

# **Social Security Area Population Projections: 1996**

Actuarial Study No. 110

by Felicitie C. Bell  
Rizie Kumar

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# Social Security Area Population Projections: 1996

## I. Introduction

Actuarial estimates of future income and expenditures of the Old-Age and Survivors Insurance and Disability Insurance (OASDI) program are presented every year to the Congress in the Annual Report of the Board of Trustees. These estimates provide fundamental financial guidelines for the policy making process of the OASDI program.

The initial step in the actuarial estimating process is to project the number of people in the geographical areas covered by OASDI for each of the next 75 years. This study provides details about the population projections used in preparing the actuarial estimates in the 1996 Annual Report of the OASDI Board of Trustees. These population projections were also used in estimating the future financial status of the Hospital Insurance (HI) program as described in the 1996 Annual Report of the HI Board of Trustees.

The population projections described in this study supersede those published in Actuarial Study Number 106, which were used in the preparation of the 1991 Annual Reports. These new projections start from an estimate of the January 1, 1994 population; reflect more recent data on fertility, mortality, immigration, marriage, and divorce; and revise the projections of mortality, fertility, immigration, divorce, and marriage. Considerably more detailed data than are published here are available from the Office of the Chief Actuary, upon request.

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

Alternative II, also referred to as the intermediate projection, is based on the set of assumptions that is thought to be the most likely to occur among the three sets presented. Alternative I is designated as optimistic, or low cost, because it produces the most favorable financial effect for the OASDI program. Similarly, the set of assumptions chosen for Alternative III, designated pessimistic, or high cost, produces the most unfavorable financial effect. Alternatives I and III are designed to give policy makers a sense of the range of variation in the financial projections that might occur if the intermediate assumptions are not realized.

## II. Starting Population

The starting population for the projections was the estimated population in the Social Security Area as of January 1, 1994, by single year of age, sex, and marital status. Table 1 shows this starting population by age group, sex, and marital status.

Because the most complete data were available as of July 1, the population as of January 1, 1994 was interpolated from estimates of the Social Security Area population as of July 1, 1993, and July 1, 1994. For some of the territorial components, the needed estimates were not available as of July 1, 1994. In these cases, the July 1, 1994 population estimates were assumed equal to the latest available estimates that had been prepared after the 1990 census. The territorial components of the Social Security Area and the total estimated population of each component (in thousands) as of the above July 1 dates are as follows:

Component	July 1	
	1993	1994
Residents of the fifty States and D.C. and armed forces overseas	258,124	260,650
Adjustment for net census undercount	4,874	4,897
Civilian residents of Puerto Rico	3,522	3,522
Civilian residents of the Virgin Islands	102	102
Civilian residents of Guam	133	133
Civilian residents of American Samoa, Palau, and Northern Mariana Islands	105	105
Federal civilian employees overseas	60	60
Dependents of Armed Forces and Federal employees overseas	429	429
Crew members of merchant vessels	12	12
Other citizens overseas	525	525
Total	267,886	270,435

The estimates of the number of residents of the fifty States and D.C. and Armed Forces overseas as of the above July 1 dates by sex for single years of age through 84, and for the group aged 85 or older were obtained from the Bureau of the Census. The adjustment for net census undercount was estimated using postcensal survey data from the Bureau of the Census. The numbers of persons in the other components of the Social Security Area as of the above July 1 dates were estimated by sex for single years of age through 84, and for the group aged 85 or older from data of varying detail. The numbers of civilian residents of Puerto Rico, the Virgin Islands, Guam, American Samoa, Palau and the Northern Mariana Islands were estimated from data obtained from the Bureau of the Census. The numbers of Federal civilian employees overseas, dependents of these Federal civilian employees, and dependents of Armed Forces overseas were based on estimates used by the Bureau of Census. The number of crew members of merchant vessels was estimated from data obtained from the Maritime Administration. The number of other citizens overseas covered by Social Security was estimated from data supplied

by the Department of State. The overlap among the components, believed to be small, was ignored.

The July 1, 1993 and July 1, 1994 Social Security Area population estimates by sex for single years of age through age 84, and for the group aged 85 or older were then interpolated to obtain the starting population as of January 1, 1994. Data from the Medicare program was used

to distribute the starting population aged 85 or older into single years of age. 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. 478.

**Table 1. -- January 1, 1994 Population in the Social Security Area by Age Group, Sex, and Marital Status**  
(In thousands)

Age group	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	20,938	10,710	10,710	0	0	0	10,228	10,228	0	0	0
5-9	19,872	10,168	10,168	0	0	0	9,704	9,704	0	0	0
10-14	19,354	9,900	9,900	0	0	0	9,454	9,452	1	0	0
15-19	17,621	9,008	8,885	111	1	11	8,613	8,209	381	8	15
20-24	19,084	9,726	7,609	1,990	4	123	9,358	5,776	3,268	14	299
25-29	20,678	10,538	4,871	5,111	7	550	10,140	2,962	6,365	37	775
30-34	23,348	11,881	3,206	7,660	26	988	11,467	1,820	8,349	95	1,204
35-39	22,609	11,424	1,816	8,258	44	1,305	11,185	1,058	8,422	172	1,533
40-44	19,947	9,988	1,029	7,691	55	1,213	9,959	677	7,530	264	1,488
45-49	16,935	8,428	704	6,640	84	1,000	8,507	490	6,446	340	1,230
50-54	13,450	6,646	423	5,349	125	750	6,804	315	5,181	462	846
55-59	11,208	5,476	347	4,464	142	523	5,733	246	4,101	764	621
60-64	10,459	5,002	320	4,036	244	402	5,457	239	3,635	1,148	435
65-69	10,150	4,670	281	3,715	355	318	5,480	253	3,196	1,677	354
70-74	8,821	3,877	217	2,977	470	213	4,944	253	2,324	2,110	257
75-79	6,567	2,655	140	1,929	491	95	3,912	242	1,243	2,295	132
80-84	4,377	1,546	79	1,025	398	43	2,832	188	610	1,956	78
85-89	2,437	723	37	373	293	19	1,714	114	278	1,275	47
90-94	981	238	12	84	135	6	743	50	81	592	21
95+	304	59	3	10	44	2	245	16	12	210	7
0-19	77,785	39,786	39,663	111	1	11	37,999	37,594	382	8	15
20-64	157,719	79,110	20,326	51,199	731	6,854	78,608	13,583	53,297	3,298	8,431
50-64	35,118	17,125	1,091	13,848	511	1,675	17,993	800	12,917	2,375	1,902
62-64	6,342	3,019	192	2,429	164	234	3,323	146	2,174	754	248
65+	33,637	13,767	769	10,113	2,188	697	19,870	1,115	7,744	10,115	896
20-65	159,825	80,099	20,388	51,990	795	6,926	79,726	13,634	53,987	3,597	8,508
20-66	161,907	81,066	20,447	52,761	864	6,994	80,840	13,584	54,655	3,918	8,583
20-67	163,922	81,991	20,502	53,497	934	7,057	81,930	13,735	55,291	4,252	8,653
20-68	165,909	82,896	20,556	54,215	1,009	7,116	83,014	13,785	55,903	4,605	8,721
20-69	167,869	83,780	20,608	54,914	1,086	7,172	84,089	13,836	56,492	4,975	8,785
66+	31,531	12,778	708	9,322	2,123	625	18,752	1,064	7,054	9,815	818
67+	29,449	11,811	649	8,550	2,055	557	17,638	1,014	6,386	9,495	744
68+	27,434	10,886	593	7,814	1,984	494	16,548	963	5,751	9,161	674
69+	25,446	9,982	540	7,097	1,910	435	15,465	913	5,138	8,808	606
70+	23,487	9,097	488	6,398	1,832	379	14,390	862	4,549	8,437	542
Total	269,141	132,663	60,758	61,423	2,920	7,562	136,477	52,292	61,423	13,420	9,342

The distribution of the number of existing marriages in the starting population by age of husband crossed with age of wife was estimated from data published by the Bureau of the Census in the 1980 Census of Population, Subject Report on Marital Status No. PC80-2-4C. The 1980 census distribution was adjusted to represent January 1, 1994 by an iterative

proration method designed to assure consistency with the previously estimated number of marriages by age and sex in the starting population. Table 2 shows the number of marriages in the starting population by age group of husband crossed with age group of wife.

**Table 2. -- January 1, 1994 Existing Marriages in the Social Security Area by Age of Husband and Wife**

(In thousands)

Age group of husband	Age group of wife															
	Total	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 +
14-19	111	72	31	3	1	1	1	1	1	0	0	0	0	0	0	0
20-24	1,990	246	1,419	259	41	12	5	3	2	1	1	0	0	0	0	0
25-29	5,111	46	1,382	3,050	498	87	25	11	5	2	1	2	1	1	0	0
30-34	7,660	10	315	2,368	4,185	599	127	37	11	4	2	2	1	1	0	0
35-39	8,258	3	81	499	2,829	4,096	575	127	32	8	3	2	1	1	0	0
40-44	7,691	2	25	128	581	2,816	3,472	523	109	24	7	3	1	1	0	0
45-49	6,640	1	8	36	144	578	2,513	2,833	420	75	20	8	3	1	0	0
50-54	5,349	1	3	11	43	147	564	2,097	2,055	319	71	24	8	3	1	1
55-59	4,464	0	2	5	16	50	156	554	1,734	1,535	296	81	26	7	2	1
60-64	4,036	0	1	2	6	21	57	172	548	1,420	1,362	333	87	20	5	2
65-69	3,715	0	1	2	3	9	22	60	178	495	1,300	1,264	300	62	12	7
70-74	2,977	0	0	1	2	4	9	21	61	158	423	1,065	986	195	34	18
75-79	1,929	0	0	1	1	2	3	7	19	45	116	323	703	551	102	57
80-84	1,025	0	0	0	0	0	1	1	4	8	21	57	134	269	323	206
85 +	467	0	0	0	0	0	0	1	2	5	12	32	72	132	131	78
Total	61,423	382	3,268	6,365	8,349	8,422	7,530	6,446	5,181	4,101	3,635	3,196	2,324	1,243	610	371

### III. Analysis and Projection of Components of Population Change

In attempting to estimate net immigration and numbers of births, deaths, marriages, and divorces in future years, it is instructive to review and analyze historical trends. Since the actual numbers of births, deaths, marriages, and divorces depend on the size of the population, it is better to analyze them as rates rather than as absolute numbers. A rate is defined as the ratio of the number of occurrences of an event during a year to the midyear population having the potential to experience the event. Because death rates vary significantly by sex, they are calculated for males and females separately. Because rates of birth, death, marriage, and divorce vary greatly by age, they are calculated on an age-specific basis (each age or age group separately) rather than on a crude basis (all ages combined).

Although calculating the rates on an age-specific basis improves accuracy, it also yields a vast number of figures for each year. Thus, to study trends through time, it becomes helpful, if not necessary, to use a single statistic that summarizes the age-specific rates for each year. A summarizing statistic is described in this section for each component of population change.

#### A. Fertility

Age-specific birth rates are defined as the births during the year to mothers at the specified age divided by the midyear female population at that age. Birth rates for women at each age 14 through 49 were obtained from the National Center for Health Statistics for each year 1917 through 1993. To summarize the fertility experience for a single year, total fertility rates were used. The total fertility rate is a simple sum of the age-specific birth rates applicable during the

year. Thus the total fertility rate can be interpreted as the number of children that would be born to a woman if she were to survive her childbearing years and were to experience those age-specific birth rates throughout her childbearing years. Figure 1 and Table 3 give past and projected total fertility rates by alternative.

**Table 3. -- Total Fertility Rates by Calendar Year and Alternative**

(Per hundred thousand)

Calendar year	Total fertility rate
1917	3,333.3
1918	3,312.2
1919	3,067.7
1920	3,263.3
1921	3,326.2
1922	3,109.4
1923	3,101.2
1924	3,120.7
1925	3,011.6
1926	2,900.7
1927	2,824.3
1928	2,659.8
1929	2,532.0
1930	2,532.5
1931	2,401.7
1932	2,318.6
1933	2,172.0
1934	2,232.0
1935	2,188.7
1936	2,145.6
1937	2,173.3
1938	2,221.7
1939	2,171.7
1940	2,229.0
1941	2,331.5
1942	2,554.8
1943	2,640.2



**Table 3. -- Total Fertility Rates by Calendar Year and Alternative**  
(continued)

Calendar year	Total fertility rate (Per hundred thousand)		
	Alternative I	Alternative II	Alternative III
1944		2,494.5	
1945		2,421.8	
1946		2,857.9	
1947		3,181.2	
1948		3,026.2	
1949		3,036.2	
1950		3,028.0	
1951		3,199.1	
1952		3,286.5	
1953		3,349.4	
1954		3,461.2	
1955		3,498.3	
1956		3,604.7	
1957		3,682.4	
1958		3,628.9	
1959		3,638.2	
1960		3,605.7	
1961		3,563.9	
1962		3,423.3	
1963		3,297.8	
1964		3,170.9	
1965		2,881.6	
1966		2,670.4	
1967		2,525.5	
1968		2,431.0	
1969		2,422.9	
1970		2,431.7	
1971		2,245.4	
1972		1,993.6	
1973		1,862.5	
1974		1,824.4	
1975		1,770.3	
1976		1,744.8	
1977		1,795.0	
1978		1,764.4	
1979		1,816.7	
1980		1,849.0	
1981		1,825.4	
1982		1,834.7	
1983		1,805.3	
1984		1,796.4	
1985		1,839.6	
1986		1,838.8	
1987		1,869.9	
1988		1,925.7	
1989		2,005.8	
1990		2,068.8	
1991		2,066.7	
1992		2,063.6	
1993		2,044.6	
1994		2,043.1	
1995		2,038.7	
1996	2,056.6	2,034.1	2,009.4
1997	2,063.2	2,029.5	1,992.7
1998	2,069.8	2,024.7	1,976.2
1999	2,076.2	2,019.9	1,959.4
2000	2,082.4	2,015.1	1,942.6
2001	2,088.4	2,010.2	1,925.4
2002	2,094.4	2,005.0	1,908.3

**Table 3. -- Total Fertility Rates by Calendar Year and Alternative**  
(continued)

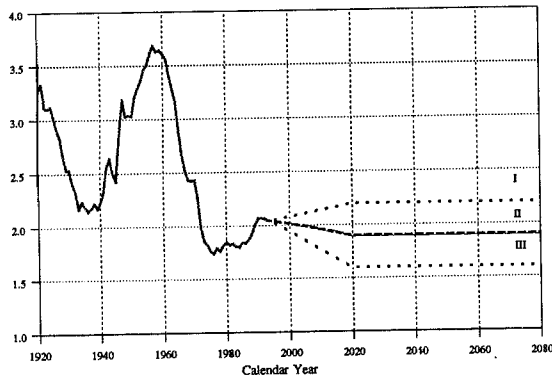
Calendar year	Total fertility rate (Per hundred thousand)		
	Alternative I	Alternative II	Alternative III
2003	2,100.3	1,999.8	1,891.1
2004	2,106.1	1,994.4	1,873.9
2005	2,111.8	1,989.0	1,856.1
2006	2,117.5	1,983.5	1,838.3
2007	2,123.2	1,977.9	1,820.7
2008	2,129.0	1,972.2	1,803.1
2009	2,134.7	1,966.3	1,785.4
2010	2,140.4	1,960.4	1,767.8
2011	2,146.3	1,954.5	1,750.4
2012	2,152.2	1,948.4	1,733.1
2013	2,158.1	1,942.1	1,715.9
2014	2,164.1	1,935.8	1,698.8
2015	2,170.3	1,929.4	1,681.7
2016	2,176.4	1,923.1	1,664.7
2017	2,182.4	1,917.2	1,648.0
2018	2,188.3	1,911.4	1,631.6
2019	2,194.1	1,905.6	1,615.7
2020	2,200.0	1,900.0	1,600.0

As a first step in projecting fertility, it is instructive to examine the recent history of fertility in the United States. During the period 1917 to 1925, the total fertility rate was more than three children per woman. During the period 1924 to 1933 the total fertility rate declined from 3.1 children per woman to 2.2, and then remained level at 2.1 to 2.2 children per woman through 1940. After 1940, the total fertility rate once again began to rise, reaching a peak of 3.7 in 1957. This period of high fertility was followed by a period of declining fertility, reaching a low of 1.74 in 1976. In one decade, from 1962 to 1972, the total fertility rate declined from 3.4 to 2.0 children per woman. The total fertility rate was fairly stable at 1.8 children per woman until 1987, when it started to increase, reaching a high of 2.07 in 1990. The total fertility rate remained stable through 1992, decreasing slightly to 2.04 in 1993. The estimated total fertility rate for 1994 is 2.04.

On average, the ultimate alternative II total fertility rate is expected to be 1.9. The total fertility rate is not expected to return to the high levels of the 1940's, the 1950's, and early 1960's. Several changes in our society have occurred during the past 20 years which have contributed to reducing the number of children being born. Some of these changes are increased availability and use of birth control methods, increased female participation in the labor force, increased prevalence of divorce, increased postponement of marriage and childbearing among young women, and the shift in the perception of the status of children within their families from economic assets to economic liabilities. No significant reversal of these changes is anticipated. The latest birth expectation survey published by the Bureau of the Census in the Current Population Reports, Series P-20, No. 454, shows birth expectations in the neighborhood of 2.0 to 2.1 children per woman. However, when comparing past birth expectation surveys with actual experience, birth

expectations have tended to be higher than the actual number of births. Single women and childless married women who were surveyed have consistently had fewer births than they expected (see, "Assessing Birth Expectations from Current Population Survey: 1971-1981" by Martin O'Connell and Carolyn Rogers in *Demography*, August, 1983). Taking into account all these factors, an ultimate total fertility rate of 1.9 children per woman was selected as the intermediate (alternative II) assumption for the 1996 Report of the Board of Trustees.

Figure 1 - Total Fertility Rate  
(in Children per Woman) 1920-2080  
Actual and Projected by Alternative



To help in selecting ultimate rates for alternatives I and III, an examination of the recent total fertility rates in other nations is useful. A comparison of the total fertility rates for the most recent calendar year prior to 1993 for which data was available as listed in the 1993 United Nations Demographic Yearbook, for the U.S., Canada, and nineteen industrialized countries revealed a range of 2.2 in New Zealand to 1.3 in Italy. Sweden and Ireland, at 2.1,

were the only countries besides New Zealand above the U. S. total fertility rate of 2.0. At or just below the 1.9 TFR selected as the intermediate (alternative II) assumption are Australia, Canada, Finland, France, Norway and the United Kingdom. For reasons already cited, we do not believe that the total fertility rate for the U.S. will return to a level as high as 2.5 for any sustained period, and have selected 2.2 as the optimistic (alternative I) assumption. New Zealand was the only country to have a total fertility rate at or above 2.2. Austria, Belgium, Greece, Italy, Japan, Portugal, Spain, and West Germany, had total fertility rates under 1.6. Therefore, it is plausible that the total fertility rate could be as low as 1.6 children per woman over a long period of time. Thus, we have selected 1.6 as the pessimistic (alternative III) assumption. The ultimate total fertility rate for each alternative was assumed to be first reached in calendar year 2020. The ultimate values selected for the 1996 Trustees Report are lower than those used by the Bureau of the Census in its latest series of population projections, published in *Current Population Reports, Series P-25, No. 1130*. The Bureau of the Census used a range of 1.91 to 2.58, with an intermediate assumption of 2.25.

Total fertility rates for 1994 and 1995 were estimated from provisional data published by the National Center for Health Statistics in *Monthly Vital Statistics Reports, Volumes 43 and 44*. Between 1996 and 2020, the age-specific birth rates were projected separately for each cohort of women such that the completed cohort fertility rate would gradually approach the assumed ultimate total fertility rate. Table 4 gives the assumed age-specific birth rates by alternative for selected calendar years.

