

SOCIAL SECURITY AREA POPULATION PROJECTIONS, 1981

ACTUARIAL STUDY NO. 85

by Joseph F. Faber and John C. Wilkin, F.S.A.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Social Security Administration
Office of the Actuary

July 1981
SSA Pub. No. 11-11532

Table of Contents

A. Basic Concepts.....	1
B. Assumptions	
1. Starting Population.....	3
2. Fertility.....	4
3. Mortality.....	5
4. Net Immigration.....	7
5. Marriage.....	7
6. Divorce.....	8
7. Illegal Aliens.....	8
C. Methods	
1. Probabilities of Survival.....	10
2. Probabilities of Marriage and Divorce.....	11
3. Deaths.....	11
4. Marriages.....	11
5. Widowings.....	11
6. Divorces.....	12
7. Net Immigration.....	12
8. End of Year Population.....	12
9. Births.....	12
D. Results	
1. Life Expectancies.....	13
2. Total Population.....	13
3. Aged Population.....	13
4. Demographic Indicators.....	14
E. Tables	
1. July 1, 1979 Population in the Social Security Area, by Age Group, and Component	
a. Male.....	15
b. Female.....	16
c. Total.....	17
2. July 1, 1979 Population in the Social Security Area, by Age Group, Sex, and Marital Status.....	18
3. July 1, 1979 Existing Marriages in the Social Security Area, by Age Group of Husband and Age Group of Wife.....	19
4. Past and Assumed Total Fertility Rates, by Alternative.....	20
5. Calendar Year 1978 and Assumed Central Birth Rates, by Age	
a. Alternative I.....	21
b. Alternative II.....	22
c. Alternative III.....	23

6.	Past and Assumed Completed Cohort Fertility Rates, by Alternative.....	24
7.	Calendar Year 1978 Central Death Rates, by Age Group and Cause of Death	
	a. Male.....	25
	b. Female.....	26
8.	Graduated Average Annual Percentage Improvements in Central Death Rates During 1968-1978, by Age Group and Cause of Death	
	a. Male.....	27
	b. Female.....	28
9.	Alternative II Calendar Year 2080 Central Death Rates, by Age Group and Cause of Death	
	a. Male.....	29
	b. Female.....	30
10.	Calendar Year 1978 and Assumed Central Death Rates, by Age Group and Sex	
	a. Alternative I.....	31
	b. Alternative II.....	32
	c. Alternative III.....	33
11.	Past and Assumed Age-Adjusted Death Rates, by Alternative	
	a. Male.....	34
	b. Female.....	35
12.	Calendar Years 1959-1961 Average Central Death Rates, by Age Group, Sex, and Marital Status.....	36
13.	Assumed Annual Net Immigration, by Age and Sex.....	36
14.	Calendar Year 1978 Central Marriage Rates, by Age Group of Husband and Age Group of Wife.....	37
15.	Calendar Year 1976 Central Marriage Rates, by Age Group, Sex, and Previous Marital Status.....	38
16.	Calendar Year 1977 Central Divorce Rates, by Age Group of Husband and Age Group of Wife.....	38
17.	Past and Projected Vital Events	
	a. Alternative I.....	39
	b. Alternative II.....	40
	c. Alternative III.....	41
18.	Past and Projected Life Expectancies at Birth and at Age 65, by Sex and Alternative.....	42
19.	Alternative I Population in the Social Security Area, by Age Group, Sex, and Marital Status	
	a. July 1, 1980.....	43
	b. July 1, 1985.....	44

c. July 1, 1990.....	45
d. July 1, 1995.....	46
e. July 1, 2000.....	47
f. July 1, 2020.....	48
g. July 1, 2040.....	49
h. July 1, 2060.....	50
i. July 1, 2080.....	51

20. Alternative II Population in the Social Security Area, by Age Group, Sex, and Marital Status	
a. July 1, 1980.....	52
b. July 1, 1985.....	53
c. July 1, 1990.....	54
d. July 1, 1995.....	55
e. July 1, 2000.....	56
f. July 1, 2020.....	57
g. July 1, 2040.....	58
h. July 1, 2060.....	59
i. July 1, 2080.....	60

21. Alternative III Population in the Social Security Area, by Age Group, Sex, and Marital Status	
a. July 1, 1980.....	61
b. July 1, 1985.....	62
c. July 1, 1990.....	63
d. July 1, 1995.....	64
e. July 1, 2000.....	65
f. July 1, 2020.....	66
g. July 1, 2040.....	67
h. July 1, 2060.....	68
i. July 1, 2080.....	69

22. Past and Projected July 1 Social Security Area Population and Selected Ratios	
a. Alternative I.....	70
b. Alternative II.....	71
c. Alternative III.....	72

F. Charts

1. Total Fertility Rate: 1920-2080.....	73
2. Life Expectancy: 1900-2080	
a. Male.....	74
b. Female.....	75
3. Social Security Area Total Population: 1960-2080.....	76
4. Social Security Area Population Aged 65+: 1960-2080.....	77
5. Ratio of Population Aged 65+ to Population Aged 20-64: 1960-2080.....	78
6. Distribution of the Total Population by Marital Status: Ages 0-100.....	79

A. Basic Concepts

This study summarizes the population projections by age, sex, and marital status used for the analysis of potential future financial commitments of the Old-Age and Survivors Insurance and Disability Insurance Trust Funds appearing in the 1981 Report of the Board of Trustees. These population projections supersede those published in Actuarial Studies Nos. 82 and 84, reflecting updated estimates of the starting population; more recent data on fertility, mortality, marriage, and divorce; a slightly revised projection of mortality; and a significantly revised projection of fertility. Considerably more detail than is published in this study is available from the Office of the Actuary, upon request.

The population projections in this study were developed from a recent estimate of the population by age, sex, and marital status; a recent estimate of existing marriages by age of husband and age of wife; and assumptions about future net immigration, births, deaths, marriages, and divorces. For estimates of the population and of existing marriages, we relied upon the Bureau of the Census. However, it was necessary to make modifications to account for net census undercount and for persons outside the fifty States and the District of Columbia who are covered by Social Security. For data on immigration, we relied upon the Immigration and Naturalization Service. For data on births, deaths, marriages, and divorces we relied upon the National Center for Health Statistics.

Because the components of population change (with the exception of net immigration) depend heavily upon the size of the population, it is better to analyze them as rates than as absolute numbers. The rates discussed in this study are generally annual central rates, that is, the number of occurrences of an event during a year as a ratio to the mid-year population having the potential to experience the event. Because rates of birth, death, marriage, and divorce vary greatly by age and sex, it is better to analyze them on an age-sex-specific basis (each age and sex separately) than on a crude basis (all ages or sexes grouped). A compromise sometimes used in this study is to analyze rates by five-year age groups rather than single ages. Appropriate population bases used to calculate age-sex-specific central rates of birth, death, marriage and divorce were obtained from the Bureau of the Census, with modifications as needed.

Although analyzing components of population change on an age-sex-specific basis generally yields high accuracy, it also generates more figures than the mind can easily assimilate. Hence to study trends through time, it is conceptually convenient, if not necessary, to summarize each component of change by a single statistic.

Because the number of deaths depends upon the age-sex distribution of the population, a summarizing statistic for mortality is customarily calculated as a weighted average of the age-sex-specific death rates, where the weightings are the relative sizes of the age-sex-specific populations in some standard population. This rate, called the age-sex-adjusted death rate,

when multiplied by the standard population, gives the number of deaths that would occur in the standard population if the age-sex-specific death rates were to be experienced. If one is willing to summarize mortality by two statistics rather than one, separate age-adjusted death rates can be calculated for each sex, as is done in this study. Age-adjusted death rates are generally expressed per hundred thousand.

Because the number of births depends upon the age distribution of the female population of childbearing age, a summarizing statistic for fertility might be calculated by age-adjustment to a standard female population of childbearing age. However, a simple sum of the age-specific birth rates expressed per thousand is generally used, because it is more easily interpreted. This statistic, called the total fertility rate, gives the number of children that would be born to a thousand women if they were to survive the childbearing years and were to experience the current age-specific birth rates throughout those years. Sometimes, the total fertility rate is expressed per woman, rather than per thousand women.

The number of marriages depends upon the age-sex distribution of the non-married population rather than the total population. Thus, an acceptable summarizing statistic could be calculated by age-adjustment to a standard non-married population. Such a statistic has not been developed, however, because highly reliable data on marriages by age of husband and age of wife are difficult to obtain and even more difficult to match with accurate estimates of the population eligible to be married. Because of similar difficulties, neither has an acceptable summarizing statistic for divorces been developed.

B. Assumptions

1. Starting Population

The starting population for the projection was the estimated population in the Social Security Area as of July 1, 1979 by single years 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.....	220,586
Adjustment for net census undercount.....	5,550
Civilian residents of Puerto Rico.....	3,420
Civilian residents of the Virgin Islands.....	97
Civilian residents of Guam.....	106
Civilian residents of American Samoa.....	31
Federal civilian employees overseas.....	45
Dependents of Federal employees overseas.....	340
Crew members of merchant vessels.....	28
Other citizens overseas.....	437
Total.....	230,640

The number of residents of the fifty States and D.C. and armed forces overseas was published by the Bureau of the Census by sex and by single years of age up to age 85 in Current Population Reports Series P-25, No. 870. The adjustment for net census undercount was estimated by sex and by single years of age up to age 85 from data also published in Current Population Reports Series P-25, No. 870. The numbers of civilian residents of Puerto Rico, the Virgin Islands, Guam, and American Samoa were estimated by sex and by single years of age up to age 85 from data published by the Bureau of the Census in Current Population Reports Series P-25, No. 872. The numbers of Federal civilian employees overseas and dependents of Federal civilian employees and of armed forces overseas by sex and by single years of age up to age 85 were estimated from data supplied by the State Department and the Office of Personnel Management. The number of crew members of merchant vessels was estimated by sex and by single years of age up to age 85 from data obtained from the Maritime Administration. The number of other citizens overseas covered by Social Security was estimated by sex and by single years of age up to age 85 from data supplied by the State Department. The overlap among the components, believed to be small, was ignored. Tables 1 give the July 1, 1979 Social Security Area population by age group, sex, and component. 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, 1979.

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. 349. A distribution of the starting married population by age of husband crossed with age of wife was estimated from data published by the Bureau of the Census in Census of the Population: 1970 Final Report No. PC(2)-4C. The distribution as shown in the 1970 census

was adjusted to represent 1979 by an iterative proration method designed to assure consistency with the previously estimated starting married population by age and sex. Table 2 shows the starting population in the Social Security Area by age group, sex, and marital status. Table 3 shows the starting married population by age group of husband crossed with age group of wife.

2. Fertility

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 1924, the total fertility rate was more than 3 children per woman. (A total fertility rate of about 2.1 is sufficient to replenish the population, in the absence of net migration.) In 1924 the total fertility rate entered a period of decline from 3.1 to 2.2 children per woman in 1933, and then remained level at 2.1-2.2 children per woman through 1940. During the next twenty years, the total fertility rate increased sporadically 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 that time, the total fertility rate has fluctuated around 1.8 children per woman.

We believe that the total fertility rate will eventually increase above the present low level, but we do not believe that it will return to the high levels observed during the late 1940's, 1950's, and 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 until recently, and because such a total fertility rate is well below that needed to replenish the population. We believe that the total fertility rate will not return to the high levels observed in the past because of the shift in the status of children within their families from economic assets to economic liabilities, because of the increase in contraception and abortion, because of the increasing attachment of women to the labor force, because of the increasing prevalence of divorce, and because of the increased tendency toward postponement of marriage among young women. Current birth expectation surveys, such as that published by the Bureau of the Census in Current Population Reports Series P-20, No. 358, show a good long-range assumption for the total fertility rate to be in the neighborhood of 2.0-2.1 children per woman.

As the intermediate (alternative II) assumption for the 1981 Report of the Board of Trustees, we have used an ultimate total fertility rate of 2.1 children per woman. This assumption was recommended by the Panel of Consultants to the 1979 Advisory Council on Social Security and was used by the Bureau of the Census for its most recent central set of population projections. As alternative I and alternative III fertility assumptions we have selected total fertility rates of 2.4 and 1.7 children per woman, respectively. These assumptions are slightly different from those recommended by the Panel of Consultants to the 1979 Advisory Council on Social Security, spanning a somewhat narrower range. We believe that the Council's recommended alternative I assumption of 2.5, although possible, is highly unlikely to occur. We further believe that the Council's recommended alternative III assumption of 1.5 is an unreasonable long-range assumption in view of the fact that historically the total fertility rate has never been below 1.7.

Total fertility rates of 1.81 for 1979 and 1.84 for 1980 were estimated from provisional data published by the National Center for Health Statistics in Monthly Vital Statistics Reports Volumes 28 and 29. Total fertility rates between 1980 and 2005 (the year when the ultimate rate was assumed to be first experienced) were found by linear interpolation. Table 4 gives past and assumed total fertility rates by alternative. Chart 1 shows past and assumed total fertility rates for 1920-2080.

The annual changes in the age distribution of fertility for all three alternatives during 1978-1981 were assumed to be roughly the same as the observed average annual changes during 1974-1978 (a period that saw a shift in fertility from the younger ages to the older ages, reversing a long-standing trend). After 1981, the age distribution was assumed to remain constant. Tables 5 give the assumed age-specific central birth rates by alternative for selected calendar years.

The total fertility rate summarizes fertility as observed in a single calendar year. However, the fertility rates actually experienced by a particular cohort of women are drawn from many calendar years. To summarize fertility as experienced by a particular cohort of women, central birth rates for succeeding ages should be added for succeeding years. This statistic, called the completed cohort fertility rate, is given in table 6 by alternative.

3. Mortality

Any creditable attempt at projecting death rates must begin with a study of past trends in mortality. An examination of death rates age-adjusted to the enumerated population of the United States as of April 1, 1970 reveals four distinct periods of diverse mortality improvement since 1900. During the period 1900-1936, annual mortality improvement averaged about 0.9 percent for males and 1.0 percent for females. Following this was a period of rapid improvement, 1936-1954, in which mortality improved an average of 1.7 percent per year for males and 2.6 percent per year for females. The period 1954-1968 saw an actual deterioration for males of 0.1 percent per year and a much slower improvement of 0.8 percent per year for females. From 1968 through 1978 rapid improvement in mortality resumed, averaging 1.8 percent for males and 2.3 percent for females, annually. Provisional statistics for 1979 show improvement in mortality even more rapid than the average experience for 1968-1978, while partial statistics for 1980 show little if any improvement over 1979.

Past improvement in mortality has varied greatly by cause of death. Because it is expected that future improvement in mortality will also vary greatly by cause of death, alternative II death rates by age and sex were projected separately for ten groups of causes of death. Those groups are as follows:

- I. Diseases of the Heart (Eighth Revision of the International List of Diseases and Causes of Death code numbers 390-398, 402, 404, 410-429)
- II. Malignant Neoplasms (140-209)
- III. Vascular Diseases (400-401, 403, 430-458, 582-584)
- IV. Accidents, Suicide, and Homicide (E800-E989)
- V. Diseases of the Respiratory System (460-519)

- VI. Congenital Malformations and Diseases of Early Infancy (740-778)
- VII. Diseases of the Digestive System (520-570, 572-577)
- VIII. Diabetes Mellitus (250)
- IX. Cirrhosis of the Liver (571)
- X. All Other Causes

Central death rates were obtained from the National Center for Health Statistics for each calendar year in the period 1968-1978 by age group, sex and cause of death. Rates for the year 1978 are given in tables 7. Average annual improvements in mortality during 1968-1978 by age group, sex, and cause of death were calculated as the negative of the slope of the least-squares line through the logarithms of the central death rates. Fluctuations with age were then smoothed by applying a Whittaker-Henderson type B graduation. These graduated average annual improvements are given in tables 8.

Future improvements in mortality will depend upon such factors as: the development and application of new diagnostic and surgical techniques, the presence of environmental pollutants, improvements in exercise and nutrition, the incidence of violence, the isolation and treatment of causes of disease, improvements in prenatal care, the incidence of abortion, 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 a set of ultimate annual percentage improvements in central death rates by sex and cause of death. These ultimate annual percentage improvements for each sex and each cause of death are as follows:

	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>	<u>V</u>	<u>VI</u>	<u>VII</u>	<u>VIII</u>	<u>IX</u>	<u>X</u>
Male	0.60	0.20	0.80	0.00	-0.20	1.00	0.60	0.20	-0.10	0.30
Female	0.60	0.30	0.80	-0.10	-0.20	1.00	0.60	0.20	-0.20	0.30

We assumed that improvement in mortality will continue to shift from infectious diseases (such as poliomyelitis and influenza), where very little additional improvement is possible, to degenerative diseases (such as heart and vascular disease), where much can yet be done. We assumed that infant mortality would continue to improve rapidly, but that mortality from violent causes (primarily affecting young adults) would deteriorate. We also assumed that the gap between male and female mortality would continue to widen, but at a decreased rate, as women become increasingly subject to the same environmental pressures and hazards as men.

Central death rates by age group, sex, and cause of death for 1979 were estimated from provisional data published by the National Center for Health Statistics in Monthly Vital Statistics Reports Volume 28. Death rates for 1980 were assumed to remain unchanged from 1979, as suggested by partial data published in Monthly Vital Statistics Reports Volume 29. For alternative II, central death rates were projected by age group, sex, and cause of death from their assumed 1980 levels by applying assumed annual percentage improvements. The assumed annual improvements applied during 1980-1981 were the graduated average annual improvements for 1968-1978. The assumed annual improvements applied during 1981-2005 were calculated by a logarithmic formula designed to

gradually transform the graduated average annual improvements for 1968-1978 into the ultimate annual improvements. The ultimate annual improvements were applied during 2005-2080. Tables 9 give assumed alternative II central death rates by age group, sex, and cause of death for calendar years 2000 and 2080.

Under alternatives I and III, the central death rates for 1979 and 1980 were assumed to be the same as for alternative II. For 1980-2080, alternatives I and III annual improvements in central death rates by age group and sex were assumed to average half and twice the alternative II improvements, respectively. Tables 10 give calendar year 1978 and assumed central death rates by age group, sex, and alternative for selected years. Tables 11 give past and assumed age-adjusted death rates by sex and alternative.

Although a complete projection of age-sex-specific death rates was not done for each marital status, we felt that it was important to reflect some differential in mortality by marital status. Future relative differences in death rates by marital status were assumed to be as experienced during 1959-1961. These rates were published by the National Center for Health Statistics in Vital and Health Statistics Series 20, Nos. 8a and 8b, and with some modifications are given in Table 12.

4. 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. Net immigration (the excess of immigration over emigration) 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 some annual net emigration. Annual net 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 net immigration increased to about 400,000, although a few years have been somewhat greater because of the influx of refugees. For the 1981 Report of the Board of Trustees alternatives I, II, and III, we assumed an annual net immigration of 400,000. The age-sex distribution shown in table 13 was based on data published by the Immigration and Naturalization Service in its 1975 Annual Report.

5. Marriage

The unavailability of an acceptable summarizing statistic for marriages precluded our studying past trends in marriage. Hence we assumed that future age*of*husband-age*of*wife-specific rates of marriage would remain at about the same level as currently observed. Of course, this does not imply that the crude rate of marriage in the projected population remains constant.

Data on new marriages in the Marriage Registration Area during calendar year 1978 by age of husband crossed with age of wife were obtained from the National Center for Health Statistics. Estimates of the unmarried population in the Marriage Registration Area (which consists of 41 States and D.C. and accounts

for about 80 percent of all marriages in the U.S.) were obtained from the Bureau of the Census by age group and sex. The age distribution of the unmarried population in the Marriage Registration Area for each age group estimated by the Bureau of the Census was assumed to be the same as the unmarried population in the Social Security Area. Central marriage rates for each age of husband crossed with each age of wife were calculated as the ratio of the number of marriages between men of a given age and women of another given age to the square root of the product of the mid-year unmarried male population at the given age and the mid-year unmarried female population at the other given age. These rates for five-year age groups are shown in table 14.

Although a complete projection of age*of*husband-age*of*wife-specific central marriage rates was not done for each previous marital status, we felt that it was important to reflect some differential in marriage rates by previous marital status. Future relative differences in marriage rates by previous marital status were assumed to be as experienced during 1976. These rates were published by the National Center for Health Statistics in Vital Statistics of the United States 1976 Volume III, and with some modifications are given in table 15.

6. Divorce

The unavailability of an acceptable representative statistic for divorces precluded our 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 currently 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 year 1977 by age group of husband crossed with age group of wife were obtained from the National Center for Health Statistics. The divorces occurring in the Divorce Registration Area (which consists of 29 States and accounts for about 60 percent of all divorces in the U.S.) were then inflated to represent the Social Security Area, based on the total number of divorces during calendar year 1977 in the fifty States, District of Columbia, Puerto Rico, and the Virgin Islands. Central divorce rates for each age group of husband crossed with each age group of wife were calculated as the ratio of the number of divorces in the Social Security Area to couples with given ages of husband and wife to the number of existing marriages in the Social Security Area with the given ages of husband and wife. These rates are shown in table 16.

7. Illegal Aliens

Very little is known about the number of illegal aliens currently residing in the United States. Recent estimates have ranged from 3 million to 12 million, reflecting the lack of data and apparently also the specific interests of the groups that prepared the estimates.

Illegal aliens are included in our starting population, as it is the official policy of the Bureau of the Census to enumerate all persons residing in the United States, whether legally or illegally. It appears, however, that the illegal residents are undercounted to a much larger extent than the legal residents.

The annual net immigration of 400,000 persons per year assumed in this study excludes aliens entering the United States illegally, largely because no reliable estimate of their number exists. Part of the problem in analyzing net illegal immigration is that illegal aliens tend to stay in the United States temporarily rather than permanently, as they frequently return to families in their native countries.

In summary, our starting population includes illegal aliens. Our projections take into account deaths and births to these illegal aliens, but assume no future net illegal immigration.

C. METHODS

1. Probabilities of Survival

To calculate probabilities of survival by age last birthday, life tables for each sex were constructed for each quinquennial year from 1980 to 2080. The method used was similar to that used for the 1959-61 United States Decennial Life Tables, with some modifications at the older ages. Central death rates based on data from the National Center for Health Statistics were used for ages 0 to 64, while central death rates based on data from the Social Security Medicare program were used for ages 65 and over. Following is a comparison of 1978 central death rates (per hundred thousand) from the two sources:

Age	Males		Females	
	NCHS	Medicare	NCHS	Medicare
65-69	3439.3	3552.8	1685.2	1713.3
70-74	5241.5	5213.1	2724.9	2635.7
75-79	8065.8	7627.7	4713.2	4258.2
80-84	11597.1	11218.2	7509.4	7143.6
85+	17258.9	18700.3	13541.2	14385.4

A detailed analysis of Medicare mortality statistics and comparison to NCHS statistics is contained in "Recent Trends in the Mortality of the Aged" by John C. Wilkin, which is soon to be published in the Transactions of the Society of Actuaries.

The probability of death at age 0 (q_0) was calculated such that the central death rate in the table at age 0 (m_0) would equal that in the population. The probabilities of death at each age 1 through 4 (q_1, q_2, q_3, q_4) were calculated such that four-year central death rate at age 1 (${}_4m_1$) would equal that in the population and such that the distribution of deaths among ages 1, 2, 3, and 4 would be the same as in the 1969-71 U.S. Decennial Life Tables. Probabilities of death for each age 5 through 94 were calculated such that the five-year central death rates in the table (${}_5m_x$) would equal those in the population. The distribution of deaths among the single ages in each five-year age group from 5-9 to 80-84 was accomplished using Beer's minimized fifth-difference formula with smoother ends. The distribution of deaths among the single ages in the five-year age groups 85-89 and 90-94 was accomplished by fitting a Gompertz curve. Probabilities of death for each age 95 and over were calculated by modifying the Gompertz curve to produce a rapid decline in the ratio of succeeding probabilities of death to a minimum ratio of 1.025.

For those newly born during the year, the probability of survival was calculated as the ratio of the stationary population at age zero (L_0) to the new births (l_0). For each age 0 to 103, the probability of survival 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 104 and over, the probability of survival was calculated as the complement of a weighted average of the probabilities of death (q_x) at each age 104 and over, where the weightings were the number living (l_x) at each age 104 and over. Probabilities of survival for non-quinquennial years were found by linear interpolation.

Probabilities of survival by marital status were also calculated from life tables by marital status based on data from the period 1959-61. The life tables by marital status will be published by the Office of the Actuary in a forthcoming Actuarial Note.

2. Probabilities of Marriage and Divorce

Probabilities of marriage were calculated for each age of husband crossed with each age of wife from the central marriage rates for calendar year 1978 so as to reproduce a provisional estimate of marriages in the Social Security Area from July 1, 1979 to July 1, 1980. 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 group of husband crossed with each age group of wife from the central divorce rates for calendar year 1977 so as to reproduce a provisional estimate of divorces in the Social Security Area from July 1, 1979 to July 1, 1980. The provisional estimates of marriages and divorces were developed from data published by the National Center for Health Statistics in Monthly Vital Statistics Reports Volumes 28 and 29.

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. 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. Past and projected numbers of deaths are given in tables 17 by sex and 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 unmarried male population of the given age at the beginning of the year less one-half of all marriages to partners 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 central marriage rates to the population by marital status at the beginning of the year. Past and projected numbers of marriages are given in tables 17 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 numbers of widowings at each age and sex were calculated as the difference between the marriages dissolved by death and the previously calculated deaths to married persons. Past and projected numbers of widowings are given in tables 17 by sex and alternative.

6. Divorces

The number of marriages dissolved by divorce at each age of husband and 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. Past and projected numbers of divorces are given in tables 17 by sex and alternative.

7. Net Immigration

The assumed net immigration for each age and sex was distributed by marital status in the same proportions as existed in the unmarried population at the beginning of the year.

8. End of Year Population

The single 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. 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

Central 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. Past and projected numbers of births are given in tables 17 by sex and alternative.

