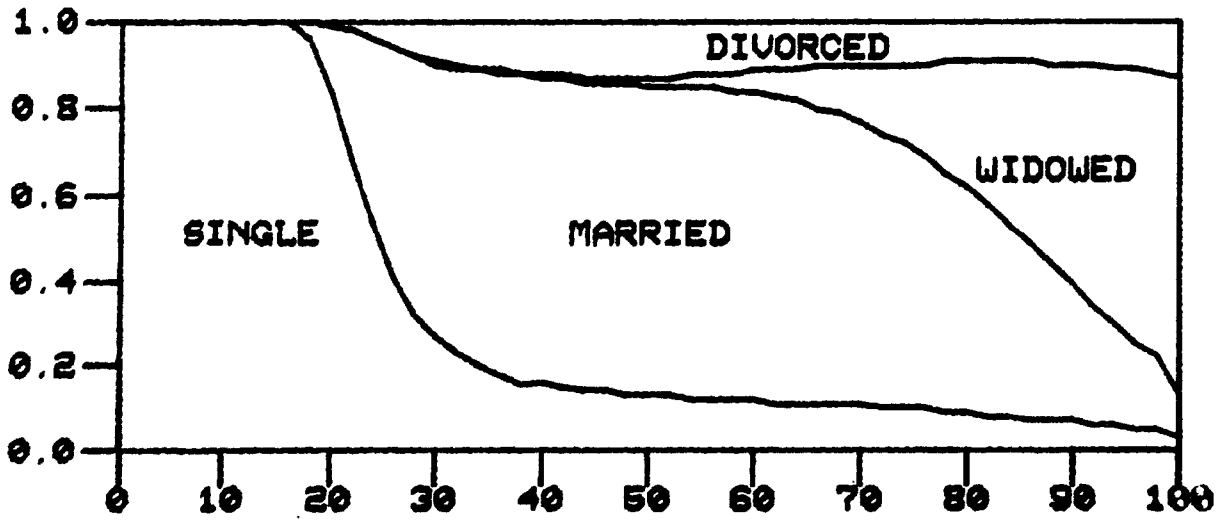


Chart 6.  
 Distribution of the Population by Marital Status, Ages 0-100

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JULY 1, 1983



JULY 1, 2080  
 (ALTERNATIVE II)