Table 4. -- Central Birth Rates by Age, Calendar Year, and Alternative  
(Per thousand women)

Alternative and Age	Calendar year															
	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	2000	2005	2010	2015	2020	
Alternative I :																
14	6.6	7.1	6.5	6.2	7.8	8.0	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
15	19.2	19.4	17.4	16.5	20.6	21.1	20.9	20.8	20.8	20.7	21.4	21.9	22.4	22.9	23.2	23.2
16	38.8	36.4	33.1	31.7	38.0	39.5	38.8	38.8	38.8	38.7	39.4	39.9	40.4	40.9	41.4	41.4
17	66.6	57.3	53.1	51.2	60.1	62.8	61.7	61.1	61.1	60.9	62.3	63.3	64.3	65.3	66.1	66.1
18	98.3	77.5	74.6	72.0	82.5	86.0	85.6	84.4	84.3	84.0	85.5	86.5	87.8	89.3	90.3	90.3
19	126.0	92.7	92.5	88.3	99.1	103.2	103.1	101.9	101.8	101.5	103.6	105.1	106.6	108.1	109.6	109.6
20	147.1	103.4	106.0	100.0	110.2	112.8	113.5	112.3	112.2	111.9	114.0	115.5	117.0	118.5	120.0	120.0
21	159.2	109.7	113.2	105.9	115.1	116.2	115.8	114.9	114.8	114.5	116.6	118.1	119.6	121.6	123.2	123.2
22	167.4	115.1	118.5	110.3	118.6	117.6	118.1	114.0	113.9	113.6	115.7	117.2	118.7	120.5	122.1	122.1
23	171.2	118.8	121.9	113.0	120.4	118.4	116.2	113.0	112.9	112.6	114.7	116.2	117.7	119.4	121.0	121.0
24	170.1	120.7	123.8	115.2	121.7	119.1	116.7	112.9	112.8	112.5	114.7	116.2	117.7	119.3	121.0	121.0
25	163.0	119.2	123.0	115.7	122.3	119.5	117.3	114.4	114.3	114.1	116.4	117.9	119.4	121.0	123.0	123.0
26	153.2	115.2	119.6	114.5	122.1	119.1	117.6	114.9	114.8	114.6	117.0	118.5	120.0	121.5	123.5	123.5
27	140.6	108.1	114.3	110.9	119.7	117.1	116.3	114.2	114.1	113.9	116.4	117.9	119.4	120.9	122.8	122.8
28	126.4	98.2	106.8	106.0	115.5	113.4	113.4	111.8	111.7	111.5	114.0	115.5	117.0	118.5	120.2	120.2
29	111.3	86.4	97.2	98.8	109.1	107.7	107.6	107.4	107.3	107.1	109.7	111.2	112.7	114.2	115.7	115.7
30	96.0	73.1	85.3	89.6	101.2	99.8	100.2	100.2	100.1	99.9	102.4	103.9	105.4	106.9	108.4	108.4
31	82.6	61.2	72.6	79.0	90.7	90.0	90.2	91.0	90.9	90.8	92.7	94.2	95.7	97.2	98.7	98.7
32	70.0	50.6	60.2	68.1	79.7	78.8	79.8	80.4	80.3	80.2	82.1	83.5	84.5	85.5	86.5	86.5
33	60.2	42.1	49.5	57.8	68.9	68.1	69.0	69.9	69.9	69.8	71.5	72.7	73.7	74.7	75.7	75.7
34	51.8	34.9	40.0	47.9	58.4	58.0	58.9	59.7	59.7	59.6	60.9	61.9	62.9	63.9	64.9	64.9

**Table 4. -- Central Birth Rates by Age, Calendar Year, and Alternative**  
(continued)  
(Per thousand women)

Alternative and Age	Calendar year														
	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	2000	2005	2010	2015	2020
<b>Alternative I : (continued)</b>															
35	44.5	28.6	31.5	38.5	48.7	48.9	49.5	50.1	50.1	50.0	51.3	52.3	53.1	53.8	54.3
36	37.7	23.3	24.3	29.9	39.2	39.7	40.2	40.7	40.7	40.6	41.9	42.4	42.9	43.4	43.9
37	31.3	18.7	18.5	22.5	30.5	31.1	31.5	32.2	32.2	32.1	32.8	33.3	33.8	34.3	34.8
38	25.9	15.2	14.0	16.6	22.8	23.5	24.1	24.5	24.5	24.5	25.1	25.6	26.1	26.6	27.1
39	21.0	12.1	10.9	12.0	16.7	17.2	17.8	18.2	18.2	18.2	18.8	19.3	19.8	20.3	20.8
40	15.8	8.9	7.6	8.4	11.7	12.1	12.6	12.7	12.7	12.7	13.3	13.6	13.6	13.6	13.6
41	11.4	6.4	5.3	5.6	7.7	8.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
42	7.8	4.3	3.5	3.4	4.9	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
43	5.0	2.8	2.2	2.0	2.7	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44	3.1	1.6	1.2	1.2	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
45	1.7	1.0	.7	.8	.6	.6	.6	.9	.9	.9	.9	.9	.9	.9	.9
46	.8	.2	.1	.1	.1	.1	.2	.4	.4	.4	.4	.4	.4	.4	.4
47	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
<b>Alternative II :</b>															
14	6.6	7.1	6.5	6.2	7.8	8.0	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
15	19.2	19.4	17.4	16.5	20.6	21.1	20.9	20.8	20.8	20.7	20.2	19.7	19.2	18.7	18.4
16	38.8	36.4	33.1	31.7	38.0	39.5	38.8	38.8	38.8	38.7	38.2	37.7	37.2	36.7	36.2
17	66.6	57.3	53.1	51.2	60.1	62.8	61.7	61.1	61.1	60.9	59.9	58.9	57.9	56.9	56.1
18	98.3	77.5	74.6	72.0	82.5	86.0	85.6	84.4	84.3	84.0	82.5	81.0	79.5	78.0	76.9
19	126.0	92.7	92.5	88.3	99.1	103.2	103.1	101.9	101.8	101.5	100.0	98.5	97.0	95.5	94.0
20	147.1	103.4	106.0	100.0	110.2	112.8	113.5	112.3	112.2	111.9	110.4	108.9	107.1	105.3	103.8
21	159.2	109.7	113.2	105.9	115.1	116.2	115.8	114.9	114.8	114.5	112.9	111.4	109.5	107.5	105.8
22	167.4	115.1	118.5	110.3	118.6	117.6	118.1	114.0	113.9	113.6	112.1	110.6	108.9	106.9	105.3
23	171.2	118.8	121.9	113.0	120.4	118.4	116.2	113.0	112.9	112.6	111.1	109.6	108.1	106.2	104.7
24	170.1	120.7	123.8	115.2	121.7	119.1	116.7	112.9	112.8	112.5	111.0	109.5	108.0	106.3	104.7
25	163.0	119.2	123.0	115.7	122.3	119.5	117.3	114.4	114.3	114.1	112.6	111.1	109.6	107.8	105.9
26	153.2	115.2	119.6	114.5	122.1	119.1	117.6	114.9	114.8	114.6	113.2	111.7	110.2	108.4	106.4
27	140.6	108.1	114.3	110.9	119.7	117.1	116.3	114.2	114.1	113.9	112.6	111.1	109.6	108.0	106.1
28	126.4	98.2	106.8	106.0	115.5	113.4	113.4	111.8	111.7	111.5	110.4	108.9	107.4	105.9	104.4
29	111.3	86.4	97.2	98.8	109.1	107.7	107.6	107.4	107.3	107.1	106.1	104.6	103.1	101.6	100.1
30	96.0	73.1	85.3	89.6	101.2	99.8	100.2	100.2	100.1	99.9	98.9	97.5	96.0	94.5	93.0
31	82.6	61.2	72.6	79.0	90.7	90.0	90.2	91.0	90.9	90.8	90.0	88.8	87.3	85.8	84.3
32	70.0	50.6	60.2	68.1	79.7	78.8	79.8	80.4	80.3	80.2	79.7	78.8	77.8	76.8	75.8
33	60.2	42.1	49.5	57.8	68.9	68.1	69.0	69.9	69.9	69.8	69.3	68.6	67.6	66.6	65.6
34	51.8	34.9	40.0	47.9	58.4	58.0	58.9	59.7	59.7	59.6	59.1	58.6	57.6	56.6	55.6
35	44.5	28.6	31.5	38.5	48.7	48.9	49.5	50.1	50.1	50.0	49.5	49.0	48.5	48.0	47.5
36	37.7	23.3	24.3	29.9	39.2	39.7	40.2	40.7	40.7	40.6	40.1	39.6	39.1	38.6	38.1
37	31.3	18.7	18.5	22.5	30.5	31.1	31.5	32.2	32.2	32.1	31.7	31.3	30.8	30.3	29.8
38	25.9	15.2	14.0	16.6	22.8	23.5	24.1	24.5	24.5	24.5	24.5	24.5	24.3	23.8	23.3
39	21.0	12.1	10.9	12.0	16.7	17.2	17.8	18.2	18.2	18.2	18.2	18.2	18.2	17.8	17.3
40	15.8	8.9	7.6	8.4	11.7	12.1	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
41	11.4	6.4	5.3	5.6	7.7	8.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
42	7.8	4.3	3.5	3.4	4.9	5.0	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
43	5.0	2.8	2.2	2.0	2.7	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44	3.1	1.6	1.2	1.2	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
45	1.7	1.0	.7	.8	.6	.6	.6	.9	.9	.9	.9	.9	.9	.9	.9
46	.8	.2	.1	.1	.1	.1	.2	.4	.4	.4	.4	.4	.4	.4	.4
47	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
<b>Alternative III :</b>															
14	6.6	7.1	6.5	6.2	7.8	8.0	7.9	8.0	8.0	8.0	7.4	6.9	6.4	5.9	5.8
15	19.2	19.4	17.4	16.5	20.6	21.1	20.9	20.8	20.8	20.7	19.6	18.6	17.6	16.6	16.1
16	38.8	36.4	33.1	31.7	38.0	39.5	38.8	38.8	38.8	38.7	36.4	34.5	32.5	31.0	29.8
17	66.6	57.3	53.1	51.2	60.1	62.8	61.7	61.1	61.1	60.9	57.5	54.8	51.8	49.2	47.2

**Table 4. -- Central Birth Rates by Age, Calendar Year, and Alternative**  
(continued)  
(Per thousand women)

Alternative and Age	Calendar year														
	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	2000	2005	2010	2015	2020
Alternative III : (continued)															
18	98.3	77.5	74.6	72.0	82.5	86.0	85.6	84.4	84.3	84.0	79.5	75.5	71.5	67.8	64.7
19	126.0	92.7	92.5	88.3	99.1	103.2	103.1	101.9	101.8	101.5	96.3	91.8	87.3	82.8	78.9
20	147.1	103.4	106.0	100.0	110.2	112.8	113.5	112.3	112.2	111.9	106.1	101.1	96.1	91.1	86.6
21	159.2	109.7	113.2	105.9	115.1	116.2	115.8	114.9	114.8	114.5	108.5	103.5	98.5	93.5	88.7
22	167.4	115.1	118.5	110.3	118.6	117.6	118.1	114.0	113.9	113.6	107.9	102.9	97.9	92.9	88.1
23	171.2	118.8	121.9	113.0	120.4	118.4	116.2	113.0	112.9	112.6	106.9	101.9	96.9	91.9	87.1
24	170.1	120.7	123.8	115.2	121.7	119.1	116.7	112.9	112.8	112.5	106.9	101.9	96.9	91.9	87.0
25	163.0	119.2	123.0	115.7	122.3	119.5	117.3	114.4	114.3	114.1	108.5	103.5	98.5	93.5	88.5
26	153.2	115.2	119.6	114.5	122.1	119.1	117.6	114.9	114.8	114.6	109.2	104.2	99.2	94.2	89.2
27	140.6	108.1	114.3	110.9	119.7	117.1	116.3	114.2	114.1	113.9	108.7	103.7	98.8	94.3	89.3
28	126.4	98.2	106.8	106.0	115.5	113.4	113.4	111.8	111.7	111.5	106.7	101.7	97.1	92.6	88.1
29	111.3	86.4	97.2	98.8	109.1	107.7	107.6	107.4	107.3	107.1	102.5	98.0	93.5	89.0	84.5
30	96.0	73.1	85.3	89.6	101.2	99.8	100.2	100.2	100.1	99.9	95.9	91.6	87.5	83.5	79.5
31	82.6	61.2	72.6	79.0	90.7	90.0	90.2	91.0	90.9	90.8	87.3	83.6	79.6	76.1	72.6
32	70.0	50.6	60.2	68.1	79.7	78.8	79.8	80.4	80.3	80.2	76.9	73.8	70.3	67.1	64.1
33	60.2	42.1	49.5	57.8	68.9	68.1	69.0	69.9	69.9	69.8	66.9	64.3	61.3	58.3	55.4
34	51.8	34.9	40.0	47.9	58.4	58.0	58.9	59.7	59.7	59.6	57.2	55.1	52.6	50.1	47.6
35	44.5	28.6	31.5	38.5	48.7	48.9	49.5	50.1	50.1	50.0	48.0	46.4	44.4	42.4	40.4
36	37.7	23.3	24.3	29.9	39.2	39.7	40.2	40.7	40.7	40.6	38.9	37.4	35.9	34.4	32.9
37	31.3	18.7	18.5	22.5	30.5	31.1	31.5	32.2	32.2	32.1	30.8	29.8	28.6	27.1	25.9
38	25.9	15.2	14.0	16.6	22.8	23.5	24.1	24.5	24.5	24.5	23.3	22.3	21.3	20.3	19.3
39	21.0	12.1	10.9	12.0	16.7	17.2	17.8	18.2	18.2	18.2	17.4	16.9	16.4	15.8	15.3
40	15.8	8.9	7.6	8.4	11.7	12.1	12.6	12.7	12.7	12.7	12.1	11.6	11.1	10.6	10.1
41	11.4	6.4	5.3	5.6	7.7	8.0	8.6	8.6	8.6	8.6	8.0	7.5	7.0	6.5	6.0
42	7.8	4.3	3.5	3.4	4.9	5.0	5.3	5.5	5.5	5.5	5.2	5.2	5.2	5.2	5.2
43	5.0	2.8	2.2	2.0	2.7	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
44	3.1	1.6	1.2	1.2	1.5	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
45	1.7	1.0	.7	.8	.6	.6	.6	.9	.9	.9	.9	.9	.9	.9	.9
46	.8	.2	.1	.1	.1	.1	.2	.4	.4	.4	.4	.4	.4	.4	.4
47	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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

## B. Mortality

Death rates (generally referred to as central death rates) are defined as the number of deaths during the year divided by the midyear population. These rates were calculated by sex on an age-specific basis for each year 1900 through 1991. To summarize the mortality experience of a single year and to control for changes in the age distribution of the population from year to year, age-adjusted death rates (as shown in Table 5) were calculated as a weighted average of the age-specific death rates. The weights used were the numbers of people in the corresponding age groups of the 1980 U.S. census population. Thus, if the age-adjusted death rate for a particular year and sex is multiplied by the 1980 U.S. census population, the result gives the number of deaths that would have occurred in 1980 for the U.S. census population if the age-specific death rates for that particular year and sex had been experienced. The age-adjusted death rate is, therefore, equivalent to the crude death rate that would have been experienced in the 1980 U.S. census population.

**Table 5. -- Age-Adjusted Central Death Rates by Sex, Calendar Year, and Alternative**  
(Per hundred thousand)

Calendar Year	Male	Female
1900	2,415.5	2,198.6
1901	2,379.5	2,133.0
1902	2,240.4	1,971.0
1903	2,293.4	2,041.5
1904	2,420.7	2,140.7
1905	2,336.4	2,072.4
1906	2,335.3	2,036.1
1907	2,423.4	2,101.7
1908	2,213.1	1,953.1
1909	2,164.5	1,902.9
1910	2,250.0	1,975.7
1911	2,167.2	1,915.4
1912	2,141.4	1,870.7
1913	2,148.9	1,864.7
1914	2,090.8	1,824.1
1915	2,097.4	1,847.4
1916	2,174.3	1,901.3
1917	2,195.8	1,901.4
1918	2,507.8	2,175.3

**Table 5. -- Age-Adjusted Central Death Rates by Sex, Calendar Year, and Alternative**  
(continued) (Per hundred thousand)

Calendar Year	Male	Female
1919	1,946.8	1,784.1
1920	1,997.0	1,866.0
1921	1,817.2	1,681.6
1922	1,908.1	1,740.8
1923	1,990.4	1,811.6
1924	1,917.7	1,703.8
1925	1,941.9	1,726.2
1926	2,012.1	1,788.0
1927	1,882.7	1,644.6
1928	2,006.0	1,751.6
1929	1,977.8	1,712.7
1930	1,866.1	1,592.7
1931	1,825.1	1,541.9
1932	1,807.4	1,546.7
1933	1,781.2	1,495.9
1934	1,829.0	1,514.3
1935	1,800.8	1,482.9
1936	1,897.8	1,555.4
1937	1,832.8	1,482.7
1938	1,709.0	1,398.3
1939	1,707.9	1,391.6
1940	1,728.8	1,378.4
1941	1,672.4	1,307.0
1942	1,621.7	1,255.7
1943	1,681.0	1,302.8
1944	1,611.8	1,236.7
1945	1,586.6	1,189.8
1946	1,519.3	1,158.6
1947	1,524.8	1,141.9
1948	1,504.1	1,108.5
1949	1,466.9	1,070.8
1950	1,455.4	1,046.7
1951	1,447.2	1,032.9
1952	1,424.3	1,010.3
1953	1,421.3	995.4
1954	1,353.2	940.8
1955	1,371.1	947.8
1956	1,378.6	942.2
1957	1,405.2	956.2
1958	1,393.4	943.4
1959	1,374.6	920.5
1960	1,396.5	921.6
1961	1,365.0	896.2
1962	1,392.5	909.1
1963	1,425.2	916.3
1964	1,386.9	885.7
1965	1,399.4	879.3
1966	1,408.9	877.9
1967	1,381.5	849.8
1968	1,421.3	854.4
1969	1,385.5	825.2
1970	1,359.5	803.6
1971	1,349.5	796.7
1972	1,352.4	788.7
1973	1,334.7	774.7
1974	1,279.7	743.2
1975	1,237.5	709.1
1976	1,223.3	702.0
1977	1,194.8	679.9
1978	1,185.8	677.0

**Table 5. -- Age-Adjusted Central Death Rates by Sex, Calendar Year, and Alternative**  
(continued) (Per hundred thousand)

Calendar Year	Male	Female
1979	1,151.1	653.4
1980	1,165.3	668.2
1981	1,132.6	650.5
1982	1,097.5	632.8
1983	1,106.5	640.8
1984	1,095.4	638.0
1985	1,098.8	639.2
1986	1,086.8	635.3
1987	1,072.3	630.8
1988	1,085.6	637.1
1989	1,055.2	623.3
1990	1,036.9	610.8
1991	1,022.1	604.0
1992	1,007.2	591.2
1993	1,025.6	610.8
1994	1,007.4	608.3

	Alternative I		Alternative II		Alternative III	
	Male	Female	Male	Female	Male	Female
1995	985.2	597.6	997.4	596.3	1002.4	593.7
1996	982.8	597.4	988.9	591.5	990.1	584.8
1997	980.6	597.4	980.4	586.9	978.4	576.4
1998	978.5	597.6	971.8	582.5	966.9	568.5
1999	976.8	597.9	964.1	578.4	960.3	561.8
2000	975.1	598.3	955.9	574.4	952.4	555.3
2005	968.8	601.8	913.3	556.8	883.2	521.0
2010	960.9	601.6	881.6	542.5	814.0	491.3
2015	949.1	595.3	855.6	527.6	765.6	465.3
2020	936.7	587.8	831.1	512.7	726.4	441.1
2025	924.6	580.4	807.8	498.3	691.5	418.7
2030	913.0	573.3	785.7	484.7	658.8	397.7
2035	901.8	566.4	764.6	471.7	628.1	378.0
2040	891.0	559.8	744.6	459.4	599.0	359.4
2045	880.5	553.4	725.5	447.6	571.4	342.0
2050	870.3	547.2	707.3	436.5	545.3	325.6
2055	860.5	541.2	690.0	425.8	520.7	310.2
2060	851.0	535.4	673.5	415.6	497.4	295.7
2065	841.7	529.8	657.6	405.9	475.5	282.0
2070	832.8	524.4	642.5	396.6	454.7	269.2
2075	824.1	519.1	628.1	387.7	435.2	257.1
2080	815.7	514.0	614.2	379.1	416.7	245.7

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

An examination of the age-adjusted death rates since 1900 reveals several distinct periods of mortality reduction. During the period 1900 to 1936, annual mortality reduction averaged about 0.8 percent for males and 0.9 percent for females. Following this was a period of rapid reduction, 1936 to 1954, in which mortality decreased an average of 1.6 percent per year for males and 2.5 percent for females. The period 1954 to 1968 saw an actual increase for males of 0.2 percent per year and a much slower reduction of 0.8 percent per year for females. From 1968 through 1982 rapid reduction in mortality resumed, averaging 1.8 percent for males and 2.1 percent for females, annually. From 1982 to 1991, mortality rates of improvement slowed again,

decreasing an average of 0.8 percent for males and 0.5 percent for females. These rates are shown in the following table by sex and age group.

**Historical Average Annual Percentage Reductions  
in Age-adjusted Central Death Rates**

Age and Sex	1900-36	1936-54	1954-68	1968-82	1982-91	1900-91
<b>Male :</b>						
0-14	2.89	4.74	1.66	4.37	2.04	3.21
15-64	.98	1.80	-.19	2.20	.72	1.13
65-84	.20	1.14	-.14	1.47	1.18	.63
85+	.22	1.21	-.89	1.55	-.38	.40
Total	.81	1.60	-.19	1.80	.80	.97
<b>Female :</b>						
0-14	3.11	5.01	1.72	4.17	2.00	3.33
15-64	1.17	3.56	.60	2.11	.61	1.65
65-84	.36	2.07	1.07	1.99	.61	1.09
85+	.23	1.21	.13	2.06	.05	.68
Total	.95	2.54	.79	2.13	.54	1.38

Provisional statistics for 1992 and 1993 indicate a continuation of this slower trend in mortality rate reduction. Improvements in mortality rates, which have definite cyclical trends of fast or slow improvement, affect all age groups during a period in a similar manner.

Age-sex-adjusted death rates are often calculated when one is interested in summarizing death rates for both sexes combined. Age-sex-adjusted death rates (as shown in Table 6) were calculated as a weighted average of the age-sex-specific death rates, where each weight was the number of people in the corresponding age and sex group of the 1980 U.S. census population.