D. RESULTS

1. Life Expectancies

Table 18 gives life expectancies by sex and alternative which are consistent with the projected death rates. These life expectancies are also shown in charts 2. The difference between male and female life expectancies is projected to increase from 7.7 years in 1978 to 8.2 in 2080 under alternative I, 8.9 under alternative II, and 11.6 under alternative III. The average annual increase in the difference between male and female life expectancies is projected under alternatives I, II, and III to be .005, .012, and .034, respectively, as compared to average annual increases of .063 during 1901-78 and .008 during 1968-78.

2. Total Population

Tables 19, 20, 21 give projections of the Social Security Area population by age group, sex, marital status, and alternative for selected years. The projected total population by alternative is shown graphically in chart 3. Under alternative I (with greater than replacement fertility), the total population increases ever more rapidly from 231 million in 1979 to 471 million in 2080. Under alternative II, the total population increases gradually to 365 million in 2080. Under alternative III, the total population increases to 298 million in 2032 and then decreases to 270 million in 2080 because of the accumulated effect of below-replacement fertility.

The proportion of the population which is single is projected to decrease from 43 percent in 1979 to 41 percent in 2080 under alternative I, to 37 percent under alternative II, and to 29 percent under alternative III, reflecting differences in the aging of the population among the three alternatives. The proportion married is projected to change from 46 percent in 1979 to 44, 47, and 50 percent in 2080, under alternatives I, II, and III, respectively. The proportion widowed in 2080 is projected to change from 6 percent in 1979 to 5 and 9 percent, under alternatives I, III, respectively and to remain at 6 percent under alternative II. The current high incidence of divorce, which is assumed to continue in the future, causes the proportion divorced to increase greatly from 4 percent in 1979 to 10 percent under alternative I, to 11 percent under alternative II, and to 12 percent under alternative III in 2080.

3. Aged Population

The projected population at ages 65 and over is shown in chart 4. The relative stability in the aged population around the year 2000 under alternative I is caused by the low fertility experienced during the depression years of the 1930's. Under alternatives II and III, the aged population around the year 2000 is less stable because of the effect of assumed mortality improvements which are greater than under alternative I. The high fertility of the 1950's and 1960's results in sharp steady growth in the aged population throughout the period 2010-2030. By the year 2080, the aged population as percentage of total population differs greatly among the three alternatives. Under alternative I the percentage of the total population in 2080 who are 65 or over is 15.5 percent, under alternative II is 20.8 percent, and under alternative III is 32.6 percent.

4. Demographic Indicators

The projected population is summarized by broad age group and alternative for selected years in tables 22. The broad age groups are those aged under 20 (most of whom are neither contributors to nor beneficiaries of the Social Security system), those aged 20 to 64 (who may be considered as potential contributors to the system), and those aged 65 and over (who may be considered as potential beneficiaries of the system). Tables 22 also summarize the projected total population by marital status.

The aged dependency ratio given in tables 22 is the ratio of the number of persons aged 65 and over to the number of persons aged 20 to 64. This ratio provides a good indicator of possible future demographic pressures which may be faced by Social Security, and is shown graphically in chart 5. Under alternative I, the aged dependency ratio is projected to increase from .195 in 1980 to .330 in the year 2030 and then to decrease to .286 in 2080. Under alternative II, the aged dependency ratio is projected to increase to .386 in the year 2035 and then to remain about level. Under alternative III, the aged dependency ratio is projected to increase throughout the entire projection period to .662 in the year 2080. A sharp increase in the aged dependency ratio shortly after the turn of the century is certain, as the baby-boom generation moves into retirement while the baby-bust generation moves into the work force. The magnitude of the increase, however, will depend upon future mortality improvements among the aged and future fertility rates. Even under optimistic assumptions the aged dependency ratio will increase nearly 70 percent by the year 2030. This problem has prompted much discussion about whether the normal retirement age of 65 should be increased to help offset future increases in program costs resulting from the age shifts in the population. An analysis of various ways of measuring how much the normal retirement age should be increased to keep pace with general increases in life expectancy will appear in a forthcoming actuarial note.

The total dependency ratio given in tables 22 is the ratio of the number of persons aged 65 and over together with the number of persons under 20 to the number of persons aged 20 to 64. This ratio views from a somewhat larger perspective the possible future financial burdens to be born by workers. The total dependency ratio is projected to decrease under all three alternatives until shortly after the turn of the century, reflecting both the small number of children resulting from the low fertility rates experienced since 1970 and projected to be experienced in the near future, and also the slow growth in the aged population resulting from the low fertility rates experienced during the 1930's. The existence of this extremely favorable demographic composition is often overlooked because of the attention given to the financial problems expected when the baby-boom generation begins to attain retirement age. Projected values of the aged dependency ratio in 2080 range roughly from 10 to 35 percent higher than the 1980 value.

The disunity ratio given in tables 22 is the ratio of the number of divorced persons to the number of married persons together with the number of widowed persons. This ratio provides an indicator of possible future deterioration in the institution of marriage. Assuming a continuation of the current high incidence of divorce, this ratio will more than double by the turn of the century. Chart 6 compares the distribution of the population by marital status in 1979 with the projected distribution in 2080.

TABLE 1A. JULY 1, 1979 MALE POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP AND COMPONENT (IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	I	II	III	IV	V	VI	VII	VIII	IX	X
0-4	8575	8003	295	204	6	9	3	0	35	0	20
5-9	8983	8424	265	216	6	9	3	0	36	0	24
10-14	9605	9212	113	215	5	8	2	0	28	0	23
15-19	10984	10633	134	181	4	5	2	0	10	1	14
20-24	10896	10434	301	133	5	4	1	3	1	2	13
25-29	9878	9180	562	106	5	3	1	4	0	2	15
30-34	8758	8222	415	92	4	3	1	3	0	1	17
35-39	7169	6660	395	85	3	3	1	3	0	2	17
40-44	5996	5612	276	76	3	2	1	4	0	5	18
45-49	5837	5476	257	74	2	2	1	4	0	5	16
50-54	5898	5666	144	67	2	1	1	3	0	4	11
55-59	5662	5428	157	62	1	1	0	2	0	3	7
60-64	4668	4488	118	51	1	1	0	1	0	2	6
65-69	3874	3865	-41	42	1	0	0	0	0	1	7
70-74	2803	2778	-9	28	0	0	0	0	0	0	7
75-79	1758	1678	58	18	0	0	0	0	0	0	4
80-84	1017	978	25	12	0	0	0	0	0	0	2
85+	748	720	17	10	0	0	0	0	0	0	1
0-19	38147	36272	807	817	21	31	9	0	108	1	81
20-64	64762	61166	2625	745	25	20	6	27	2	26	120
65+	10201	10019	48	108	2	1	0	0	0	1	22
TOTAL	113111	107457	3480	1671	48	51	16	27	111	27	222

NOTE: THE COMPONENTS OF THE SOCIAL SECURITY AREA ARE: I. RESIDENTS OF THE FIFTY STATES AND D.C. AND ARMED FORCES OVERSEAS
 II. ADJUSTMENT FOR NET CENSUS UNDERCOUNT
 III. CIVILIAN RESIDENTS OF PUERTO RICO
 IV. CIVILIAN RESIDENTS OF THE VIRGIN ISLANDS
 V. CIVILIAN RESIDENTS OF GUAM
 VI. CIVILIAN RESIDENTS OF AMERICAN SAMOA
 VII. FEDERAL CIVILIAN EMPLOYEES OVERSEAS
 VIII. DEPENDENTS OF FEDERAL EMPLOYEES OVERSEAS
 IX. CREWMEMBERS OF MERCHANT VESSELS
 X. OTHER U.S. CITIZENS OVERSEAS

TABLE 1B. JULY 1, 1979 FEMALE POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP AND COMPONENT (IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	I	II	III	IV	V	VI	VII	VIII	IX	X
0-4	8182	7647	267	198	6	8	3	0	34	0	19
5-9	8594	8068	240	212	6	8	3	0	34	0	23
10-14	9232	8859	101	209	5	7	2	0	27	0	22
15-19	10580	10285	66	187	4	6	2	0	16	0	14
20-24	10642	10292	127	159	5	5	1	4	33	0	15
25-29	9748	9259	307	124	5	4	1	4	26	0	19
30-34	8690	8362	172	105	4	4	1	2	23	0	18
35-39	7186	6954	93	97	3	3	1	2	17	0	16
40-44	6057	5909	31	85	2	3	1	2	10	0	15
45-49	5908	5747	58	79	2	2	1	1	6	0	12
50-54	6153	6069	2	67	2	1	0	1	2	0	9
55-59	6120	5939	110	60	1	1	0	1	1	0	7
60-64	5310	5098	151	52	1	1	0	0	1	0	7
65-59	4765	4823	-108	42	1	1	0	0	0	0	7
70-74	3871	3806	30	27	1	0	0	0	0	0	6
75-79	2802	2596	184	18	0	0	0	0	0	0	3
80-84	1939	1804	119	14	0	0	0	0	0	0	2
85+	1749	1612	121	14	0	0	0	0	0	0	1
0-19	36587	34859	674	805	21	29	9	0	111	0	78
20-64	65816	63629	1051	828	25	24	6	17	118	1	117
65+	15126	14641	345	116	2	1	0	0	1	0	20
TOTAL	117530	113129	2070	1749	49	55	16	18	229	1	215

NOTE: THE COMPONENTS OF THE SOCIAL SECURITY AREA ARE:

- I. RESIDENTS OF THE FIFTY STATES AND D.C. AND ARMED FORCES OVERSEAS
- II. ADJUSTMENT FOR NET CENSUS UNDERCOUNT
- III. CIVILIAN RESIDENTS OF PUERTO RICO
- IV. CIVILIAN RESIDENTS OF THE VIRGIN ISLANDS
- V. CIVILIAN RESIDENTS OF GUAM
- VI. CIVILIAN RESIDENTS OF AMERICAN SAMOA
- VII. FEDERAL CIVILIAN EMPLOYEES OVERSEAS
- VIII. DEPENDENTS OF FEDERAL EMPLOYEES OVERSEAS
- IX. CREWMEMBERS OF MERCHANT VESSELS
- X. OTHER U.S. CITIZENS OVERSEAS

TABLE 1C. JULY 1, 1979 TOTAL POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP AND COMPONENT (IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION											
	TOTAL	I	II	III	IV	V	VI	VII	VIII	IX	X	
0-4	16757	15650	562	403	13	17	5	0	69	0	38	
5-9	17576	16492	505	428	12	17	5	0	70	0	47	
10-14	18837	18071	214	423	10	15	4	0	54	0	45	
15-19	21564	20918	200	368	8	11	4	1	26	1	28	
20-24	21539	20726	428	292	9	9	2	7	34	2	28	
25-29	19627	18439	869	230	10	7	2	8	26	2	34	
30-34	17449	16584	587	197	8	7	2	5	23	2	35	
35-39	14355	13614	488	182	6	6	1	5	17	2	34	
40-44	12053	11521	307	161	5	5	1	5	10	5	33	
45-49	11745	11223	315	153	4	4	1	5	6	5	28	
50-54	12051	11735	146	133	3	3	1	4	3	4	19	
55-59	11782	11367	267	122	3	2	1	2	1	3	14	
60-64	9979	9586	269	103	2	1	0	1	1	2	13	
65-59	8640	8688	-150	84	1	1	0	0	0	1	15	
70-74	6674	6584	20	55	1	1	0	0	0	0	13	
75-79	4560	4274	242	36	1	0	0	0	0	0	7	
80-84	2956	2782	144	25	0	0	0	0	0	0	4	
85+	2497	2332	138	24	0	0	0	0	0	0	3	
0-19	74734	71131	1481	1622	43	60	19	1	219	1	158	
20-64	130579	124795	3676	1573	51	44	12	44	120	27	237	
65+	25328	24660	393	224	4	2	1	1	1	1	42	
TOTAL	230640	220586	5550	3420	97	106	31	45	340	28	437	

NOTE: THE COMPONENTS OF THE SOCIAL SECURITY AREA ARE:

- I. RESIDENTS OF THE FIFTY STATES AND D.C. AND ARMED FORCES OVERSEAS
- II. ADJUSTMENT FOR NET CENSUS UNDERCOUNT
- III. CIVILIAN RESIDENTS OF PUERTO RICO
- IV. CIVILIAN RESIDENTS OF THE VIRGIN ISLANDS
- V. CIVILIAN RESIDENTS OF GUAM
- VI. CIVILIAN RESIDENTS OF AMERICAN SAMOA
- VII. FEDERAL CIVILIAN EMPLOYEES OVERSEAS
- VIII. DEPENDENTS OF FEDERAL EMPLOYEES OVERSEAS
- IX. CREWMEMBERS OF MERCHANT VESSELS
- X. OTHER U.S. CITIZENS OVERSEAS

TABLE 2. JULY 1, 1979 POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS (IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	16757	8575	8575	0	0	0	8182	8182	0	0	0
5-9	17576	8983	8983	0	0	0	8594	8594	0	0	0
10-14	18837	9605	9602	3	0	0	9232	9224	7	0	0
15-19	21564	10984	10608	365	0	12	10580	9548	978	2	52
20-24	21539	10896	7456	3233	3	205	10642	5513	4757	17	356
25-29	19627	9878	3347	5984	16	531	9748	2158	6812	44	734
30-34	17449	8758	1493	6603	18	644	8690	913	6851	73	854
35-39	14355	7169	702	5914	16	537	7186	487	5866	118	715
40-44	12053	5996	535	4972	39	450	6057	317	4907	184	648
45-49	11745	5837	469	4889	87	392	5908	274	4736	356	542
50-54	12051	5898	418	4988	139	353	6153	275	4757	641	480
55-59	11782	5662	351	4818	184	308	6120	280	4438	977	425
60-64	9979	4668	271	3925	244	229	5310	264	3444	1289	313
65-69	8640	3874	229	3153	322	170	4765	270	2583	1692	221
70-74	6674	2803	161	2163	376	104	3871	234	1641	1858	138
75-79	4560	1758	93	1249	367	49	2802	172	810	1747	74
80-84	2956	1017	51	629	314	23	1939	120	387	1390	42
85-89	1749	541	27	267	235	12	1207	75	192	915	26
90-94	597	168	8	62	94	4	429	26	51	342	9
95+	152	39	2	8	28	1	113	7	8	95	2
0-19	74734	38147	37767	368	0	12	36587	35548	985	2	52
20-64	130579	64762	15042	45325	746	3649	65816	10481	46568	3699	5068
65+	25328	10201	571	7532	1735	364	15126	904	5671	8039	512
TOTAL	230640	113111	53380	53224	2481	4025	117530	46933	53224	11740	5633

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 3. JULY 1, 1979 EXISTING MARRIAGES IN THE SOCIAL SECURITY AREA, BY AGE GROUP OF HUSBAND AND AGE GROUP OF WIFE

AGE GROUP OF HUSBAND	AGE GROUP OF WIFE								
	14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54
14	49	1872	379	29	47	89	92	78	61
15-19	1869	224923	64278	5016	8337	13045	14508	12657	9467
20-24	4185	604203	2289771	243098	30829	13906	14730	11773	7248
25-29	674	100608	1981119	3359939	399801	79102	27950	11750	5335
30-34	112	15747	314667	2574378	3159495	418118	78023	19842	7563
35-39	66	8609	62180	454314	2476330	2485079	321344	64432	19743
40-44	43	5214	19350	102940	543897	2050841	1826007	301142	73165
45-49	36	4554	11125	41059	147645	563558	1823747	1779156	372644
50-54	35	4244	6172	16130	50560	159133	563411	1763047	1844996
55-59	33	3782	3457	7509	18821	54783	164599	563494	1718158
60-64	17	1747	1595	2981	6869	8829	46028	140392	501507
65-69	9	828	713	2045	3481	9150	16851	46886	142084
70-74	5	444	482	751	1475	5855	5479	13173	38614
75-79	5	399	433	492	621	2098	1831	3798	10181
80-84	9	547	537	897	1365	1181	1241	2012	3386
85-89	5	390	435	714	1053	869	940	1520	2473
90-94	0	97	104	166	237	195	212	347	566
95+	0	11	10	18	33	25	29	47	81

AGE GROUP OF HUSBAND	AGE GROUP OF WIFE								
	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95+
14	32	11	7	5	6	14	8	5	0
15-19	4949	1794	1071	862	524	872	424	109	17
20-24	3852	2970	1690	903	428	1932	853	190	27
25-29	4701	3229	2329	1087	509	3613	1603	378	52
30-34	4182	2134	2331	1260	441	2946	1317	306	41
35-39	8394	3620	2468	1747	620	3138	1396	321	45
40-44	23987	7787	4056	1764	1462	6493	2900	676	97
45-49	96931	25887	9666	3618	1283	5281	2354	547	83
50-54	436933	96613	29717	7863	2272	4224	1872	440	66
55-59	1773572	387403	89559	20756	4899	4861	2142	501	78
60-64	1445729	1363285	318713	63005	12987	6929	3063	727	108
65-69	475075	1117628	1048956	233794	38325	11122	4955	1180	171
70-74	114781	321620	785797	702393	133045	24728	11325	2754	411
75-79	30243	78647	215361	450212	351236	64283	30741	7702	1172
80-84	7607	17112	40302	90791	166481	175946	91453	24623	3867
85-89	5312	11539	24479	48620	75814	56300	27647	7564	1170
90-94	1209	2620	5516	10906	17224	12763	6893	2265	408
95+	165	366	764	1502	2354	1635	904	360	88

NOTE: THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 4. PAST AND ASSUMED TOTAL FERTILITY RATES, BY ALTERNATIVE (PER THOUSAND WOMEN)

CALENDAR YEAR	TOTAL FERTILITY RATE	CALENDAR YEAR	TOTAL FERTILITY RATE	TOTAL FERTILITY RATE			
				ALT. I	ALT. II	ALT. III	
1917	3334.1						
1918	3314.5						
1919	3068.8			1979	1812.4	1812.4	1812.4
1920	3264.6	1950	3031.2	1980	1845.0	1845.0	1845.0
1921	3328.3	1951	3202.9	1981	1867.2	1855.2	1839.2
1922	3111.8	1952	3289.5	1982	1889.4	1865.4	1833.4
1923	3101.9	1953	3352.7	1983	1911.6	1875.6	1827.6
1924	3123.1	1954	3465.0	1984	1933.8	1885.8	1821.8
1925	3012.9	1955	3502.3	1985	1956.0	1896.0	1816.0
1926	2905.1	1956	3608.7	1986	1978.2	1906.2	1810.2
1927	2825.9	1957	3685.1	1987	2000.4	1916.4	1804.4
1928	2661.2	1958	3632.2	1988	2022.6	1926.6	1798.6
1929	2533.6	1959	3641.1	1989	2044.8	1936.8	1792.8
1930	2534.9	1960	3608.4	1990	2067.0	1947.0	1787.0
1931	2403.1	1961	3567.1	1991	2089.2	1957.2	1781.2
1932	2319.7	1962	3425.2	1992	2111.4	1967.4	1775.4
1933	2174.2	1963	3301.5	1993	2133.6	1977.6	1769.6
1934	2233.5	1964	3173.9	1994	2155.8	1987.8	1763.8
1935	2190.0	1965	2884.7	1995	2178.0	1998.0	1758.0
1936	2147.0	1966	2675.3	1996	2200.2	2008.2	1752.2
1937	2175.1	1967	2528.0	1997	2222.4	2018.4	1746.4
1938	2224.4	1968	2433.8	1998	2244.6	2028.6	1740.6
1939	2174.1	1969	2422.9	1999	2266.8	2038.8	1734.8
1940	2231.8	1970	2431.7	2000	2289.0	2049.0	1729.0
1941	2332.8	1971	2245.4	2001	2311.2	2059.2	1723.2
1942	2556.3	1972	1993.6	2002	2333.4	2069.4	1717.4
1943	2643.8	1973	1862.5	2003	2355.6	2079.6	1711.6
1944	2496.7	1974	1824.4	2004	2377.8	2089.8	1705.8
1945	2423.7	1975	1770.3	2005+	2400.0	2100.0	1700.0
1946	2860.8	1976	1744.8				
1947	3184.6	1977	1795.0				
1948	3029.8	1978	1764.4				
1949	3039.8						

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 5A. CALENDAR YEAR 1978 AND ALTERNATIVE I CENTRAL BIRTH RATES, BY AGE
(PER THOUSAND WOMEN)

AGE	CENTRAL BIRTH RATE						
	1978	1980	1985	1990	1995	2000	2005+
14	6.3	6.2	6.4	6.7	7.1	7.5	7.8
15	17.2	16.9	17.4	18.3	19.3	20.3	21.3
16	32.7	32.1	33.0	34.8	36.7	38.6	40.4
17	52.4	51.8	53.3	56.3	59.3	62.3	65.4
18	72.2	72.2	74.7	79.0	83.2	87.4	91.7
19	88.0	89.0	92.7	98.0	103.3	108.5	113.8
20	99.9	102.4	107.4	113.5	119.6	125.7	131.8
21	107.4	111.0	117.0	123.6	130.3	136.9	143.5
22	113.3	117.5	124.1	131.1	138.2	145.2	152.3
23	117.1	121.5	128.3	135.6	142.9	150.1	157.4
24	118.9	123.4	130.4	137.8	145.2	152.6	160.0
25	118.7	124.0	131.4	138.8	146.3	153.7	161.2
26	115.7	121.5	129.1	136.4	143.7	151.0	158.4
27	110.2	117.0	125.0	132.1	139.2	146.3	153.4
28	102.1	109.9	118.2	124.9	131.6	138.3	145.0
29	91.7	100.2	108.5	114.6	120.8	126.9	133.1
30	80.0	88.6	96.5	102.0	107.5	113.0	118.5
31	67.7	75.1	81.8	86.5	91.1	95.8	100.4
32	55.9	61.7	67.1	70.9	74.7	78.5	82.3
33	45.1	48.9	52.7	55.7	58.7	61.7	64.7
34	36.0	38.4	41.1	43.4	45.8	48.1	50.4
35	28.8	29.6	31.1	32.8	34.6	36.4	38.1
36	22.8	22.8	23.7	25.0	26.4	27.7	29.1
37	18.0	18.0	18.6	19.7	20.7	21.8	22.9
38	14.0	13.9	14.4	15.2	16.1	16.9	17.7
39	10.7	10.6	10.9	11.5	12.1	12.8	13.4
40	7.8	7.7	7.8	8.3	8.7	9.2	9.6
41	5.4	5.3	5.4	5.7	6.0	6.3	6.7
42	3.7	3.6	3.6	3.8	4.0	4.3	4.5
43	2.3	2.2	2.2	2.3	2.5	2.6	2.7
44	1.3	1.3	1.3	1.3	1.4	1.5	1.6
45	.8	.7	.7	.7	.8	.8	.8
46	.2	.2	.2	.2	.2	.2	.2
47	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0
49	.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 (ADJUSTED FOR UNDERREGISTRATION) TO THE TOTAL MID-YEAR FEMALE POPULATION AT THAT AGE (ADJUSTED FOR UNDERENUMERATION).

TABLE 5B. CALENDAR YEAR 1978 AND ALTERNATIVE II CENTRAL BIRTH RATES, BY AGE
(PER THOUSAND WOMEN)

AGE	CENTRAL BIRTH RATE						
	1978	1980	1985	1990	1995	2000	2005+
14	6.3	6.2	6.2	6.4	6.5	6.7	6.8
15	17.2	16.9	16.8	17.3	17.7	18.2	18.6
16	32.7	32.1	32.0	32.8	33.7	34.5	35.4
17	52.4	51.8	51.6	53.0	54.4	55.8	57.2
18	72.2	72.2	72.4	74.4	76.3	78.3	80.2
19	88.0	89.0	89.9	92.3	94.7	97.1	99.6
20	99.9	102.4	104.1	106.9	109.7	112.5	115.3
21	107.4	111.0	113.4	116.5	119.5	122.6	125.6
22	113.3	117.5	120.3	123.5	126.8	130.0	133.2
23	117.1	121.5	124.4	127.7	131.1	134.4	137.8
24	118.9	123.4	126.4	129.8	133.2	136.6	140.0
25	118.7	124.0	127.3	130.8	134.2	137.6	141.0
26	115.7	121.5	125.1	128.5	131.8	135.2	138.6
27	110.2	117.0	121.2	124.4	127.7	130.9	134.2
28	102.1	109.9	114.6	117.7	120.8	123.8	126.9
29	91.7	100.2	105.2	108.0	110.8	113.6	116.5
30	80.0	88.6	93.6	96.1	98.6	101.1	103.6
31	67.7	75.1	79.3	81.5	83.6	85.7	87.9
32	55.9	61.7	65.0	66.8	68.5	70.3	72.0
33	45.1	48.9	51.1	52.5	53.8	55.2	56.6
34	36.0	38.4	39.8	40.9	42.0	43.0	44.1
35	28.8	29.6	30.1	30.9	31.7	32.5	33.4
36	22.8	22.8	23.0	23.6	24.2	24.8	25.4
37	18.0	18.0	18.1	18.5	19.0	19.5	20.0
38	14.0	13.9	14.0	14.4	14.7	15.1	15.5
39	10.7	10.6	10.6	10.8	11.1	11.4	11.7
40	7.8	7.7	7.6	7.8	8.0	8.2	8.4
41	5.4	5.3	5.3	5.4	5.5	5.7	5.8
42	3.7	3.6	3.5	3.6	3.7	3.8	3.9
43	2.3	2.2	2.1	2.2	2.3	2.3	2.4
44	1.3	1.3	1.2	1.3	1.3	1.3	1.4
45	.8	.7	.7	.7	.7	.7	.7
46	.2	.2	.1	.2	.2	.2	.2
47	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0
49	.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 (ADJUSTED FOR UNDERREGISTRATION) TO THE TOTAL MID-YEAR FEMALE POPULATION AT THAT AGE (ADJUSTED FOR UNDERENUMERATION).

TABLE 5C. CALENDAR YEAR 1978 AND ALTERNATIVE III CENTRAL BIRTH RATES, BY AGE
(PER THOUSAND WOMEN)

AGE	CENTRAL BIRTH RATE						
	1978	1980	1985	1990	1995	2000	2005+
14	6.3	6.2	5.9	5.8	5.7	5.6	5.5
15	17.2	16.9	16.1	15.9	15.6	15.3	15.1
16	32.7	32.1	30.6	30.1	29.6	29.1	28.6
17	52.4	51.8	49.5	48.7	47.9	47.1	46.3
18	72.2	72.2	69.4	68.3	67.2	66.0	64.9
19	88.0	89.0	86.1	84.7	83.3	82.0	80.6
20	99.9	102.4	99.7	98.1	96.5	94.9	93.3
21	107.4	111.0	108.6	106.9	105.1	103.4	101.7
22	113.3	117.5	115.2	113.4	111.5	109.7	107.8
23	117.1	121.5	119.1	117.2	115.3	113.4	111.5
24	118.9	123.4	121.0	119.1	117.2	115.2	113.3
25	118.7	124.0	122.0	120.0	118.1	116.1	114.2
26	115.7	121.5	119.8	117.9	116.0	114.1	112.2
27	110.2	117.0	116.1	114.2	112.4	110.5	108.6
28	102.1	109.9	109.8	108.0	106.2	104.5	102.7
29	91.7	100.2	100.7	99.1	97.5	95.9	94.3
30	80.0	88.6	89.6	88.2	86.8	85.3	83.9
31	67.7	75.1	76.0	74.8	73.6	72.3	71.1
32	55.9	61.7	62.3	61.3	60.3	59.3	58.3
33	45.1	48.9	48.9	48.1	47.4	46.6	45.8
34	36.0	38.4	38.1	37.5	36.9	36.3	35.7
35	28.8	29.6	28.8	28.4	27.9	27.5	27.0
36	22.8	22.8	22.0	21.6	21.3	20.9	20.6
37	18.0	18.0	17.3	17.0	16.7	16.5	16.2
38	14.0	13.9	13.4	13.2	13.0	12.7	12.5
39	10.7	10.6	10.1	10.0	9.8	9.6	9.5
40	7.8	7.7	7.3	7.2	7.1	6.9	6.8
41	5.4	5.3	5.0	5.0	4.9	4.8	4.7
42	3.7	3.6	3.4	3.3	3.3	3.2	3.2
43	2.3	2.2	2.1	2.0	2.0	2.0	1.9
44	1.3	1.3	1.2	1.2	1.1	1.1	1.1
45	.8	.7	.6	.6	.6	.6	.6
46	.2	.2	.1	.1	.1	.1	.1
47	.1	.1	.1	.1	.1	.1	.1
48	.0	.0	.0	.0	.0	.0	.0
49	.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 (ADJUSTED FOR UNDERREGISTRATION) TO THE TOTAL MID-YEAR FEMALE POPULATION AT THAT AGE (ADJUSTED FOR UNDERENUMERATION).

TABLE 6. PAST AND ASSUMED COMPLETED COHORT FERTILITY RATES, BY ALTERNATIVE (PER THOUSAND WOMEN)

COMPLETED COHORT FERTILITY RATE	COHORT BORN	COMPLETED COHORT FERTILITY RATE			COHORT BORN	COMPLETED COHORT FERTILITY RATE			
		ALT. I	ALT. II	ALT. III		ALT. I	ALT. II	ALT. III	
		1930	3203.5	3203.5	3203.5	1960	2000.6	1924.8	1823.8
		1931	3186.5	3186.5	3186.5	1961	2016.3	1929.9	1814.7
		1932	3218.9	3218.9	3218.9	1962	2032.1	1934.7	1804.8
1903	2451.8	1933	3248.0	3248.0	3248.0	1963	2050.0	1941.1	1795.9
1904	2404.9	1934	3207.5	3207.5	3207.5	1964	2069.5	1948.9	1788.2
1905	2365.3	1935	3176.5	3176.5	3176.5	1965	2090.4	1958.0	1781.5
1906	2310.8	1936	3125.5	3125.5	3125.4	1966	2111.9	1967.7	1775.4
1907	2285.3	1937	3031.1	3031.1	3031.0	1967	2133.5	1977.6	1769.6
1908	2293.2	1938	2969.1	2969.0	2968.9	1968	2155.1	1987.5	1764.0
1909	2238.0	1939	2877.6	2877.5	2877.3	1969	2176.4	1997.3	1758.4
1910	2292.2	1940	2799.8	2799.5	2799.2	1970	2197.4	2006.9	1752.9
1911	2297.0	1941	2691.5	2691.1	2690.6	1971	2218.0	2016.4	1747.5
1912	2303.0	1942	2561.7	2561.1	2560.2	1972	2238.1	2025.6	1742.3
1913	2340.1	1943	2464.0	2463.0	2461.7	1973	2257.5	2034.5	1737.2
1914	2392.7	1944	2366.2	2364.8	2362.8	1974	2276.0	2043.0	1732.4
1915	2437.6	1945	2282.9	2280.8	2278.0	1975	2293.6	2051.1	1727.8
1916	2476.3	1946	2209.7	2206.7	2202.8	1976	2309.9	2058.6	1723.5
1917	2493.7	1947	2148.5	2144.4	2138.9	1977	2325.0	2065.6	1719.6
1918	2572.7	1948	2090.8	2085.1	2077.6	1978	2338.7	2071.8	1716.0
1919	2589.7	1949	2042.8	2035.2	2025.0	1979	2351.0	2077.5	1712.8
1920	2759.0	1950	1999.8	1989.6	1976.1	1980	2361.8	2082.4	1710.0
1921	2764.2	1951	1968.2	1954.9	1937.2	1981	2371.1	2086.7	1707.6
1922	2774.6	1952	1946.8	1929.7	1906.8	1982	2378.9	2090.3	1705.5
1923	2849.1	1953	1937.7	1916.0	1887.0	1983	2385.3	2093.2	1703.8
1924	2923.1	1954	1938.8	1911.7	1875.6	1984	2390.3	2095.6	1702.5
1925	2976.5	1955	1944.6	1911.3	1866.9	1985	2394.1	2097.3	1701.5
1926	3004.6	1956	1951.7	1911.5	1857.8	1986	2396.7	2098.5	1700.9
1927	3045.1	1957	1961.2	1913.2	1849.2	1987	2398.4	2099.3	1700.4
1928	3082.1	1958	1971.9	1915.3	1839.9	1988	2399.3	2099.7	1700.2
1929	3088.9	1959	1985.6	1919.8	1832.0	1989	2399.8	2099.9	1700.1
						1990	2400.0	2100.0	1700.0
						1991+	2400.0	2100.0	1700.0

NOTE: THE COMPLETED COHORT FERTILITY RATE IS THE AVERAGE NUMBER OF CHILDREN THAT WOULD BE BORN TO A WOMAN BORN BETWEEN JULY 1 OF THE TABULATED YEAR AND JULY 1 OF THE PRECEDING YEAR IF SHE WERE TO SURVIVE THE CHILDBEARING PERIOD. FIGURES ARE ADJUSTED FOR UNDERREGISTRATION OF BIRTHS AND UNDERENUMERATION OF POPULATION.

TABLE 7A. CALENDAR YEAR 1978 CENTRAL DEATH RATES FOR MALES, BY AGE GROUP AND CAUSE OF DEATH (PER HUNDRED THOUSAND)

AGE GROUP	CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	28.4	3.8	9.4	49.9	74.3	1047.2	29.5	.2	.8	348.1
1-4	2.2	5.5	1.4	37.6	5.4	9.3	1.2	.1	.1	15.5
5-9	.8	5.1	.7	22.7	1.6	2.1	.4	.0	.1	5.3
10-14	1.2	4.5	.9	28.3	1.5	1.7	.6	.1	.1	4.9
15-19	2.5	6.6	1.4	119.8	2.3	2.0	.7	.2	.1	9.6
20-24	4.0	8.7	2.7	169.2	3.0	1.5	1.3	.5	.6	11.5
25-29	7.1	11.4	4.3	143.7	3.8	1.6	2.2	1.3	2.8	14.1
30-34	16.7	17.1	5.9	118.0	4.7	1.2	3.4	2.6	7.0	16.4
35-39	45.0	30.2	11.8	112.2	6.9	1.1	5.4	3.7	14.9	22.7
40-44	105.9	62.2	22.5	107.2	12.1	1.6	8.4	5.2	25.3	32.3
45-49	214.3	130.8	35.5	102.0	20.7	1.6	14.2	7.8	37.2	44.4
50-54	380.0	252.2	59.8	104.9	39.7	1.9	19.6	13.3	49.1	62.0
55-59	614.2	403.1	102.2	103.8	74.1	2.3	27.9	21.2	56.3	85.0
60-64	1006.2	666.4	194.0	117.9	150.0	2.3	44.9	34.6	67.8	127.4
65-69	1439.3	920.7	337.9	119.6	263.3	2.7	59.1	52.5	67.7	176.5
70-74	2217.8	1297.6	632.2	146.7	447.1	2.4	91.0	81.2	58.1	267.5
75-79	3451.1	1720.9	1179.5	207.4	747.2	3.7	144.0	124.9	52.8	434.4
80-84	5091.5	2064.9	1962.0	278.3	1121.6	4.5	223.6	158.8	39.0	653.0
85+	7990.6	2137.2	3436.9	416.1	1695.6	5.1	316.4	199.4	29.7	1031.8
AGE-ADJ.	406.1	216.9	119.3	102.1	77.3	20.4	19.1	14.1	19.0	66.7

NOTES: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.
 THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CAUSE OF DEATH.
 THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398, 402, 404, 410-429)
 II. MALIGNANT NEOPLASMS (140-209)
 III. VASCULAR DISEASES (400-401, 403, 430-458, 582-584)
 IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)
 V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)
 VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)
 VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570, 572-577)
 VIII. DIABETES MELLITUS (250)
 IX. CIRRHOSIS OF THE LIVER (571)
 X. ALL OTHER CAUSES

TABLE 7B. CALENDAR YEAR 1978 CENTRAL DEATH RATES FOR FEMALES, BY AGE GROUP AND CAUSE OF DEATH (PER HUNDRED THOUSAND)

AGE GROUP	CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	24.1	4.4	7.6	44.1	60.9	845.7	20.4	.3	.9	261.3
1-4	2.4	4.3	.9	26.8	4.6	8.0	.8	.1	.2	11.9
5-9	.9	4.1	.7	13.1	1.3	2.0	.4	.1	.0	5.1
10-14	1.1	3.2	.6	12.1	1.2	1.5	.3	.1	.0	4.3
15-19	1.6	4.3	1.5	37.4	1.7	1.6	.5	.2	.1	6.4
20-24	2.6	5.4	2.5	41.9	2.1	1.2	.9	.6	.4	8.8
25-29	3.8	9.9	3.9	35.9	2.6	1.0	1.2	1.2	1.4	11.5
30-34	6.5	19.3	5.9	32.2	3.2	1.2	2.2	1.7	3.2	12.4
35-39	13.5	35.5	11.2	32.6	4.6	1.1	3.7	2.5	6.8	16.4
40-44	30.5	75.0	18.2	36.3	8.1	1.1	5.7	4.0	12.2	22.5
45-49	60.6	135.3	29.1	36.4	13.7	1.5	8.6	6.5	18.8	30.9
50-54	108.6	216.8	48.0	36.7	21.6	1.6	12.1	10.7	24.6	39.7
55-59	199.2	310.3	71.2	39.1	37.6	1.8	16.5	19.8	25.4	53.5
60-64	374.0	439.3	123.0	41.6	62.4	2.3	24.8	34.6	29.7	81.2
65-69	606.3	520.9	204.5	46.2	87.6	2.8	34.7	50.6	25.3	106.4
70-74	1104.5	676.7	412.3	60.4	144.1	1.9	57.5	82.6	23.6	161.2
75-79	2084.1	891.8	864.2	93.1	248.2	3.0	105.5	130.7	22.8	269.8
80-84	3498.3	1054.7	1632.0	143.3	404.1	2.8	169.5	178.6	17.6	408.4
85+	6673.5	1139.3	3315.7	251.1	889.3	2.8	289.8	217.5	12.7	749.5
AGE-ADJ.	216.0	136.8	92.3	36.3	31.9	16.6	13.1	14.0	8.6	44.3

NOTES: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.
 THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CAUSE OF DEATH.
 THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398,402,404,410-429)
 II. MALIGNANT NEOPLASMS (140-209)
 III. VASCULAR DISEASES (400-401,403,430-458,582-584)
 IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)
 V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)
 VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)
 VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570,572-577)
 VIII. DIABETES MELLITUS (250)
 IX. CIRRHOSIS OF THE LIVER (571)
 X. ALL OTHER CAUSES

TABLE 8A. GRADUATED AVERAGE ANNUAL PERCENTAGE IMPROVEMENTS IN CENTRAL DEATH RATES FOR MALES DURING 1968-1978, BY AGE GROUP AND CAUSE OF DEATH

AGE GROUP	AVERAGE ANNUAL PERCENTAGE IMPROVEMENT IN CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	-9.1	2.0	-9	6.1	14.1	5.6	2.4	7.1	1.4	-4.3
1-4	-1.1	4.5	4.0	1.5	8.4	1.9	5.3	8.6	.8	2.8
5-9	.0	4.0	4.7	1.1	8.4	2.4	5.2	7.9	1.0	2.2
10-14	1.0	3.6	5.1	.8	8.3	2.9	5.1	7.1	1.1	1.8
15-19	1.8	3.1	5.5	.6	8.1	3.2	5.0	6.5	1.2	1.5
20-24	2.4	2.7	5.8	.6	7.9	3.5	4.9	5.9	1.3	1.3
25-29	2.9	2.2	5.9	.7	7.6	3.8	4.8	5.3	1.3	1.3
30-34	3.2	1.8	5.9	1.0	7.1	3.9	4.7	4.9	1.3	1.4
35-39	3.3	1.3	5.8	1.3	6.6	4.0	4.7	4.4	1.3	1.6
40-44	3.4	.9	5.6	1.7	6.0	4.1	4.6	4.1	1.2	1.8
45-49	3.3	.5	5.3	2.1	5.3	4.1	4.5	3.8	1.1	2.0
50-54	3.1	.1	4.9	2.4	4.4	4.0	4.5	3.5	.9	2.0
55-59	2.9	-.3	4.5	2.7	3.5	3.8	4.4	3.3	.7	1.9
60-64	2.6	-.6	4.1	2.9	2.6	3.6	4.3	3.1	.4	1.7
65-69	2.3	-1.0	3.7	3.0	1.6	3.4	4.1	2.9	.2	1.4
70-74	2.1	-1.3	3.3	3.1	.7	3.1	3.9	2.8	-.1	1.0
75-79	1.9	-1.5	3.2	3.1	.0	2.8	3.7	2.7	-.4	.7
80-84	1.9	-1.6	3.3	3.1	-.6	2.4	3.4	2.6	-.6	.4
85+	2.1	-1.6	3.7	3.0	-1.0	2.0	3.0	2.6	-.9	.3
AGE-ADJ.	2.3	-.8	3.7	1.8	1.6	5.4	3.9	3.0	.6	1.0

NOTES: THE GRADUATED AVERAGE ANNUAL IMPROVEMENT IS CALCULATED FROM THE CENTRAL DEATH RATES BY APPLYING THE METHOD OF LEAST SQUARES TO SEMI-LOGARITHMIC PLOTS AND THEN APPLYING A WHITTAKER-HENDERSON TYPE B FORMULA TO SMOOTH FLUCTUATIONS BY AGE.

THE AGE-ADJUSTED AVERAGE ANNUAL IMPROVEMENT IS CALCULATED FROM THE AGE-ADJUSTED DEATH RATES BY APPLYING THE METHOD OF LEAST SQUARES TO SEMI-LOGARITHMIC PLOTS.

THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398,402,404,410-429)

II. MALIGNANT NEOPLASMS (140-209)

III. VASCULAR DISEASES (400-401,403,430-458,582-584)

IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)

V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)

VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)

VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570,572-577)

VIII. DIABETES MELLITUS (250)

IX. CIRRHOSIS OF THE LIVER (571)

X. ALL OTHER CAUSES

TABLE 8B. GRADUATED AVERAGE ANNUAL PERCENTAGE IMPROVEMENTS IN CENTRAL DEATH RATES FOR FEMALES DURING 1968-1978, BY AGE GROUP AND CAUSE OF DEATH

AGE GROUP	AVERAGE ANNUAL PERCENTAGE IMPROVEMENT IN CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	-7.9	3.6	-1.9	6.0	13.8	4.9	2.6	5.9	1.1	-4.0
1-4	.0	4.9	6.2	1.1	10.5	1.8	7.9	4.9	15.2	3.1
5-9	1.0	4.5	6.2	.7	10.1	2.3	7.5	5.0	13.3	3.4
10-14	1.9	4.2	6.2	.4	9.5	2.7	7.1	5.0	11.4	3.7
15-19	2.6	3.8	6.1	.3	8.8	3.1	6.7	5.0	9.7	3.9
20-24	3.1	3.3	6.0	.3	8.1	3.4	6.3	5.1	8.1	4.1
25-29	3.5	2.9	5.8	.4	7.2	3.6	5.9	5.1	6.6	4.2
30-34	3.7	2.4	5.6	.7	6.3	3.8	5.6	5.1	5.2	4.2
35-39	3.8	1.8	5.4	1.0	5.2	3.9	5.2	5.1	4.0	4.1
40-44	3.8	1.2	5.1	1.3	4.2	3.9	4.9	5.1	2.9	3.8
45-49	3.7	.6	4.9	1.7	3.1	3.9	4.6	5.0	2.0	3.3
50-54	3.6	.1	4.6	2.0	2.1	3.8	4.4	5.0	1.1	2.6
55-59	3.4	-.4	4.5	2.4	1.2	3.7	4.1	4.9	.5	1.8
60-64	3.2	-.8	4.3	2.8	.5	3.4	3.9	4.7	.0	.8
65-69	3.0	-1.0	4.2	3.3	.1	3.2	3.7	4.4	-.4	-.2
70-74	2.8	-1.0	4.1	3.8	.0	2.8	3.5	4.1	-.5	-1.2
75-79	2.6	-.8	4.1	4.5	.3	2.4	3.2	3.6	-.4	-1.7
80-84	2.6	-.4	4.1	5.2	1.0	2.0	3.0	3.1	-.2	-1.6
85+	2.7	.3	4.2	6.1	2.2	1.5	2.7	2.4	.3	-.7
AGE-ADJ.	2.8	-.3	4.2	2.2	2.5	4.7	3.6	4.0	1.3	.2

NOTES: THE GRADUATED AVERAGE ANNUAL IMPROVEMENT IS CALCULATED FROM THE CENTRAL DEATH RATES BY APPLYING THE METHOD OF LEAST SQUARES TO SEMI-LOGARITHMIC PLOTS AND THEN APPLYING A WHITTAKER-HENDERSON TYPE B FORMULA TO SMOOTH FLUCTUATIONS BY AGE.

THE AGE-ADJUSTED AVERAGE ANNUAL IMPROVEMENT IS CALCULATED FROM THE AGE-ADJUSTED DEATH RATES BY APPLYING THE METHOD OF LEAST SQUARES TO SEMI-LOGARITHMIC PLOTS.

THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398, 402, 404, 410-429)

II. MALIGNANT NEOPLASMS (140-209)

III. VASCULAR DISEASES (400-401, 403, 430-458, 582-584)

IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)

V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)

VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)

VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570, 572-577)

VIII. DIABETES MELLITUS (250)

IX. CIRRHOSIS OF THE LIVER (571)

X. ALL OTHER CAUSES

TABLE 9A. ALTERNATIVE II CALENDAR YEAR 2080 CENTRAL DEATH RATES FOR MALES, BY AGE GROUP AND CAUSE OF DEATH
(PER HUNDRED THOUSAND)

AGE GROUP	CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	51.5	2.4	5.5	21.7	14.9	196.3	12.2	.1	.7	492.3
1-4	1.4	2.1	.3	26.2	1.8	2.6	.3	.0	.1	7.0
5-9	.5	2.6	.2	20.6	.7	.7	.1	.0	.1	3.2
10-14	.7	2.5	.2	26.7	.6	.5	.2	.0	.1	3.1
15-19	1.2	3.6	.3	112.1	1.0	.5	.2	.1	.1	6.1
20-24	1.7	5.1	.6	158.6	1.3	.4	.4	.2	.6	7.5
25-29	2.9	7.2	1.0	135.8	1.8	.4	.7	.5	2.6	9.7
30-34	6.6	11.7	1.4	108.0	2.3	.3	1.1	1.2	6.7	11.0
35-39	15.9	20.2	2.6	89.9	3.3	.3	1.6	1.6	13.1	13.4
40-44	37.5	44.6	5.0	81.5	6.3	.4	2.6	2.4	22.5	18.5
45-49	76.1	100.5	8.1	72.5	11.5	.4	4.3	3.7	33.4	24.7
50-54	137.5	208.3	14.3	70.8	24.5	.4	5.9	6.6	44.9	34.3
55-59	234.2	359.7	26.3	68.7	52.5	.5	8.7	11.0	54.3	48.5
60-64	392.0	618.7	51.9	75.0	118.4	.6	14.0	18.0	67.2	73.9
65-69	580.1	890.8	94.6	74.3	236.4	.7	18.6	27.7	69.9	106.6
70-74	917.3	1297.2	182.5	89.8	450.5	.6	29.0	43.1	62.5	169.0
75-79	1506.0	1821.9	363.0	130.6	878.9	1.0	48.7	68.9	61.1	290.1
80-84	2183.1	2184.9	574.3	171.6	1453.3	1.3	77.8	86.7	46.0	461.7
85+	3238.9	2185.1	928.1	249.3	2238.4	1.4	112.1	107.1	34.7	720.7
AGE-ADJ.	165.8	207.7	33.6	81.0	80.2	4.0	6.3	7.4	18.6	46.7

NOTES: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.
 THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CAUSE OF DEATH.
 THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398,402,404,410-429)
 II. MALIGNANT NEOPLASMS (140-209)
 III. VASCULAR DISEASES (400-401,403,430-458,582-584)
 IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)
 V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)
 VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)
 VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570,572-577)
 VIII. DIABETES MELLITUS (250)
 IX. CIRRHOSIS OF THE LIVER (571)
 X. ALL OTHER CAUSES

TABLE 9B. ALTERNATIVE II CALENDAR YEAR 2080 CENTRAL DEATH RATES FOR FEMALES, BY AGE GROUP AND CAUSE OF DEATH (PER HUNDRED THOUSAND)

AGE GROUP	CENTRAL DEATH RATE									
	I	II	III	IV	V	VI	VII	VIII	IX	X
0	37.0	1.9	4.9	20.2	12.0	165.2	7.8	.1	.8	340.8
1-4	1.5	1.6	.2	23.8	1.4	2.5	.2	.0	.0	5.6
5-9	.4	1.6	.1	12.4	.4	.6	.1	.0	.0	2.3
10-14	.5	1.3	.1	12.0	.4	.4	.1	.1	.0	1.9
15-19	.6	1.8	.3	36.0	.6	.4	.1	.1	.0	2.6
20-24	.9	2.3	.5	40.4	.8	.3	.2	.2	.2	3.5
25-29	1.3	4.8	.8	34.9	1.1	.2	.3	.5	.7	4.7
30-34	2.1	10.1	1.3	30.2	1.5	.3	.6	.7	1.8	5.0
35-39	4.3	19.8	2.5	28.9	2.5	.2	1.0	1.0	4.4	6.7
40-44	9.8	45.5	4.2	30.7	5.0	.2	1.6	1.6	9.0	9.6
45-49	20.6	93.1	7.1	30.2	10.0	.3	2.6	2.7	16.3	14.5
50-54	37.4	165.2	12.1	28.8	18.0	.4	3.8	4.4	23.8	20.4
55-59	70.2	255.4	18.2	29.1	35.9	.4	5.2	8.2	27.1	30.7
60-64	132.1	373.7	31.3	28.6	65.1	.5	7.9	14.3	34.1	52.7
65-69	227.6	470.4	54.4	31.0	101.3	.7	11.8	22.2	32.1	85.4
70-74	418.4	602.0	109.1	37.2	166.0	.5	19.8	37.4	30.2	146.4
75-79	821.5	785.3	232.7	53.8	276.3	.9	38.3	63.7	29.0	274.4
80-84	1389.4	882.1	445.1	75.7	404.7	.9	64.1	94.9	21.1	404.6
85+	2529.2	826.1	864.6	114.4	736.5	.9	110.6	123.6	13.5	641.0
AGE-ADJ.	82.4	111.4	24.3	29.2	30.1	3.4	4.5	6.6	8.8	35.6

NOTES: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.
 THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CAUSE OF DEATH.
 THE CAUSES OF DEATH ARE: I. DISEASES OF THE HEART (EIGHTH REVISION OF THE INTERNATIONAL LIST OF DISEASES AND CAUSES OF DEATH CODE NUMBERS 390-398,402,404,410-429)
 II. MALIGNANT NEOPLASMS (140-209)
 III. VASCULAR DISEASES (400-401,403,430-458,582-584)
 IV. ACCIDENTS, SUICIDE, AND HOMICIDE (E800-E989)
 V. DISEASES OF THE RESPIRATORY SYSTEM (460-519)
 VI. CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (740-778)
 VII. DISEASES OF THE DIGESTIVE SYSTEM (520-570,572-577)
 VIII. DIABETES MELLITUS (250)
 IX. CIRRHOSIS OF THE LIVER (571)
 X. ALL OTHER CAUSES

TABLE 10A. CALENDAR YEAR 1978 AND ALTERNATIVE I CENTRAL DEATH RATES, BY AGE GROUP AND SEX (PER HUNDRED THOUSAND)