**Table 6. -- Age-Sex-Adjusted Central Death Rates by  
Calendar Year and Alternative**  
(Per hundred thousand)

Calendar year	Age-sex-adjusted death rate
1900	2,295.5
1901	2,243.9
1902	2,090.0
1903	2,154.0
1904	2,265.0
1905	2,190.4
1906	2,172.2
1907	2,249.5
1908	2,072.0
1909	2,021.3
1910	2,101.2
1911	2,030.6
1912	1,994.5
1913	1,994.9
1914	1,945.4
1915	1,960.6
1916	2,026.1
1917	2,035.5
1918	2,328.9
1919	1,856.7
1920	1,923.8

**Table 6. -- Age-Sex-Adjusted Central Death Rates by  
(continued) Calendar Year and Alternative**  
(Per hundred thousand)

Calendar year	Age-sex-adjusted death rate
1921	1,742.6
1922	1,816.5
1923	1,893.1
1924	1,799.7
1925	1,822.6
1926	1,888.3
1927	1,750.0
1928	1,864.9
1929	1,830.5
1930	1,713.7
1931	1,666.3
1932	1,661.3
1933	1,621.0
1934	1,653.0
1935	1,622.9
1936	1,707.0
1937	1,637.2
1938	1,535.5
1939	1,531.0
1940	1,532.8
1941	1,467.1
1942	1,417.2
1943	1,469.3
1944	1,403.5
1945	1,366.4
1946	1,318.5
1947	1,310.2
1948	1,282.2
1949	1,244.7
1950	1,225.3
1951	1,214.9
1952	1,193.2
1953	1,183.1
1954	1,122.6
1955	1,134.2
1956	1,133.8
1957	1,153.1
1958	1,140.3
1959	1,119.2
1960	1,128.6
1961	1,099.9
1962	1,118.5
1963	1,135.9
1964	1,102.7
1965	1,103.6
1966	1,107.2
1967	1,079.0
1968	1,097.7
1969	1,065.7
1970	1,041.8
1971	1,033.0
1972	1,029.4
1973	1,013.5
1974	972.1
1975	934.0
1976	923.2
1977	898.0
1978	892.4
1979	864.2
1980	878.1

**Table 6. -- Age-Sex-Adjusted Central Death Rates by Calendar Year and Alternative**  
(continued) (Per hundred thousand)

Calendar year	Age-sex-adjusted death rate		
1981			853.8
1982			828.5
1983			836.1
1984			829.6
1985			831.8
1986			824.8
1987			816.1
1988			824.5
1989			804.1
1990			789.0
1991			778.8
1992			764.3
1993			784.2
1994			775.9
	Alternative I	Alternative II	Alternative III
1995	758.4	763.8	765.0
1996	756.4	757.0	754.3
1997	754.5	750.2	744.2
1998	752.9	743.6	734.3
1999	751.4	737.6	727.6
2000	750.1	731.3	720.2
2005	745.1	700.5	668.2
2010	739.0	677.3	619.3
2015	729.7	657.4	583.3
2020	720.0	638.4	553.0
2025	710.6	620.4	525.6
2030	701.5	603.2	500.1
2035	692.8	587.0	476.0
2040	684.4	571.5	453.3
2045	676.2	556.7	431.9
2050	668.4	542.7	411.7
2055	660.7	529.3	392.6
2060	653.4	516.5	374.6
2065	646.2	504.3	357.7
2070	639.3	492.6	341.8
2075	632.6	481.4	326.7
2080	626.0	470.8	312.6

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

Past reduction in mortality has varied greatly by cause of death. Because it is expected that future reduction in mortality rates will also vary greatly by cause of death, death rates for the years 1968 through 1991 were calculated and analyzed by age group and sex for ten groups of causes of death (based on the Ninth Revision of the International List of Diseases and Causes of Death code numbers). These groups of causes of death are as follows:

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

For the years 1968-1991, death rates for ages under 65 by age group, sex, and cause of death were calculated using the numbers of deaths as tabulated in Vital Statistics of the United States and using the latest census estimates of the resident population as published in the P-25 Series of Current Population Reports. For the years 1968 through 1978, an adjustment was made to the distribution of the numbers of deaths among the ten causes. This adjustment was needed in order to reflect the revision in the cause of death coding that occurred in 1979, thereby making the data for the years 1968 through 1978 more comparable with the coding used for the years 1979 and later. The adjustments were based on comparability ratios published by the National Center for Health Statistics in *Monthly Vital Statistics Report*, Volume 28, Number 11. For the ages 65 and over, records of the Medicare program were used to determine rates by age and sex. The numbers of deaths by cause in Vital Statistics of the United States were used to distribute the age-sex specific death rates for ages over 65 into age-sex-cause specific death rates. A detailed analysis of Medicare mortality statistics and a comparison to the statistics provided by the National Center for Health Statistics is contained in "Recent Trends in the Mortality of the Aged" by John C. Wilkin in the *Transactions of the Society of Actuaries*, Volume XXXIII, 1981.

Average annual reductions in mortality were determined for the period 1968-1991 by age group, sex, and cause of death. The values, shown in Table 7, were calculated as the complement of the exponential of the slope of the least-squares line through the logarithms of the death rates. The sharpest reductions were in the categories of Congenital Malformations and Diseases of Early Infancy and Vascular Disease, averaging 4.1 and 4.3 percent, respectively, per year. Averaging 2 to 2.5 percent average reduction per year, were Heart Diseases and Cirrhosis of the Liver. Violence averaged 1.9 percent reduction per year. Diabetes Mellitus and Digestive Diseases averaged 1.2 percent reduction per year. The categories of Cancer and of Respiratory Disease and the residual group of other Causes (excluding AIDS) averaged an increase of about 0.5 to 1.1 percent per year.

**Table 7. -- Average Annual Percentage Reductions in Central Death Rates During 1968 - 1991  
by Age Group, Sex, and Cause of Death**

Sex and age group	Total*	Cause of death									
		Heart disease	Cancer	Vascular disease	Violence	Respiratory disease	Infancy	Digestive disease	Diabetes mellitus	Cirrhosis (liver)	Other**
<b>Male:</b>											
0 .....	3.89	-2.06	3.15	1.16	4.19	9.70	4.59	6.16	5.20	4.37	-1.84
1-4 .....	2.82	-1.14	3.68	5.76	2.55	7.22	1.91	1.07	6.12	7.46	2.72
5-9 .....	3.32	.11	3.70	6.79	3.32	5.24	3.26	3.73	4.44	7.99	3.01
10-14 .....	2.32	.23	2.62	6.63	2.20	3.34	2.55	4.11	4.01	4.95	2.26
15-19 .....	1.46	.17	2.82	6.65	1.13	4.85	2.34	5.09	4.27	6.14	3.02
20-24 .....	1.61	.62	2.76	6.11	1.41	4.85	2.28	5.57	3.16	5.92	3.31
25-29 .....	.68	.97	1.94	5.22	1.02	3.21	2.85	4.65	2.71	4.17	-.41
30-34 .....	.21	2.02	1.34	4.76	.87	1.94	2.31	3.66	1.87	2.99	-2.10
35-39 .....	.92	3.26	1.46	4.57	1.35	2.59	1.79	3.09	1.55	2.65	-1.60
40-44 .....	1.91	3.62	1.34	4.72	1.98	3.29	2.42	3.18	.83	3.34	-.08
45-49 .....	2.29	3.58	.87	4.41	2.30	3.41	2.90	3.40	.44	3.56	.80
50-54 .....	2.18	3.35	.26	4.34	2.45	3.07	2.53	2.95	.52	3.25	1.15
55-59 .....	2.03	3.14	-.07	4.49	2.64	2.29	2.10	2.92	.57	2.79	1.18
60-64 .....	1.89	2.98	-.27	4.48	2.74	1.66	1.31	2.51	.75	2.49	.86
65-69 .....	1.51	2.53	-.63	4.40	2.38	.75	.16	2.18	.76	1.78	.03
70-74 .....	1.37	2.35	-.76	4.44	2.00	.06	-.47	1.70	1.00	.67	-.76
75-79 .....	1.11	2.04	-.97	4.23	1.50	-.82	-1.45	1.11	.88	-.51	-1.70
80-84 .....	.97	1.79	-1.18	4.21	1.42	-1.60	-2.69	.56	.88	-.63	-2.46
85-89 .....	.88	1.62	-1.40	4.18	1.46	-2.18	-2.01	-.19	.77	-.43	-2.81
90-94 .....	.74	1.38	-1.82	4.14	1.60	-2.41	-3.70	-1.07	-.29	.10	-3.13
Total .....	1.40	2.26	-.57	4.30	1.70	-.14	4.23	1.53	.80	2.26	-.96
<b>Female:</b>											
0 .....	3.70	-1.85	3.37	1.44	3.94	9.98	4.23	6.33	9.95	5.32	-1.53
1-4 .....	2.90	-1.48	3.42	4.86	2.67	6.99	2.53	.45	2.76	7.84	2.99
5-9 .....	3.11	.60	3.54	5.64	2.89	5.90	3.91	2.75	6.35	8.33	2.68
10-14 .....	2.25	.38	2.85	5.32	1.64	4.27	2.43	5.05	5.01	7.14	2.24
15-19 .....	1.39	1.09	2.24	6.43	.53	4.11	2.83	5.64	4.61	9.14	2.77
20-24 .....	1.74	.81	1.97	6.22	1.04	3.87	2.23	6.04	3.94	6.28	2.85
25-29 .....	1.53	1.14	1.77	5.60	.86	3.43	2.45	5.14	2.82	4.32	2.25
30-34 .....	1.82	2.32	1.52	6.04	1.20	3.14	2.42	5.27	2.71	3.85	2.09
35-39 .....	2.47	3.40	1.49	6.10	2.05	3.63	2.34	4.51	2.03	5.00	2.54
40-44 .....	2.72	3.46	1.48	5.50	2.62	3.70	2.55	4.38	2.23	5.70	2.63
45-49 .....	2.31	2.88	1.14	4.86	2.66	2.48	2.89	3.89	1.64	5.43	2.12
50-54 .....	1.68	2.46	.43	4.41	2.79	.81	2.11	2.86	1.05	4.46	1.41
55-59 .....	1.29	2.36	-.11	4.27	2.70	-.53	2.26	2.39	1.36	3.31	.78
60-64 .....	.97	2.34	-.77	4.28	2.65	-1.91	1.64	1.60	1.31	1.74	.00
65-69 .....	.72	2.18	-1.34	4.14	2.11	-3.10	.51	.96	1.45	.08	-.99
70-74 .....	1.11	2.45	-1.22	4.43	2.25	-3.34	-1.08	.69	2.05	-.96	-1.54
75-79 .....	1.44	2.44	-.85	4.61	2.49	-2.84	-1.58	.47	2.27	-1.67	-2.39
80-84 .....	1.60	2.28	-.54	4.55	3.07	-2.03	-2.25	-.10	1.98	-1.61	-3.21
85-89 .....	1.47	1.91	-.39	4.24	3.44	-1.69	-2.87	-.72	1.14	-1.06	-3.71
90-94 .....	1.07	1.33	-.84	3.84	3.74	-1.58	-3.79	-1.73	-.26	-.71	-4.14
Total .....	1.40	2.12	-.46	4.34	2.12	-1.30	3.94	.80	1.66	2.44	-1.21

\*Includes AIDS  
\*\*Excludes AIDS

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

Future reductions in mortality will depend upon such factors as the development and application of new diagnostic, surgical, and life-sustaining techniques, the presence of environmental pollutants, improvements in exercise and nutrition, the incidence of violence, the isolation and treatment of causes of disease, the emergence of new forms of disease, improvements in prenatal care, the prevalence of cigarette smoking, the misuse of drugs (including alcohol), the extent to which people assume responsibility for their

own health, and changes in our conception of the value of life. After considering how these and other factors might affect mortality, we postulated three alternative sets of ultimate annual percentage reductions in death rates by sex, age group, and cause of death for the years after 2020. The age groups for which specific rates of reduction have been selected are: under age 15, 15-64, and 65-84, and 85 and older. These ultimate annual percentage reductions are as follows:



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

Alternative, sex, and age group	Cause of death									
	I	II	III	IV	V	VI	VII	VIII	IX	X
Alternative I :										
Male:										
< 15	0.3	0.8	0.3	0.9	1.4	2.9	1.2	1.1	0.8	0.2
15-64	0.7	0.1	1.0	0.3	0.2	1.5	1.1	0.2	1.0	0.0
65-84	0.5	0.0	0.8	0.3	0.0	1.6	0.2	0.3	0.1	0.0
85 +	0.5	0.0	0.8	0.3	0.0	1.6	0.2	0.3	0.1	0.0
Female:										
< 15	0.3	0.8	0.3	0.9	1.4	2.9	1.2	1.1	0.8	0.2
15-64	0.7	0.1	1.0	0.3	0.2	1.5	1.1	0.2	0.8	0.0
65-84	0.5	0.0	0.8	0.3	0.0	1.6	0.2	0.3	0.1	0.0
85 +	0.5	0.0	0.8	0.3	0.0	1.6	0.2	0.3	0.1	0.0
Alternative II :										
Male:										
< 15	0.6	2.0	0.6	1.8	2.4	2.2	1.6	1.8	1.4	0.5
15-64	1.5	0.3	1.8	0.5	0.3	1.1	1.6	0.3	1.5	0.3
65-84	1.2	0.2	1.7	0.6	0.2	1.1	0.4	0.6	0.2	0.2
85 +	1.1	0.2	1.7	0.6	0.2	1.1	0.4	0.6	0.2	0.2
Female:										
< 15	0.6	2.0	0.6	1.8	2.4	2.2	1.6	1.8	1.4	0.5
15-64	1.5	0.3	1.8	0.5	0.3	1.1	1.6	0.3	1.5	0.3
65-84	1.2	0.2	1.7	0.8	0.2	1.1	0.4	0.6	0.2	0.2
85 +	1.1	0.2	1.7	0.8	0.2	1.1	0.4	0.6	0.2	0.2
Alternative III :										
Male:										
< 15	1.4	5.2	0.7	2.7	2.9	1.2	2.0	2.3	2.2	1.0
15-64	2.0	1.2	2.1	1.0	0.5	0.5	2.4	0.4	3.0	0.6
65-84	1.5	1.1	2.0	1.0	0.4	0.4	0.8	0.9	0.6	0.4
85 +	1.3	1.1	2.0	1.0	0.4	0.4	0.8	0.9	0.6	0.4
Female:										
< 15	1.4	5.2	0.7	2.7	2.9	1.2	2.0	2.3	2.2	1.0
15-64	2.0	1.3	2.1	1.0	0.5	0.5	2.4	0.4	2.6	0.6
65-84	1.6	1.2	2.0	1.1	0.4	0.4	0.8	0.9	0.6	0.4
85 +	1.3	1.2	2.0	1.1	0.4	0.4	0.8	0.9	0.6	0.4

The annual percentage reductions in the table above are greatest for alternative III and smallest for alternative I, with the exception of the ultimate reductions assumed due to Congenital Malformations and Diseases of Early Infancy. For this cause-of-death group, the alternative I reductions are greatest and the alternative III reductions are smallest because most of the deaths due to this cause of death occur to those under 5 years of age. Thus, unlike the other causes of death, higher death rates for this cause of death would produce an unfavorable financial effect.

Due to the nature of AIDS, this disease was treated as a separate and special cause of death and death rates due to AIDS were projected by a different method. Although much has been learned about AIDS during the last few years, many uncertainties exist about the future course of this disease. For historical years beginning in 1981 through projected years ending with 1993, central death rates due to AIDS were projected based on numbers of deaths due to AIDS as estimated by the Center for Disease Control. Among the three alternatives, the death rates assumed for alternative III were the greatest and those assumed for alternative I were the smallest. Higher death rates for AIDS result in more cost to the OASDI program. Under

alternatives II and III, the central death rates due to AIDS are assumed to reach their peak value around the year 2000. During the next ten years, death rates due to AIDS are assumed to decline rather rapidly as a result of changes in behavior. Thereafter, the rates are assumed to remain relatively constant throughout the remainder of the projection period. For alternative I, the peak in central death rates due to AIDS is reached around 1990, with rates then stabilizing around the year 2000.

Rapid reductions in infant mortality are expected to continue in the future. However, for the total group younger than 65, future reductions are projected to be relatively small compared with past reductions because very little additional improvement in death rates from infectious diseases (such as poliomyelitis and influenza) is possible and because only a small reduction in mortality from violent causes (accidents, suicide, and homicide) is expected. Reductions for the aged are expected to continue at a relatively rapid pace, as further advances are made against degenerative diseases (such as heart and vascular disease). The gap between male and female mortality is expected to stabilize as women become increasingly subject to many of the same environmental hazards and social pressures as men. After adjustment for changes in the age and sex distribution of the population, alternative II mortality is projected to decrease at an average rate of 0.57 percent per year during the period 1991-2070, about half the average annual reduction observed during 1900-1991. During the period 1991-2070, alternative I mortality is projected to decrease at a rate about one-fifth the average rate observed during 1900-1991, while for alternative III mortality, the projected rate of reduction is about the same as for 1900-1991.

Death rates for ages under 65 in 1992 and 1993 were estimated from provisional data published in *Monthly Vital Statistics Reports*, Volumes 42 and 43. Medicare data was used to estimate death rates for those 65 and over in 1992 and 1993. For years after 1993, death rates were projected by age group, sex, and cause of death by applying annual percentage reductions (except for the cause of death category of AIDS) to the estimated or projected prior year death rates. The annual reductions that were applied to obtain the 1995 levels were 50 percent, 100 percent, and 150 percent of the average annual reductions during 1968-1991 period for alternatives I, II, and III, respectively. The annual reductions that were assumed to apply to obtain rates for 1996-2020 were calculated by a logarithmic formula designed to gradually transform the reductions applied to obtain the 1995 levels into the postulated ultimate annual reductions. The ultimate reductions were assumed to apply during 2020-2080. The average annual reductions for the "All Other" category for age 0 were calculated using the period 1974-1991, rather than 1968-1991 because a distinct shift occurred in 1974, making earlier data inappropriate for this category. Table 8 gives the resulting death rates by age group, sex, and alternative for selected years.