SEX	AGE	CENTRAL DEATH RATE									
		1978	1980	1985	1990	1995	2000	2020	2040	2060	2080
MALE	0	1591.7	1552.4	1451.1	1405.7	1390.8	1374.0	1299.4	1231.4	1169.5	1113.2
	1-4	78.2	67.8	63.9	60.5	58.3	57.4	56.1	55.0	54.1	53.3
	5-9	38.9	41.5	39.5	37.7	36.6	36.1	35.6	35.2	34.8	34.5
	10-14	43.7	46.7	44.8	43.2	42.1	41.7	41.2	40.8	40.5	40.2
	15-19	145.3	150.5	146.7	143.3	140.7	139.6	138.8	138.2	137.7	137.3
	20-24	203.1	210.4	205.3	200.7	197.2	195.7	194.6	193.9	193.2	192.6
	25-29	192.2	204.3	197.9	192.4	188.3	186.5	185.1	184.1	183.2	182.3
	30-34	192.9	205.0	196.6	189.3	184.0	181.9	179.9	178.3	176.8	175.5
	35-39	254.0	246.2	233.5	222.3	214.6	211.6	208.0	204.9	202.1	199.6
	40-44	382.8	371.0	349.2	330.2	317.3	312.2	304.5	298.0	292.0	286.6
	45-49	608.5	584.9	550.7	521.0	501.0	492.7	478.1	465.4	453.7	443.0
	50-54	982.4	943.0	892.1	848.3	819.2	807.2	781.9	759.2	738.2	718.8
	55-59	1490.1	1460.9	1390.0	1329.1	1289.0	1271.7	1229.9	1191.9	1156.7	1124.2
	60-64	2411.5	2333.0	2235.7	2152.8	2097.4	2071.3	2002.2	1939.1	1880.8	1826.8
	65-69	3439.3	3312.3	3196.5	3098.3	3030.6	2994.7	2893.5	2801.3	2716.2	2637.8
	70-74	5241.5	5000.7	4852.9	4728.5	4639.1	4585.1	4426.3	4281.8	4149.0	4027.1
	75-79	8065.8	7929.1	7711.8	7530.7	7397.5	7310.7	7050.8	6815.6	6600.4	6404.2
	80-84	11597.1	11185.3	10865.9	10601.3	10411.1	10291.0	9920.1	9584.3	9278.7	9001.5
	85+	17258.9	16077.8	15488.1	14994.5	14651.4	14459.8	13910.4	13416.7	12969.6	12566.3
	FEMALE	0	1269.6	1184.3	1110.7	1072.9	1056.6	1042.0	982.8	929.3	880.8
1-4		59.9	57.2	53.7	50.9	49.1	48.5	47.6	46.9	46.3	45.9
5-9		27.8	26.7	25.1	23.8	23.0	22.7	22.5	22.2	22.1	22.0
10-14		24.6	23.6	22.3	21.3	20.7	20.4	20.2	20.1	20.0	19.9
15-19		55.3	50.6	48.7	47.3	46.4	46.1	46.0	46.1	46.2	46.3
20-24		66.5	60.8	58.3	56.3	55.1	54.7	54.6	54.6	54.6	54.7
25-29		72.5	68.4	64.7	61.6	59.8	59.1	58.7	58.4	58.2	58.1
30-34		87.8	82.8	77.6	73.2	70.4	69.5	68.5	67.8	67.1	66.6
35-39		127.9	119.6	111.6	104.8	100.5	98.9	96.9	95.2	93.7	92.4
40-44		213.8	200.0	187.7	177.0	170.0	167.2	163.0	159.4	156.1	153.1
45-49		341.4	331.3	313.6	298.4	288.1	283.7	275.5	268.4	261.8	255.8
50-54		520.5	505.0	482.6	463.7	451.5	446.3	432.8	420.5	409.1	398.5
55-59		774.3	751.5	722.9	699.6	685.1	678.2	656.7	636.8	618.3	601.1
60-64		1212.8	1151.8	1112.0	1080.2	1060.9	1050.3	1015.1	982.3	951.9	923.6
65-69		1685.2	1650.8	1592.6	1546.5	1518.5	1502.9	1448.8	1398.6	1351.9	1308.7
70-74		2724.9	2619.4	2517.3	2435.2	2383.3	2354.8	2262.9	2178.1	2099.5	2026.7
75-79		4713.2	4607.1	4400.7	4229.8	4117.1	4057.7	3885.4	3727.5	3581.3	3446.3
80-84		7509.4	7369.4	6977.0	6642.5	6416.3	6305.3	6015.2	5751.2	5507.5	5282.6
85+		13541.2	12829.4	12003.0	11284.2	10794.5	10569.9	10048.5	9579.4	9147.7	8751.0

NOTE: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.

TABLE 10B. CALENDAR YEAR 1978 AND ALTERNATIVE II CENTRAL DEATH RATES, BY AGE GROUP AND SEX (PER HUNDRED THOUSAND)

SEX	AGE	CENTRAL DEATH RATE									
		1978	1980	1985	1990	1995	2000	2020	2040	2060	2080
MALE	0	1591.7	1552.4	1355.1	1271.6	1245.0	1215.2	1086.8	975.9	880.2	797.4
	1-4	78.2	67.8	60.1	53.8	49.9	48.5	46.3	44.6	43.1	41.8
	5-9	38.9	41.5	37.5	34.3	32.1	31.3	30.5	29.8	29.2	28.6
	10-14	43.7	46.7	43.0	40.0	38.0	37.2	36.3	35.7	35.1	34.5
	15-19	145.3	150.5	143.0	136.5	131.6	129.5	128.0	127.0	126.0	125.2
	20-24	203.1	210.4	200.3	191.4	184.8	181.9	180.0	178.7	177.5	176.4
	25-29	192.2	204.3	191.8	181.1	173.4	170.3	167.8	165.9	164.2	162.7
	30-34	192.9	205.0	188.5	174.6	165.0	161.3	157.7	154.9	152.4	150.1
	35-39	254.0	246.2	221.3	200.6	186.9	181.7	175.5	170.5	165.9	161.8
	40-44	382.8	371.0	328.4	293.4	270.9	262.3	249.7	239.1	229.7	221.2
	45-49	608.5	584.9	518.1	463.4	428.4	414.4	390.4	370.0	351.7	335.2
	50-54	982.4	943.0	843.5	762.2	710.7	690.1	647.8	610.7	577.4	547.5
	55-59	1490.1	1460.9	1321.8	1208.1	1136.1	1105.9	1034.6	971.8	915.3	864.5
	60-64	2411.5	2333.0	2141.8	1985.2	1884.2	1837.7	1717.4	1610.9	1515.4	1429.6
	65-69	3439.3	3312.3	3084.0	2896.8	2771.3	2706.1	2526.6	2368.0	2226.3	2099.6
	70-74	5241.5	5000.7	4708.6	4469.8	4302.0	4202.4	3916.4	3664.8	3440.8	3241.5
	75-79	8065.8	7929.1	7499.3	7150.3	6899.2	6738.2	6267.7	5856.2	5492.1	5170.2
	80-84	11597.1	11185.3	10553.8	10044.9	9687.2	9465.0	8794.8	8209.1	7693.7	7240.6
	85+	17258.9	16077.8	14915.9	13977.4	13343.9	12997.3	12028.9	11190.0	10456.3	9815.7
	FEMALE	0	1269.6	1184.3	1040.8	971.0	941.9	916.0	815.0	728.4	654.3
1-4		59.9	57.2	50.3	45.2	42.1	41.0	39.5	38.3	37.4	36.7
5-9		27.8	26.7	23.6	21.2	19.8	19.4	18.9	18.6	18.3	18.1
10-14		24.6	23.6	21.1	19.2	18.1	17.7	17.3	17.1	16.9	16.8
15-19		55.3	50.6	47.0	44.2	42.5	42.0	41.9	42.0	42.2	42.4
20-24		66.5	60.8	55.9	52.1	49.9	49.2	49.0	49.0	49.1	49.2
25-29		72.5	68.4	61.1	55.4	52.2	51.1	50.3	49.9	49.5	49.3
30-34		87.8	82.8	72.6	64.6	59.8	58.3	56.7	55.4	54.4	53.6
35-39		127.9	119.6	104.1	91.7	84.2	81.6	78.4	75.7	73.4	71.4
40-44		213.8	200.0	176.0	156.5	144.2	139.6	132.7	126.9	121.8	117.2
45-49		341.4	331.3	296.7	268.4	250.3	242.6	229.0	217.3	206.8	197.4
50-54		520.5	505.0	461.0	425.4	403.3	394.0	370.7	349.9	331.1	314.2
55-59		774.3	751.5	695.3	651.0	624.3	611.8	573.7	539.4	508.4	480.5
60-64		1212.8	1151.8	1073.2	1012.7	976.6	957.4	894.2	837.4	786.3	740.3
65-69		1685.2	1650.8	1535.9	1448.2	1396.1	1367.6	1271.0	1184.3	1106.6	1036.9
70-74		2724.9	2619.4	2418.4	2262.7	2167.2	2115.8	1953.9	1810.1	1681.7	1567.1
75-79		4713.2	4607.1	4201.9	3880.6	3676.1	3571.0	3274.4	3013.5	2781.8	2575.8
80-84		7509.4	7369.4	6601.6	5980.9	5579.3	5388.3	4904.7	4483.8	4111.6	3782.6
85+		13541.2	12829.4	11219.8	9908.6	9064.1	8691.9	7858.6	7142.4	6513.1	5960.3

NOTE: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.

TABLE 10C. CALENDAR YEAR 1978 AND ALTERNATIVE III CENTRAL DEATH RATES, BY AGE GROUP AND SEX (PER HUNDRED THOUSAND)

SEX	AGE	CENTRAL DEATH RATE									
		1978	1980	1985	1990	1995	2000	2020	2040	2060	2080
MALE	0	1591.7	1552.4	1178.5	1037.3	995.2	948.3	758.4	611.2	497.1	407.8
	1-4	78.2	67.8	53.0	42.5	36.5	34.4	31.5	29.2	27.3	25.7
	5-9	38.9	41.5	33.8	28.2	24.7	23.6	22.3	21.3	20.5	19.7
	10-14	43.7	46.7	39.6	34.2	30.8	29.5	28.2	27.2	26.3	25.5
	15-19	145.3	150.5	135.8	123.6	114.9	111.3	108.8	107.1	105.5	104.1
	20-24	203.1	210.4	190.5	174.0	162.1	157.1	153.9	151.7	149.7	147.9
	25-29	192.2	204.3	180.0	160.4	147.0	141.7	137.7	134.7	132.0	129.6
	30-34	192.9	205.0	173.1	148.3	132.4	126.5	121.2	116.9	113.2	109.9
	35-39	254.0	246.2	198.5	162.8	141.1	133.5	124.8	117.7	111.6	106.2
	40-44	382.8	371.0	289.8	230.8	196.5	184.3	167.4	153.6	141.8	131.6
	45-49	608.5	584.9	457.5	365.0	311.7	291.7	259.5	233.2	210.8	191.5
	50-54	982.4	943.0	752.6	613.2	532.8	502.6	443.5	394.3	352.5	316.9
	55-59	1490.1	1460.9	1193.5	995.4	879.8	833.8	730.5	644.6	571.8	510.1
	60-64	2411.5	2333.0	1963.3	1684.8	1517.1	1443.5	1261.2	1109.7	982.0	874.0
	65-69	3439.3	3312.3	2868.5	2528.8	2313.7	2206.4	1923.7	1689.7	1493.4	1328.1
	70-74	5241.5	5000.7	4430.2	3990.1	3695.3	3526.2	3062.7	2681.4	2363.3	2097.2
	75-79	8065.8	7929.1	7088.4	6441.1	5995.3	5718.6	4947.6	4318.5	3797.7	3365.1
	80-84	11597.1	11185.3	9951.3	9010.3	8378.0	7998.0	6905.2	6015.2	5282.8	4678.2
	85+	17258.9	16077.8	13822.3	12127.3	11049.0	10483.0	8980.6	7771.0	6784.5	5978.0
	FEMALE	0	1269.6	1184.3	911.7	793.0	746.5	706.2	558.9	446.3	359.9
1-4		59.9	57.2	44.1	35.5	30.8	29.2	27.1	25.6	24.4	23.5
5-9		27.8	26.7	20.8	16.8	14.7	14.0	13.3	12.9	12.5	12.2
10-14		24.6	23.6	18.8	15.5	13.8	13.2	12.7	12.3	12.1	11.9
15-19		55.3	50.6	43.5	38.5	35.7	34.8	34.7	34.8	35.1	35.5
20-24		66.5	60.8	51.3	44.5	40.8	39.7	39.4	39.4	39.5	39.8
25-29		72.5	68.4	54.4	44.7	39.6	38.0	37.0	36.3	35.8	35.4
30-34		87.8	82.8	63.4	50.0	42.9	40.7	38.6	37.0	35.7	34.6
35-39		127.9	119.6	90.2	69.8	58.8	55.3	51.1	47.8	45.0	42.5
40-44		213.8	200.0	154.3	121.7	103.2	96.8	87.7	80.3	73.9	68.5
45-49		341.4	331.3	265.0	216.5	188.0	176.8	157.7	142.1	128.7	117.3
50-54		520.5	505.0	420.1	357.3	321.0	306.5	271.5	241.9	216.7	195.1
55-59		774.3	751.5	642.5	562.8	517.5	497.0	437.2	386.4	343.3	306.6
60-64		1212.8	1151.8	998.9	888.9	826.6	794.4	693.1	607.8	535.8	474.8
65-69		1685.2	1650.8	1427.5	1268.2	1178.4	1131.0	976.9	848.1	740.3	649.8
70-74		2724.9	2619.4	2230.0	1950.4	1788.8	1705.0	1454.3	1248.0	1077.0	935.0
75-79		4713.2	4607.1	3825.7	3258.9	2923.1	2758.8	2320.4	1965.2	1674.3	1435.3
80-84		7509.4	7369.4	5899.2	4832.4	4201.9	3920.2	3250.7	2716.8	2284.2	1932.8
85+		13541.2	12829.4	9775.9	7600.6	6351.3	5843.4	4784.6	3953.4	3287.4	2752.7

NOTE: THE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP.

TABLE 11A. PAST AND ASSUMED AGE-ADJUSTED DEATH RATES FOR MALES, BY ALTERNATIVE (PER HUNDRED THOUSAND)

CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	AGE-ADJUSTED DEATH RATE			
						ALT. I	ALT. II	ALT. III	
1900	2229.7	1930	1684.8	1960	1255.7	1979	1027.0	1027.0	1027.0
1901	2186.0	1931	1645.3	1961	1220.0	1980	1027.0	1027.0	1027.0
1902	2063.5	1932	1622.8	1962	1242.8	1985	988.7	951.6	881.1
1903	2103.6	1933	1618.3	1963	1265.5	1990	956.8	891.4	773.3
1904	2219.3	1934	1665.9	1964	1239.1	1995	935.0	851.3	705.8
1905	2146.8	1935	1637.0	1965	1249.4	2000	923.5	830.6	672.1
1906	2149.3	1936	1724.0	1966	1258.5	2005	915.3	815.9	648.7
1907	2221.6	1937	1668.8	1967	1234.6	2010	907.7	802.5	627.5
1908	2034.5	1938	1554.2	1968	1269.2	2015	900.3	789.4	607.4
1909	1986.2	1939	1548.0	1969	1244.8	2020	893.1	776.8	588.2
1910	2051.9	1940	1569.1	1970	1218.5	2025	886.0	764.5	569.8
1911	1966.5	1941	1509.3	1971	1200.4	2030	879.0	752.6	552.3
1912	1944.4	1942	1461.8	1972	1209.4	2035	872.2	741.1	535.6
1913	1955.6	1943	1512.4	1973	1196.4	2040	865.6	729.9	519.6
1914	1892.4	1944	1450.6	1974	1152.2	2045	859.1	719.0	504.4
1915	1891.8	1945	1426.7	1975	1108.8	2050	852.7	708.4	489.8
1916	1982.0	1946	1369.5	1976	1094.2	2055	846.5	698.2	475.9
1917	2007.0	1947	1367.6	1977	1069.2	2060	840.4	688.2	462.6
1918	2355.7	1948	1350.0	1978	1061.0	2065	834.5	678.6	449.9
1919	1769.3	1949	1317.6			2070	828.6	669.2	437.8
1920	1809.4	1950	1313.7			2075	823.0	660.1	426.2
1921	1643.7	1951	1299.1			2080	817.4	651.3	415.0
1922	1716.8	1952	1281.9						
1923	1786.7	1953	1279.0						
1924	1722.1	1954	1216.3						
1925	1740.0	1955	1230.3						
1926	1804.9	1956	1236.3						
1927	1690.9	1957	1259.9						
1928	1802.4	1958	1248.3						
1929	1781.1	1959	1232.4						

NOTE: THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CALENDAR YEAR.

TABLE 11B. PAST AND ASSUMED AGE-ADJUSTED DEATH RATES FOR FEMALES, BY ALTERNATIVE (PER HUNDRED THOUSAND)

CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	CALENDAR YEAR	AGE-ADJUSTED DEATH RATE	AGE-ADJUSTED DEATH RATE			
						CALENDAR YEAR	ALT. I	ALT. II	ALT. III
1900	2035.4	1930	1428.7	1960	817.0	1979	587.6	587.6	587.6
1901	1959.6	1931	1385.3	1961	787.9	1980	587.6	587.6	587.6
1902	1818.6	1932	1382.0	1962	798.1	1985	559.4	532.4	481.7
1903	1872.1	1933	1351.8	1963	804.6	1990	536.3	489.3	406.9
1904	1960.8	1934	1368.6	1964	779.0	1995	521.3	462.6	364.2
1905	1902.3	1935	1338.8	1965	773.3	2000	514.0	449.8	344.7
1906	1869.7	1936	1401.0	1966	772.4	2005	508.7	440.6	331.0
1907	1920.8	1937	1337.5	1967	748.3	2010	503.7	432.1	318.5
1908	1788.2	1938	1261.5	1968	764.6	2015	498.9	423.8	306.6
1909	1741.6	1939	1250.4	1969	743.8	2020	494.1	415.8	295.3
1910	1792.7	1940	1239.2	1970	721.6	2025	489.4	408.1	284.5
1911	1730.8	1941	1168.8	1971	708.6	2030	484.9	400.5	274.2
1912	1686.6	1942	1121.7	1972	708.3	2035	480.4	393.2	264.4
1913	1690.4	1943	1159.8	1973	699.2	2040	476.0	386.1	255.2
1914	1645.4	1944	1101.2	1974	671.6	2045	471.7	379.2	246.3
1915	1659.4	1945	1058.1	1975	637.8	2050	467.5	372.6	237.9
1916	1725.1	1946	1029.1	1976	631.5	2055	463.3	366.1	229.8
1917	1727.1	1947	1010.6	1977	612.8	2060	459.3	359.8	222.2
1918	1992.0	1948	981.4	1978	609.9	2065	455.3	353.7	214.9
1919	1617.6	1949	949.7			2070	451.4	347.7	208.0
1920	1688.9	1950	933.8			2075	447.6	342.0	201.3
1921	1517.5	1951	915.5			2080	443.9	336.4	195.0
1922	1559.0	1952	894.8						
1923	1620.2	1953	881.5						
1924	1522.8	1954	832.6						
1925	1540.2	1955	833.8						
1926	1592.8	1956	828.6						
1927	1469.7	1957	842.2						
1928	1564.7	1958	829.5						
1929	1532.8	1959	809.9						

NOTE: THE AGE-ADJUSTED DEATH RATE IS THAT RATE WHICH WHEN APPLIED TO THE ENUMERATED TOTAL POPULATION AS OF APRIL 1, 1970 GIVES THE NUMBER OF DEATHS THAT WOULD OCCUR IN THAT POPULATION IF IT WERE TO EXPERIENCE THE AGE-SPECIFIC CENTRAL DEATH RATES FOR THE TABULATED CALENDAR YEAR.

TABLE 12. CALENDAR YEARS 1959-61 AVERAGE CENTRAL DEATH RATES, BY AGE GROUP, SEX, AND MARITAL STATUS (PER HUNDRED THOUSAND)

SEX	AGE GROUP	CENTRAL DEATH RATE					
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	
MALE	15-19	127.2	125.8	132.9	392.4	176.1	
	20-24	180.5	219.4	125.9	655.5	367.1	
	25-29	170.8	282.7	129.7	705.2	463.0	
	30-34	200.9	405.6	157.0	651.4	607.0	
	35-39	284.8	590.6	228.5	846.7	920.0	
	40-44	461.1	884.7	382.4	1195.3	1414.4	
	45-49	745.9	1250.8	633.8	1627.9	2091.8	
	50-54	1223.6	1805.9	1056.4	2407.4	3019.1	
	55-59	1806.4	2345.7	1585.6	3113.3	3974.6	
	60-64	2842.6	3741.0	2504.8	4308.7	5518.6	
	65-69	4155.2	5318.7	3663.5	5807.8	7319.6	
	70-74	5945.1	7490.7	5236.5	7464.3	9302.7	
	75-79	8765.3	10504.4	7680.1	10339.7	12629.6	
	80-84	13845.8	15869.5	12131.9	15346.5	18773.8	
	85+	22841.3	23158.4	19114.6	25074.9	26052.9	
	FEMALE	15-19	53.7	51.8	59.4	273.6	117.4
		20-24	70.1	91.3	58.0	247.3	143.7
		25-29	87.7	161.4	73.7	240.2	180.4
		30-34	122.5	245.1	104.2	330.1	247.9
35-39		178.1	322.7	154.4	388.1	338.9	
40-44		275.8	436.8	240.9	516.2	483.4	
45-49		417.1	559.6	370.4	680.9	621.9	
50-54		631.3	712.8	560.4	945.0	849.6	
55-59		902.0	884.6	802.1	1217.4	1147.2	
60-64		1471.2	1449.5	1291.2	1818.9	1719.8	
65-69		2259.8	2115.2	1998.9	2597.3	2526.0	
70-74		3671.4	3458.3	3252.0	3985.3	3995.0	
75-79		6133.9	5944.8	5330.5	6456.7	6745.4	
80-84		10797.9	10835.8	9396.5	11023.1	11724.1	
85+		20107.5	21057.3	13477.6	20571.2	19015.2	

TABLE 13. ASSUMED ANNUAL NET IMMIGRATION, BY AGE GROUP AND SEX

AGE GROUP	NET IMMIGRATION		
	TOTAL	MALE	FEMALE
0-4	51461	25752	25709
5-9	33848	16987	16861
10-14	35671	18228	17443
15-19	40439	19186	21253
20-24	51814	20673	31141
25-29	66676	32217	34459
30-34	39417	20020	19397
35-39	24908	12260	12648
40-44	16053	7695	8358
45-49	12339	5426	6913
50-54	10442	4167	6275
55-59	7871	2968	4903
60-64	5842	2134	3708
65-59	1816	549	1267
70-74	1025	383	642
75-79	173	-22	195
80-84	205	26	179
85+	0	0	0
0-19	161419	80153	81266
20-64	235362	107560	127802
65+	3219	936	2283
TOTAL	400000	188649	211351

NOTES: THE AVERAGE CENTRAL DEATH RATE IS THE RATIO OF THE NUMBER OF DEATHS DURING THE THREE-YEAR PERIOD IN THE TABULATED AGE GROUP TO THE MID-PERIOD POPULATION IN THAT AGE GROUP. SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.

TABLE 14. CALENDAR YEAR 1978 CENTRAL MARRIAGE RATES, BY AGE GROUP OF HUSBAND AND AGE GROUP OF WIFE (PER HUNDRED THOUSAND UNMARRIED OF EACH SEX)

AGE GROUP OF HUSBAND	AGE GROUP OF WIFE							
	14	15-19	20-24	25-29	30-34	35-39	40-44	45-49
14	0	0	1	1	1	0	0	0
15-19	46	1692	430	68	18	2	0	0
20-24	28	3375	6871	1328	335	70	9	1
25-29	7	883	5252	5210	1521	443	100	8
30-34	0	229	2441	4106	3259	1169	381	101
35-39	0	23	803	2345	2957	2191	871	290
40-44	0	1	136	898	1794	2100	1487	623
45-49	0	0	17	230	831	1344	1457	1076
50-54	0	0	2	52	281	615	957	1048
55-59	0	0	0	11	78	191	500	694
60-64	0	0	0	2	18	47	203	372
65-69	0	0	0	0	4	9	62	123
70-74	0	0	0	0	0	2	17	37
75-79	0	0	0	0	0	0	5	10
80-84	0	0	0	0	0	0	0	2
85+	0	0	0	0	0	0	0	0

AGE GROUP OF HUSBAND	AGE GROUP OF WIFE							
	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
14	0	0	0	0	0	0	0	0
15-19	0	0	0	0	0	0	0	0
20-24	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0
30-34	14	1	0	0	0	0	0	0
35-39	80	14	2	0	0	0	0	0
40-44	190	46	7	1	0	0	0	0
45-49	401	136	21	2	0	0	0	0
50-54	839	267	82	20	3	1	0	0
55-59	824	522	164	37	12	4	1	0
60-64	534	534	378	129	24	3	1	0
65-69	206	331	343	246	76	9	4	3
70-74	64	135	220	244	157	34	7	1
75-79	17	44	84	113	147	70	20	1
80-84	3	13	23	43	47	60	25	4
85+	1	4	6	29	15	19	13	7

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 MID-YEAR NUMBER OF UNMARRIED MALES IN THE AGE GROUP OF HUSBAND AND THE MID-YEAR NUMBER OF UNMARRIED FEMALES IN THE AGE GROUP OF WIFE.