**Table 8. -- Central Death Rates by Age Group, Sex, Calendar Year, and Alternative**  
(Per hundred thousand)

Alternative, sex, and age group	Calendar year													
	1985	1990	1995	2000	2005	2010	2015	2020	2030	2040	2050	2060	2070	2080
<b>Alternative I :</b>														
<b>Male:</b>														
0 . . . . .	1,220.4	1,074.2	895.7	822.3	757.8	699.2	642.4	590.5	504.8	439.2	388.6	349.2	318.2	293.6
1-4 . . . . .	58.6	52.3	46.5	43.6	41.0	38.6	36.5	34.7	31.6	28.9	26.6	24.6	22.8	21.2
5-9 . . . . .	28.5	25.6	21.5	19.8	18.2	16.9	16.1	15.3	14.1	13.0	12.0	11.1	10.3	9.6
10-14 . . . . .	35.1	31.5	30.0	28.3	26.7	25.3	24.1	23.0	21.2	19.5	18.0	16.6	15.4	14.3
15-19 . . . . .	113.4	128.5	128.7	124.4	120.4	116.9	114.4	112.5	109.2	105.9	102.8	99.8	97.0	94.2
20-24 . . . . .	161.7	166.6	157.2	150.8	144.9	140.0	136.8	134.6	130.6	126.8	123.1	119.6	116.2	112.9
25-29 . . . . .	168.0	186.1	161.6	157.2	153.5	150.3	147.7	145.6	141.8	138.0	134.5	131.1	127.8	124.6
30-34 . . . . .	192.6	223.0	193.2	191.7	191.4	190.4	188.1	185.7	181.3	177.1	173.1	169.2	165.6	162.0
35-39 . . . . .	237.0	279.4	254.7	249.0	245.2	241.5	237.8	234.5	228.5	222.8	217.5	212.4	207.6	203.1
40-44 . . . . .	331.7	340.9	312.7	296.6	282.8	271.9	265.5	261.0	252.8	245.1	237.9	231.2	224.9	218.9
45-49 . . . . .	514.7	489.4	441.9	416.7	394.4	376.8	366.5	359.4	346.7	334.9	323.9	313.5	303.8	294.7
50-54 . . . . .	842.1	754.5	670.2	636.9	607.3	583.6	568.7	557.8	538.1	519.8	502.6	486.4	471.3	457.1
55-59 . . . . .	1,356.4	1,212.2	1,094.2	1,048.1	1,006.6	973.4	951.8	934.4	902.1	871.9	843.6	817.0	792.0	768.5
60-64 . . . . .	2,086.9	1,906.3	1,769.9	1,708.8	1,653.9	1,609.0	1,576.7	1,548.7	1,496.3	1,447.4	1,401.3	1,358.1	1,317.5	1,279.3
65-69 . . . . .	3,199.2	2,987.8	2,834.6	2,774.8	2,723.3	2,682.8	2,652.7	2,625.8	2,574.7	2,526.5	2,480.7	2,437.2	2,396.1	2,357.0
70-74 . . . . .	4,872.9	4,369.3	4,129.9	4,069.1	4,019.5	3,978.9	3,939.2	3,899.1	3,821.7	3,748.5	3,679.1	3,613.4	3,551.1	3,492.1
75-79 . . . . .	7,349.1	6,732.7	6,348.4	6,342.9	6,354.7	6,352.2	6,303.5	6,239.8	6,113.2	5,993.5	5,880.2	5,773.0	5,671.4	5,575.3
80-84 . . . . .	10,974.6	10,295.6	10,000.1	10,124.4	10,282.6	10,361.4	10,294.3	10,189.0	9,978.4	9,779.2	9,590.7	9,412.5	9,243.8	9,084.1
85-89 . . . . .	16,164.3	15,459.3	15,537.9	15,863.7	16,254.3	16,453.8	16,351.9	16,177.4	15,826.6	15,495.2	15,181.7	14,885.3	14,605.0	14,339.6
90-94 . . . . .	23,364.7	23,193.2	23,507.8	24,262.0	25,130.0	25,589.7	25,453.7	25,177.0	24,616.7	24,087.0	23,586.1	23,112.5	22,664.3	22,240.3
<b>Female:</b>														
0 . . . . .	950.9	855.4	717.7	659.8	608.3	560.1	511.9	467.8	395.3	340.0	297.4	264.5	238.8	218.5
1-4 . . . . .	44.8	41.2	36.0	33.8	31.7	29.8	28.2	26.9	24.5	22.4	20.6	19.1	17.7	16.5
5-9 . . . . .	21.4	18.7	17.4	16.1	14.9	14.0	13.3	12.7	11.7	10.8	10.0	9.3	8.7	8.2
10-14 . . . . .	20.6	20.2	18.2	17.3	16.4	15.6	14.9	14.3	13.2	12.2	11.3	10.6	9.8	9.2
15-19 . . . . .	46.2	47.2	45.2	43.8	42.6	41.7	41.0	40.4	39.2	38.1	37.0	36.0	35.0	34.1
20-24 . . . . .	52.5	51.8	47.5	45.5	43.7	42.3	41.4	40.7	39.6	38.4	37.4	36.4	35.4	34.5
25-29 . . . . .	60.2	64.8	56.7	54.4	52.3	50.6	49.6	48.8	47.5	46.2	44.9	43.8	42.7	41.6
30-34 . . . . .	79.2	84.9	75.2	71.5	68.3	65.7	64.2	63.2	61.5	59.8	58.3	56.8	55.4	54.1
35-39 . . . . .	110.7	115.2	110.9	104.0	98.0	93.5	91.2	89.8	87.4	85.2	83.1	81.1	79.2	77.4
40-44 . . . . .	173.6	163.6	156.7	146.8	137.9	131.3	128.0	126.1	122.7	119.6	116.6	113.8	111.1	108.6
45-49 . . . . .	287.8	268.9	248.5	235.4	223.5	214.2	209.0	205.8	200.1	194.8	189.9	185.2	180.7	176.5
50-54 . . . . .	468.0	435.0	403.1	388.8	375.6	364.5	357.0	351.6	342.0	333.0	324.5	316.5	308.9	301.8
55-59 . . . . .	728.3	689.3	650.0	636.0	623.1	612.3	603.3	594.8	578.5	562.9	548.4	534.7	521.7	509.5
60-64 . . . . .	1,125.4	1,081.0	1,056.0	1,057.7	1,061.9	1,061.5	1,050.5	1,035.9	1,006.8	979.4	953.6	929.2	906.2	884.5
65-69 . . . . .	1,699.1	1,652.7	1,633.5	1,672.1	1,716.8	1,743.9	1,740.4	1,727.9	1,701.6	1,676.8	1,653.2	1,630.9	1,609.8	1,589.7
70-74 . . . . .	2,608.7	2,459.6	2,435.7	2,481.7	2,539.4	2,572.2	2,563.1	2,542.3	2,499.3	2,458.7	2,420.3	2,383.9	2,349.4	2,316.8
75-79 . . . . .	4,108.0	3,889.1	3,854.4	3,886.5	3,938.0	3,961.2	3,935.7	3,897.5	3,821.0	3,748.6	3,680.1	3,615.4	3,554.1	3,496.2
80-84 . . . . .	6,716.7	6,334.5	6,277.7	6,293.2	6,342.2	6,348.5	6,290.1	6,217.8	6,075.5	5,941.0	5,814.0	5,693.9	5,580.4	5,473.0
85-89 . . . . .	11,264.3	10,543.3	10,446.1	10,500.4	10,611.5	10,624.3	10,509.5	10,372.9	10,106.4	9,854.7	9,617.0	9,392.3	9,179.9	8,979.1
90-94 . . . . .	18,115.7	17,463.0	17,407.8	17,762.0	18,213.3	18,394.3	18,222.9	17,978.2	17,495.5	17,039.5	16,608.7	16,201.5	15,816.7	15,452.8
<b>Alternative II :</b>														
<b>Male:</b>														
0 . . . . .	1,220.4	1,074.2	889.9	753.6	644.8	574.7	530.7	494.8	433.2	382.0	339.3	303.5	273.2	247.6
1-4 . . . . .	58.6	52.3	47.5	41.9	36.7	32.9	30.3	28.2	24.4	21.3	18.6	16.4	14.5	13.0
5-9 . . . . .	28.5	25.6	21.8	18.7	15.8	13.8	12.7	11.7	10.1	8.8	7.7	6.7	5.9	5.3
10-14 . . . . .	35.1	31.5	30.2	27.2	24.0	21.6	19.8	18.2	15.6	13.4	11.6	10.1	8.8	7.7
15-19 . . . . .	113.4	128.5	128.9	120.7	112.8	106.8	103.1	100.3	95.3	90.6	86.1	81.9	77.9	74.1
20-24 . . . . .	161.7	166.6	162.8	151.1	137.9	128.9	124.2	121.0	115.1	109.6	104.3	99.4	94.7	90.3
25-29 . . . . .	168.0	186.1	186.1	181.2	164.5	154.8	150.2	146.8	140.5	134.5	128.9	123.7	118.7	114.0
30-34 . . . . .	192.6	223.0	233.0	231.3	211.9	200.0	194.5	190.2	182.5	175.2	168.4	162.0	155.9	150.3
35-39 . . . . .	237.0	279.4	308.2	301.3	270.5	251.9	243.8	238.0	227.7	218.3	209.5	201.4	193.9	186.8
40-44 . . . . .	331.7	340.9	368.0	355.0	311.8	285.0	274.5	267.0	254.2	242.6	231.9	222.3	213.4	205.3
45-49 . . . . .	514.7	489.4	475.5	437.2	386.3	351.4	335.2	324.1	304.7	287.2	271.7	257.6	244.9	233.3
50-54 . . . . .	842.1	754.5	699.3	643.7	580.4	537.5	514.6	497.3	466.3	438.6	413.7	391.4	371.1	352.8
55-59 . . . . .	1,356.4	1,212.2	1,112.2	1,030.1	947.1	889.4	854.5	825.5	773.4	726.6	684.6	646.9	612.8	581.9

**Table 8. -- Central Death Rates by Age Group, Sex, Calendar Year, and Alternative**  
(continued)  
(Per hundred thousand)

Alternative, sex, and age group	Calendar year													
	1985	1990	1995	2000	2005	2010	2015	2020	2030	2040	2050	2060	2070	2080
Alternative II: (continued)														
Male: (continued)														
60-64 . . . . .	2,086.9	1,906.3	1,776.2	1,655.7	1,543.3	1,461.5	1,407.0	1,359.5	1,273.3	1,196.4	1,127.2	1,065.0	1,008.7	957.7
65-69 . . . . .	3,199.2	2,987.8	2,829.3	2,681.4	2,549.9	2,454.8	2,386.5	2,324.5	2,209.0	2,104.1	2,008.3	1,920.6	1,840.2	1,766.3
70-74 . . . . .	4,872.9	4,369.3	4,109.2	3,920.6	3,762.2	3,644.2	3,547.7	3,454.2	3,279.2	3,120.1	2,975.4	2,843.1	2,721.7	2,610.4
75-79 . . . . .	7,349.1	6,732.7	6,309.0	6,099.0	5,933.1	5,796.2	5,648.8	5,496.6	5,210.1	4,950.4	4,714.2	4,498.9	4,302.0	4,121.6
80-84 . . . . .	10,974.6	10,295.6	9,928.6	9,705.8	9,554.5	9,398.3	9,163.5	8,910.8	8,434.4	8,003.2	7,611.6	7,255.4	6,930.1	6,632.5
85-89 . . . . .	16,164.3	15,459.3	15,417.6	15,167.3	15,036.1	14,850.9	14,491.5	14,094.5	13,342.9	12,659.7	12,037.2	11,468.6	10,948.0	10,470.0
90-94 . . . . .	23,364.7	23,193.2	23,323.6	23,184.2	23,219.4	23,065.7	22,517.3	21,884.7	20,684.5	19,594.7	18,602.7	17,697.5	16,869.8	16,110.8
Female:														
0 . . . . .	950.9	855.4	715.8	608.1	519.0	459.3	421.3	390.9	339.3	296.7	261.4	232.0	207.3	186.6
1-4 . . . . .	44.8	41.2	37.1	32.7	28.4	25.4	23.4	21.7	18.9	16.5	14.6	12.9	11.5	10.3
5-9 . . . . .	21.4	18.7	17.8	15.6	13.3	11.7	10.7	10.0	8.7	7.7	6.8	6.0	5.4	4.8
10-14 . . . . .	20.6	20.2	18.3	16.6	14.9	13.5	12.5	11.6	10.1	8.8	7.7	6.7	5.9	5.3
15-19 . . . . .	46.2	47.2	45.2	42.7	40.5	38.8	37.7	36.7	34.9	33.2	31.5	30.0	28.6	27.2
20-24 . . . . .	52.5	51.8	49.7	46.4	42.4	39.7	38.3	37.3	35.5	33.8	32.2	30.7	29.3	28.0
25-29 . . . . .	60.2	64.8	62.3	58.9	53.0	49.3	47.7	46.5	44.3	42.3	40.4	38.6	37.0	35.5
30-34 . . . . .	79.2	84.9	84.9	80.4	71.0	65.1	62.8	61.2	58.5	55.9	53.6	51.4	49.4	47.5
35-39 . . . . .	110.7	115.2	119.2	109.0	95.4	86.8	83.3	81.2	77.4	74.0	70.8	67.9	65.1	62.6
40-44 . . . . .	173.6	163.6	161.9	145.4	127.9	116.7	111.8	108.8	103.4	98.5	94.0	89.9	86.1	82.6
45-49 . . . . .	287.8	268.9	250.7	227.1	204.6	189.1	181.3	176.0	166.7	158.2	150.6	143.5	137.0	131.1
50-54 . . . . .	468.0	435.0	404.1	377.6	352.8	333.8	321.6	312.2	295.6	280.5	266.8	254.2	242.7	232.1
55-59 . . . . .	728.3	689.3	649.6	620.4	593.6	572.9	556.5	540.9	511.7	485.3	461.3	439.4	419.3	400.8
60-64 . . . . .	1,125.4	1,081.0	1,051.3	1,023.3	1,001.1	981.3	956.3	929.3	878.0	831.7	789.7	751.4	716.4	684.3
65-69 . . . . .	1,699.1	1,652.7	1,623.6	1,606.7	1,600.3	1,589.9	1,561.3	1,526.8	1,460.3	1,399.4	1,343.4	1,291.8	1,244.1	1,199.8
70-74 . . . . .	2,608.7	2,459.6	2,416.5	2,366.6	2,339.6	2,314.0	2,267.6	2,214.2	2,112.0	2,018.7	1,933.4	1,855.0	1,782.8	1,716.2
75-79 . . . . .	4,108.0	3,889.1	3,820.7	3,692.3	3,607.0	3,538.1	3,453.3	3,362.9	3,192.0	3,037.0	2,896.0	2,767.3	2,649.6	2,541.5
80-84 . . . . .	6,716.7	6,334.5	6,219.0	5,963.3	5,783.2	5,636.3	5,477.6	5,316.7	5,015.4	4,743.8	4,498.1	4,275.4	4,072.8	3,888.1
85-89 . . . . .	11,264.3	10,543.3	10,350.8	9,957.4	9,679.7	9,428.0	9,144.2	8,860.9	8,332.5	7,855.2	7,423.0	7,030.8	6,674.0	6,348.6
90-94 . . . . .	18,115.7	17,463.0	17,263.9	16,924.9	16,739.4	16,461.7	15,974.9	15,456.1	14,485.8	13,611.0	12,820.7	12,105.2	11,455.8	10,865.2
Alternative III :														
Male:														
0 . . . . .	1,220.4	1,074.2	885.9	713.5	570.0	498.4	467.1	442.3	396.8	355.9	319.3	286.6	257.7	231.9
1-4 . . . . .	58.6	52.3	47.8	40.5	32.7	27.2	24.2	21.9	18.1	15.1	12.8	10.9	9.4	8.1
5-9 . . . . .	28.5	25.6	21.9	18.3	14.7	11.3	9.7	8.6	7.0	5.8	4.8	4.1	3.5	3.0
10-14 . . . . .	35.1	31.5	30.2	26.5	22.4	18.7	16.0	14.1	11.2	9.1	7.4	6.1	5.1	4.3
15-19 . . . . .	113.4	128.5	128.6	117.5	106.3	97.1	91.1	86.5	78.3	70.9	64.2	58.2	52.8	47.8
20-24 . . . . .	161.7	166.6	165.5	153.0	131.6	114.6	107.3	102.3	93.3	85.1	77.5	70.7	64.4	58.8
25-29 . . . . .	168.0	186.1	200.1	213.2	178.3	144.4	134.5	130.3	122.3	113.9	105.9	98.4	91.6	85.4
30-34 . . . . .	192.6	223.0	256.2	287.2	249.0	193.3	174.9	169.0	160.3	150.5	141.0	132.0	123.8	116.3
35-39 . . . . .	237.0	279.4	339.7	378.7	325.6	247.6	217.9	208.2	196.9	185.5	173.9	163.3	153.6	144.8
40-44 . . . . .	331.7	340.9	402.3	462.2	406.9	303.6	271.5	266.3	267.9	264.6	255.7	246.2	236.2	227.0
45-49 . . . . .	514.7	489.4	494.6	491.7	450.3	362.0	312.2	293.0	276.2	259.3	243.4	227.1	212.4	199.2
50-54 . . . . .	842.1	754.5	715.0	673.9	595.7	516.8	465.0	429.9	384.4	347.1	313.5	284.0	257.9	235.0
55-59 . . . . .	1,356.4	1,212.2	1,120.2	1,038.7	935.3	832.6	765.2	711.5	626.7	556.9	496.0	443.4	397.3	357.2
60-64 . . . . .	2,086.9	1,906.3	1,777.3	1,634.3	1,487.3	1,351.6	1,251.9	1,170.0	1,030.3	912.5	810.4	721.8	644.8	577.8
65-69 . . . . .	3,199.2	2,987.8	2,821.8	2,621.7	2,431.5	2,271.5	2,144.1	2,030.3	1,827.6	1,649.4	1,490.6	1,349.1	1,223.4	1,111.3
70-74 . . . . .	4,872.9	4,369.3	4,088.1	3,798.1	3,554.7	3,360.5	3,191.5	3,028.3	2,731.1	2,468.6	2,235.9	2,028.6	1,843.9	1,679.4
75-79 . . . . .	7,349.1	6,732.7	6,269.6	5,878.9	5,563.0	5,305.0	5,052.7	4,803.8	4,343.8	3,936.7	3,575.7	3,254.5	2,968.4	2,713.3
80-84 . . . . .	10,974.6	10,295.6	9,857.5	9,315.1	8,899.4	8,540.9	8,149.3	7,757.0	7,033.2	6,391.6	5,822.2	5,316.1	4,865.1	4,462.2
85-89 . . . . .	16,164.3	15,459.3	15,297.7	14,509.9	13,935.5	13,437.4	12,866.3	12,287.4	11,213.6	10,254.1	9,395.6	8,626.3	7,935.5	7,313.9
90-94 . . . . .	23,364.7	23,193.2	23,139.4	22,161.1	21,481.5	20,825.6	19,972.9	19,094.9	17,464.4	16,007.1	14,702.4	13,531.9	12,479.8	11,532.3
Female:														
0 . . . . .	950.9	855.4	715.6	583.0	460.5	396.4	369.6	350.0	314.4	282.2	253.3	227.5	204.7	184.4
1-4 . . . . .	44.8	41.2	37.6	31.9	25.4	20.9	18.5	16.9	14.0	11.8	10.0	8.5	7.3	6.4
5-9 . . . . .	21.4	18.7	18.0	15.9	13.0	10.0	8.5	7.7	6.4	5.5	4.7	4.1	3.6	3.2
10-14 . . . . .	20.6	20.2	18.3	16.4	14.5	12.3	10.7	9.5	7.7	6.4	5.3	4.5	3.9	3.3
15-19 . . . . .	46.2	47.2	45.1	41.8	38.9	36.5	34.5	32.8	29.7	26.9	24.5	22.3	20.2	18.4

**Table 8. -- Central Death Rates by Age Group, Sex, Calendar Year, and Alternative (continued)**  
(Per hundred thousand)

Alternative, sex, and age group	Calendar year													
	1985	1990	1995	2000	2005	2010	2015	2020	2030	2040	2050	2060	2070	2080
Alternative III : (continued)														
Female: (continued)														
20-24	52.5	51.8	51.0	48.8	42.1	36.1	34.0	32.6	30.0	27.6	25.4	23.4	21.5	19.8
25-29	60.2	64.8	65.3	66.1	56.1	45.8	42.3	40.7	37.9	35.2	32.5	30.1	27.9	25.9
30-34	79.2	84.9	90.6	95.7	80.6	61.7	56.1	54.5	51.9	48.8	45.7	42.7	40.0	37.6
35-39	110.7	115.2	124.0	122.4	106.9	83.4	73.4	69.9	65.5	61.1	56.6	52.6	49.0	45.7
40-44	173.6	163.6	164.6	152.3	132.8	110.3	97.9	91.7	84.1	77.2	70.6	64.8	59.5	54.9
45-49	287.8	268.9	251.2	224.1	197.2	172.5	157.0	146.1	130.1	116.5	104.5	93.9	84.5	76.4
50-54	468.0	435.0	403.7	370.4	338.0	309.9	288.6	270.2	238.6	211.8	188.5	168.1	150.2	134.7
55-59	728.3	689.3	648.1	609.0	571.8	536.7	503.7	472.7	417.2	369.6	328.1	292.1	260.6	233.2
60-64	1,125.4	1,081.0	1,046.2	993.6	949.9	904.7	852.7	800.8	707.5	626.9	557.1	496.5	443.7	397.6
65-69	1,699.1	1,652.7	1,613.3	1,546.7	1,495.6	1,443.3	1,374.7	1,303.6	1,172.8	1,057.4	955.3	864.8	784.5	713.2
70-74	2,608.7	2,459.6	2,397.0	2,259.6	2,161.5	2,079.3	1,982.2	1,881.9	1,697.2	1,534.2	1,390.1	1,262.4	1,149.1	1,048.4
75-79	4,108.0	3,889.1	3,787.1	3,512.1	3,315.4	3,169.3	3,018.9	2,867.6	2,589.2	2,344.0	2,127.5	1,936.1	1,766.4	1,615.6
80-84	6,716.7	6,334.5	6,160.4	5,656.4	5,294.7	5,035.3	4,790.6	4,550.7	4,111.8	3,726.3	3,386.8	3,087.2	2,822.2	2,587.0
85-89	11,264.3	10,543.3	10,255.7	9,450.3	8,861.5	8,434.3	8,045.8	7,670.9	6,982.0	6,369.8	5,824.8	5,338.8	4,904.1	4,514.7
90-94	18,115.7	17,463.0	17,120.0	16,135.0	15,419.4	14,806.3	14,137.8	13,479.4	12,269.4	11,195.3	10,239.7	9,388.0	8,627.0	7,945.7

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

Table 9 gives the resulting life expectancies at birth for males and females respectively, for historical years and by alternative for selected future years. Life expectancy for any year is the number of years of life remaining for a person who is assumed to experience the death rates by age observed in or assumed for the selected year. Thus, the life expectancies at birth shown in Table 9 are summary statistics of the overall mortality for the applicable calendar year.

**Table 9. -- Life Expectancy at Birth by Sex, Calendar Year, and Alternative**  
(In years)

Calendar Year	Male	Female
1900	46.41	48.96
1901	47.87	50.86
1902	49.02	52.08
1903	49.20	52.12
1904	48.08	51.10
1905	48.73	51.88
1906	48.27	51.96
1907	48.29	52.22
1908	50.22	53.59
1909	51.12	54.46
1910	50.08	53.58
1911	51.80	55.05
1912	52.34	55.87
1913	51.72	55.45
1914	52.87	56.33
1915	53.51	56.79
1916	52.42	55.98
1917	52.18	55.91
1918	45.34	49.08
1919	54.19	56.45
1920	54.51	56.27
1921	57.25	59.26
1922	57.02	59.33
1923	56.32	58.74
1924	57.15	59.91
1925	57.23	59.93

**Table 9. -- Life Expectancy at Birth by Sex, Calendar Year, and Alternative**  
(In years)

Calendar Year	Male	Female
1926	56.57	59.33
1927	57.94	60.86
1928	56.78	59.82
1929	56.99	60.16
1930	57.96	61.31
1931	58.57	62.02
1932	59.44	62.59
1933	59.58	63.03
1934	58.85	62.68
1935	59.42	63.32
1936	58.75	62.85
1937	59.36	63.58
1938	60.81	64.74
1939	61.44	65.41
1940	61.43	65.74
1941	61.90	66.46
1942	62.58	67.36
1943	62.25	67.10
1944	62.68	67.82
1945	62.87	68.44
1946	64.25	69.21
1947	64.57	69.68
1948	64.84	70.16
1949	65.26	70.66
1950	65.63	71.13
1951	65.66	71.36
1952	65.78	71.62
1953	65.98	71.98
1954	66.74	72.75
1955	66.72	72.81
1956	66.73	72.94
1957	66.47	72.73
1958	66.64	72.92
1959	66.80	73.24
1960	66.66	73.24
1961	67.07	73.63
1962	66.89	73.50

**Table 9. -- Life Expectancy at Birth by Sex, Calendar Year, and Alternative**  
(continued) (In years)

Calendar Year	Male	Female
1963	66.64	73.42
1964	66.84	73.74
1965	66.79	73.84
1966	66.69	73.90
1967	66.95	74.29
1968	66.61	74.21
1969	66.88	74.59
1970	67.15	74.86
1971	67.40	75.06
1972	67.42	75.22
1973	67.64	75.47
1974	68.27	76.02
1975	68.74	76.55
1976	69.08	76.77
1977	69.40	77.16
1978	69.58	77.25
1979	69.96	77.71
1980	69.94	77.52
1981	70.37	77.85
1982	70.83	78.20
1983	70.92	78.12
1984	71.08	78.20
1985	71.06	78.22
1986	71.12	78.30
1987	71.30	78.39
1988	71.24	78.32
1989	71.53	78.55
1990	71.76	78.82
1991	71.92	78.93
1992	72.17	79.18
1993	71.94	78.90
1994	72.15	79.00

	Alternative I		Alternative II		Alternative III	
	Male	Female	Male	Female	Male	Female
1995	72.71	79.22	72.32	79.20	72.11	79.22
1996	72.78	79.24	72.45	79.31	72.26	79.40
1997	72.85	79.26	72.60	79.42	72.41	79.58
1998	72.91	79.27	72.75	79.52	72.56	79.75
1999	72.97	79.29	72.88	79.62	72.60	79.89
2000	73.03	79.30	73.03	79.72	72.68	80.03
2005	73.30	79.33	73.87	80.19	73.94	80.87
2010	73.54	79.41	74.48	80.55	75.35	81.63
2015	73.76	79.56	74.89	80.88	76.20	82.25
2020	73.96	79.73	75.26	81.20	76.84	82.84
2025	74.15	79.89	75.61	81.52	77.42	83.40
2030	74.34	80.04	75.96	81.83	77.98	83.95
2035	74.51	80.19	76.29	82.14	78.53	84.49
2040	74.68	80.33	76.62	82.43	79.09	85.03
2045	74.85	80.47	76.93	82.72	79.63	85.55
2050	75.01	80.60	77.24	83.01	80.18	86.07
2055	75.16	80.73	77.54	83.28	80.71	86.58
2060	75.31	80.86	77.83	83.56	81.24	87.07
2065	75.46	80.98	78.12	83.82	81.76	87.56
2070	75.60	81.10	78.40	84.08	82.28	88.05
2075	75.74	81.21	78.67	84.34	82.78	88.52
2080	75.87	81.32	78.94	84.59	83.28	88.99

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

Figures 2 and 3 are graphs of the past and projected life expectancies at birth of males and females, respectively, from 1900 to 2080 by alternative.

Figure 2 - Male Life Expectancy  
(in years), 1900 - 2080  
Actual and Projected by Alternative

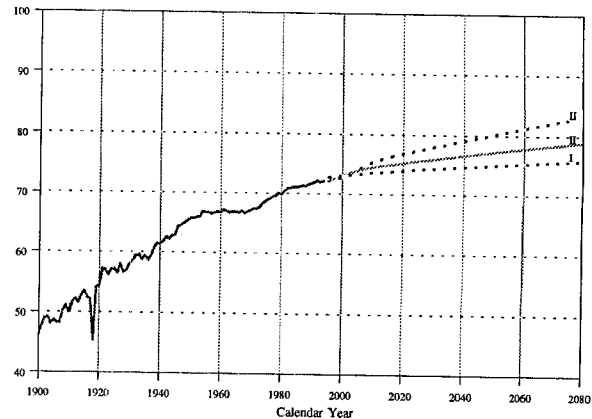
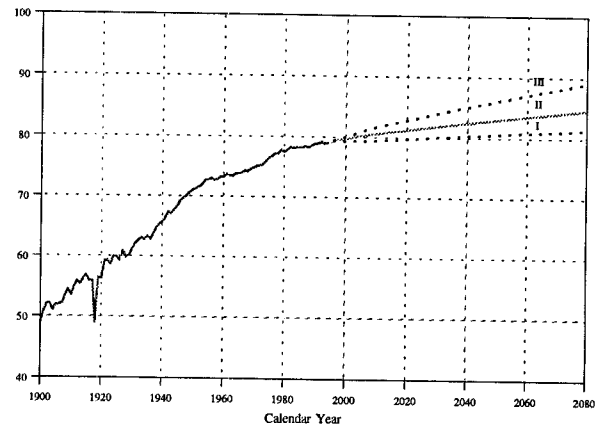


Figure 3 - Female Life Expectancy  
(in years), 1900 - 2080  
Actual and Projected by Alternative



Rapid gains in life expectancy at birth occurred from 1900 through the mid-1950's for both males and females. From the mid-1950's through the late 1960's, male life expectancy at birth remained level, while female life expectancy at birth increased moderately. During the 1970's rapid gains resulted for both males and females. Through the 1980's until the present, life expectancy at birth has been increasing less rapidly. During this century life expectancy at birth for males increased 25.5 years from 46.4 in 1900 to 71.9 years in 1991. During the same period, life expectancy at birth for females increased 29.9 years from 49.0 to 78.9 years. Thus the difference in male and female life expectancies, the sex gap, at birth has increased from 2.6 years in 1900 to 7.0 years in 1991. The sex gap in life expectancy at birth reached peaked in calendar year 1970, at 7.7 years. The sex gap stabilized during the 1970's and has decreased slightly since 1979.

Under all three alternatives, the life expectancy at birth is projected to increase. For males, the life expectancy at birth increases from 71.9 years in 1991 to 75.8 years, 78.9 years,

and 83.3 years in 2080 under alternatives I, II, and III, respectively. This represents an increase ranging from 3.9 years to 11.4 years. For females the increase ranges from 2.4 years to 10.1 years. The female life expectancy is projected to increase from 78.9 years in 1991, to 81.3 years, 84.6 years, and 89.0 years in 2080 under alternatives I, II, and III, respectively. The sex gap at birth is projected to decrease from 7.0 years in 1991 to 5.5 in 2080 under alternative I, and to 5.7 under alternatives II and III.

Table 10 gives the resulting life expectancies at age 65 for males and females respectively, for historical years and by alternative for selected future years. The life expectancies at age 65 in Table 10 summarize the mortality at ages 65 and older for the applicable calendar year.

**Table 10. -- Life Expectancy at Age 65 by Sex, Calendar Year, and Alternative**  
(In years)

Calendar Year	Male	Female
1900	11.35	12.01
1901	11.33	11.99
1902	11.71	12.61
1903	11.43	12.22
1904	11.09	11.87
1905	11.35	12.05
1906	11.44	12.22
1907	11.01	11.79
1908	11.61	12.32
1909	11.60	12.36
1910	11.38	12.10
1911	11.47	12.19
1912	11.49	12.26
1913	11.55	12.37
1914	11.59	12.44
1915	11.44	12.16
1916	11.26	12.03
1917	11.22	12.06
1918	11.63	12.48
1919	12.27	12.85
1920	11.81	12.34
1921	12.24	12.82
1922	11.76	12.45
1923	11.54	12.20
1924	11.75	12.65
1925	11.65	12.52
1926	11.37	12.23
1927	11.75	12.73
1928	11.33	12.29
1929	11.42	12.41
1930	11.83	12.91
1931	11.98	13.12
1932	11.92	12.95
1933	12.02	13.18
1934	11.88	13.13
1935	11.93	13.21
1936	11.56	12.81
1937	11.77	13.14
1938	12.11	13.45
1939	12.04	13.40
1940	11.92	13.42

**Table 10. -- Life Expectancy at Age 65 by Sex, Calendar (continued) Year, and Alternative**  
(In years)

Calendar Year	Male	Female				
1941	12.17	13.81				
1942	12.39	14.05				
1943	12.11	13.72				
1944	12.46	14.10				
1945	12.63	14.38				
1946	12.86	14.59				
1947	12.64	14.52				
1948	12.71	14.72				
1949	12.82	14.93				
1950	12.81	15.06				
1951	12.83	15.15				
1952	12.97	15.31				
1953	12.93	15.34				
1954	13.22	15.75				
1955	13.08	15.64				
1956	13.04	15.68				
1957	12.88	15.60				
1958	12.93	15.69				
1959	13.06	15.88				
1960	12.91	15.89				
1961	13.08	16.11				
1962	12.93	16.02				
1963	12.75	15.99				
1964	13.00	16.29				
1965	12.92	16.34				
1966	12.86	16.32				
1967	13.01	16.58				
1968	12.80	16.60				
1969	13.02	16.90				
1970	13.13	17.11				
1971	13.13	17.14				
1972	13.09	17.18				
1973	13.19	17.35				
1974	13.48	17.66				
1975	13.70	18.02				
1976	13.75	18.08				
1977	13.91	18.33				
1978	13.95	18.33				
1979	14.18	18.60				
1980	14.04	18.35				
1981	14.24	18.58				
1982	14.45	18.80				
1983	14.31	18.63				
1984	14.41	18.66				
1985	14.39	18.62				
1986	14.52	18.66				
1987	14.64	18.73				
1988	14.56	18.66				
1989	14.84	18.87				
1990	14.98	19.02				
1991	15.12	19.13				
1992	15.21	19.28				
1993	15.09	18.97				
1994	15.29	18.98				
	Alternative I		Alternative II		Alternative III	
	Male	Female	Male	Female	Male	Female
1995	15.31	19.09	15.35	19.16	15.40	19.23
1996	15.32	19.08	15.41	19.21	15.51	19.34
1997	15.33	19.06	15.47	19.26	15.61	19.45

**Table 10. -- Life Expectancy at Age 65 by Sex, Calendar Year, and Alternative**  
(continued) (In years)

Calendar Year	Alternative I		Alternative II		Alternative III	
	Male	Female	Male	Female	Male	Female
1998	15.33	19.04	15.53	19.30	15.71	19.56
1999	15.33	19.01	15.58	19.34	15.81	19.66
2000	15.34	18.99	15.63	19.38	15.90	19.76
2005	15.34	18.85	15.86	19.52	16.34	20.17
2010	15.35	18.78	16.05	19.65	16.73	20.52
2015	15.42	18.83	16.25	19.86	17.12	20.92
2020	15.50	18.91	16.46	20.08	17.52	21.33
2025	15.57	19.00	16.67	20.31	17.92	21.75
2030	15.65	19.08	16.87	20.53	18.32	22.16
2035	15.72	19.16	17.08	20.75	18.71	22.57
2040	15.80	19.24	17.28	20.96	19.11	22.98
2045	15.87	19.32	17.47	21.18	19.50	23.39
2050	15.94	19.40	17.67	21.39	19.89	23.79
2055	16.01	19.48	17.86	21.60	20.28	24.18
2060	16.08	19.55	18.05	21.81	20.67	24.58
2065	16.15	19.63	18.23	22.01	21.05	24.97
2070	16.22	19.70	18.41	22.21	21.44	25.35
2075	16.28	19.78	18.59	22.41	21.82	25.74
2080	16.35	19.85	18.77	22.61	22.20	26.12

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

Life expectancy at age 65 for males increased from 11.3 years in 1900 to 15.1 years in 1991, while life expectancy at age 65 for females increased from 12.0 years to 19.1 years. The life expectancy for males at age 65 is projected to increase from 15.1 years in 1991 to 16.4 years, 18.8 years, and 22.2 years in 2080 under alternatives I, II, and III, respectively. This represents an increase ranging from 1.3 years to 7.1 years. For females the increase ranges from .9 years to 7.1 years. The female age 65 life expectancy is projected to increase from 19.0 years in 1991 to 19.9 years, 22.6 years, and 26.1 years in 2080 under alternatives I, II, III, respectively. The sex gap at age 65 has increased from .7 years in 1900 to 4.4 years in 1979. Since then, this gap has decreased slightly to 3.7 years in 1991 and, in 2080, is projected to be 3.5 under alternative I and 3.8 under alternative II, and 3.9 under alternative III.

A complete projection of age-sex-specific death rates was not done for each marital status. However, historical data indicate that the differential in mortality by marital status is significant. To reflect this, future relative differences in death rates by marital status were projected to be the same as for calendar years 1980 and 1981. Death rates for this period are shown in Table 11. These rates were calculated using deaths as tabulated from the 1980 and 1981 Mortality Cause-of-Death Summary Public Use Data Tapes, available from the National Center for Health Statistics, and population distributions as published in Current Population Reports, Series P-20 and P-25, by the Bureau of the Census.

**Table 11. -- Central Death Rates by Age Group, Sex, and Marital Status Based on 1980-81 Data**  
(Per hundred thousand)

Sex and age group	Total	Single	Married	Widowed	Divorced
15-19	135.9	135.1	161.0	933.0	400.0
20-24	193.9	207.3	150.4	850.0	371.2
25-29	192.5	255.3	140.3	839.7	392.0
30-34	192.1	314.5	144.4	906.8	400.0
35-39	241.8	504.8	189.2	950.3	482.4
40-44	357.6	649.2	296.2	950.0	669.6
45-49	581.0	1,065.3	489.8	1,089.2	1,154.3
50-54	932.8	1,742.0	799.0	1,550.3	1,838.4
55-59	1,444.5	2,281.5	1,281.0	2,167.4	2,620.2
60-64	2,195.9	3,092.3	1,992.2	3,157.5	3,711.0
65-69	3,338.9	4,403.8	3,051.7	4,832.4	5,119.9
70-74	4,991.0	6,604.6	4,558.5	6,814.8	7,183.3
75-79	7,323.9	10,983.0	6,584.3	9,300.3	11,142.3
80-84	11,027.0	17,734.8	9,494.6	14,457.8	15,794.4
85-89	16,433.6	25,801.3	14,286.5	18,713.3	19,451.3
90-94	21,981.3	33,306.1	19,597.9	23,003.5	21,345.4
<b>Female:</b>					
15-19	51.8	51.6	51.0	270.0	75.0
20-24	60.3	69.0	45.4	220.7	90.0
25-29	67.5	99.9	51.7	228.6	107.1
30-34	82.6	154.7	66.1	225.0	123.8
35-39	122.4	239.0	101.9	255.6	184.9
40-44	195.3	355.4	167.2	334.6	298.6
45-49	319.0	486.2	279.2	504.4	462.4
50-54	496.5	691.7	439.6	718.7	672.7
55-59	746.3	1,048.6	663.7	934.3	1,000.9
60-64	1,131.5	1,500.5	984.8	1,401.2	1,460.4
65-69	1,705.2	2,012.4	1,495.4	1,916.3	2,273.1
70-74	2,621.7	3,036.3	2,262.6	2,839.7	3,473.6
75-79	4,132.5	4,760.3	3,568.6	4,285.0	5,676.3
80-84	7,095.9	8,016.9	5,623.8	7,383.3	9,340.8
85-89	11,797.1	13,948.8	7,435.8	12,498.2	12,588.1
90-94	17,983.4	22,159.2	12,717.5	18,919.4	15,519.2

### C. Net Immigration

Immigration was once a very important element in the growth of the United States population. For each year 1870 through 1920, 14 percent of our population was foreign born. Legal immigration averaged nearly one million per year from 1904 through 1913. Immigration decreased greatly during World War I and following the adoption of quotas based on national origin in 1921. The economic depression in the 1930's caused an additional but temporary decrease, which resulted in more emigration than immigration. Annual legal 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 legal immigration increased to about 400,000 and remained fairly stable until 1977. For the years 1977 through 1991, legal immigration (excluding aliens admitted under the Immigration Reform and Control Act of 1986) averaged

approximately 575,000 per year. This increase is due to the increase in numbers of relatives admitted and to the large numbers of refugees and political asylees that were admitted based on specific legislation during this period. For the years 1989 through 1991, a previously unused provision of the Immigration Act of 1965 was implemented to issue visas over and above the 270,000 numerical limit to persons in countries adversely impacted and/or under represented by the Immigration Act of 1965. Most of the additional visas have gone to natives of Ireland, Canada, Poland, and Indonesia. In 1989, 15,000 such visas were issued with an additional 25,000 in 1990 and 40,000 in 1991.

The Immigration Reform and Control Act of 1986 (IRCA) permitted aliens who could provide evidence that they had been residing in the United States illegally since 1982, or since 1986 for certain agricultural workers, to apply directly for permanent residency. 2.7 million persons were legalized during 1989 through 1993 under this legislation. These new immigrants had been previously been included in the population as other-than-legal aliens.

The Immigration Act of 1990, which took effect in fiscal year 1992, restructures the immigration categories and substantially increases the number of immigrants that may legally enter the United States each year. The new law does away with the old numerically limited and immediate relative categories and replaces them with family sponsored preference, employment based preference, and diversity categories for immigration. The employment based preference has a 140,000 cap, the diversity based category has a 55,000 cap, and the family based preference limit (including both family sponsored and immediate relatives) is 480,000 for 1995 and later. For a three year phase-in period, 1992 through 1994, the diversity cap is 40,000 and the family based is 520,000. This produces a cap of 700,000 for 1992 through 1994, dropping to 675,000 for 1995 and later for the three main categories only. This cap is referred to as "piercable" because unused visas from prior years and other specially legislated immigrants are not included in these ceilings. The 1990 legislation also increased the number of asylees from 5,000 to 10,000 annually. The maximum number of refugees, which is set annually, was 130,000 for 1993. Other factors affecting the level of legal immigration include but are not limited to: application processing backlogs, shifting of responsibilities from Department of State to the Immigration and Naturalization Service (INS), economic changes in US and abroad and anti-immigrant sentiment in the US. These factors are having a greater impact than expected on the numbers of immigrants, causing the numbers to be lower than expected. The lower immigrant numbers are expected to be temporary. The projection of legal immigrants for Alternative II, therefore, drops below 800,000 for years 1995 through 1999, rising to an ultimate rate of 800,000 per year for years 2000 and later. The following table gives the

maximums for both the 1965 Act and the 1990 Act, using the categories created under the 1990 Act.

	1965 Act	1990 Act	
		1992-1994	1995 and later
Flexible Cap	500,000	700,000	675,000
Family preference	440,000	520,000	480,000
Immediate Relatives	225,000	239,000	254,000
Family Sponsored	215,000	226,000	226,000
IRCA families		55,000	
Employment Based	60,000	140,000	140,000
Diversity Immigrants		40,000	55,000
Separately Set Limits			
Refugees*	95,000	110,000	110,000
Asylees	5,000	10,000	10,000

\*Refugee numbers are set annually. The numbers shown here are averages of available data years.

Although statistics on emigration are sparse and largely estimated (see, "Foreign-Born Emigration From the United States: 1960 to 1970" by Robert Warren and Jennifer Peck in Demography, February 1980), they suggest that annual emigration of legal residents has been over 100,000. Recent research done by the Bureau of the Census using census data and data provided by the INS estimates foreign-born emigration to be about 30 percent of legal immigration. We expect emigration from the Social Security Area to be less than emigration from the United States, especially at the older ages, due primarily from the fact that individuals who leave the United States having achieved fully insured status are still eligible to receive OASDI benefits and thus are considered to be in the Social Security Area.

Assuming 675,000 immigrants per year under family based, employment based and diversity immigrants, 125,000 per year for asylees, refugees and other miscellaneous immigrants, and of emigration to be approximately 25 percent of the level of legal immigration, yields an assumption of 600,000 per year for Alternative II net legal immigration for years after 2000. The ultimate levels of net legal immigration for years after 2000, for Alternatives I and III are assumed to be 700,000, and 550,000 persons per year, respectively.

The age-sex distribution of the assumed legal immigration was based on data supplied by the Immigration and Naturalization Service on immigration during 1978 through 1994. The age-sex distribution of the assumed legal emigration was based on estimates of foreign-born emigration for 1960 to 1970 in "Foreign-Born Emigration From the United States: 1960 to 1970" by Robert Warren and Jennifer Peck in Demography, February 1980. Table 12 shows the age-sex distributions of the annual net legal immigration (excess of immigration over emigration) assumed for the ultimate, years 2000 and later.



**Table 12. -- Assumed Annual Net Legal Immigration by Age Group, Sex, and Alternative**

Alternative and age group	Total	Male	Female
<b>Alternative I :</b>			
0-4	44,121	22,179	21,942
5-9	35,376	17,741	17,635
10-14	52,250	26,666	25,584
15-19	63,569	33,031	30,538
20-24	84,553	44,245	40,308
25-29	98,967	50,948	48,019
30-34	81,572	40,726	40,846
35-39	58,546	28,808	29,738
40-44	40,803	19,549	21,254
45-49	29,898	14,571	15,327
50-54	25,806	11,423	14,383
55-59	23,956	10,153	13,803
60-64	22,249	9,359	12,890
65-69	17,119	7,355	9,764
70-74	11,388	4,891	6,497
75-79	5,951	2,486	3,465
80-84	3,876	1,553	2,323
85 +	0	0	0
0-19	195,316	99,617	95,699
20-64	466,350	229,782	236,568
65 +	38,334	16,285	22,049
<b>Total</b>	<b>700,000</b>	<b>345,684</b>	<b>354,316</b>
<b>Alternative II :</b>			
0-4	37,815	19,009	18,806
5-9	30,322	15,206	15,116
10-14	44,786	22,858	21,928
15-19	54,488	28,314	26,174
20-24	72,476	37,925	34,551
25-29	84,826	43,669	41,157
30-34	69,921	34,908	35,013
35-39	50,183	24,693	25,490
40-44	34,975	16,757	18,218
45-49	25,626	12,489	13,137
50-54	22,120	9,791	12,329
55-59	20,534	8,702	11,832
60-64	19,071	8,022	11,049
65-69	14,671	6,303	8,368
70-74	9,762	4,195	5,567
75-79	5,102	2,132	2,970
80-84	3,322	1,331	1,991
85 +	0	0	0
0-19	167,411	85,387	82,024
20-64	399,732	196,956	202,776
65 +	32,857	13,961	18,896
<b>Total</b>	<b>600,000</b>	<b>296,304</b>	<b>303,696</b>
<b>Alternative III :</b>			
0-4	34,664	17,425	17,239
5-9	27,795	13,940	13,855
10-14	41,052	20,951	20,101
15-19	49,945	25,954	23,991
20-24	66,438	34,765	31,673
25-29	77,763	40,032	37,731
30-34	64,096	32,002	32,094
35-39	45,998	22,634	23,364
40-44	32,057	15,359	16,698

**Table 12. -- Assumed Annual Net Legal Immigration by (continued) Age Group, Sex, and Alternative**

Alternative and age group	Total	Male	Female
<b>Alternative III : (continued)</b>			
45-49	23,492	11,449	12,043
50-54	20,275	8,975	11,300
55-59	18,823	7,979	10,844
60-64	17,482	7,354	10,128
65-69	13,450	5,777	7,673
70-74	8,948	3,843	5,105
75-79	4,677	1,955	2,722
80-84	3,045	1,221	1,824
85 +	0	0	0
0-19	153,456	78,270	75,186
20-64	366,424	180,549	185,875
65 +	30,120	12,796	17,324
<b>Total</b>	<b>550,000</b>	<b>271,615</b>	<b>278,385</b>

In deciding upon the level of annual net immigration to be assumed for future years, the possibility of making some provision for persons not legally entering the United States arises. Estimates of these aliens are included in our starting population, in accordance with the official policy of the Bureau of Census to enumerate or to include in the estimated undercount all persons residing in the U.S.. Census has estimated 3 million other-than-legal alien residents as of 1980. In a recent joint project, INS and Census examined the illegal immigrant population between October 1988 and October 1992. Not counting those who would be subsequently legalized under the IRCA program, there were still estimated to be 2.2 million illegal immigrants in the population as of October 1988. At the time of the 1990 census there were estimated to be 2.6 million illegals increasing by October 1992 to 3.4 million.