TABLE 15. CALENDAR YEAR 1976 CENTRAL MARRIAGE RATES, BY AGE GROUP, SEX, AND PREVIOUS MARITAL STATUS (PER THOUSAND)

AGE GROUP	MALE			FEMALE		
	SINGLE	WIDOWED	DIVORCED	SINGLE	WIDOWED	DIVORCED
14-17	3.2	556.3	100.6	20.1	557.6	120.2
18-19	51.8	556.3	100.6	106.7	557.6	120.2
20-24	114.6	389.8	100.6	135.5	325.0	120.2
25-29	122.3	363.8	244.1	111.8	221.7	81.8
30-34	73.7	304.5	249.4	67.7	163.8	80.7
35-44	39.4	219.4	192.6	33.2	98.0	44.7
45-54	17.0	120.7	125.4	14.9	51.2	29.6
55-64	7.3	60.1	56.9	4.8	21.5	10.9
65+	3.1	28.0	19.1	1.1	7.4	2.2

NOTES: THE CENTRAL MARRIAGE RATE IS THE RATIO OF THE NUMBER OF MARRIAGES DURING THE YEAR IN THE TABULATED AGE GROUP TO THE MID-YEAR POPULATION IN THAT AGE GROUP. SINGLE MEANS NEVER MARRIED, WHILE WIDOWED AND DIVORCED REFER TO CURRENT STATUS.

TABLE 16. CALENDAR YEAR 1977 CENTRAL DIVORCE RATES, BY AGE GROUP OF HUSBAND AND AGE GROUP OF WIFE (PER THOUSAND)

AGE GROUP OF HUSBAND	AGE GROUP OF WIFE								
	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55+
14-19	27.3	35.3	48.0	5.0	4.6	.9	.4	.0	.6
20-24	36.8	46.4	54.2	75.5	29.8	10.0	1.8	6.2	.9
25-29	35.6	45.5	38.7	39.9	35.5	28.5	23.3	28.1	3.2
30-34	54.4	56.8	33.6	30.5	30.9	34.6	41.0	31.6	16.6
35-39	28.9	71.9	41.2	25.3	23.2	26.9	37.6	29.8	31.6
40-44	16.6	65.7	56.2	28.9	19.8	18.5	20.7	22.0	20.8
45-49	10.4	50.8	47.0	35.5	22.1	15.1	12.7	12.8	12.9
50-54	11.6	36.2	60.1	50.5	34.8	19.2	10.0	8.4	8.1
55+	1.4	29.3	38.0	58.7	46.2	26.3	15.1	7.9	3.5

NOTE: THE CENTRAL DIVORCE RATE IS THE RATIO OF THE NUMBER OF DIVORCES DURING THE YEAR IN THE TABULATED AGE CELL TO THE MID-YEAR NUMBER OF MARRIED COUPLES IN THAT CELL.

TABLE 17A. PAST AND ALTERNATIVE I VITAL EVENTS

YEAR	MALE					FEMALE		
	BIRTHS	DEATHS	WIDOWINGS	MARRIAGES	DIVORCES	BIRTHS	DEATHS	WIDOWINGS
1920	----	----	----	1274476	170505	----	----	----
1925	----	----	----	1188334	175449	----	----	----
1930	----	----	----	1126856	195961	----	----	----
1935	----	----	----	1327000	218000	----	----	----
1940	1211684	791003	----	1595879	264000	1148715	626266	----
1945	1404587	788063	----	1612992	485000	1330869	613656	----
1950	1823555	827749	----	1667231	385144	1730594	624705	----
1955	2073719	872638	----	1531000	377000	1973576	656079	----
1960	2179708	975648	----	1523000	393000	2078142	736334	----
1965	1927054	1035200	----	1800000	479000	1833304	792936	----
1970	1915378	1078478	----	2158802	708000	1816008	842553	----
1975	1613135	1050819	----	2152662	1036000	1531063	842060	----
1980	1914792	1108669	277364	2484440	1215699	1823576	932057	641376
1985	2073904	1160607	283963	2766412	1261353	1975103	994007	660386
1990	2112502	1215527	293870	2812496	1301190	2011869	1058331	684130
1995	2089424	1279408	307330	2762492	1314714	1989888	1134584	712140
2000	2148599	1356883	323589	2794020	1307070	2046243	1223746	745064
2005	2316094	1441633	341111	2914786	1313896	2205760	1308307	782992
2010	2439104	1533115	360630	3023984	1338908	2322913	1381980	829825
2015	2519678	1636001	383768	3085717	1368690	2399648	1451865	887721
2020	2569821	1753083	410661	3140048	1397253	2447396	1529414	953462
2025	2647485	1877520	438022	3242426	1432726	2521363	1627156	1016648
2030	2767340	1992370	460987	3378008	1480390	2635512	1748219	1065638
2035	2896371	2080551	475310	3510597	1536095	2758393	1877265	1093899
2040	3002339	2132106	480718	3624020	1591864	2859315	1987881	1103345
2045	3091359	2152167	480344	3732663	1645575	2944097	2056154	1103261
2050	3188905	2159430	479545	3858926	1700529	3036993	2079304	1106150
2055	3308084	2174450	483491	4004899	1760688	3150500	2073474	1121025
2060	3438031	2211749	494481	4155202	1825810	3274248	2066802	1150305
2065	3562365	2271647	510818	4298303	1892720	3392665	2085494	1188546
2070	3678826	2345659	528916	4438494	1959444	3503574	2135741	1229723
2075	3798158	2425541	546769	4586764	2026914	3617223	2207392	1271522
2080	3928905	2512877	566180	4746959	2097237	3741744	2289004	1317810

NOTE: FIGURES FOR 1920-1975 COVER THE STATES AND D.C. FROM JANUARY 1 OF THE YEAR TO JANUARY 1 OF THE SUCCEEDING YEAR, WHILE FIGURES FOR 1980-2080 COVER THE SOCIAL SECURITY AREA FROM JULY 1 OF THE YEAR TO JULY 1 OF THE SUCCEEDING YEAR.

TABLE 17B. PAST AND ALTERNATIVE II VITAL EVENTS

YEAR	MALE					FEMALE		
	BIRTHS	DEATHS	WIDOWINGS	MARRIAGES	DIVORCES	BIRTHS	DEATHS	WIDOWINGS
1920	----	----	----	1274476	170505	----	----	----
1925	----	----	----	1188334	175449	----	----	----
1930	----	----	----	1126856	195961	----	----	----
1935	----	----	----	1327000	218000	----	----	----
1940	1211684	791003	----	1595879	264000	1148715	626266	----
1945	1404587	788063	----	1612992	485000	1330869	613656	----
1950	1823555	827749	----	1667231	385144	1730594	624705	----
1955	2073719	872638	----	1531000	377000	1973576	656079	----
1960	2179708	975648	----	1523000	393000	2078142	736334	----
1965	1927054	1035200	----	1800000	479000	1833304	792936	----
1970	1915378	1078478	----	2158802	708000	1816008	842553	----
1975	1613135	1050819	----	2152662	1036000	1531063	842060	----
1980	1908607	1104608	276202	2484440	1215699	1817683	927586	639123
1985	2004495	1118158	272493	2766383	1261996	1909010	947303	638572
1990	1984973	1146770	275817	2812890	1303348	1890412	983029	650889
1995	1912777	1197293	286406	2763777	1318863	1821659	1045893	675109
2000	1915890	1272068	303060	2793449	1313038	1824617	1136240	710025
2005	2004056	1355370	321244	2891407	1319144	1908588	1225582	749495
2010	2073522	1444140	341082	2957149	1336421	1974746	1303405	795949
2015	2094439	1542642	363597	2966361	1351383	1994665	1374874	851879
2020	2084301	1654335	388872	2961324	1359881	1985007	1448520	915567
2025	2092768	1773588	414439	2991412	1370033	1993072	1533642	978571
2030	2135197	1885834	436346	3050323	1387041	2033483	1636515	1029999
2035	2185933	1974810	450721	3105009	1409114	2081801	1750845	1062011
2040	2217927	2028831	456462	3138244	1429295	2112271	1858649	1073609
2045	2232821	2047106	455145	3161874	1445939	2126453	1936105	1070362
2050	2249938	2043209	450803	3195789	1461713	2142755	1973127	1062926
2055	2280747	2033964	447359	3243168	1480115	2172094	1974441	1059846
2060	2318771	2033457	447822	3292414	1501241	2208310	1956040	1065737
2065	2351873	2045428	451781	3333402	1522681	2239837	1940231	1077656
2070	2376928	2066687	457225	3368534	1542736	2263701	1941499	1091497
2075	2400515	2092019	462233	3405901	1561850	2286161	1961764	1104679
2080	2428964	2125136	468827	3449190	1581594	2313256	1999171	1121845

NOTE: FIGURES FOR 1920-1975 COVER THE STATES AND D.C. FROM JANUARY 1 OF THE YEAR TO JANUARY 1 OF THE SUCCEEDING YEAR, WHILE FIGURES FOR 1980-2080 COVER THE SOCIAL SECURITY AREA FROM JULY 1 OF THE YEAR TO JULY 1 OF THE SUCCEEDING YEAR.

TABLE 17C. PAST AND ALTERNATIVE III VITAL EVENTS

YEAR	MALE					FEMALE		
	BIRTHS	DEATHS	WIDOWINGS	MARRIAGES	DIVORCES	BIRTHS	DEATHS	WIDOWINGS
1920	----	----	----	1274476	170505	----	----	----
1925	----	----	----	1188334	175449	----	----	----
1930	----	----	----	1126856	195961	----	----	----
1935	----	----	----	1327000	218000	----	----	----
1940	1211684	791003	----	1595879	264000	1148715	626266	----
1945	1404587	788063	----	1612992	485000	1330869	613656	----
1950	1823555	827749	----	1667231	385144	1730594	624705	----
1955	2073719	872638	----	1531000	377000	1973576	656079	----
1960	2179708	975648	----	1523000	393000	2078142	736334	----
1965	1927054	1035200	----	1800000	479000	1833304	792936	----
1970	1915378	1078478	----	2158802	708000	1816008	842553	----
1975	1613135	1050819	----	2152662	1036000	1531063	842060	----
1980	1900359	1096903	274052	2484440	1215699	1809832	919205	634886
1985	1912037	1038041	250591	2766314	1263235	1820954	858716	596730
1990	1815065	1021110	241878	2813556	1307437	1728600	841974	588435
1995	1677347	1049291	246775	2766085	1326432	1597443	876601	606002
2000	1607165	1119332	262779	2793744	1323812	1530603	962197	644058
2005	1598658	1200811	281389	2861690	1329660	1522500	1055694	686997
2010	1613786	1285859	300811	2869461	1337365	1536909	1139806	733328
2015	1577113	1378015	321561	2808210	1333109	1501983	1215415	786190
2020	1510802	1481345	343421	2723902	1315087	1438831	1286077	845996
2025	1455690	1591677	364456	2660437	1292053	1386342	1355298	907113
2030	1429016	1698603	382686	2626043	1269973	1360943	1429234	961520
2035	1414350	1789795	395831	2592557	1250959	1346973	1511811	1001544
2040	1390294	1854788	402597	2540112	1229979	1324067	1600557	1023299
2045	1353378	1886012	402629	2477123	1205769	1288910	1681216	1026456
2050	1316067	1889038	397554	2420585	1180555	1253370	1741079	1017195
2055	1287961	1872725	389250	2375495	1157004	1226609	1773044	1001637
2060	1267060	1846031	379837	2335236	1135992	1206696	1773078	985137
2065	1245737	1814914	370587	2291396	1115986	1186394	1750503	968977
2070	1220493	1784251	362413	2244354	1095732	1162351	1718434	953922
2075	1194053	1756886	355003	2199167	1075361	1137170	1691953	939262
2080	1170373	1742793	350684	2158908	1055749	1114618	1689085	930431

NOTE: FIGURES FOR 1920-1975 COVER THE STATES AND D.C. FROM JANUARY 1 OF THE YEAR TO JANUARY 1 OF THE SUCCEEDING YEAR, WHILE FIGURES FOR 1980-2080 COVER THE SOCIAL SECURITY AREA FROM JULY 1 OF THE YEAR TO JULY 1 OF THE SUCCEEDING YEAR.

TABLE 18. PAST AND PROJECTED LIFE EXPECTANCIES AT BIRTH AND AT AGE 65, BY SEX AND ALTERNATIVE

SEX	CALENDAR YEARS	LIFE EXPECTANCY		SEX	CALENDAR YEAR	BIRTH			AGE 65			
		BIRTH	AGE 65			ALT. I	ALT. II	ALT. III	ALT. I	ALT. II	ALT. III	
MALE	1900-02	47.9	11.5	MALE	1980	69.8	69.8	69.8	14.3	14.3	14.3	
	1909-11	49.9	11.2		1990	70.9	71.9	74.0	14.8	15.3	16.3	
	1919-21	55.5	12.2		2000	71.4	72.9	75.9	15.0	15.8	17.4	
	1929-31	57.7	11.8		2010	71.6	73.4	76.8	15.2	16.1	18.1	
	1939-41	61.6	12.1		2020	71.8	73.8	77.7	15.3	16.4	18.8	
	1949-51	65.5	12.7		2030	72.0	74.2	78.5	15.5	16.7	19.5	
	1959-61	66.8	13.0		2040	72.2	74.6	79.4	15.6	17.0	20.1	
	1969-71	67.0	13.0		2050	72.4	75.0	80.2	15.7	17.3	20.8	
						2060	72.6	75.4	81.0	15.9	17.6	21.5
						2070	72.8	75.8	81.8	16.0	17.9	22.2
				2080	73.0	76.1	82.6	16.1	18.2	22.8		
FEMALE	1900-02	50.7	12.2	FEMALE	1980	77.7	77.7	77.7	18.7	18.7	18.7	
	1909-11	53.2	12.0		1990	78.9	80.0	82.5	19.4	20.3	22.1	
	1919-21	57.4	12.8		2000	79.4	81.1	84.9	19.8	21.1	24.2	
	1929-31	61.0	12.8		2010	79.6	81.6	86.0	20.0	21.6	25.1	
	1939-41	65.9	13.6		2020	79.9	82.1	87.2	20.2	22.0	26.1	
	1949-51	71.0	15.0		2030	80.1	82.6	88.3	20.4	22.4	27.2	
	1959-61	73.2	15.8		2040	80.3	83.1	89.5	20.6	22.8	28.2	
	1969-71	74.6	16.8		2050	80.6	83.6	90.6	20.8	23.2	29.3	
						2060	80.8	84.1	91.8	21.0	23.6	30.4
						2070	81.0	84.6	93.0	21.1	24.0	31.5
				2080	81.2	85.0	94.2	21.3	24.4	32.6		

NOTE: THE LIFE EXPECTANCY IS THE AVERAGE NUMBER OF YEARS OF LIFE REMAINING IF A PERSON WERE TO EXPERIENCE THE TABULATED YEAR'S AGE-SEX-SPECIFIC MORTALITY RATES THROUGHOUT HIS LIFE.

TABLE 19A. JULY 1, 1980 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	17068	8733	8733	0	0	0	8335	8335	0	0	0
5-9	17205	8795	8795	0	0	0	8410	8410	0	0	0
10-14	18530	9453	9453	0	0	0	9077	9076	2	0	0
15-19	21242	10826	10544	274	0	8	10416	9503	869	1	42
20-24	21735	11000	7560	3192	2	246	10735	5549	4734	14	438
25-29	20182	10150	3520	5984	13	632	10032	2280	6817	37	898
30-34	18149	9110	1612	6748	17	733	9039	961	7003	63	1011
35-39	14827	7404	746	6033	16	610	7423	503	5981	104	835
40-44	12251	6090	529	5023	34	503	6162	322	4946	165	728
45-49	11568	5750	465	4775	77	432	5818	270	4616	324	608
50-54	12002	5885	422	4939	135	390	6117	270	4718	600	529
55-59	11802	5668	358	4788	187	335	6134	278	4434	965	458
60-64	10215	4783	274	4022	240	247	5432	262	3548	1275	347
65-69	8692	3902	227	3174	321	181	4790	264	2610	1671	244
70-74	6935	2917	167	2258	374	118	4018	242	1722	1896	157
75-79	4637	1789	94	1270	368	56	2848	175	842	1748	84
80-84	3051	1049	52	650	321	26	2002	124	388	1445	45
85-89	1774	546	27	273	233	13	1228	76	188	936	27
90-94	640	178	9	69	97	4	462	29	54	369	10
95+	163	41	2	11	28	1	122	8	9	103	3
0-19	74045	37807	37524	274	0	8	36239	35324	871	1	42
20-64	132731	65839	15487	45504	720	4128	66892	10696	46797	3547	5851
65+	25892	10422	577	7704	1741	400	15470	917	5814	8168	571
TOTAL	232668	114068	53587	53482	2462	4536	118601	46938	53482	11717	6464

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19B. JULY 1, 1985 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	19317	9875	9875	0	0	0	9442	9442	0	0	0
5-9	17213	8802	8802	0	0	0	8412	8412	0	0	0
10-14	17954	8868	8868	0	0	0	8486	8485	2	0	0
15-19	18660	9502	9383	118	0	1	9157	8578	566	0	13
20-24	21346	10823	7848	2763	2	210	10522	5498	4551	10	464
25-29	21901	11027	4026	6136	7	858	10874	2422	7075	24	1352
30-34	20303	10178	2099	7075	13	991	10125	1161	7334	41	1589
35-39	18157	9087	1176	6970	20	922	9070	640	6885	70	1474
40-44	14760	7343	616	5925	28	775	7417	388	5717	119	1193
45-49	12105	5984	461	4855	51	617	6121	275	4665	213	969
50-54	11301	5567	419	4532	101	515	5734	248	4290	424	772
55-59	11535	5573	377	4563	178	455	5961	254	4271	797	639
60-64	11064	5185	311	4274	253	346	5879	264	3844	1263	508
65-69	9250	4167	224	3397	313	232	5084	244	2865	1596	378
70-74	7521	3187	172	2473	377	166	4334	240	1921	1913	260
75-79	5591	2159	113	1552	394	101	3432	208	1096	1969	159
80-84	3333	1146	54	723	325	44	2186	135	432	1546	74
85-89	1860	557	25	277	238	17	1303	80	157	1032	34
90-94	841	221	10	91	114	6	620	39	60	506	15
95+	243	57	3	21	33	1	186	12	14	156	4
0-19	72544	37047	36928	118	0	1	35497	34916	568	0	13
20-64	142471	70769	17334	47093	652	5689	71702	11151	48633	2960	8959
65+	28638	11493	600	8533	1793	567	17144	958	6544	8718	924
TOTAL	243653	119309	54862	55745	2445	6257	124343	47024	55745	11678	9896

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19C. JULY 1, 1990 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	20381	10420	10420	0	0	0	9961	9961	0	0	0
5-9	19460	9943	9943	0	0	0	9517	9517	0	0	0
10-14	17363	8875	8875	0	0	0	8488	8487	2	0	0
15-19	17488	8921	8804	115	0	1	8568	8014	541	0	12
20-24	18782	9514	6975	2371	1	167	9268	4852	4030	7	378
25-29	21518	10855	4281	5779	6	789	10663	2261	7055	21	1325
30-34	22017	11051	2473	7448	12	1118	10966	1187	7865	36	1877
35-39	20302	10148	1546	7518	19	1065	10154	768	7455	60	1871
40-44	18065	9010	972	6996	32	1010	9056	494	6710	106	1746
45-49	14585	7220	537	5798	51	833	7365	329	5454	188	1395
50-54	11842	5805	417	4683	82	623	6037	250	4383	326	1077
55-59	10883	5287	376	4252	144	516	5596	233	3927	602	834
60-64	10840	5118	331	4127	240	421	5722	241	3728	1086	666
65-69	10048	4537	257	3640	334	307	5511	246	3131	1604	531
70-74	8042	3425	171	2666	385	202	4617	222	2117	1893	385
75-79	6096	2375	117	1715	411	132	3721	207	1242	2023	249
80-84	4067	1400	66	900	363	70	2668	162	579	1791	135
85-89	2079	621	27	330	239	25	1459	90	173	1144	53
90-94	920	233	10	91	125	8	687	43	48	578	19
95+	346	75	3	26	44	2	271	17	15	232	6
0-19	74692	38158	38042	115	0	1	36534	35979	543	0	12
20-64	148834	74008	17907	48973	587	6541	74826	10615	50608	2433	11170
65+	31599	12665	650	9368	1900	747	18934	987	7305	9264	1377
TOTAL	255125	124831	56599	58456	2487	7289	130294	47581	58456	11697	12560

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19D. JULY 1, 1995 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	20425	10443	10443	0	0	0	9982	9982	0	0	0
5-9	20523	10487	10487	0	0	0	10036	10036	0	0	0
10-14	19608	10014	10014	0	0	0	9593	9591	2	0	0
15-19	17500	8930	8824	105	0	1	8570	8063	495	0	11
20-24	17619	8939	6545	2233	1	160	8681	4492	3819	7	363
25-29	18974	9561	3773	5099	5	684	9413	1899	6352	17	1146
30-34	21641	10884	2678	7119	11	1075	10757	1045	7875	33	1804
35-39	22009	11016	1856	7954	20	1187	10993	776	8072	59	2087
40-44	20198	10062	1281	7615	33	1133	10136	587	7371	102	2076
45-49	17850	8860	848	6907	58	1047	8990	418	6464	189	1919
50-54	14272	7009	486	5624	89	811	7263	299	5163	319	1481
55-59	11422	5526	374	4436	127	588	5896	234	4043	512	1107
60-64	10248	4870	330	3888	203	450	5378	220	3452	870	836
65-69	9868	4496	274	3549	318	354	5372	225	3048	1428	673
70-74	8759	3744	198	2875	413	257	5015	224	2330	1935	526
75-79	6554	2571	118	1862	433	158	3984	193	1371	2061	359
80-84	4467	1551	69	1004	389	89	2916	162	669	1877	208
85-89	2584	770	33	419	279	39	1815	110	239	1369	96
90-94	1061	266	11	113	132	11	795	50	51	666	29
95+	418	85	3	27	52	2	333	21	13	291	8
0-19	78055	39874	39768	105	0	1	38181	37673	497	0	11
20-64	154233	76726	18171	50874	546	7135	77507	9971	52611	2108	12817
65+	33712	13481	706	9849	2015	911	20231	985	7721	9626	1899
TOTAL	266001	130082	58645	60829	2561	8047	135919	48629	60829	11734	14727

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19E. JULY 1, 2000 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	20437	10449	10449	0	0	0	9988	9988	0	0	0
5-9	20568	10510	10510	0	0	0	10058	10058	0	0	0
10-14	20670	10559	10558	0	0	0	10112	10110	2	0	0
15-19	19738	10065	9945	119	0	1	9673	9123	538	0	12
20-24	17633	8949	6581	2215	1	152	8683	4663	3672	7	342
25-29	17821	8993	3549	4793	4	646	8828	1740	5985	16	1087
30-34	19115	9603	2343	6313	9	938	9512	821	7116	27	1548
35-39	21639	10853	2027	7647	19	1160	10786	661	8085	55	1986
40-44	21893	10922	1555	8065	36	1266	10971	588	8011	105	2268
45-49	19956	9896	1120	7544	62	1170	10060	494	7153	193	2220
50-54	17467	8605	766	6726	104	1008	8862	380	6158	343	1981
55-59	13769	6677	437	5342	146	753	7092	279	4789	534	1490
60-64	10770	5100	329	4084	189	498	5670	221	3574	789	1086
65-69	9342	4287	274	3372	275	366	5055	205	2834	1193	822
70-74	8616	3721	212	2825	396	287	4895	205	2268	1769	652
75-79	7153	2817	137	2017	468	195	4336	195	1518	2140	483
80-84	4832	1691	70	1096	419	105	3141	152	737	1957	295
85-89	2861	860	35	471	305	49	2002	111	281	1463	146
90-94	1344	335	13	145	150	16	1009	62	72	822	54
95+	502	99	4	33	59	3	403	25	13	352	13
0-19	81414	41583	41463	119	0	1	39831	39279	540	0	12
20-64	160063	79598	18707	52729	571	7590	80465	9848	54543	2067	14007
65+	34651	13810	746	9958	2083	1022	20841	956	7724	9696	2465
TOTAL	276127	134990	60916	62806	2654	8614	141137	50082	62806	11764	16484

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19F. JULY 1, 2020 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	24661	12610	12610	0	0	0	12051	12051	0	0	0
5-9	24178	12357	12357	0	0	0	11821	11821	0	0	0
10-14	23263	11884	11884	0	0	0	11379	11377	2	0	0
15-19	21898	11169	11034	133	0	1	10729	10102	613	0	14
20-24	20970	10642	7807	2648	1	185	10328	5530	4380	8	410
25-29	21138	10674	4177	5730	5	762	10465	2258	6921	19	1267
30-34	21223	10684	2539	7104	9	1032	10540	1087	7677	30	1745
35-39	20194	10135	1755	7331	15	1034	10059	665	7506	50	1838
40-44	17937	8974	1250	6739	25	960	8963	370	6772	84	1737
45-49	17718	8820	1171	6596	52	1001	8898	267	6643	171	1817
50-54	18433	9096	1166	6772	106	1052	9336	263	6759	347	1967
55-59	20075	9799	1235	7216	212	1135	10276	340	6978	692	2265
60-64	19260	9194	995	6882	337	980	10066	390	6249	1136	2292
65-69	16241	7484	674	5672	434	704	8756	364	4793	1561	2037
70-74	12746	5585	399	4181	512	494	7161	285	3258	1929	1689
75-79	8554	3451	176	2492	493	289	5104	196	1777	1979	1150
80-84	5265	1894	90	1248	410	147	3371	131	799	1739	701
85-89	3229	1011	47	560	331	73	2219	91	314	1423	390
90-94	1803	469	20	203	217	30	1334	57	99	992	186
95+	929	184	7	58	110	9	745	35	24	611	74
0-19	94000	48020	47885	133	0	1	45980	45351	615	0	14
20-64	176948	88016	22096	57018	763	8139	88931	11170	59885	2537	15339
65+	48767	20078	1412	14415	2506	1745	28689	1160	11066	10235	6228
TOTAL	319715	156114	71393	71566	3269	9885	163601	57681	71566	12772	21581