The INS is currently in the process of revising its estimates of net illegal immigration based on information provided by persons legalized under IRCA, counts of unauthorized immigrants in census surveys, and the number of overstays of legally admitted persons. INS estimates that between 1988 and 1992, illegal immigration averaged 300,000 persons per year, numbers significantly higher than the 200,000 estimate based on 1980 census.

Even after considering recent legislation, annual net other-than-legal immigration is anticipated to continue, because of the limited economic opportunity in the native countries of the majority of these aliens. Because of these developments, for years after 1994 the alternative II assumption for annual net other-than-legal immigration is 300,000. For alternatives I and III, the corresponding numbers are 450,000 and 200,000, respectively. The age-sex distribution of the other-than-legal immigrants was based on unpublished Census estimates of the undocumented population counted in the 1980 Census. Table 13 shows the age-sex distribution of the assumed net other-than-legal immigration for the three Alternatives.

**Table 13. -- Assumed Annual Net Other-Than-Legal Immigration by Age Group, Sex, and Alternative**

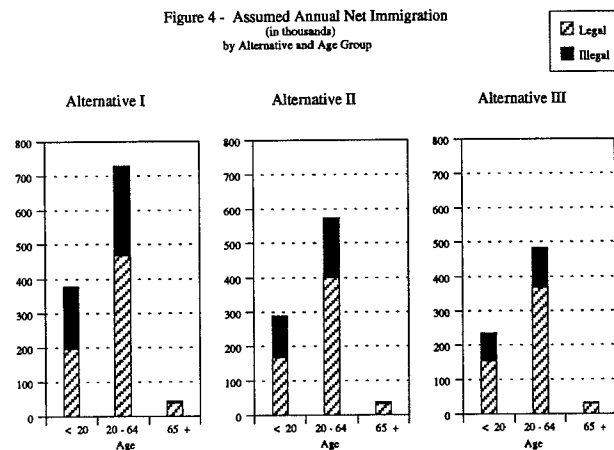
Alternative and age group	Total	Male	Female
<b>Alternative I :</b>			
0-4	41,208	21,083	20,125
5-9	46,006	24,440	21,566
10-14	31,630	15,815	15,815
15-19	63,261	35,944	27,317
20-24	118,370	70,447	47,923
25-29	68,532	38,819	29,713
30-34	29,233	15,336	13,897
35-39	14,378	7,189	7,189
40-44	11,502	6,230	5,272
45-49	8,147	4,313	3,834
50-54	5,751	2,876	2,875
55-59	3,834	1,917	1,917
60-64	2,281	537	1,744
65-69	1,956	460	1,496
70-74	1,630	385	1,245
75-79	1,303	307	996
80-84	978	231	747
85 +	0	0	0
0-19	182,105	97,282	84,823
20-64	262,028	147,664	114,364
65 +	5,867	1,383	4,484
<b>Total</b>	<b>450,000</b>	<b>246,329</b>	<b>203,671</b>
<b>Alternative II :</b>			
0-4	27,477	14,059	13,418
5-9	30,671	16,294	14,377
10-14	21,086	10,543	10,543
15-19	42,171	23,961	18,210
20-24	78,913	46,965	31,948
25-29	45,688	25,879	19,809
30-34	19,490	10,225	9,265
35-39	9,585	4,792	4,793
40-44	7,668	4,153	3,515
45-49	5,432	2,875	2,557
50-54	3,833	1,916	1,917
55-59	2,557	1,279	1,278
60-64	1,522	358	1,164
65-69	1,302	306	996
70-74	1,085	255	830
75-79	869	204	665
80-84	651	153	498
85 +	0	0	0
0-19	121,405	64,857	56,548
20-64	174,688	98,442	76,246
65 +	3,907	918	2,989
<b>Total</b>	<b>300,000</b>	<b>164,217</b>	<b>135,783</b>
<b>Alternative III :</b>			
0-4	18,323	9,375	8,948
5-9	20,445	10,861	9,584
10-14	14,058	7,030	7,028
15-19	28,114	15,974	12,140
20-24	52,609	31,310	21,299
25-29	30,458	17,252	13,206
30-34	12,992	6,816	6,176
35-39	6,390	3,194	3,196

**Table 13. -- Assumed Annual Net Other-Than-Legal Immigration by Age Group, Sex, and Alternative**

Alternative and age group	Total	Male	Female
<b>Alternative III: (continued)</b>			
40-44	5,111	2,769	2,342
45-49	3,621	1,917	1,704
50-54	2,555	1,278	1,277
55-59	1,704	852	852
60-64	1,013	238	775
65-69	869	205	664
70-74	724	170	554
75-79	579	136	443
80-84	435	102	333
85 +	0	0	0
0-19	80,940	43,240	37,700
20-64	116,453	65,626	50,827
65 +	2,607	613	1,994
<b>Total</b>	<b>200,000</b>	<b>109,479</b>	<b>90,521</b>

Figure 4 displays the annual net immigration assumed under all three alternatives for the ultimate, years 2000 and later.

Figure 4 - Assumed Annual Net Immigration (in thousands) by Alternative and Age Group



#### D. Marriage

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

In order to calculate these rates, data on new marriages in the Marriage Registration Area (MRA) were obtained from the National Center for Health Statistics for calendar years 1957 through 1988 by age of husband crossed with age of wife. In 1988, the MRA consisted of 42 States and D.C. and accounted for 80 percent of all marriages in the U.S. Estimates of the nonmarried population in the MRA were obtained from NCHS by age and sex.

The number of marriages depends upon the age distribution of both the nonmarried male population and the nonmarried female population. Thus, an acceptable summary statistic could be calculated by age-adjustment to a set of standard nonmarried populations. When only one population is involved (as in calculating death rates), equal results are obtained by viewing the age-adjusting concept as the weighted average of the age-specific rates or as the crude rate that would occur in the standard population. When two populations are involved (as in calculating marriage rates), these two concepts do not produce the same results.

Using either concept, the first step in calculating the age-adjusted statistic is to determine the number of marriages that would occur in the standard population. We determine this number, the expected number of marriages, by applying the age-of-husband-age-of-wife-specific marriage rates to the geometric mean of the corresponding standard age-specific populations. To age-adjust using the weighted average concept, the expected number of marriages is divided by the sum of all of the factors to which the marriage rates were applied, i.e., the sum of the geometric means of the corresponding age-specific populations. To age-adjust using the crude rate concept, the expected number of marriages is divided by the geometric mean of the total male nonmarried population and the total female nonmarried population. In this study we have calculated rates (as shown in Figure 5 and Table 14 ) under the latter concept, i.e., the crude rate that would be experienced in the standard population, which we express per hundred thousand nonmarried of each sex.

**Table 14. -- Age-Adjusted Central Marriage Rates in the Marriage Registration Area by Calendar Year and Alternative**  
(Per hundred thousand unmarried of each sex)

Calendar year	Age-adjusted marriage rate
1957	9,975
1958	9,775
1959	10,024
1960	10,015
1961	9,519
1962	9,465
1963	9,716
1964	9,812
1965	9,851
1966	10,158
1967	9,929
1968	10,168
1969	10,129
1970	9,680

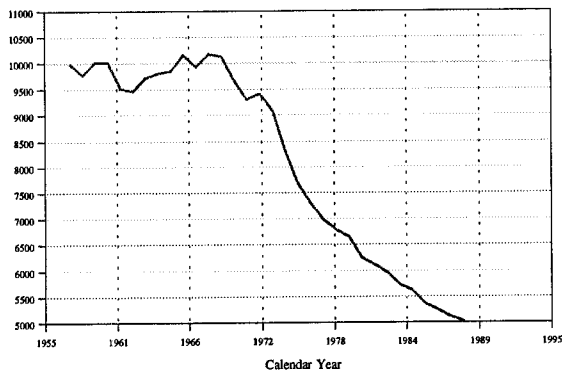
**Table 14. -- Age-Adjusted Central Marriage Rates in the Marriage Registration Area by Calendar Year and Alternative**  
(Per hundred thousand unmarried of each sex)

Calendar year	Age-adjusted marriage rate		
1971		9,302	
1972		9,412	
1973		9,077	
1974		8,332	
1975		7,687	
1976		7,303	
1977		6,982	
1978		6,784	
1979		6,661	
1980		6,256	
1981		6,120	
1982		5,967	
1983		5,743	
1984		5,623	
1985		5,364	
1986		5,249	
1987		5,121	
1988		5,032	
1989		5,647	
1990		5,711	
1991		5,538	
1992		5,527	
1993		5,431	
1994		5,429	
	Alternative I	Alternative II	Alternative III
1995	5,478	5,535	5,651
1996	5,409	5,522	5,758
1997	5,342	5,510	5,866
1998	5,275	5,497	5,976
1999	5,209	5,485	6,088
2000	5,144	5,472	6,203
2001	5,080	5,460	6,319
2002	5,016	5,448	6,438
2003	4,954	5,435	6,559
2004	4,892	5,423	6,682
2005	4,830	5,411	6,808
2006	4,770	5,398	6,935
2007	4,710	5,386	7,066
2008	4,652	5,374	7,198
2009	4,593	5,362	7,334
2010	4,536	5,350	7,471
2011	4,479	5,338	7,612
2012	4,423	5,326	7,755
2013	4,368	5,314	7,901
2014	4,314	5,302	8,049
2015	4,260	5,290	8,200
2016	4,206	5,278	8,354
2017	4,154	5,266	8,511
2018	4,102	5,254	8,671
2019	4,051	5,242	8,834
2020	4,000	5,230	9,000

An examination of the age-adjusted marriage rates since 1957 shows that the rates remained relatively stable during the late 1950's and throughout the 1960's. A major decrease in the age-adjusted rate was experienced during the 1970's and continued into the 1980's. The total rates shown in Table 14 and in Figure 5 range from a high in 1968 of 10,168 per hundred thousand nonmarried persons of each

sex to a low in 1988 of 5,032. At first glance the provisional statistics for 1989-1994, as shown in Table 14, indicate a stabilizing of the marriage rate. The provisional age-adjusted marriage rates are based on United States data, which historically produce higher rates than the MRA data. This is because the MRA does not include the state of Nevada. In order to compare the rates determined from the two sources of data, a factor in the neighborhood of .9 should be applied to the age-adjusted marriage rates based on U.S. data. Once this factor is applied, the provisional age-adjusted marriage rates for 1989-1994 indicate a continuation, yet slowing down, of the declining trend.

Figure 5 - Age-Adjusted Marriage Rates  
(per hundred thousand unmarried of each sex)  
in the MRA, 1957 - 1988



Because of uncertainty whether marriage rates will increase or decrease, we assumed for alternative II that future age-adjusted rates of marriage for the Social Security Area

would remain at the same level as the average of the 1989-1994 age-adjusted rates of marriage for the U.S.. The use of constant age-adjusted rates does not imply that the crude rate of marriage in the projected population remains constant.

While it is possible that marriage rates will continue to decline, it is not likely that the rate of decline of recent history will continue indefinitely into the future. Taking this into account, for alternative I, we assume that the ultimate age-adjusted marriage rate will decline to 4,000 in the year 2020 and stay at this level for the remainder of the projection period.

It is also possible that marriage rates will, on the average, rise above their present low level. We, however, believe that the rates will not, on the average, return to the high levels found in the 1950's and 1960's. To reflect this in alternative III, we assume that the ultimate age-adjusted marriage rate will increase to 9,000 in the year 2020 and stay at this level for the remainder of the projection period.

To obtain the age-of-husband-age-of-wife-specific rates for a particular year from the age-adjusted rate projected for that year, the age-of-husband-age-of-wife-specific rates for the years 1978-1979 and 1981-1988 were averaged, graduated, and proportionally ratioed so as to produce the age-adjusted rate for the particular year. Data for 1980 were not available. The rates assumed for years after 1994 for alternative II are shown in Table 15 grouped by 5 year age groups based on Social Security Area population as of July 1, 1994.

Table 15. -- Assumed Central Marriage Rates for Alternative II by Age of Husband and Wife  
(Per hundred thousand unmarried of each sex)

Age group of husband	Age group of wife															
	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
14-19	1241.5	335.0	58.6	21.0	7.6	2.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
20-24	2212.4	5366.1	1237.4	321.6	103.5	29.0	8.1	2.6	1.2	.2	.0	.0	.0	.0	.0	.0
25-29	542.0	4022.9	4288.1	1368.6	391.9	115.8	30.4	8.3	1.9	.3	.0	.0	.0	.0	.0	.0
30-34	177.5	1429.2	3169.7	2683.5	1004.4	302.7	90.2	19.8	5.0	1.4	.3	.0	.0	.0	.0	.0
35-39	66.5	590.9	1591.0	2299.1	1848.7	719.7	222.8	55.9	12.3	3.4	1.4	.8	.1	.2	.0	.0
40-44	26.6	216.1	702.6	1274.1	1667.9	1275.5	492.3	130.1	33.6	8.9	3.1	1.2	.4	.2	.0	.0
45-49	14.2	82.0	289.9	637.2	1028.6	1241.1	900.2	306.2	81.8	22.8	5.8	1.9	.5	.1	.0	.0
50-54	7.2	32.7	114.1	280.0	531.4	797.8	894.9	600.5	192.3	55.4	15.7	4.6	1.7	.5	.0	.0
55-59	3.0	14.3	48.7	113.0	237.5	424.6	593.6	633.5	418.5	150.6	39.4	11.3	3.4	.9	.5	.0
60-64	1.8	6.2	19.4	43.7	94.6	186.5	298.2	402.8	428.4	338.7	106.2	27.3	6.8	1.8	.0	.0
65-69	1.2	2.9	7.6	16.4	33.3	63.5	115.4	179.7	257.3	327.6	233.7	67.0	14.6	3.3	.4	.0
70-74	1.0	2.5	2.9	6.3	13.2	26.1	43.5	70.5	114.8	184.5	230.0	151.9	38.6	6.6	2.0	.0
75-79	.1	2.1	1.8	2.6	5.3	10.3	16.7	29.9	48.2	84.1	120.6	131.5	82.8	14.6	2.8	.0
80-84	.0	.4	1.3	1.9	2.6	3.4	6.5	11.8	18.4	30.1	47.0	61.4	49.6	25.5	4.8	.3
85-89	.0	.0	.0	.8	.6	1.1	2.8	4.5	6.2	9.1	12.7	17.4	19.8	14.8	4.0	.6
90-94	.0	.0	.0	.0	.0	.0	.5	1.8	1.8	2.1	3.4	4.6	4.4	2.9	1.7	6.2

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

A complete projection of age-of-husband-age-of-wife-specific marriage rates was not done separately for each previous marital status. However, experience data indicated that the differential in marriage rates by previous marital

status is significant. Future relative differences in marriage rates by previous marital status were assumed to be the same as the average of those experienced during 1979 and 1981-1988. Data for 1980 were not available. The marriage

rates for the years 1979 and 1981-1988 were obtained from unpublished data supplied by the National Center for Health Statistics. The average of these marriage rates, with slight modifications, grouped by 5-year age groups based on the MRA population as of July 1, 1982, are given in Table 16.

**Table 16. -- Average of Calendar Years 1979 and 1981-86 Central Marriage Rates by Age Group, Sex, and Marital Status**  
(Per thousand)

Sex and age group	Marital status			
	Total	Single	Widowed	Divorced
<b>Male:</b>				
14-19	16.8	16.7	168.6	153.7
20-24	80.4	75.8	205.0	215.4
25-29	119.0	99.6	240.0	211.0
30-34	114.2	73.4	179.7	191.7
35-39	94.9	41.1	98.2	159.1
40-44	86.4	35.5	87.4	151.2
45-49	57.8	15.5	64.3	107.9
50-54	54.6	12.9	61.8	99.4
55-59	37.4	7.3	54.5	59.3
60-64	35.1	6.3	49.9	52.7
65-69	16.1	2.7	19.5	28.0
70-74	14.1	2.2	16.6	24.7
75-79	14.4	2.3	16.7	24.9
80-84	14.8	2.3	16.6	24.9
85-89	15.4	2.3	16.6	24.9
90-94	15.8	2.3	16.6	24.9
<b>Female:</b>				
14-19	38.1	37.5	208.4	198.7
20-24	109.1	99.7	131.3	220.9
25-29	130.5	106.1	83.4	187.7
30-34	103.9	67.9	59.9	137.3
35-39	66.8	34.8	35.5	91.2
40-44	59.9	29.5	32.0	82.8
45-49	31.1	12.0	21.0	47.4
50-54	25.0	9.7	18.9	41.4
55-59	11.2	4.8	9.7	18.9
60-64	8.8	3.9	8.1	15.6
65-69	2.8	1.1	2.5	6.9
70-74	2.1	.8	2.0	5.7
75-79	2.0	.8	2.0	5.8
80-84	2.0	.8	2.0	5.8
85-89	2.0	.8	2.0	5.8
90-94	2.0	.8	2.0	5.8

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

## E. Divorce

Data on divorces (including annulments) in the Divorce Registration Area (DRA) during calendar years 1979-1988 by age group of husband crossed with age group of wife were obtained from the National Center for Health Statistics. For each of the above calendar years, the number of divorces occurring in the DRA (which in 1988 consisted of 31 States and accounted for about 48 percent of all divorces in the U.S.) were inflated to represent the Social Security

Area, based on the total number of divorces during the corresponding calendar year in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands. Divorce rates for each age of husband crossed with each age of wife were then calculated as the ratio of the inflated number of divorces in the Social Security Area for the given age of husband and age of wife to the number of existing marriages in the Social Security Area with the given age of husband and age of wife. Table 17 contains the resulting rates age-adjusted to the married Social Security Area population as of July 1, 1982.

**Table 17. -- Age-Adjusted Central Divorce Rates by Calendar Year and Alternative**  
(Per hundred thousand married couples)

Calendar year	Age-adjusted divorce rate		
	Alternative I	Alternative II	Alternative III
1979	2,205		
1980	2,209		
1981	2,257		
1982	2,178		
1983	2,155		
1984	2,170		
1985	2,201		
1986	2,177		
1987	2,154		
1988	2,195		
1989	2,138		
1990	2,130		
1991	2,118		
1992	2,162		
1993	2,122		
1994	2,141		
1995	2,135		
1996	2,145	2,133	2,121
1997	2,155	2,131	2,106
1998	2,165	2,130	2,092
1999	2,175	2,128	2,078
2000	2,186	2,126	2,063
2001	2,196	2,124	2,049
2002	2,206	2,122	2,035
2003	2,217	2,121	2,022
2004	2,227	2,119	2,008
2005	2,237	2,117	1,994
2006	2,248	2,115	1,981
2007	2,258	2,113	1,967
2008	2,269	2,112	1,954
2009	2,280	2,110	1,940
2010	2,290	2,108	1,927
2011	2,301	2,106	1,914
2012	2,312	2,104	1,901
2013	2,323	2,103	1,888
2014	2,334	2,101	1,875
2015	2,345	2,099	1,863
2016	2,356	2,097	1,850
2017	2,367	2,095	1,837
2018	2,378	2,094	1,825
2019	2,389	2,092	1,812
2020	2,400	2,090	1,800

As shown in the above table, the age-adjusted central divorce rates were quite stable during the period 1979-1988.

Age-adjusted central divorce rates for 1989-1994 were computed using the age distributions of the DRA data during 1979-1988 and using provisional data estimating the total divorces in the U.S. for 1989-1994. The resulting age-adjusted rates are slightly lower than those for 1979-88. For 1995, the age-adjusted central divorce rate was assumed to be equal to the average of the age-adjusted rates for the four provisional years for all three alternatives.

Because age-adjusted central divorce rates have remained fairly constant over the last ten years, we assumed under alternative II that throughout the projection period the age-adjusted rate would remain at the same level as that recently experienced. For alternative I, we assumed that the age-adjusted rate would gradually increase to 110 percent of the 1992 estimated value in 25 years and then remain at this

level throughout the remaining projection period. For alternative III, age-adjusted rates are assumed to decrease, reaching approximately 85 percent of the 1992 estimated rate in 25 years and then to remain constant throughout the remaining projection period.

To obtain age-specific rates for use in the projections, the age-of-husband-age-of-wife-specific rates for the years 1979-1988 were averaged and then graduated. For each alternative and year after 1993, the graduated and averaged rates were adjusted by a factor so as to produce the age-adjusted central divorce rate assumed for that particular year and alternative. The rates assumed for years after 1994 for alternative II are shown in Table 18 grouped by 5 year age groups based on Social Security Area population as of January 1, 1990.

**Table 18. -- Assumed Central Divorce Rates for Alternative II by Age of Husband and Wife**  
(Per hundred thousand unmarried of each sex)

Age group of husband	Age group of wife														
	14-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89
14-19	5482.3	7148.6	4110.0	7588.1	8584.8	6875.6	4509.3	1873.5	--	--	--	--	--	--	--
20-24	6885.4	5680.4	4239.4	4739.0	6863.0	7922.5	7244.8	4635.3	2387.6	1348.0	438.9	--	--	--	--
25-29	5615.7	5191.1	4172.0	3580.3	5103.7	6846.8	7095.3	5675.8	3424.1	2834.8	1960.8	160.9	--	--	--
30-34	6216.1	4352.6	3925.6	3112.2	3409.7	4692.0	5420.0	5110.4	3860.2	3472.0	2663.1	1914.7	778.2	--	--
35-39	7317.1	5011.6	3898.6	2865.9	2579.3	2791.9	3655.4	4027.8	3467.3	3359.1	2756.7	2507.5	1983.2	--	--
40-44	7430.0	5799.0	4625.5	3226.2	2178.0	2008.2	2093.0	2576.6	2590.4	2645.7	2457.0	2319.9	1701.5	--	--
45-49	6167.4	5828.8	4925.6	3523.8	2358.3	1584.4	1336.7	1334.3	1495.2	1587.2	1549.5	1384.7	1431.3	--	--
50-54	4397.9	4975.7	4577.5	3671.1	2698.8	1656.3	1026.1	800.9	678.1	761.7	791.9	774.8	885.4	279.3	--
55-59	3584.2	4230.8	3960.4	3603.0	2903.6	1969.2	1083.8	556.4	272.1	264.9	315.6	347.5	415.5	50.3	--
60-64	3565.1	3426.7	3605.7	3579.0	2970.0	2058.6	1148.1	538.4	247.4	241.5	253.3	251.2	262.0	318.4	--
65-69	2083.3	3300.3	3458.0	3548.2	2893.8	2047.5	1155.1	567.2	273.5	245.7	247.9	240.7	230.9	247.0	269.9
70-74	--	2786.7	3622.3	3181.1	2716.9	1950.8	1142.3	578.3	276.6	245.2	245.8	240.3	230.6	240.6	264.0
75-79	--	1185.8	4581.7	3596.1	2594.9	1815.5	1152.7	561.5	280.2	242.9	246.6	235.0	233.7	267.4	302.9
80-84	--	--	--	--	1146.8	1115.0	782.7	627.0	312.6	218.8	215.9	216.4	230.0	250.5	229.3
85-89	--	--	--	--	--	--	--	335.9	329.4	301.5	266.2	268.2	245.5	195.8	172.8

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

#### IV. Methods

Future numbers of births, deaths, net immigrants, marriages, and divorces are estimated by applying the following methods to the projected data described in the preceding section. End of year population data is determined from the beginning of year population data.

Estimates of the size of the single (never married) population at the end of the year for each age and sex is calculated from the single population estimates at the beginning of the year by subtracting the number of deaths and marriages to single persons during the year, and adding the number of net immigrants of single persons during the year. The married population at the end of the year is calculated from that at the beginning of the year by subtracting estimates of the numbers of deaths, widowings, and divorces during the year and adding estimates of the

numbers of marriages and net married immigration during the year. Similarly, the widowed population at the end of the year is calculated by subtracting the deaths and marriages, and adding the widowings and the net immigration of widowed persons. The divorced population at the end of the year is calculated by subtracting the deaths and marriages, and adding the divorces and the net immigration of divorced persons.

##### A. Fertility

In order to determine the number of births during a year, birth rates for that year were applied to the average of the beginning-of-year and end-of-year female population. Projected numbers of births are given in Table 19 by alternative.

## B. Mortality

### 1. Probability of Survival

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

Future probabilities of survival by age last birthday were calculated for each sex and each single year of age from the projected central death rates by sex and age group. For each future year in the projection period, the probability of death at age 0 was calculated from the projected central death rate for age 0 assuming that the relationship between the probability of death and the central death rate that existed in 1991 remained constant. For each single year of age 1 through 4, probabilities of death were calculated in the same manner using central death rates for the age group 1 through 4 ( $m_1$ ). Probabilities of death at ages 5 and older were calculated by an iterative method. As a first approximation, the probability of death for each five-year age group from 5-9 to 90-94 was calculated from the corresponding central death rate assuming that on the average deaths occurred at the middle of the age interval. As part of the iterative process, the probability of death for each single age in each five-year age group was determined by interpolating the logarithms of the complements of the surrounding five-year probabilities of death with Beer's minimized fifth-difference formula. The probability of death for each age 95 and over was calculated to produce a rapid decline in the ratio of succeeding probabilities of death to a minimum ratio of 1.06 for females and 1.05 for males. These ratios were chosen based on the analysis by Francisco R. Bayo and Joseph F. Faber contained in the paper "Mortality Experience Around Age 100," in the *Transactions of the Society of Actuaries*, Volume XXXV. An initial life table for each sex was then constructed using these probabilities of death. On subsequent iterations, the life table probability of death for each age 5 through 94 was adjusted so that the central death rates for the five-year age groups obtained by weighting the single age life table central death rates by the population would equal the corresponding population five-year age group central death rates. This adjustment corrects for the fact that the distribution within each quinquennial age group in the life table population generally differs from that in the actual population. For more detail on the method used to produce the life tables for these population projections see Actuarial Study No. 107, "Life Tables For The United States

Social Security Area: 1900-2080" by Felicitie C. Bell, Alice H. Wade and Stephen C. Goss.

### 2. Number of Deaths

The number of deaths occurring at each age and sex was calculated as the difference between the number of people alive at the beginning of the year and the product of the number of people alive at the beginning of the year and the probability of survival. Deaths to newborn babies were computed using a similar formula. However, deaths to immigrants newly arriving in the year were disregarded. The numbers of deaths were then distributed by marital status in the same proportions as would have been produced by applying the marital-status specific probabilities of survival to the population by marital status at the beginning of the year. Projected numbers of deaths are given in Table 19 by alternative.

### 3. Number of Widowings

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

## C. Net Immigration

The assumed net immigration for each age and sex was distributed among the single (never married), married, widowed, and divorced populations based on the proportions as existed in the nonmarried (single plus widowed plus divorced) population at the beginning of the year. Adjustments were required in order to ensure that the numbers of net married immigrants would be consistent with the estimates of the married population by age of husband crossed with age of wife at the beginning of the year.

## D. Marriage

The number of marriages occurring at each age of husband crossed with each age of wife is, in theory, obtained by multiplying the age-of-husband-age-of-wife-specific marriage rates with the geometric mean of the midyear male population exposed to marriage and the midyear female population exposed to marriage. Thus, the midyear populations exposed to marriage must be estimated from the beginning of the year nonmarried populations. Because the midyear populations exposed to marriage depend on the number of marriages during the first half of the year, the

process of obtaining the number of marriages is performed iteratively.

As a first approximation, the midyear male population exposed to marriage was calculated by age as the average of the number of nonmarried males at the beginning of the year and an estimate of the number of nonmarried males at the end of the year. The nonmarried male population at the end of the year was estimated from the population at the beginning of the year by subtracting deaths and adding new immigrants, widows, and divorces during the year. The female population exposed to marriage was approximated similarly. As a second approximation, the midyear male population exposed to marriage was calculated in the same manner as the previously calculated midyear male population of the given age exposed to marriage less one-half of all marriages involving men of the given age. (The number of marriages being obtained by using the first midyear nonmarried population approximations). The female population exposed to marriage was similarly approximated. The difference between the number of marriages obtained by using the two midyear population approximations was calculated. The iterative process was continued until the difference between the number of marriages was small. The numbers of marriages were then distributed by previous marital status in the same proportions as would have been produced by applying the previous marital-status-specific marriage rates to the population by marital status at the beginning of the year. Projected numbers of marriages are given in Table 19 by alternative.

### E. Divorce

The number of divorces during a year occurring at each age of husband crossed with each age of wife is, in theory, obtained by multiplying the age-of-husband-age-of-wife-specific divorce rates for that year with the midyear number of married couples in that age crossing. Because the numbers of marriages by age of husband crossed with age of wife are only available as of the beginning of the year, midyear estimates of these numbers must be made. In addition, because these estimates depend on the number of marriages and divorces occurring during the first half of the year, the process of obtaining these estimates is performed by a series of iterations.

For the first iteration, the numbers of new marriages during the first half of the year is assumed to be zero. As a first approximation, for each age of husband crossed with age of wife, the midyear married population is estimated from the beginning of year married population by adjusting for the number of widowings, dissolutions occurring when both husband and wife die, and net immigrants during the first half of the year. As second approximation, the married population is calculated in the same manner with an additional adjustment of subtracting one-half of all divorces occurring during the year to couples of those age crossing.

(The number of divorces being obtained by using the first midyear married population approximations). The total numbers of divorces over all age crossings using the two midyear married population approximations were calculated and the totals was determined. The first iterative process was continued until the difference between the successive totals was small.

For the second iteration, the process above was repeated except using an additional adjustment of adding in one-half of the new marriages to all of the midyear population calculations. (The number of new marriages being estimated by an iterative process as described in the next section). This process was continued until the iteration series described above and the iteration described in the next section, using the most recent estimates of numbers of new divorces, were completed with acceptable results. Projected numbers of divorces are given in Table 19 by alternative.

**Table 19. -- Selected Vital Events in the Social Security Area by Calendar Year and Alternative**  
(In thousands)

Alternative and calendar year	Births	Deaths	Marriages	Divorces	Widowings
Alternative I :					
1994	4,078	2,395	2,389	1,248	1,006
1995	4,062	2,381	2,450	1,246	1,001
1996	4,054	2,419	2,450	1,250	1,016
1997	4,052	2,457	2,454	1,246	1,030
1998	4,056	2,494	2,459	1,242	1,043
1999	4,064	2,531	2,466	1,242	1,055
2000	4,076	2,569	2,474	1,245	1,067
2005	4,210	2,750	2,527	1,250	1,123
2010	4,472	2,917	2,583	1,261	1,181
2015	4,707	3,090	2,606	1,278	1,250
2020	4,880	3,309	2,587	1,293	1,335
2025	4,958	3,590	2,706	1,291	1,427
2030	5,080	3,913	2,815	1,309	1,506
2035	5,263	4,227	2,930	1,338	1,554
2040	5,473	4,475	3,043	1,375	1,566
2045	5,659	4,625	3,142	1,415	1,555
2050	5,817	4,689	3,230	1,457	1,541
2055	5,970	4,710	3,321	1,500	1,538
2060	6,143	4,745	3,422	1,544	1,556
2065	6,335	4,831	3,528	1,589	1,589
2070	6,529	4,964	3,632	1,636	1,629
2075	6,715	5,110	3,734	1,683	1,669
2080	6,895	5,243	3,836	1,730	1,709
Alternative II :					
1994	4,078	2,395	2,389	1,248	1,006
1995	4,037	2,399	2,475	1,246	1,012
1996	4,001	2,420	2,492	1,243	1,021
1997	3,970	2,442	2,511	1,233	1,029
1998	3,945	2,465	2,530	1,224	1,037
1999	3,926	2,488	2,550	1,219	1,045
2000	3,911	2,511	2,571	1,218	1,052
2005	3,906	2,623	2,679	1,210	1,087
2010	4,015	2,757	2,790	1,216	1,141
2015	4,077	2,914	2,861	1,232	1,218
2020	4,055	3,106	2,867	1,246	1,312



**Table 19. -- Selected Vital Events in the Social Security Area by Calendar Year and Alternative**  
(continued)  
(In thousands)

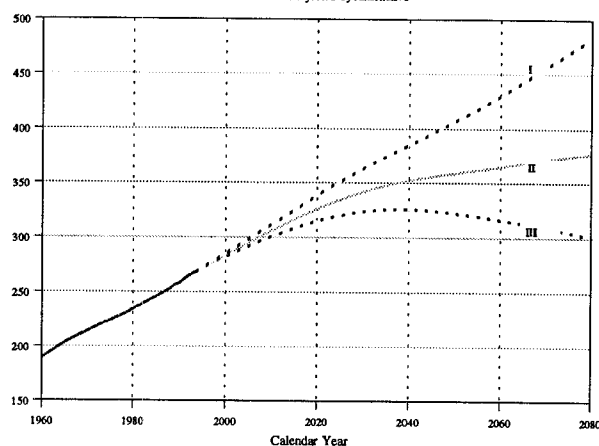
Alternative and calendar year	Births	Deaths	Marriages	Divorces	Widowings
Alternative II: (continued)					
2025	4,038	3,347	2,884	1,260	1,416
2030	4,030	3,630	2,911	1,273	1,512
2035	4,053	3,915	2,945	1,285	1,582
2040	4,086	4,155	2,970	1,294	1,619
2045	4,106	4,311	2,981	1,300	1,627
2050	4,109	4,379	2,987	1,306	1,623
2055	4,111	4,381	2,995	1,312	1,619
2060	4,122	4,369	3,008	1,318	1,628
2065	4,140	4,385	3,022	1,324	1,648
2070	4,158	4,444	3,033	1,330	1,674
2075	4,170	4,522	3,041	1,336	1,694
2080	4,179	4,586	3,049	1,341	1,704
Alternative III :					
1994	4,078	2,395	2,389	1,248	1,006
1995	4,010	2,403	2,527	1,246	1,016
1996	3,946	2,413	2,586	1,237	1,022
1997	3,887	2,426	2,646	1,224	1,028
1998	3,836	2,439	2,703	1,212	1,034
1999	3,789	2,464	2,758	1,206	1,045
2000	3,747	2,486	2,812	1,205	1,055
2005	3,603	2,548	3,069	1,206	1,083
2010	3,567	2,615	3,308	1,232	1,123
2015	3,483	2,728	3,471	1,270	1,200
2020	3,305	2,876	3,502	1,297	1,305
2025	3,223	3,069	3,259	1,329	1,427
2030	3,123	3,303	3,143	1,329	1,544
2035	3,035	3,557	3,067	1,317	1,641
2040	2,955	3,788	2,982	1,294	1,704
2045	2,874	3,955	2,896	1,264	1,734
2050	2,790	4,037	2,819	1,234	1,741
2055	2,712	4,041	2,746	1,206	1,735
2060	2,641	4,003	2,678	1,180	1,731
2065	2,575	3,971	2,612	1,154	1,736
2070	2,512	3,978	2,546	1,128	1,748
2075	2,449	4,014	2,481	1,103	1,753
2080	2,390	4,045	2,420	1,079	1,741

## V. Results

### A. Total Population

Table 20 displays the resulting Social Security Area population by age group, sex, marital status, and alternative as of January 1 for selected years. The past and projected total population is shown graphically in Figure 6. Under alternative I (with greater-than-replacement fertility), the total population increases rapidly from 269 million in 1994 to 483 million in 2080. Under alternative II, the total population increases gradually to 377 million in 2080. Under alternative III, the total population increases to 326 million in 2038 and then decreases to 301 million in 2080, due to the compounding effect of below-replacement fertility which is only partially offset by the positive net immigration.

Figure 6 - Social Security Area Population (in millions), 1960 - 2080  
Actual and Projected by Alternative



**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Sex and marital status										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
1990:											
0-4	19,937	10,198	10,198	0	0	0	9,738	9,738	0	0	0
5-9	19,178	9,811	9,811	0	0	0	9,367	9,367	0	0	0
10-14	17,748	9,081	9,081	0	0	0	8,667	8,666	1	0	0
15-19	18,043	9,233	9,094	127	1	12	8,810	8,366	420	8	17
20-24	19,702	10,082	7,916	2,037	4	124	9,620	6,002	3,302	15	302
25-29	22,743	11,613	5,356	5,650	7	600	11,130	3,293	6,939	41	857
30-34	22,977	11,678	3,133	7,562	25	958	11,299	1,827	8,176	94	1,202
35-39	20,650	10,409	1,634	7,564	39	1,171	10,241	988	7,667	160	1,427
40-44	18,090	9,056	916	7,011	49	1,079	9,034	626	6,792	243	1,374
45-49	14,320	7,125	581	5,646	70	828	7,195	421	5,421	295	1,058
50-54	11,766	5,808	360	4,701	107	639	5,958	281	4,511	412	755
55-59	10,877	5,293	327	4,339	134	492	5,584	243	3,969	760	612
60-64	10,930	5,186	324	4,208	246	407	5,744	254	3,805	1,222	463

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Sex and marital status										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>1990: (continued)</b>											
65-69 .....	10,220	4,675	275	3,739	350	310	5,545	258	3,210	1,716	361
70-74 .....	8,138	3,520	194	2,713	425	188	4,618	238	2,147	1,992	241
75-79 .....	6,131	2,410	125	1,761	440	85	3,721	224	1,160	2,197	140
80-84 .....	3,984	1,375	69	914	353	38	2,609	169	547	1,815	79
85-89 .....	2,129	627	32	324	254	17	1,503	97	237	1,124	45
90-94 .....	853	210	11	74	119	6	643	42	68	514	19
95 + .....	264	55	3	9	42	2	208	13	10	178	6
0-19 .....	74,906	38,324	38,184	127	1	12	36,583	36,137	421	8	17
20-64 .....	152,056	76,250	20,548	48,719	683	6,300	75,806	13,934	50,581	3,241	8,049
50-64 .....	33,574	16,287	1,012	13,248	487	1,539	17,286	778	12,285	2,394	1,829
62-64 .....	6,515	3,063	191	2,478	162	232	3,452	154	2,245	793	260
65 + .....	31,719	12,872	708	9,535	1,983	646	18,847	1,041	7,379	9,536	891
20-65 .....	154,196	77,241	20,608	49,517	746	6,370	76,954	13,986	51,286	3,553	8,130
20-66 .....	156,271	78,197	20,665	50,283	812	6,436	78,075	14,038	51,953	3,879	8,205
20-67 .....	158,289	79,118	20,720	51,020	882	6,497	79,171	14,089	52,587	4,219	8,276
20-68 .....	160,337	80,049	20,774	51,762	957	6,556	80,288	14,142	53,214	4,586	8,346
20-69 .....	162,276	80,925	20,823	52,459	1,033	6,610	81,351	14,192	53,792	4,957	8,410
66 + .....	29,579	11,880	648	8,737	1,920	575	17,698	989	6,675	9,224	811
67 + .....	27,503	10,925	591	7,971	1,854	510	16,578	937	6,007	8,898	735
68 + .....	25,485	10,004	537	7,234	1,785	449	15,481	886	5,373	8,558	664
69 + .....	23,438	9,073	483	6,492	1,709	389	14,365	834	4,747	8,190	594
70 + .....	21,499	8,197	433	5,795	1,633	336	13,302	783	4,169	7,820	530
<b>Total</b> .....	<b>258,681</b>	<b>127,446</b>	<b>59,440</b>	<b>58,381</b>	<b>2,667</b>	<b>6,958</b>	<b>131,235</b>	<b>51,112</b>	<b>58,381</b>	<b>12,785</b>	<b>8,957</b>
<b>1994:</b>											
0-4 .....	20,938	10,710	10,710	0	0	0	10,228	10,228	0	0	0
5-9 .....	19,872	10,168	10,168	0	0	0	9,704	9,704	0	0	0
10-14 .....	19,354	9,900	9,900	0	0	0	9,454	9,452	1	0	0
15-19 .....	17,621	9,008	8,885	111	1	11	8,613	8,209	381	8	15
20-24 .....	19,084	9,726	7,609	1,990	4	123	9,358	5,776	3,268	14	299
25-29 .....	20,678	10,538	4,871	5,111	7	550	10,140	2,962	6,365	37	775
30-34 .....	23,348	11,881	3,206	7,660	26	988	11,467	1,820	8,349	95	1,204
35-39 .....	22,609	11,424	1,816	8,258	44	1,305	11,185	1,058	8,422	172	1,533
40-44 .....	19,947	9,988	1,029	7,691	55	1,213	9,959	677	7,530	264	1,488
45-49 .....	16,935	8,428	704	6,640	84	1,000	8,507	490	6,446	340	1,230
50-54 .....	13,450	6,646	423	5,349	125	750	6,804	315	5,181	462	846
55-59 .....	11,208	5,476	347	4,464	142	523	5,733	246	4,101	764	621
60-64 .....	10,459	5,002	320	4,036	244	402	5,457	239	3,635	1,148	435
65-69 .....	10,150	4,670	281	3,715	355	318	5,480	253	3,196	1,677	354
70-74 .....	8,821	3,877	217	2,977	470	213	4,944	253	2,324	2,110	257
75-79 .....	6,567	2,655	140	1,929	491	95	3,912	242	1,243	2,295	132
80-84 .....	4,377	1,546	79	1,025	398	43	2,832	188	610	1,956	78
85-89 .....	2,437	723	37	373	293	19	1,714	114	278	1,275	47
90-94 .....	981	238	12	84	135	6	743	50	81	592	21
95 + .....	304	59	3	10	44	2	245	16	12	210	7
0-19 .....	77,785	39,786	39,663	111	1	11	37,999	37,594	382	8	15
20-64 .....	157,719	79,110	20,326	51,199	731	6,854	78,608	13,583	53,297	3,298	8,431
50-64 .....	35,118	17,125	1,091	13,848	511	1,675	17,993	800	12,917	2,375	1,902
62-64 .....	6,342	3,019	192	2,429	164	234	3,323	146	2,174	754	248
65 + .....	33,637	13,767	769	10,113	2,188	697	19,870	1,115	7,744	10,115	896
20-65 .....	159,825	80,099	20,388	51,990	795	6,926	79,726	13,634	53,987	3,597	8,508
20-66 .....	161,907	81,066	20,447	52,761	864	6,994	80,840	13,684	54,655	3,918	8,583
20-67 .....	163,922	81,991	20,502	53,497	934	7,057	81,930	13,735	55,291	4,252	8,653
20-68 .....	165,909	82,896	20,556	54,215	1,009	7,116	83,014	13,785	55,903	4,605	8,721
20-69 .....	167,869	83,780	20,608	54,914	1,086	7,172	84,089	13,836	56,492	4,975	8,785