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19G. JULY 1, 2040 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	28548	14599	14599	0	0	0	13949	13949	0	0	0
5-9	27508	14060	14060	0	0	0	13448	13448	0	0	0
10-14	26421	13499	13499	0	0	0	12921	12919	2	0	0
15-19	25610	13064	12905	158	0	1	12545	11800	729	1	16
20-24	25145	12768	9369	3176	2	221	12377	6667	5213	9	488
25-29	24691	12477	4856	6727	6	888	12214	2698	8025	22	1469
30-34	23765	11971	2791	8022	10	1148	11794	1202	8613	34	1945
35-39	22304	11201	1906	8148	16	1132	11103	686	8353	54	2010
40-44	21186	10603	1512	7914	30	1148	10583	458	7954	96	2074
45-49	20931	10429	1360	7812	59	1197	10502	392	7703	193	2214
50-54	20454	10119	1237	7612	112	1159	10335	381	7312	372	2269
55-59	18805	9192	1035	6962	181	1015	9613	341	6503	641	2128
60-64	15879	7610	779	5829	252	750	8269	235	5279	974	1780
65-69	14500	6719	704	5035	372	608	7781	194	4428	1486	1674
70-74	13556	5969	617	4292	533	528	7587	195	3596	2123	1673
75-79	12598	5144	518	3443	731	451	7454	239	2669	2817	1728
80-84	9626	3526	295	2167	766	298	6101	235	1522	2884	1460
85-89	5860	1864	126	1007	588	144	3996	169	619	2254	954
90-94	2856	765	41	338	333	53	2091	86	173	1346	485
95+	1215	250	10	85	141	14	965	39	34	701	190
0-19	108086	55222	55063	158	0	1	52864	52116	731	1	16
20-64	193160	96371	24844	62202	668	8657	96790	13061	64956	2396	16378
65+	60211	24238	2311	16367	3463	2096	35973	1156	13041	13611	8166
TOTAL	361457	175831	82218	78727	4131	10755	185627	66332	78727	16007	24560

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19H. JULY 1, 2060 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	32610	16677	16677	0	0	0	15933	15933	0	0	0
5-9	31523	16114	16114	0	0	0	15409	15409	0	0	0
10-14	30630	15652	15652	0	0	0	14978	14976	3	0	0
15-19	29856	15233	15048	184	0	2	14623	13759	845	1	19
20-24	28987	14725	10808	3660	2	254	14263	7708	5985	11	559
25-29	27970	14142	5489	7640	7	1006	13828	3032	9111	25	1660
30-34	26859	13537	3149	9080	11	1297	13322	1302	9797	37	2185
35-39	25929	13032	2241	9445	19	1326	12898	772	9739	61	2325
40-44	25252	12650	1825	9403	35	1387	12602	566	9442	112	2481
45-49	24372	12156	1556	9130	68	1402	12216	474	8937	218	2587
50-54	22889	11336	1334	8592	122	1288	11553	415	8207	406	2525
55-59	20790	10177	1113	7754	195	1115	10612	346	7255	688	2323
60-64	18783	9017	949	6873	294	901	9766	295	6245	1104	2121
65-69	17228	8013	827	6016	431	739	9215	286	5228	1658	2042
70-74	15179	6726	661	4897	575	593	8452	286	3984	2247	1935
75-79	12010	4942	440	3424	661	417	7068	243	2559	2617	1649
80-84	8129	3013	235	1923	615	241	5115	145	1306	2493	1172
85-89	5376	1734	134	942	526	132	3643	91	570	2167	815
90-94	3182	865	68	373	363	61	2317	61	196	1551	508
95+	2063	428	33	129	240	26	1635	58	55	1180	342
0-19	124619	63677	63491	184	0	2	60943	60076	847	1	19
20-64	221831	110772	28465	71577	753	9977	111059	14911	74719	2662	18767
65+	63166	25722	2399	17704	3410	2209	37444	1170	13899	13913	8462
TOTAL	409616	200170	94354	89465	4163	12187	209446	76157	89465	16575	27248

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 19I. JULY 1, 2080 ALTERNATIVE I POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	37355	19105	19105	0	0	0	18249	18249	0	0	0
5-9	36271	18543	18543	0	0	0	17728	17728	0	0	0
10-14	35272	18026	18026	0	0	0	17246	17243	3	0	0
15-19	34194	17449	17237	210	0	2	16745	15758	965	1	22
20-24	33003	16770	12310	4168	2	289	16233	8759	6825	12	637
25-29	31922	16148	6269	8723	8	1149	15774	3420	10431	28	1894
30-34	30983	15626	3643	10470	13	1500	15358	1486	11315	42	2514
35-39	30077	15126	2602	10957	22	1545	14951	902	11285	70	2694
40-44	28996	14536	2077	10823	40	1596	14460	652	10838	126	2844
45-49	27549	13752	1734	10360	75	1583	13798	518	10136	241	2903
50-54	25852	12817	1497	9727	135	1458	13035	437	9333	447	2818
55-59	24173	11852	1316	8999	224	1313	12321	388	8478	777	2678
60-64	22430	10793	1155	8193	346	1100	11637	366	7463	1273	2535
65-69	20159	9408	955	7081	494	878	10751	347	6136	1878	2390
70-74	17132	7626	721	5598	634	673	9506	311	4545	2481	2169
75-79	13453	5571	482	3891	726	472	7882	248	2926	2884	1824
80-84	9796	3659	295	2332	732	299	6136	184	1609	2925	1419
85-89	6628	2166	168	1187	642	170	4462	139	732	2563	1028
90-94	3751	1036	77	460	424	75	2715	93	245	1759	618
95+	2124	447	31	146	243	27	1677	57	62	1206	351
0-19	143092	73123	72911	210	0	2	69968	68978	968	1	22
20-64	254985	127420	32603	82420	865	11533	127565	16928	86104	3016	21518
65+	73043	29914	2730	20696	3895	2593	43129	1380	16254	15695	9799
TOTAL	471120	230457	108243	103326	4760	14128	240663	87286	103326	18712	31339

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20A. JULY 1, 1980 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	17068	8733	8733	0	0	0	8335	8335	0	0	0
5-9	17205	8795	8795	0	0	0	8410	8410	0	0	0
10-14	18530	9453	9453	0	0	0	9077	9076	2	0	0
15-19	21242	10826	10544	274	0	8	10416	9503	869	1	42
20-24	21735	11000	7560	3192	2	246	10735	5549	4734	14	438
25-29	20182	10150	3520	5984	13	632	10032	2280	6817	37	898
30-34	18149	9110	1612	6748	17	733	9039	961	7003	63	1011
35-39	14827	7404	746	6033	16	610	7423	503	5981	104	835
40-44	12251	6090	529	5023	34	503	6162	322	4946	165	728
45-49	11568	5750	465	4775	77	432	5818	270	4616	324	608
50-54	12002	5885	422	4939	135	390	6117	270	4718	600	529
55-59	11802	5668	358	4788	187	335	6134	278	4434	965	458
60-64	10215	4783	274	4022	240	247	5432	262	3548	1275	347
65-69	8692	3902	227	3174	321	181	4790	264	2610	1671	244
70-74	6935	2917	167	2258	374	118	4018	242	1722	1896	157
75-79	4637	1789	94	1270	368	56	2848	175	842	1748	84
80-84	3051	1049	52	650	321	26	2002	124	388	1445	45
85-89	1774	546	27	273	233	13	1228	76	188	936	27
90-94	640	178	9	69	97	4	462	29	54	369	10
95+	163	41	2	11	28	1	122	8	9	103	3
0-19	74045	37807	37524	274	0	8	36239	35324	871	1	42
20-64	132731	65839	15487	45504	720	4128	66892	10696	46797	3547	5851
65+	25892	10422	577	7704	1741	400	15470	917	5814	8168	571
TOTAL	232668	114068	53587	53482	2462	4536	118601	46938	53482	11717	6464

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20B. JULY 1, 1985 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	19023	9725	9725	0	0	0	9297	9297	0	0	0
5-9	17214	8802	8802	0	0	0	8412	8412	0	0	0
10-14	17355	8868	8868	0	0	0	8487	8485	2	0	0
15-19	18661	9503	9384	118	0	1	9158	8578	566	0	13
20-24	21347	10825	7849	2763	2	210	10523	5498	4551	9	464
25-29	21903	11029	4027	6137	7	858	10875	2423	7076	24	1352
30-34	20306	10180	2100	7076	13	992	10126	1161	7336	40	1590
35-39	18161	9090	1176	6972	19	923	9071	640	6888	68	1475
40-44	14765	7347	616	5928	27	775	7419	388	5720	117	1193
45-49	12111	5988	462	4859	49	618	6123	275	4670	209	969
50-54	11310	5573	420	4538	100	516	5737	248	4297	419	773
55-59	11547	5582	378	4571	176	457	5965	255	4281	791	639
60-64	11080	5196	312	4285	251	348	5884	264	3855	1256	509
65-69	9268	4178	225	3408	311	234	5090	245	2876	1590	379
70-74	7540	3197	172	2484	375	166	4343	240	1931	1911	261
75-79	5613	2169	113	1562	392	101	3444	209	1104	1972	159
80-84	3356	1154	55	730	325	44	2202	135	437	1555	74
85-89	1885	563	25	282	238	18	1321	82	160	1045	34
90-94	860	225	10	93	115	6	635	40	62	518	15
95+	252	59	3	21	33	1	193	12	14	163	4
0-19	72252	36898	36779	118	0	1	35353	34772	568	0	13
20-64	142531	70809	17341	47128	644	5696	71722	11152	48674	2934	8962
65+	28773	11545	603	8580	1790	571	17228	963	6585	8754	927
TOTAL	243556	119252	54723	55827	2434	6268	124304	46887	55827	11688	9902

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20C. JULY 1, 1990 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	19502	9972	9972	0	0	0	9530	9530	0	0	0
5-9	19169	9795	9795	0	0	0	9374	9374	0	0	0
10-14	17366	8876	8876	0	0	0	8489	8488	2	0	0
15-19	17492	8923	8806	115	0	1	8569	8015	541	0	12
20-24	18787	9518	6978	2372	1	167	9270	4853	4032	7	378
25-29	21527	10861	4284	5781	6	790	10665	2261	7059	20	1325
30-34	22028	11058	2475	7452	11	1119	10970	1187	7871	34	1877
35-39	20317	10157	1549	7524	17	1067	10159	768	7463	56	1872
40-44	18085	9022	974	7006	29	1013	9063	494	6723	99	1747
45-49	14611	7236	539	5812	47	838	7374	329	5471	177	1397
50-54	11872	5825	419	4701	78	628	6047	251	4405	312	1079
55-59	10923	5315	379	4276	139	521	5608	233	3955	584	836
60-64	10894	5156	334	4161	235	427	5739	242	3764	1064	669
65-69	10115	4580	260	3681	328	312	5534	247	3171	1583	533
70-74	8113	3466	174	2706	379	206	4647	224	2154	1882	388
75-79	6175	2412	119	1751	406	135	3764	209	1274	2028	252
80-84	4157	1431	68	928	362	72	2727	166	603	1820	139
85-89	2167	644	28	348	242	27	1523	94	185	1190	55
90-94	988	247	10	99	130	8	741	46	53	622	20
95+	390	82	4	29	47	2	308	19	18	264	7
0-19	73529	37566	37450	115	0	1	35962	35407	543	0	12
20-64	149044	74147	17930	49085	564	6568	74896	10618	50743	2353	11181
65+	32106	12861	663	9543	1893	763	19245	1005	7457	9388	1395
TOTAL	254678	124575	56042	58743	2457	7332	130103	47030	58743	11741	12588

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20D. JULY 1, 1995 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	19028	9730	9730	0	0	0	9298	9298	0	0	0
5-9	19651	10043	10043	0	0	0	9608	9608	0	0	0
10-14	19320	9869	9869	0	0	0	9452	9450	2	0	0
15-19	17507	8934	8828	105	0	1	8573	8066	496	0	11
20-24	17628	8945	6550	2234	1	160	8683	4493	3821	6	363
25-29	18988	9571	3778	5103	4	685	9417	1898	6357	16	1146
30-34	21662	10897	2684	7126	10	1078	10764	1045	7885	30	1805
35-39	22038	11034	1861	7965	18	1190	11004	776	8088	52	2087
40-44	20238	10087	1286	7633	29	1139	10151	587	7394	91	2078
45-49	17906	8896	853	6934	52	1056	9010	419	6499	171	1922
50-54	14340	7054	490	5660	81	822	7286	300	5208	294	1485
55-59	11498	5578	379	4480	119	599	5920	235	4094	480	1111
60-64	10343	4936	336	3944	194	461	5407	221	3513	832	841
65-69	9990	4577	281	3623	308	366	5413	226	3121	1387	679
70-74	8903	3830	204	2956	404	267	5073	227	2406	1907	533
75-79	6710	2647	122	1935	425	165	4063	196	1435	2064	367
80-84	4643	1616	73	1062	386	94	3027	168	718	1924	217
85-89	2774	821	36	459	284	43	1952	119	269	1460	104
90-94	1202	295	12	131	140	12	906	56	61	755	34
95+	523	100	4	33	60	3	423	27	18	368	11
0-19	75506	38576	38470	105	0	1	36930	36422	497	0	11
20-64	154640	76996	18218	51080	508	7190	77644	9975	52860	1971	12838
65+	34745	13888	731	10200	2007	950	20857	1019	8028	9865	1944
TOTAL	264891	129460	57419	61385	2515	8141	135431	47416	61385	11836	14794

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20E. JULY 1, 2000 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	18561	9491	9491	0	0	0	9070	9070	0	0	0
5-9	19180	9803	9803	0	0	0	9377	9377	0	0	0
10-14	19803	10117	10117	0	0	0	9686	9684	2	0	0
15-19	19457	9923	9804	118	0	1	9534	8985	536	0	12
20-24	17646	8958	6590	2215	1	152	8688	4664	3676	6	342
25-29	17839	9006	3557	4798	4	647	8833	1739	5993	14	1088
30-34	19142	9621	2351	6322	7	940	9521	819	7129	24	1549
35-39	21680	10879	2036	7662	16	1165	10801	660	8107	48	1986
40-44	21954	10960	1564	8090	31	1275	10994	588	8046	91	2269
45-49	20042	9951	1130	7584	54	1183	10092	495	7204	168	2224
50-54	17581	8679	777	6784	93	1026	8902	381	6228	305	1988
55-59	13899	6765	445	5413	134	773	7134	281	4871	485	1498
60-64	10912	5197	337	4165	178	517	5715	223	3662	735	1094
65-69	9510	4400	283	3469	264	383	5110	207	2932	1138	832
70-74	8824	3850	222	2939	385	304	4974	208	2376	1725	665
75-79	7399	2945	145	2132	459	209	4454	200	1621	2134	499
80-84	5097	1796	76	1189	417	114	3301	160	815	2015	312
85-89	3148	943	39	535	313	55	2205	122	331	1590	163
90-94	1587	388	16	178	174	20	1200	74	93	969	65
95+	686	126	5	44	72	5	560	35	19	488	18
0-19	77001	39334	39215	118	0	1	37667	37116	538	0	12
20-64	160695	80016	18786	53034	518	7677	80679	9851	54915	1876	14037
65+	36251	14446	785	10486	2085	1090	21805	1006	8186	10058	2554
TOTAL	273947	133797	58787	63639	2603	8768	140150	47973	63639	11934	16604

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20F. JULY 1, 2020 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	20371	10418	10418	0	0	0	9953	9953	0	0	0
5-9	20474	10466	10466	0	0	0	10009	10009	0	0	0
10-14	20115	10278	10278	0	0	0	9837	9835	2	0	0
15-19	19415	9905	9785	119	0	1	9510	8943	554	0	13
20-24	19139	9715	7130	2415	1	169	9424	5000	4038	7	379
25-29	19801	10002	3942	5341	4	716	9798	2063	6529	16	1191
30-34	20414	10284	2485	6791	8	1000	10130	1006	7426	25	1672
35-39	19973	10034	1781	7203	12	1037	9939	639	7450	42	1808
40-44	18019	9028	1284	6741	21	981	8991	367	6820	70	1735
45-49	17842	8901	1197	6636	44	1024	8941	265	6718	143	1815
50-54	18627	9223	1194	6854	92	1083	9404	262	6878	295	1969
55-59	20389	10007	1275	7361	189	1182	10383	341	7166	601	2275
60-64	19697	9485	1039	7099	308	1039	10213	392	6498	1008	2314
65-69	16767	7830	717	5944	407	764	8937	370	5073	1422	2073
70-74	13326	5949	433	4476	491	549	7377	291	3535	1810	1741
75-79	9114	3766	197	2753	485	331	5348	205	2004	1929	1211
80-84	5795	2141	105	1445	417	175	3654	142	958	1787	767
85-89	3779	1210	58	703	357	93	2569	105	417	1587	459
90-94	2338	613	26	288	256	43	1725	73	153	1252	247
95+	1534	283	11	98	158	16	1251	59	47	1018	127
0-19	80376	41068	40947	119	0	1	39309	38740	556	0	13
20-64	173902	86678	21327	56441	679	8231	87224	10335	59525	2206	15158
65+	52653	21793	1546	15706	2570	1970	30860	1244	12186	10804	6625
TOTAL	306931	149539	63820	72267	3249	10203	157392	50319	72267	13010	21796

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20G. JULY 1, 2040 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	21455	10974	10974	0	0	0	10481	10481	0	0	0
5-9	21172	10824	10824	0	0	0	10348	10348	0	0	0
10-14	20850	10655	10655	0	0	0	10194	10192	2	0	0
15-19	20758	10592	10462	129	0	1	10166	9551	601	0	14
20-24	20933	10630	7803	2641	1	185	10302	5505	4379	7	411
25-29	21079	10653	4179	5710	4	760	10426	2259	6890	16	1260
30-34	20725	10444	2481	6947	8	1008	10281	1009	7556	25	1691
35-39	19938	10021	1757	7225	12	1026	9917	578	7520	39	1779
40-44	19486	9765	1448	7218	23	1077	9721	394	7374	71	1881
45-49	19767	9872	1342	7323	47	1160	9896	344	7349	148	2055
50-54	19884	9875	1261	7358	92	1165	10010	346	7202	297	2164
55-59	18886	9290	1096	6973	156	1064	9596	327	6637	535	2097
60-64	16314	7898	842	6015	227	814	8416	234	5546	844	1791
65-69	15085	7101	767	5316	343	676	7984	194	4763	1326	1701
70-74	14340	6458	687	4665	503	603	7882	199	3994	1961	1729
75-79	13675	5756	600	3905	714	538	7919	250	3112	2720	1837
80-84	10891	4139	361	2620	782	377	6751	256	1910	2958	1627
85-89	7132	2361	167	1347	647	200	4771	198	877	2540	1156
90-94	3914	1085	61	526	413	85	2829	114	294	1748	673
95+	2220	440	18	165	228	29	1780	71	75	1274	359
0-19	84235	43046	42915	129	0	1	41189	40573	602	0	14
20-64	177012	88449	22209	57409	570	8260	88563	10997	60454	1983	15130
65+	67257	27340	2660	18543	3630	2507	39917	1282	15024	14528	9083
TOTAL	328504	158834	67785	76081	4200	10769	169670	52852	76081	16511	24226

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20H. JULY 1, 2060 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	22396	11457	11457	0	0	0	10939	10939	0	0	0
5-9	22207	11354	11354	0	0	0	10852	10852	0	0	0
10-14	22135	11314	11314	0	0	0	10821	10819	2	0	0
15-19	22124	11291	11153	137	0	1	10832	10182	635	0	14
20-24	22007	11180	8210	2775	1	194	10828	5807	4584	7	429
25-29	21769	11006	4309	5908	5	784	10763	2313	7133	17	1300
30-34	21448	10813	2572	7189	8	1044	10635	1002	7866	25	1742
35-39	21257	10690	1902	7673	13	1103	10567	604	8031	41	1891
40-44	21247	10657	1601	7842	24	1190	10591	452	8000	74	2064
45-49	21029	10511	1408	7816	47	1239	10518	386	7785	149	2198
50-54	20222	10052	1242	7547	88	1175	10170	341	7356	287	2187
55-59	18920	9320	1078	7034	149	1059	9600	289	6742	509	2060
60-64	17727	8601	963	6497	238	903	9126	254	6069	861	1942
65-69	16883	7986	880	5956	366	784	8897	255	5343	1365	1935
70-74	15550	7064	744	5134	515	670	8486	266	4334	1969	1916
75-79	13015	5544	534	3870	630	510	7470	244	3023	2470	1733
80-84	9381	3636	307	2381	628	320	5746	158	1711	2556	1320
85-89	6756	2293	191	1319	588	194	4464	108	865	2480	1011
90-94	4566	1306	109	624	467	106	3260	83	366	2079	732
95+	4176	848	69	286	431	61	3328	118	143	2341	726
0-19	88862	45417	45278	137	0	1	43445	42793	637	0	14
20-64	185627	92829	23284	60281	572	8692	92798	11449	63566	1969	15814
65+	70327	28676	2834	19571	3626	2645	41651	1233	15786	15259	9373
TOTAL	344816	166922	71396	79989	4198	11338	177894	55475	79989	17229	25201

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 20I. JULY 1, 2080 ALTERNATIVE II POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	23531	12039	12039	0	0	0	11493	11493	0	0	0
5-9	23433	11983	11983	0	0	0	11450	11450	0	0	0
10-14	23348	11936	11936	0	0	0	11412	11410	2	0	0
15-19	23185	11835	11690	144	0	1	11350	10671	664	0	15
20-24	22941	11657	8561	2893	1	202	11284	6041	4787	8	448
25-29	22790	11527	4516	6184	5	822	11263	2396	7488	17	1362
30-34	22713	11456	2734	7605	8	1109	11257	1056	8332	26	1843
35-39	22599	11371	2025	8155	13	1177	11228	652	8522	42	2012
40-44	22307	11194	1669	8251	24	1250	11112	478	8394	75	2166
45-49	21719	10863	1439	8100	47	1276	10856	385	8070	147	2255
50-54	20952	10424	1288	7830	88	1219	10527	332	7673	282	2240
55-59	20218	9975	1178	7498	153	1147	10242	302	7241	513	2186
60-64	19421	9448	1079	7107	249	1012	9973	294	6661	885	2133
65-69	18125	8608	938	6440	373	857	9517	287	5768	1381	2080
70-74	16049	7335	748	5384	504	698	8715	264	4550	1941	1960
75-79	13333	5733	543	4043	616	531	7601	219	3198	2443	1741
80-84	10527	4132	370	2707	679	376	6395	175	1996	2749	1474
85-89	7985	2770	241	1610	673	246	5215	149	1086	2771	1210
90-94	5348	1575	132	776	534	133	3773	119	466	2313	876
95+	4566	950	73	345	461	71	3616	113	174	2547	781
0-19	93498	47793	47648	144	0	1	45705	45023	666	0	15
20-64	195659	97916	24489	63623	589	9215	97743	11936	67167	1995	16645
65+	75934	31102	3045	21305	3840	2911	44832	1327	17238	16145	10122
TOTAL	365091	176811	75182	85072	4429	12127	188280	58286	85072	18140	26782

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21A. JULY 1, 1980 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	17068	8733	8733	0	0	0	8335	8335	0	0	0
5-9	17205	8795	8795	0	0	0	8410	8410	0	0	0
10-14	18530	9453	9453	0	0	0	9077	9076	2	0	0
15-19	21242	10826	10544	274	0	8	10416	9503	869	1	42
20-24	21735	11000	7560	3192	2	246	10735	5549	4734	14	438
25-29	20182	10150	3520	5984	13	632	10032	2280	6817	37	898
30-34	18149	9110	1612	6748	17	733	9039	961	7003	63	1011
35-39	14827	7404	746	6033	16	610	7423	503	5981	104	835
40-44	12251	6090	529	5023	34	503	6162	322	4946	165	728
45-49	11568	5750	465	4775	77	432	5818	270	4616	324	608
50-54	12002	5885	422	4939	135	390	6117	270	4718	600	529
55-59	11802	5668	358	4788	187	335	6134	278	4434	965	458
60-64	10215	4783	274	4022	240	247	5432	262	3548	1275	347
65-69	8692	3902	227	3174	321	181	4790	264	2610	1671	244
70-74	6935	2917	167	2258	374	118	4018	242	1722	1896	157
75-79	4637	1789	94	1270	368	56	2848	175	842	1748	84
80-84	3051	1049	52	650	321	26	2002	124	388	1445	45
85-89	1774	546	27	273	233	13	1228	76	188	936	27
90-94	640	178	9	69	97	4	462	29	54	369	10
95+	163	41	2	11	28	1	122	8	9	103	3
0-19	74045	37807	37524	274	0	8	36239	35324	871	1	42
20-64	132731	65839	15487	45504	720	4128	66892	10696	46797	3547	5851
65+	25892	10422	577	7704	1741	400	15470	917	5814	8168	571
TOTAL	232668	114068	53587	53482	2462	4536	118601	46938	53482	11717	6464

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21B. JULY 1, 1985 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	18634	9528	9528	0	0	0	9106	9106	0	0	0
5-9	17216	8803	8803	0	0	0	8413	8413	0	0	0
10-14	17356	8869	8869	0	0	0	8487	8485	2	0	0
15-19	18663	9504	9385	118	0	1	9158	8579	566	0	13
20-24	21351	10827	7851	2764	2	210	10524	5499	4552	9	464
25-29	21908	11032	4028	6138	7	858	10876	2423	7078	23	1352
30-34	20312	10184	2101	7078	12	992	10128	1161	7339	38	1590
35-39	18168	9094	1177	6975	18	924	9074	641	6893	65	1475
40-44	14775	7353	617	5933	26	777	7422	388	5727	113	1194
45-49	12124	5996	463	4866	47	620	6127	275	4679	203	970
50-54	11326	5584	421	4548	97	518	5742	248	4309	411	774
55-59	11570	5598	380	4587	172	459	5972	255	4298	779	640
60-64	11111	5217	314	4305	248	351	5894	265	3876	1243	510
65-69	9302	4200	226	3430	307	236	5102	245	2897	1580	380
70-74	7577	3218	174	2505	371	168	4359	241	1950	1906	262
75-79	5655	2188	115	1580	390	103	3468	210	1121	1977	160
80-84	3401	1169	56	744	324	45	2232	137	448	1571	76
85-89	1932	576	26	292	240	18	1356	84	167	1071	35
90-94	896	233	11	98	118	7	663	41	66	540	16
95+	269	62	3	22	35	1	208	13	16	175	4
0-19	71868	36704	36585	118	0	1	35164	34583	568	0	13
20-64	142644	70884	17353	47195	628	5709	71760	11155	48753	2885	8968
65+	29033	11644	610	8671	1785	578	17389	972	6664	8819	934
TOTAL	243545	119232	54547	55984	2413	6288	124313	46710	55984	11704	9914

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21C. JULY 1, 1990 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	18337	9379	9379	0	0	0	8958	8958	0	0	0
5-9	18788	9601	9601	0	0	0	9186	9186	0	0	0
10-14	17371	8879	8879	0	0	0	8491	8490	2	0	0
15-19	17498	8927	8810	115	0	1	8571	8017	541	0	12
20-24	18798	9525	6984	2373	1	167	9273	4854	4034	6	378
25-29	21542	10872	4290	5786	5	791	10671	2261	7065	18	1326
30-34	22048	11071	2480	7460	10	1121	10977	1187	7881	30	1878
35-39	20342	10174	1553	7536	15	1070	10169	768	7478	49	1873
40-44	18121	9045	979	7023	25	1018	9076	494	6746	87	1749
45-49	14656	7265	543	5836	41	845	7391	330	5503	159	1400
50-54	11928	5862	423	4732	70	637	6066	252	4445	287	1083
55-59	10996	5364	384	4320	130	531	5631	234	4006	551	840
60-64	10994	5224	339	4224	224	438	5770	243	3832	1021	673
65-69	10240	4662	266	3759	316	322	5577	249	3247	1543	538
70-74	8246	3544	179	2783	368	214	4703	226	2225	1858	393
75-79	6326	2483	124	1821	397	141	3843	213	1335	2036	258
80-84	4328	1491	72	985	358	77	2837	172	650	1870	145
85-89	2334	689	30	383	247	29	1644	101	209	1274	60
90-94	1122	275	12	116	139	9	846	53	64	707	23
95+	485	97	4	36	54	3	388	24	24	331	9
0-19	71993	36786	36670	115	0	1	35207	34651	543	0	12
20-64	149425	74401	17973	49291	520	6617	75024	10624	50992	2207	11201
65+	33080	13241	686	9882	1878	795	19839	1039	7754	9618	1427
TOTAL	254498	124429	55328	59289	2399	7413	130069	46314	59289	11825	12641

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21D. JULY 1, 1995 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	17170	8782	8782	0	0	0	8388	8388	0	0	0
5-9	18497	9456	9456	0	0	0	9041	9041	0	0	0
10-14	18944	9678	9678	0	0	0	9266	9264	2	0	0
15-19	17518	8942	8836	105	0	1	8577	8069	496	0	11
20-24	17646	8957	6560	2236	1	160	8689	4494	3826	6	363
25-29	19013	9588	3788	5110	3	687	9425	1897	6367	13	1147
30-34	21699	10922	2693	7140	8	1081	10777	1044	7902	24	1806
35-39	22088	11066	1870	7986	14	1196	11022	775	8116	42	2089
40-44	20306	10130	1296	7663	22	1149	10175	588	7435	72	2080
45-49	18001	8956	863	6981	41	1071	9044	420	6559	139	1927
50-54	14456	7130	498	5722	68	841	7327	301	5285	248	1492
55-59	11633	5668	388	4557	105	619	5964	237	4186	422	1119
60-64	10514	5053	346	4047	177	483	5461	224	3626	761	851
65-69	10216	4728	292	3759	289	387	5488	229	3258	1310	691
70-74	9174	3994	215	3110	384	286	5180	231	2551	1850	547
75-79	7003	2795	131	2077	409	179	4207	203	1562	2060	383
80-84	4974	1743	80	1179	380	105	3231	179	816	2002	233
85-89	3133	925	41	543	291	50	2208	134	332	1623	119
90-94	1482	357	15	171	155	16	1125	70	85	928	42
95+	766	136	6	49	77	4	630	40	28	546	16
0-19	72129	36858	36752	105	0	1	35271	34762	498	0	11
20-64	155355	77471	18304	51441	439	7287	77884	9980	53302	1727	12875
65+	36747	14678	779	10887	1985	1027	22069	1086	8633	10318	2031
TOTAL	264231	129007	55835	62433	2424	8315	135224	45828	62433	12045	14917

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21E. JULY 1, 2000 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	16063	8216	8216	0	0	0	7847	7847	0	0	0
5-9	17334	8862	8862	0	0	0	8472	8472	0	0	0
10-14	18655	9534	9534	0	0	0	9121	9119	2	0	0
15-19	19090	9739	9621	118	0	1	9351	8804	534	0	12
20-24	17671	8975	6605	2217	1	153	8695	4666	3682	5	342
25-29	17873	9029	3571	4806	3	649	8844	1737	6006	12	1089
30-34	19188	9652	2364	6338	6	945	9536	817	7151	18	1549
35-39	21749	10925	2051	7689	12	1173	10824	659	8143	36	1986
40-44	22055	11025	1580	8133	23	1289	11030	588	8103	68	2271
45-49	20184	10042	1147	7649	41	1205	10143	496	7289	128	2230
50-54	17772	8804	794	6879	74	1057	8969	383	6346	241	1999
55-59	14122	6914	459	5535	112	807	7209	283	5015	400	1511
60-64	11162	5367	352	4309	156	549	5795	226	3823	637	1110
65-69	9814	4605	301	3648	241	416	5210	211	3115	1033	851
70-74	9209	4090	240	3154	361	335	5119	214	2583	1633	689
75-79	7860	3191	160	2357	438	236	4669	209	1825	2107	528
80-84	5597	2004	87	1376	408	134	3593	173	975	2100	345
85-89	3697	1113	47	673	324	69	2584	143	438	1809	194
90-94	2083	501	21	255	198	27	1582	97	144	1255	87
95+	1150	192	8	75	101	8	958	60	37	829	32
0-19	71141	36351	36232	118	0	1	34791	34243	536	0	12
20-64	161776	80733	18924	53556	426	7827	81044	9853	55559	1544	14087
65+	39409	15696	863	11538	2071	1224	23714	1106	9116	10765	2726
TOTAL	272327	132779	56019	65211	2497	9052	139548	45202	65211	12310	16825

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21F. JULY 1, 2020 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	15204	7778	7778	0	0	0	7426	7426	0	0	0
5-9	15870	8115	8115	0	0	0	7756	7756	0	0	0
10-14	16069	8214	8214	0	0	0	7856	7854	1	0	0
15-19	16140	8237	8136	101	0	1	7902	7416	475	0	11
20-24	16702	8482	6227	2105	1	149	8220	4296	3582	5	337
25-29	18026	9114	3633	4824	3	654	8913	1804	6007	11	1090
30-34	19352	9763	2420	6378	5	960	9590	899	7098	18	1575
35-39	19701	9916	1823	7038	9	1046	9785	605	7384	29	1767
40-44	18154	9118	1338	6752	15	1014	9036	362	6897	48	1730
45-49	18040	9031	1238	6702	31	1060	9009	261	6838	100	1810
50-54	18937	9426	1240	6984	68	1133	9511	259	7070	213	1969
55-59	20896	10341	1340	7594	147	1260	10555	341	7477	449	2288
60-64	20421	9964	1113	7459	252	1141	10456	396	6925	786	2348
65-69	17669	8423	790	6414	348	871	9246	378	5573	1162	2133
70-74	14353	6600	496	5014	437	653	7753	303	4058	1563	1829
75-79	10143	4364	238	3256	452	417	5780	219	2459	1784	1318
80-84	6800	2640	137	1854	411	238	4160	160	1305	1807	889
85-89	4863	1644	84	1033	386	142	3219	130	672	1825	593
90-94	3492	962	44	519	322	77	2530	106	312	1734	378
95+	3435	595	23	246	285	40	2840	136	139	2271	294
0-19	63283	32343	32242	101	0	1	30939	30451	477	0	11
20-64	170229	85155	20372	55835	530	8417	85075	9222	59279	1658	14915
65+	60755	25227	1812	18336	2641	2438	35528	1432	14516	12147	7433
TOTAL	294268	142726	54425	74272	3172	10856	151542	41105	74272	13806	22359

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21G. JULY 1, 2040 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	13815	7068	7068	0	0	0	6746	6746	0	0	0
5-9	14150	7236	7236	0	0	0	6914	6914	0	0	0
10-14	14500	7413	7413	0	0	0	7087	7086	1	0	0
15-19	15073	7695	7599	95	0	1	7379	6920	448	0	10
20-24	15854	8052	5914	1996	1	141	7802	4118	3362	4	317
25-29	16584	8384	3331	4450	3	600	8201	1726	5465	10	999
30-34	16812	8478	2074	5573	4	827	8334	768	6186	14	1365
35-39	16810	8460	1556	6013	7	884	8350	442	6412	22	1474
40-44	17216	8648	1364	6288	13	983	8568	311	6594	41	1623
45-49	18219	9132	1324	6665	29	1113	9087	281	6876	89	1840
50-54	19150	9566	1304	7020	62	1181	9584	300	7071	192	2021
55-59	19060	9464	1194	7008	115	1147	9596	307	6866	372	2051
60-64	17010	8359	945	6313	178	923	8650	232	5989	625	1805
65-69	16051	7734	873	5785	281	795	8317	195	5347	1034	1741
70-74	15682	7307	813	5322	429	744	8375	204	4732	1622	1817
75-79	15591	6886	756	4778	640	711	8705	267	3995	2425	2017
80-84	13239	5361	498	3558	754	550	7878	292	2763	2904	1918
85-89	9629	3451	264	2151	698	339	6178	251	1529	2865	1533
90-94	6226	1895	116	1066	534	179	4331	170	676	2415	1070
95+	5701	1123	51	504	473	95	4577	181	275	3184	938
0-19	57538	29412	29316	95	0	1	28126	27667	449	0	10
20-64	156715	78544	19006	51327	413	7798	78171	8486	54821	1370	13494
65+	82119	33759	3371	23165	3810	3413	48360	1560	19317	16449	11034
TOTAL	296372	141715	51693	74587	4223	11212	154658	37713	74587	17819	24539

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21H. JULY 1, 2060 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

AGE GROUP	SOCIAL SECURITY AREA POPULATION										
	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	12599	6447	6447	0	0	0	6152	6152	0	0	0
5-9	13010	6654	6654	0	0	0	6356	6356	0	0	0
10-14	13500	6902	6902	0	0	0	6597	6596	1	0	0
15-19	14026	7161	7072	88	0	1	6865	6443	412	0	9
20-24	14480	7354	5405	1821	1	128	7126	3779	3055	4	288
25-29	14887	7523	2987	3996	2	538	7364	1537	4919	9	899
30-34	15271	7700	1899	5045	4	752	7571	677	5642	12	1240
35-39	15768	7937	1489	5605	6	836	7832	419	6005	20	1388
40-44	16395	8237	1319	5963	12	944	8157	323	6232	36	1566
45-49	16829	8437	1212	6175	25	1026	8391	282	6316	75	1718
50-54	16726	8357	1110	6183	48	1016	8369	251	6216	152	1750
55-59	16376	8139	1024	6050	89	975	8238	217	6025	289	1707
60-64	16268	8011	986	5963	155	907	8257	201	5828	535	1693
65-69	16449	7970	967	5880	260	862	8479	213	5558	927	1781
70-74	16221	7641	891	5541	398	812	8579	240	4972	1478	1889
75-79	14759	6627	714	4685	534	695	8132	247	3936	2083	1866
80-84	11648	4854	460	3312	586	496	6795	178	2609	2441	1567
85-89	9423	3521	329	2215	622	355	5901	137	1638	2764	1363
90-94	7570	2444	228	1369	603	244	5126	125	937	2871	1193
95+	11978	2528	222	1062	1005	239	9450	336	651	6266	2198
0-19	53134	27164	27075	88	0	1	25970	25547	413	0	9
20-64	142999	71696	17431	46800	343	7122	71304	7685	50238	1132	12249
65+	88048	35585	3810	24063	4009	3702	52463	1474	20300	18831	11858
TOTAL	284181	134445	48316	70952	4352	10825	149736	34706	70952	19963	24116

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 21I. JULY 1, 2080 ALTERNATIVE III POPULATION IN THE SOCIAL SECURITY AREA, BY AGE GROUP, SEX, AND MARITAL STATUS
(IN THOUSANDS)

SOCIAL SECURITY AREA POPULATION											
AGE GROUP	TOTAL	MALE					FEMALE				
		TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	SINGLE	MARRIED	WIDOWED	DIVORCED
0-4	11685	5980	5980	0	0	0	5705	5705	0	0	0
5-9	12107	6192	6192	0	0	0	5914	5914	0	0	0
10-14	12523	6403	6403	0	0	0	6119	6118	1	0	0
15-19	12905	6589	6508	81	0	1	6315	5928	378	0	9
20-24	13276	6742	4955	1669	1	117	6534	3459	2807	4	265
25-29	13762	6953	2767	3686	2	498	6809	1416	4551	8	834
30-34	14288	7203	1788	4707	4	705	7084	643	5266	11	1164
35-39	14743	7421	1398	5235	6	782	7322	407	5591	17	1306
40-44	15052	7563	1206	5485	10	862	7489	304	5712	30	1443
45-49	15181	7611	1088	5585	20	918	7570	248	5716	61	1544
50-54	15258	7626	1026	5634	40	926	7632	220	5701	125	1586
55-59	15438	7680	995	5679	76	929	7758	208	5697	243	1610
60-64	15613	7704	970	5714	134	886	7908	212	5599	456	1641
65-69	15393	7485	904	5547	217	817	7908	216	5240	774	1678
70-74	14462	6856	781	5032	315	728	7607	203	4543	1198	1663
75-79	13076	5937	642	4246	422	627	7139	177	3656	1705	1600
80-84	11642	4939	518	3364	530	528	6702	158	2769	2243	1533
85-89	10322	3985	410	2522	622	431	6337	156	1953	2745	1482
90-94	8579	2909	290	1674	634	311	5670	158	1193	2967	1352
95+	14358	3106	281	1375	1139	310	11252	321	859	7510	2561
0-19	49219	25165	25083	81	0	1	24054	23666	379	0	9
20-64	132611	66504	16194	43393	294	6623	66107	7117	46642	955	11393
65+	87832	35217	3826	23761	3879	3751	52615	1389	20214	19142	11869
TOTAL	269661	126885	45103	67235	4173	10375	142776	32172	67235	20097	23271

NOTES: SINGLE MEANS NEVER MARRIED, WHILE MARRIED, WIDOWED, AND DIVORCED REFER TO CURRENT STATUS.
THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 22A. ALTERNATIVE I JULY 1 SOCIAL SECURITY AREA POPULATION AND SELECTED RATIOS

YEAR	POPULATION (IN THOUSANDS)								DEPENDENCY RATIO		DISUNITY RATIO
	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	UNDER 20	20 TO 64	TOTAL	AGED	TOTAL	
								65 AND OVER			
1960	----	----	----	----	188949	73116	98687	17146	.174	.915	----
1965	----	----	----	----	203066	79931	104112	18963	.182	.915	----
1970	----	----	----	----	213792	80637	112500	20655	.184	.900	----
1975	----	----	----	----	223075	77947	122036	23092	.189	.828	----
1980	100525	106965	14179	11000	232668	74045	132731	25892	.195	.753	.091
1985	101886	111490	14123	16153	243653	72544	142471	28638	.201	.710	.129
1990	104180	116912	14184	19849	255125	74692	148834	31599	.212	.714	.151
1995	107274	121657	14296	22774	266001	78055	154233	33712	.219	.725	.168
2000	110999	125613	14418	25098	276127	81414	160063	34651	.216	.725	.179
2005	115072	129850	14558	26990	286470	83580	167312	35578	.213	.712	.187
2010	119464	134560	14801	28664	297488	86178	173139	38171	.220	.718	.192
2015	124144	139160	15264	30173	308741	89789	175977	42975	.244	.754	.195
2020	129074	143133	16042	31467	319715	94000	176948	48767	.276	.807	.198
2025	133970	146568	17121	32562	330220	97720	177582	54917	.309	.860	.199
2030	138719	149930	18330	33535	340514	100879	180157	59479	.330	.890	.199
2035	143523	153512	19408	34447	350891	104208	185911	60772	.327	.887	.199
2040	148550	157454	20138	35315	361457	108086	193160	60211	.312	.871	.199
2045	153813	161860	20468	36171	372312	112347	200747	59218	.295	.855	.198
2050	159237	166880	20525	37093	383735	116557	207264	59915	.289	.851	.198
2055	164786	172606	20541	38168	396101	120567	214037	61497	.287	.851	.198
2060	170511	178931	20739	39435	409616	124619	221831	63166	.285	.847	.198
2065	176472	185602	21212	40855	424141	128972	230389	64780	.281	.841	.198
2070	182663	192438	21898	42356	439355	133616	238768	66970	.280	.840	.198
2075	189027	199427	22674	43893	455022	138360	246781	69881	.283	.844	.198
2080	195530	206651	23472	45467	471120	143092	254985	73043	.286	.848	.198

NOTES: THE AGED DEPENDENCY RATIO IS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE TOTAL DEPENDENCY RATIO IS THE POPULATION UNDER 20 PLUS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE DISUNITY RATIO IS THE DIVORCED POPULATION DIVIDED BY THE MARRIED POPULATION PLUS THE WIDOWED POPULATION.
 THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 22B. ALTERNATIVE II JULY 1 SOCIAL SECURITY AREA POPULATION AND SELECTED RATIOS

YEAR	POPULATION (IN THOUSANDS)								DEPENDENCY RATIO		DISUNITY RATIO
	SINGLE	MARRIED	WIDOWED	DIVORCED	TOTAL	UNDER 20	20 TO 64	TOTAL	AGED	TOTAL	
								65 AND OVER			
1960	----	----	----	----	188949	73116	98687	17146	.174	.915	----
1965	----	----	----	----	203066	79931	104112	18963	.182	.915	----
1970	----	----	----	----	213792	80637	112500	20655	.184	.900	----
1975	----	----	----	----	223075	77947	122036	23092	.189	.828	----
1980	100525	106965	14179	11000	232668	74045	132731	25892	.195	.753	.091
1985	101610	111654	14122	16170	243556	72252	142531	28773	.202	.709	.129
1990	103073	117486	14198	19921	254678	73529	149044	32106	.215	.709	.151
1995	104835	122769	14352	22935	264891	75506	154640	34745	.225	.713	.167
2000	106759	127278	14538	25372	273947	77001	160695	36251	.226	.705	.179
2005	108495	131942	14743	27387	282566	76957	167890	37719	.225	.683	.187
2010	110211	136776	15030	29165	291182	77273	173062	40846	.236	.683	.192
2015	112106	141141	15504	30722	299473	78570	174678	46225	.265	.714	.196
2020	114139	144533	16259	31999	306931	80376	173902	52653	.303	.765	.199
2025	116038	146999	17317	33012	313366	81720	172107	59539	.346	.821	.201
2030	117662	148928	18563	33824	318977	82453	171598	64925	.378	.859	.202
2035	119139	150604	19773	34482	323997	83151	173803	67044	.386	.864	.202
2040	120637	152162	20711	34994	328504	84235	177012	67257	.380	.856	.202
2045	122204	153723	21255	35380	332562	85604	180037	66922	.372	.847	.202
2050	123784	155476	21442	35711	336412	86889	181582	67942	.374	.853	.202
2055	125330	157567	21432	36077	340406	87921	183192	69293	.378	.858	.202
2060	126871	159978	21427	36540	344816	88862	185627	70327	.379	.858	.201
2065	128463	162535	21564	37095	349656	89926	188645	71086	.377	.854	.201
2070	130120	165086	21852	37697	354754	91139	191386	72229	.377	.854	.202
2075	131802	167602	22213	38306	359922	92364	193585	73973	.382	.859	.202
2080	133468	170144	22569	38909	365091	93498	195659	75934	.388	.866	.202

NOTES: THE AGED DEPENDENCY RATIO IS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE TOTAL DEPENDENCY RATIO IS THE POPULATION UNDER 20 PLUS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE DISUNITY RATIO IS THE DIVORCED POPULATION DIVIDED BY THE MARRIED POPULATION PLUS THE WIDOWED POPULATION.
 THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.

TABLE 22C. ALTERNATIVE III JULY 1 SOCIAL SECURITY AREA POPULATION AND SELECTED RATIOS

YEAR	POPULATION (IN THOUSANDS)				TOTAL	POPULATION (IN THOUSANDS)			DEPENDENCY RATIO		DISUNITY RATIO
	SINGLE	MARRIED	WIDOWED	DIVORCED		UNDER 20	20 TO 64	65 AND OVER	AGED	TOTAL	
1960	----	----	----	----	188949	73116	98687	17146	.174	.915	----
1965	----	----	----	----	203066	79931	104112	18963	.182	.915	----
1970	----	----	----	----	213792	80637	112500	20655	.184	.900	----
1975	----	----	----	----	223075	77947	122036	23092	.189	.828	----
1980	100525	106965	14179	11000	232668	74045	132731	25892	.195	.753	.091
1985	101257	111969	14118	16202	243545	71868	142644	29033	.204	.707	.128
1990	101643	118577	14224	20054	254498	71993	149425	33080	.221	.703	.151
1995	101663	124866	14469	23232	264231	72129	155355	36747	.237	.701	.167
2000	101221	130422	14807	25877	272327	71141	161776	39409	.244	.683	.178
2005	99904	135962	15187	28128	279181	68182	168966	42034	.249	.652	.186
2010	98234	141264	15627	30128	285252	65598	173318	46337	.267	.646	.192
2015	96778	145616	16196	31849	290439	64138	173331	52970	.306	.676	.197
2020	95531	148544	16978	33215	294268	63283	170229	60755	.357	.729	.201
2025	94249	150062	18027	34246	296584	62211	165202	69170	.419	.795	.204
2030	92763	150505	19315	34991	297575	60641	160684	76250	.475	.852	.206
2035	91095	150171	20719	35492	297477	58922	158429	80126	.506	.878	.208
2040	89406	149174	22042	35751	296372	57538	156715	82119	.524	.891	.209
2045	87787	147629	23103	35765	294285	56488	154324	83473	.541	.907	.209
2050	86210	145758	23811	35582	291361	55486	150147	85728	.571	.941	.210
2055	84620	143800	24182	35281	287883	54347	146106	87430	.598	.970	.210
2060	83022	141903	24315	34941	284181	53134	142999	88048	.616	.987	.210
2065	81470	140062	24334	34607	280472	52010	140627	87835	.625	.994	.211
2070	80004	138220	24324	34287	276834	51033	138267	87534	.633	1.002	.211
2075	78617	136344	24312	33970	273244	50131	135524	87589	.646	1.016	.211
2080	77275	134469	24270	33646	269661	49219	132611	87832	.662	1.033	.212

NOTES: THE AGED DEPENDENCY RATIO IS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE TOTAL DEPENDENCY RATIO IS THE POPULATION UNDER 20 PLUS THE POPULATION 65 AND OVER DIVIDED BY THE POPULATION 20 TO 64.
 THE DISUNITY RATIO IS THE DIVORCED POPULATION DIVIDED BY THE MARRIED POPULATION PLUS THE WIDOWED POPULATION.
 THE SOCIAL SECURITY AREA IS DESCRIBED ON PAGE 3.
 DATA IGNORED - IN CONTROL MODE

CHART 1.
TOTAL FERTILITY RATE (IN CHILDREN PER WOMAN), 1920-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

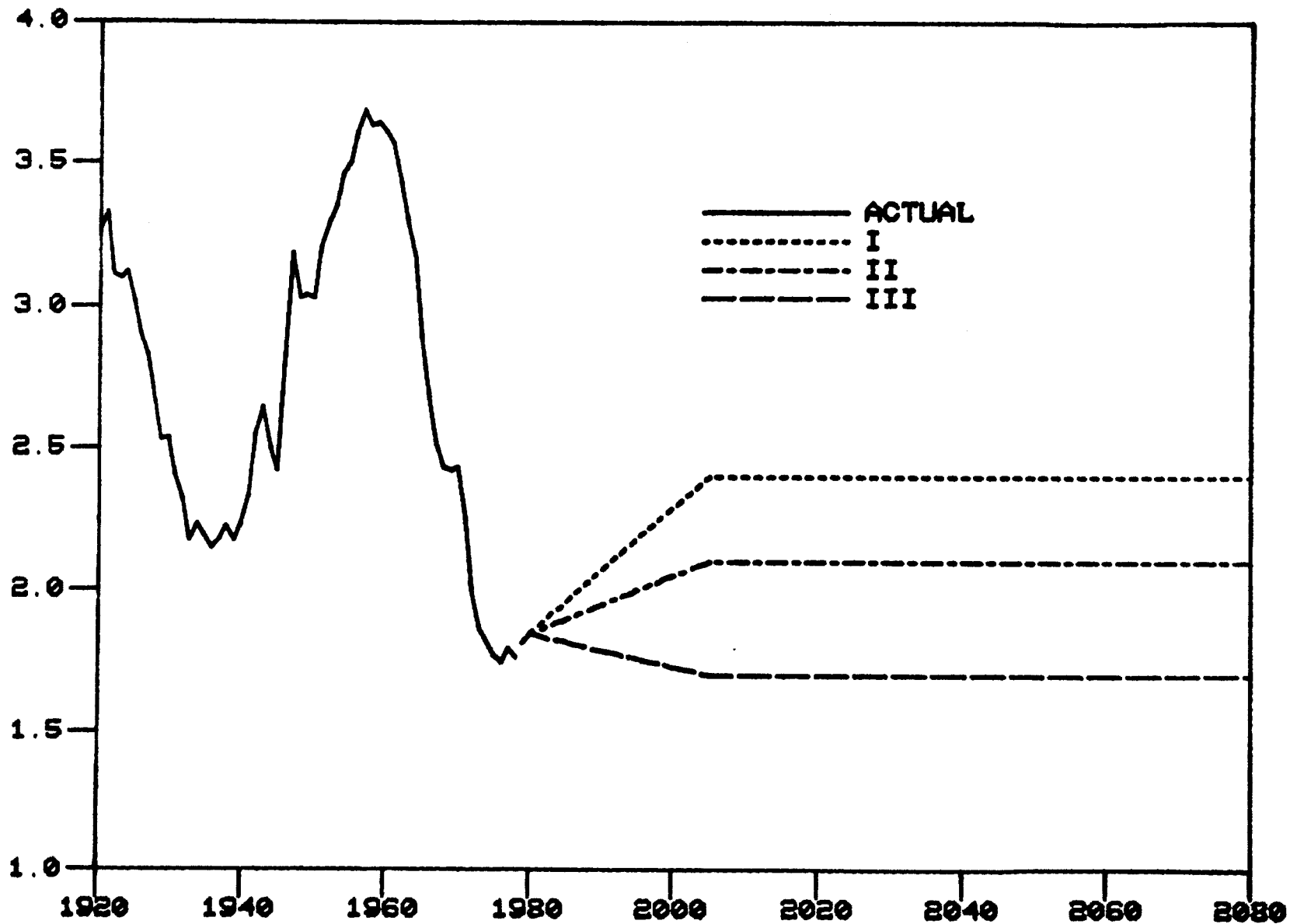


CHART 2A.
MALE LIFE EXPECTANCY (IN YEARS), 1900-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

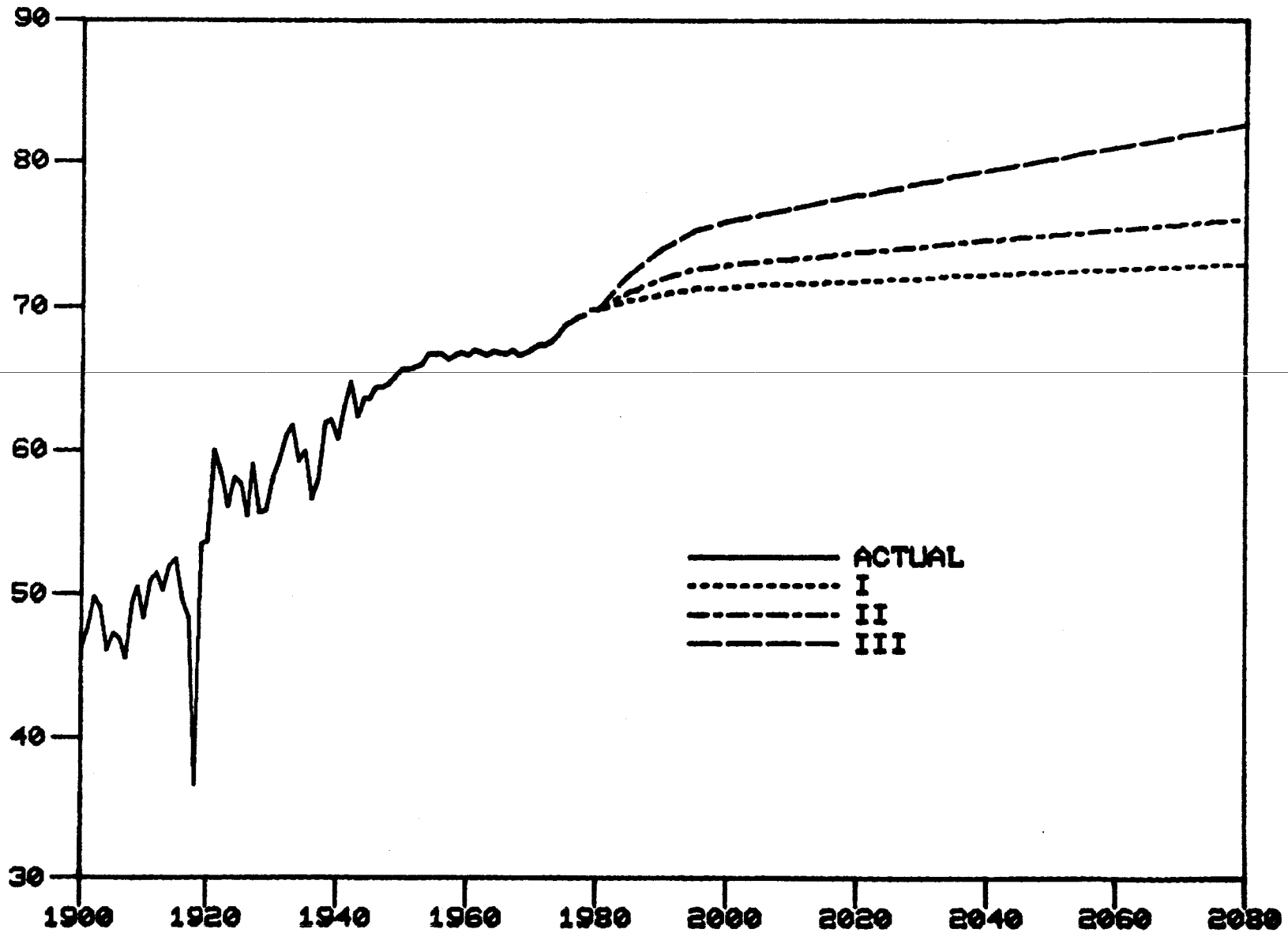


CHART 2B.
FEMALE LIFE EXPECTANCY (IN YEARS): 1900-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

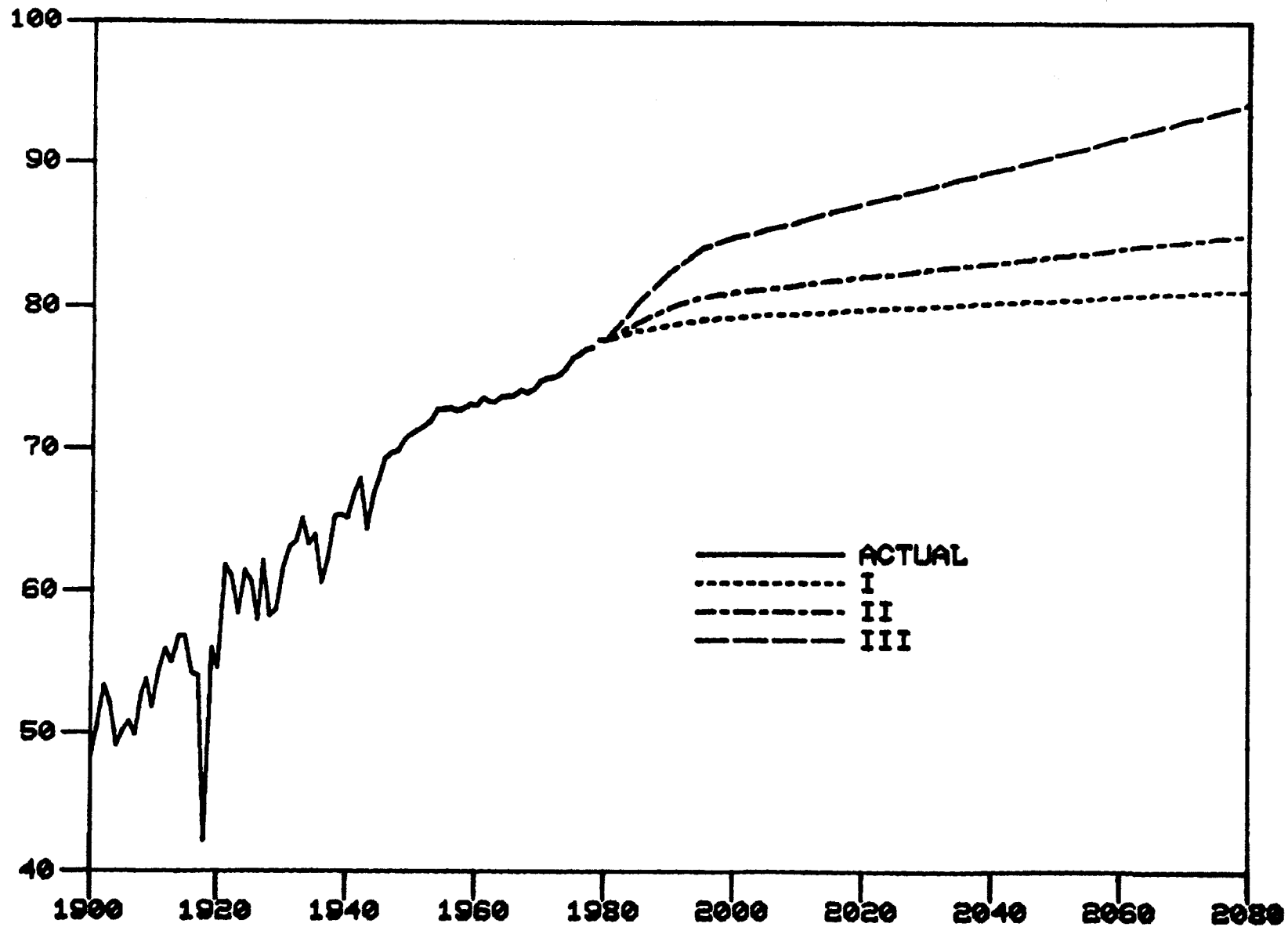


CHART 3.
SOCIAL SECURITY AREA POPULATION (IN MILLIONS), 1960-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

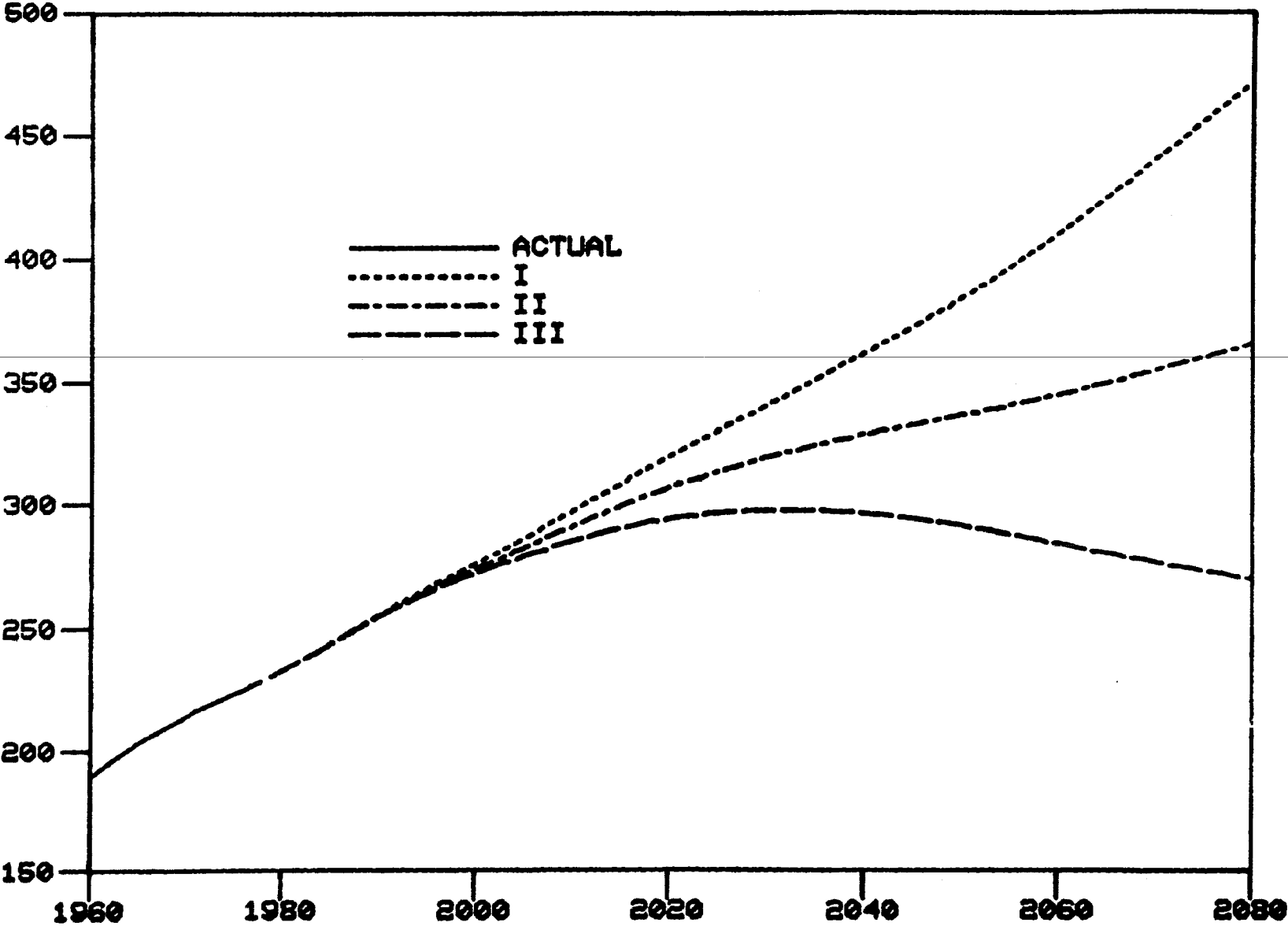


CHART 4.
SOCIAL SECURITY AREA POPULATION AGED 65+ (IN MILLIONS): 1960-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

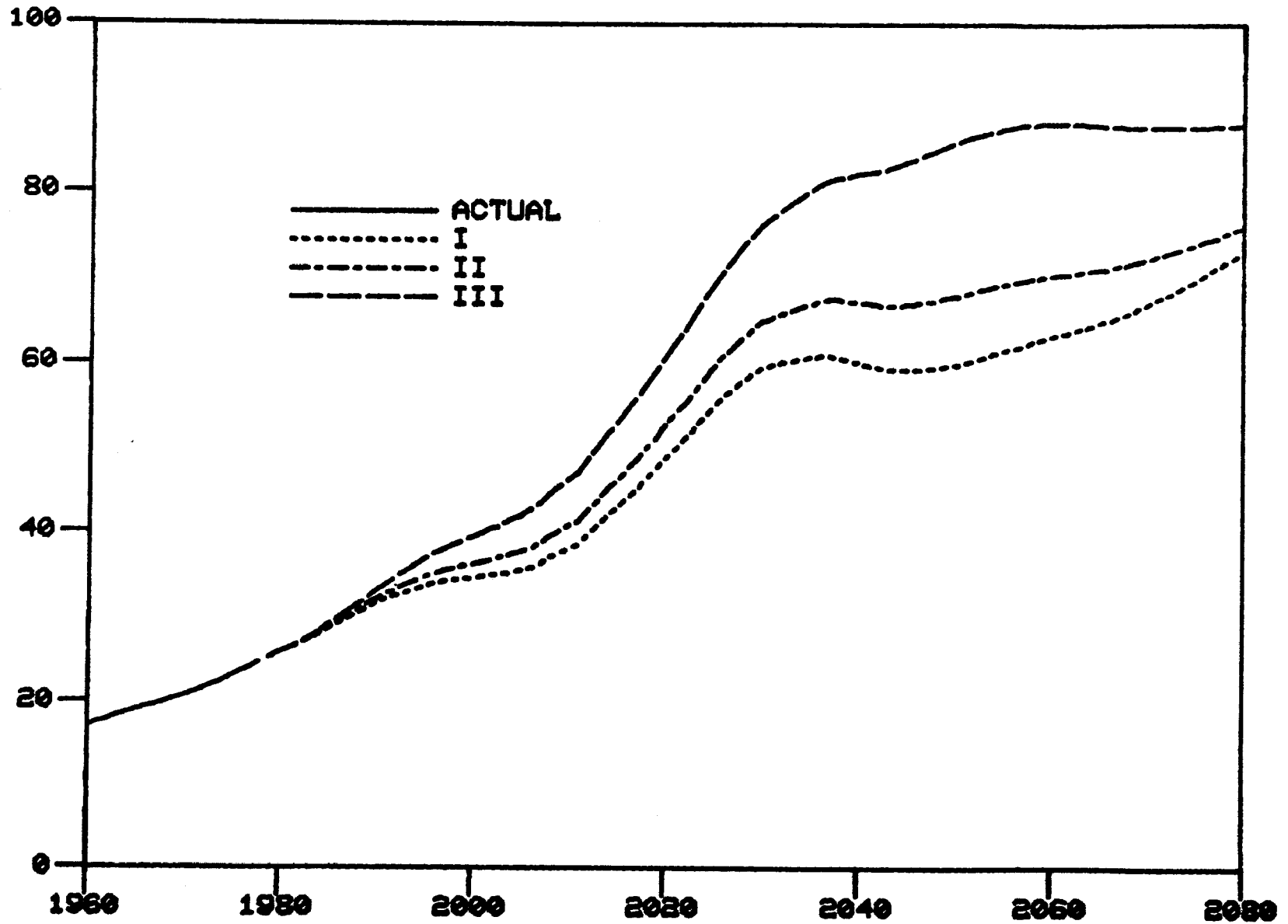


CHART 5.
RATIO OF POPULATION AGED 65+ TO POPULATION AGED 20-64, 1960-2080
ACTUAL AND AS PROJECTED UNDER ALTERNATIVES I, II, AND III

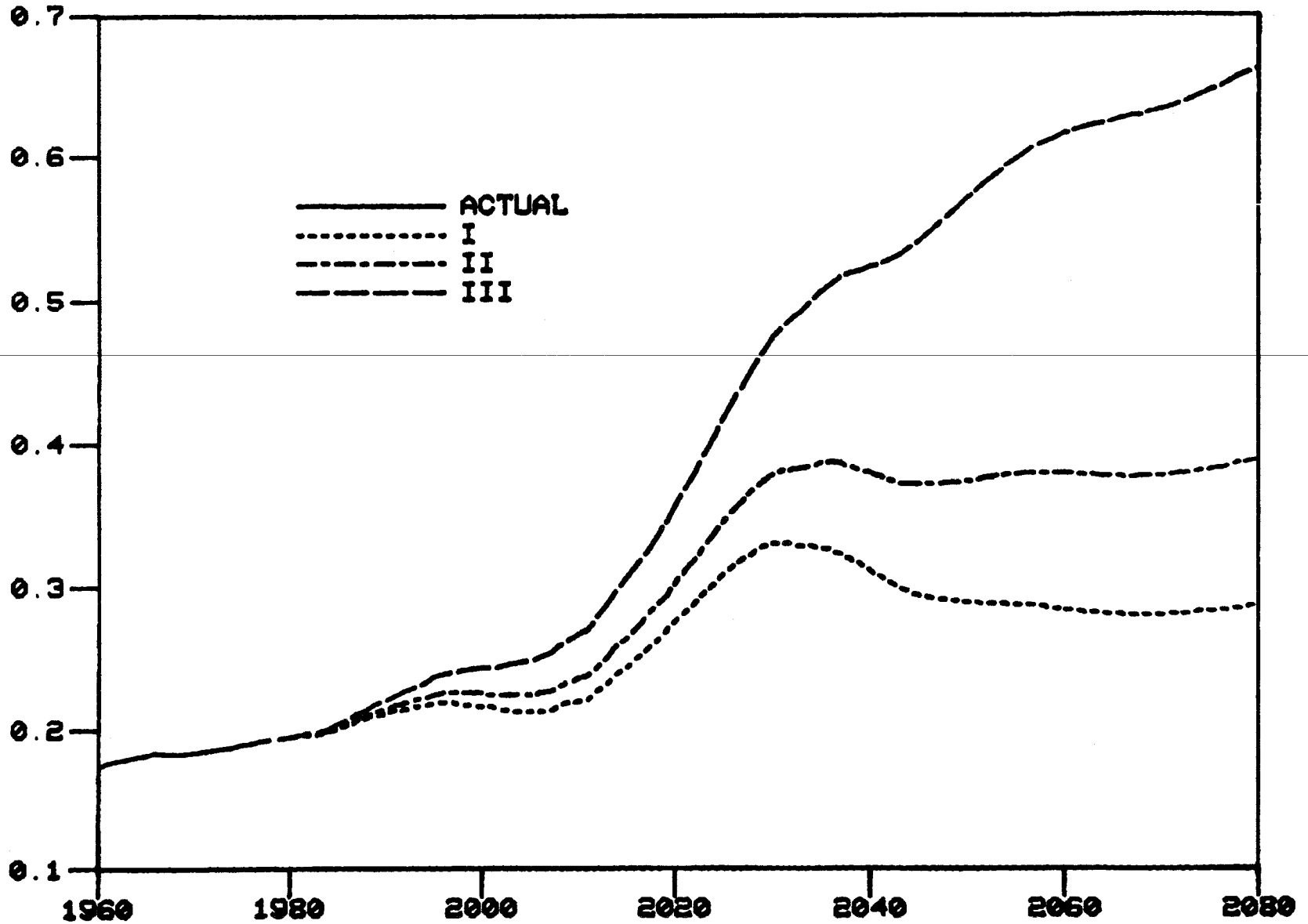
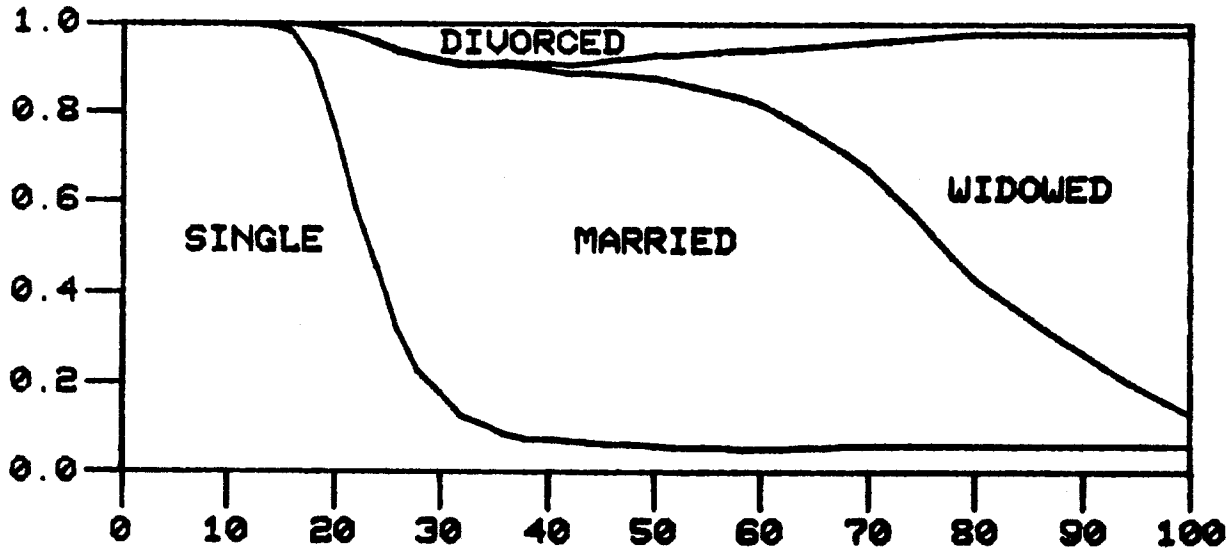
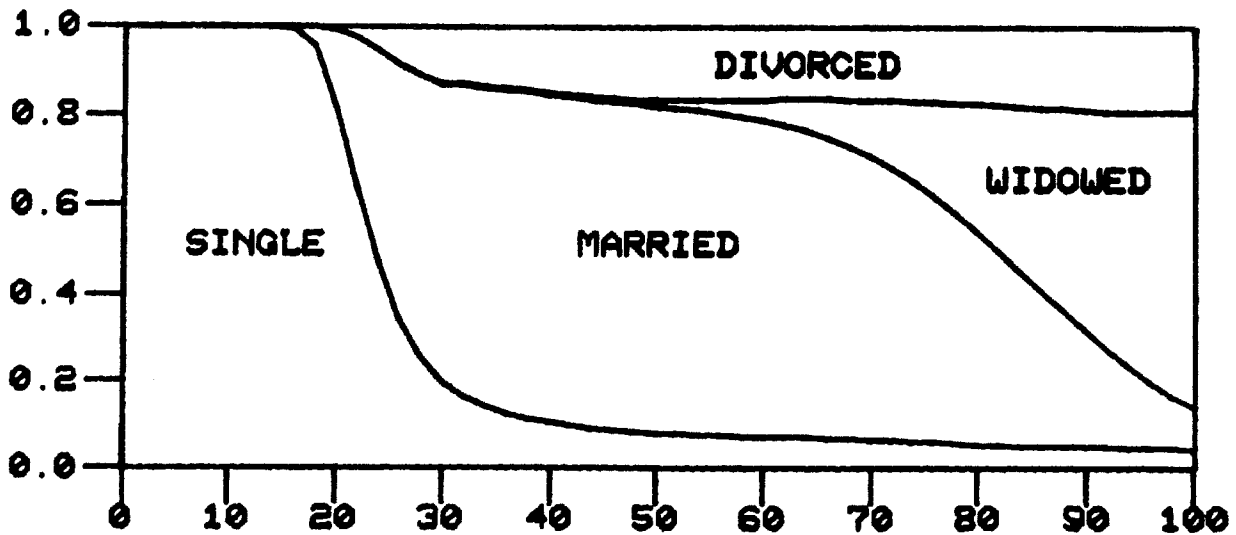


CHART 6.

DISTRIBUTION OF THE TOTAL POPULATION BY MARITAL STATUS, AGES 0-100



JULY 1, 1979



JULY 1, 2080
(ALTERNATIVE II)