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
1994: (continued)											
66 +	31,531	12,778	708	9,322	2,123	625	18,752	1,064	7,054	9,815	818
67 +	29,449	11,811	649	8,550	2,055	557	17,638	1,014	6,386	9,495	744
68 +	27,434	10,886	593	7,814	1,984	494	16,548	963	5,751	9,161	674
69 +	25,446	9,982	540	7,097	1,910	435	15,465	913	5,138	8,808	606
70 +	23,487	9,097	488	6,398	1,832	379	14,390	862	4,549	8,437	542
Total	269,141	132,663	60,758	61,423	2,920	7,562	136,477	52,292	61,423	13,420	9,342
Alternative I :											
1995:											
0-4	20,851	10,665	10,665	0	0	0	10,186	10,186	0	0	0
5-9	20,204	10,338	10,338	0	0	0	9,866	9,866	0	0	0
10-14	19,545	9,997	9,997	0	0	0	9,547	9,547	0	0	0
15-19	18,014	9,209	9,077	124	0	8	8,806	8,360	424	4	17
20-24	18,648	9,510	7,449	1,914	3	144	9,139	5,704	3,124	14	296
25-29	20,335	10,358	4,890	4,904	8	556	9,977	3,033	6,122	35	786
30-34	23,167	11,786	3,316	7,421	21	1,028	11,381	1,845	8,228	90	1,218
35-39	22,980	11,618	1,938	8,299	45	1,336	11,362	1,148	8,478	167	1,569
40-44	20,485	10,262	1,091	7,821	58	1,292	10,223	703	7,674	271	1,575
45-49	17,753	8,836	754	6,920	85	1,077	8,917	525	6,695	352	1,344
50-54	13,934	6,884	449	5,514	129	792	7,050	337	5,326	466	922
55-59	11,421	5,579	345	4,543	145	546	5,842	252	4,188	744	658
60-64	10,366	4,962	315	4,008	233	406	5,403	234	3,594	1,115	460
65-69	10,105	4,664	281	3,698	359	325	5,441	249	3,174	1,652	367
70-74	8,979	3,949	221	3,037	464	227	5,029	250	2,400	2,102	277
75-79	6,642	2,704	140	1,949	508	107	3,938	234	1,291	2,265	148
80-84	4,486	1,600	78	1,060	415	47	2,886	189	608	2,008	80
85-89	2,480	739	35	395	289	20	1,741	113	284	1,296	48
90-94	1,013	246	11	93	135	7	767	49	88	608	22
95 +	316	61	3	12	44	2	255	16	15	217	8
0-19	78,614	40,209	40,077	124	0	8	38,405	37,959	425	4	17
20-64	159,090	79,795	20,547	51,344	725	7,178	79,295	13,781	53,429	3,256	8,829
50-64	35,721	17,425	1,109	14,065	506	1,745	18,296	823	13,107	2,325	2,040
62-64	6,211	2,956	188	2,379	155	234	3,255	142	2,131	724	258
65 +	34,020	13,962	768	10,245	2,215	735	20,058	1,101	7,858	10,149	949
20-65	161,167	80,774	20,608	52,127	790	7,250	80,393	13,830	54,111	3,543	8,908
20-66	163,237	81,740	20,667	52,895	858	7,320	81,497	13,880	54,774	3,858	8,985
20-67	165,278	82,682	20,724	53,642	931	7,385	82,596	13,930	55,414	4,193	9,059
20-68	167,252	83,582	20,777	54,352	1,006	7,446	83,670	13,980	56,020	4,541	9,129
20-69	169,195	84,458	20,829	55,042	1,085	7,503	84,736	14,029	56,603	4,908	9,196
66 +	31,942	12,982	707	9,462	2,150	662	18,960	1,052	7,176	9,862	870
67 +	29,872	12,017	648	8,694	2,082	593	17,856	1,002	6,514	9,547	793
68 +	27,831	11,074	591	7,947	2,009	527	16,756	952	5,874	9,212	719
69 +	25,857	10,175	538	7,236	1,934	467	15,682	902	5,268	8,863	649
70 +	23,915	9,298	487	6,546	1,855	410	14,616	852	4,685	8,497	583
Total	271,723	133,966	61,392	61,713	2,940	7,921	137,757	52,841	61,713	13,409	9,795
2000:											
0-4	20,262	10,368	10,368	0	0	0	9,894	9,894	0	0	0
5-9	21,255	10,870	10,870	0	0	0	10,384	10,384	0	0	0
10-14	20,574	10,527	10,526	0	0	0	10,047	10,046	1	0	0
15-19	19,957	10,201	10,065	132	0	4	9,756	9,263	471	0	21
20-24	18,710	9,579	7,576	1,837	1	165	9,131	5,864	2,960	7	300
25-29	19,498	9,963	4,939	4,426	5	594	9,535	3,215	5,516	30	775
30-34	20,902	10,629	3,329	6,268	13	1,019	10,273	1,901	7,123	66	1,184
35-39	23,435	11,880	2,565	7,908	32	1,376	11,554	1,403	8,435	140	1,576

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
<b>2000: (continued)</b>											
40-44 .....	23,050	11,607	1,636	8,333	65	1,573	11,443	984	8,359	246	1,855
45-49 .....	20,420	10,186	964	7,695	93	1,433	10,235	640	7,436	383	1,775
50-54 .....	17,547	8,684	685	6,763	136	1,100	8,863	496	6,394	521	1,452
55-59 .....	13,612	6,661	403	5,334	187	737	6,951	324	4,979	703	944
60-64 .....	10,936	5,261	304	4,268	218	472	5,675	244	3,759	1,031	641
65-69 .....	9,589	4,474	266	3,541	327	341	5,115	223	3,001	1,449	441
70-74 .....	8,923	3,961	223	3,004	470	264	4,962	227	2,411	1,982	342
75-79 .....	7,409	3,073	153	2,203	545	171	4,336	214	1,597	2,281	243
80-84 .....	4,905	1,816	75	1,194	475	72	3,089	179	707	2,087	116
85-89 .....	2,775	852	29	479	316	27	1,923	119	262	1,489	53
90-94 .....	1,152	279	8	125	137	9	873	50	98	699	27
95 + .....	358	67	1	20	43	3	291	14	22	244	12
0-19 .....	82,047	41,966	41,830	132	0	4	40,081	39,587	472	0	21
20-64 .....	168,111	84,449	22,400	52,831	750	8,469	83,662	15,072	54,961	3,127	10,501
50-64 .....	42,095	20,606	1,391	16,364	541	2,309	21,490	1,065	15,132	2,256	3,037
62-64 .....	6,334	3,033	177	2,461	136	259	3,301	141	2,135	664	361
65 + .....	35,111	14,522	755	10,568	2,313	886	20,589	1,026	8,097	10,231	1,234
20-65 .....	170,103	85,394	22,456	53,591	802	8,545	84,709	15,117	55,611	3,377	10,603
20-66 .....	172,005	86,289	22,509	54,304	862	8,615	85,716	15,161	56,214	3,645	10,696
20-67 .....	173,889	87,167	22,561	54,998	927	8,681	86,722	15,205	56,803	3,932	10,782
20-68 .....	175,790	88,046	22,614	55,688	998	8,746	87,745	15,250	57,390	4,241	10,864
20-69 .....	177,700	88,924	22,666	56,372	1,077	8,809	88,776	15,295	57,962	4,577	10,942
66 + .....	33,119	13,577	700	9,808	2,261	809	19,542	981	7,447	9,981	1,132
67 + .....	31,217	12,682	646	9,095	2,201	740	18,535	937	6,845	9,713	1,039
68 + .....	29,332	11,804	594	8,401	2,136	673	17,529	893	6,255	9,427	953
69 + .....	27,432	10,926	541	7,711	2,065	608	16,506	849	5,669	9,117	872
70 + .....	25,522	10,047	490	7,027	1,986	545	15,474	803	5,096	8,782	793
Total .....	285,269	140,937	64,985	63,531	3,063	9,358	144,332	55,686	63,531	13,359	11,757
<b>2005:</b>											
0-4 .....	20,576	10,529	10,529	0	0	0	10,046	10,046	0	0	0
5-9 .....	20,669	10,575	10,575	0	0	0	10,094	10,094	0	0	0
10-14 .....	21,625	11,060	11,060	0	0	0	10,566	10,565	1	0	0
15-19 .....	20,986	10,730	10,596	130	0	4	10,256	9,763	471	0	22
20-24 .....	20,647	10,567	8,471	1,917	1	178	10,080	6,650	3,092	7	331
25-29 .....	19,564	10,035	5,116	4,304	4	611	9,529	3,448	5,274	24	783
30-34 .....	20,074	10,239	3,444	5,772	11	1,012	9,835	2,073	6,549	59	1,155
35-39 .....	21,192	10,738	2,606	6,828	24	1,280	10,454	1,450	7,434	111	1,459
40-44 .....	23,511	11,872	2,188	8,020	54	1,610	11,639	1,203	8,355	216	1,864
45-49 .....	22,967	11,518	1,463	8,226	101	1,728	11,449	896	8,125	363	2,065
50-54 .....	20,177	10,010	884	7,525	151	1,450	10,167	608	7,130	557	1,872
55-59 .....	17,128	8,403	620	6,540	213	1,030	8,725	475	6,005	784	1,460
60-64 .....	13,033	6,289	358	5,020	271	641	6,743	312	4,483	1,035	914
65-69 .....	10,123	4,758	257	3,781	325	395	5,365	232	3,145	1,382	606
70-74 .....	8,466	3,811	211	2,885	440	275	4,655	205	2,269	1,778	403
75-79 .....	7,354	3,087	156	2,179	556	197	4,267	195	1,588	2,190	295
80-84 .....	5,446	2,054	82	1,342	521	108	3,392	164	866	2,176	186
85-89 .....	3,004	953	27	551	336	38	2,051	112	301	1,562	77
90-94 .....	1,268	313	6	138	158	11	954	52	75	798	29
95 + .....	389	71	1	22	45	3	318	13	19	272	15
0-19 .....	83,856	42,894	42,760	130	0	4	40,962	40,468	471	0	22
20-64 .....	178,294	89,671	25,149	54,153	830	9,540	88,623	17,116	56,446	3,157	11,903
50-64 .....	50,338	24,702	1,862	19,085	634	3,121	25,635	1,395	17,618	2,376	4,246
62-64 .....	7,402	3,558	189	2,849	170	349	3,844	171	2,527	651	495
65 + .....	36,050	15,047	741	10,898	2,380	1,028	21,003	972	8,263	10,158	1,609

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
<b>2005: (continued)</b>											
20-65	180,485	90,714	25,204	54,989	886	9,635	89,771	17,166	57,173	3,391	12,041
20-66	182,607	91,718	25,258	55,789	951	9,720	90,889	17,215	57,839	3,665	12,171
20-67	184,619	92,664	25,309	56,540	1,017	9,797	91,956	17,261	58,458	3,945	12,291
20-68	186,535	93,557	25,358	57,248	1,083	9,867	92,978	17,305	59,036	4,233	12,404
20-69	188,417	94,429	25,406	57,933	1,155	9,935	93,988	17,348	59,592	4,539	12,509
66 +	33,859	14,004	686	10,062	2,324	932	19,854	922	7,537	9,923	1,472
67 +	31,737	13,000	632	9,262	2,259	847	18,737	874	6,871	9,650	1,342
68 +	29,725	12,054	581	8,511	2,193	770	17,670	827	6,252	9,370	1,222
69 +	27,809	11,161	532	7,803	2,126	700	16,648	783	5,674	9,082	1,109
70 +	25,927	10,289	484	7,118	2,055	632	15,638	740	5,118	8,776	1,004
Total	298,200	147,612	68,650	65,181	3,210	10,571	150,588	58,557	65,181	13,315	13,535
<b>2010:</b>											
0-4	21,539	11,023	11,023	0	0	0	10,516	10,516	0	0	0
5-9	20,984	10,737	10,737	0	0	0	10,247	10,247	0	0	0
10-14	21,041	10,765	10,765	0	0	0	10,276	10,275	1	0	0
15-19	22,036	11,262	11,126	132	0	4	10,774	10,274	476	0	23
20-24	21,675	11,095	9,005	1,907	1	182	10,580	7,144	3,087	6	343
25-29	21,495	11,018	5,867	4,477	4	669	10,477	4,079	5,497	25	876
30-34	20,142	10,312	3,610	5,653	9	1,039	9,831	2,285	6,313	53	1,180
35-39	20,373	10,352	2,724	6,354	21	1,254	10,020	1,603	6,897	101	1,420
40-44	21,298	10,749	2,230	7,004	43	1,471	10,549	1,243	7,430	179	1,697
45-49	23,435	11,787	1,969	7,961	90	1,768	11,648	1,097	8,145	331	2,075
50-54	22,692	11,322	1,351	8,062	163	1,746	11,369	851	7,809	546	2,163
55-59	19,693	9,691	807	7,284	239	1,360	10,002	583	6,722	835	1,862
60-64	16,390	7,940	554	6,157	325	904	8,450	452	5,437	1,160	1,401
65-69	12,056	5,697	306	4,453	398	539	6,359	295	3,763	1,444	858
70-74	8,936	4,064	206	3,086	453	320	4,872	213	2,382	1,732	545
75-79	6,967	2,973	148	2,095	526	204	3,994	175	1,482	1,995	342
80-84	5,387	2,056	84	1,323	529	122	3,331	149	844	2,115	222
85-89	3,308	1,063	29	611	369	54	2,245	102	358	1,665	120
90-94	1,347	341	6	161	160	15	1,006	48	86	831	41
95 +	412	75	1	22	49	4	336	13	12	295	16
0-19	85,600	43,787	43,651	132	0	4	41,813	41,312	477	0	23
20-64	187,193	94,266	28,118	54,860	895	10,393	92,927	19,337	57,338	3,235	13,017
50-64	58,774	28,953	2,713	21,503	726	4,010	29,822	1,887	19,968	2,540	5,426
62-64	9,343	4,510	305	3,514	205	487	4,833	253	3,075	726	778
65 +	38,412	16,270	778	11,750	2,484	1,257	22,142	994	8,927	10,077	2,144
20-65	189,822	95,521	28,193	55,847	961	10,521	94,301	19,406	58,193	3,480	13,222
20-66	192,464	96,778	28,264	56,827	1,045	10,642	95,687	19,471	59,020	3,782	13,413
20-67	194,953	97,954	28,326	57,745	1,131	10,753	96,999	19,530	59,792	4,088	13,588
20-68	197,174	98,996	28,376	58,559	1,213	10,848	98,178	19,583	60,476	4,381	13,738
20-69	199,249	99,963	28,424	59,313	1,293	10,933	99,286	19,632	61,101	4,679	13,874
66 +	35,783	15,015	703	10,764	2,418	1,130	20,768	925	8,072	9,833	1,939
67 +	33,141	13,759	632	9,783	2,334	1,009	19,382	860	7,245	9,530	1,747
68 +	30,652	12,582	571	8,865	2,248	898	18,070	801	6,473	9,224	1,573
69 +	28,431	11,540	520	8,051	2,166	803	16,891	748	5,789	8,931	1,423
70 +	26,356	10,573	472	7,297	2,086	718	15,783	699	5,164	8,633	1,286
Total	311,205	154,323	72,548	66,742	3,379	11,655	156,882	61,643	66,742	13,313	15,184
<b>2020:</b>											
0-4	23,902	12,234	12,234	0	0	0	11,668	11,668	0	0	0
5-9	23,259	11,902	11,902	0	0	0	11,356	11,356	0	0	0
10-14	22,321	11,422	11,422	0	0	0	10,899	10,898	1	0	0
15-19	21,772	11,133	11,015	114	0	4	10,639	10,195	422	0	22
20-24	22,147	11,337	9,403	1,754	1	180	10,810	7,544	2,913	6	347

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Sex and marital status										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
<b>2020: (continued)</b>											
25-29 .....	23,566	12,073	6,908	4,435	4	725	11,493	4,946	5,549	24	974
30-34 .....	23,086	11,811	4,678	5,912	9	1,211	11,275	3,172	6,634	54	1,416
35-39 .....	22,353	11,393	3,427	6,512	19	1,435	10,960	2,240	6,966	97	1,657
40-44 .....	20,564	10,447	2,484	6,454	35	1,474	10,118	1,552	6,715	155	1,696
45-49 .....	20,467	10,321	2,121	6,566	67	1,566	10,146	1,264	6,799	265	1,818
50-54 .....	21,037	10,526	1,870	6,911	128	1,618	10,511	1,078	7,027	450	1,956
55-59 .....	22,612	11,232	1,684	7,615	247	1,686	11,379	998	7,419	809	2,153
60-64 .....	21,186	10,370	1,124	7,381	404	1,461	10,816	773	6,718	1,279	2,046
65-69 .....	17,407	8,305	630	6,093	560	1,022	9,102	516	5,176	1,761	1,650
70-74 .....	13,362	6,159	387	4,466	682	624	7,203	382	3,529	2,130	1,162
75-79 .....	8,772	3,821	175	2,660	662	324	4,950	229	1,910	2,167	644
80-84 .....	5,407	2,130	78	1,379	528	146	3,277	141	841	1,954	341
85-89 .....	3,106	1,029	29	586	353	62	2,077	85	316	1,511	164
90-94 .....	1,474	382	6	176	177	23	1,092	40	93	884	75
95 + .....	480	90	1	27	56	6	389	11	15	332	31
0-19 .....	91,254	46,691	46,573	114	0	4	44,563	44,118	423	0	22
20-64 .....	197,018	99,510	33,698	53,541	914	11,357	97,508	23,567	56,740	3,138	14,063
50-64 .....	64,834	32,129	4,677	21,907	779	4,765	32,706	2,849	21,164	2,538	6,155
62-64 .....	12,391	6,041	620	4,328	263	830	6,350	416	3,909	823	1,202
65 + .....	50,007	21,917	1,305	15,388	3,018	2,206	28,091	1,403	11,881	10,738	4,068
20-65 .....	200,849	101,359	33,854	54,890	1,007	11,608	99,489	23,682	57,921	3,439	14,447
20-66 .....	204,501	103,111	33,994	56,172	1,119	11,826	101,390	23,791	59,014	3,799	14,786
20-67 .....	207,986	104,773	34,118	57,392	1,236	12,028	103,213	23,894	60,045	4,163	15,111
20-68 .....	211,287	106,338	34,227	58,545	1,354	12,212	104,950	23,991	61,011	4,528	15,420
20-69 .....	214,425	107,815	34,327	59,634	1,473	12,380	106,610	24,083	61,916	4,899	15,713
66 + .....	46,177	20,067	1,148	14,039	2,924	1,956	26,110	1,289	10,700	10,437	3,684
67 + .....	42,525	18,316	1,008	12,757	2,812	1,738	24,209	1,179	9,607	10,078	3,346
68 + .....	39,039	16,653	884	11,537	2,696	1,536	22,386	1,076	8,576	9,714	3,021
69 + .....	35,738	15,089	775	10,384	2,577	1,352	20,649	979	7,610	9,349	2,711
70 + .....	32,600	13,612	675	9,295	2,458	1,184	18,989	887	6,705	8,978	2,419
Total .....	338,279	168,118	81,576	69,043	3,931	13,567	170,162	69,089	69,043	13,877	18,153
<b>2030:</b>											
0-4 .....	25,022	12,808	12,808	0	0	0	12,214	12,214	0	0	0
5-9 .....	24,969	12,779	12,779	0	0	0	12,190	12,190	0	0	0
10-14 .....	24,684	12,633	12,633	0	0	0	12,052	12,051	1	0	0
15-19 .....	24,044	12,297	12,170	123	0	4	11,747	11,277	447	0	23
20-24 .....	23,423	11,991	10,005	1,802	1	184	11,432	8,125	2,950	6	352
25-29 .....	23,311	11,951	6,986	4,268	4	693	11,360	5,074	5,334	22	931
30-34 .....	23,560	12,054	5,111	5,742	9	1,193	11,505	3,487	6,554	50	1,415
35-39 .....	24,405	12,434	4,215	6,669	18	1,531	11,972	2,835	7,244	95	1,798
40-44 .....	23,471	11,919	3,310	6,903	35	1,672	11,552	2,223	7,197	158	1,974
45-49 .....	22,423	11,344	2,700	6,858	62	1,723	11,079	1,792	6,969	258	2,061
50-54 .....	20,349	10,252	2,092	6,491	106	1,563	10,097	1,350	6,435	404	1,908
55-59 .....	19,814	9,872	1,822	6,412	191	1,446	9,942	1,152	6,257	689	1,844
60-64 .....	19,705	9,679	1,568	6,442	335	1,335	10,026	980	6,086	1,131	1,829
65-69 .....	20,003	9,648	1,331	6,450	595	1,271	10,355	875	5,761	1,827	1,893
70-74 .....	17,264	8,056	800	5,402	848	1,006	9,207	643	4,429	2,457	1,678
75-79 .....	12,675	5,592	370	3,675	937	610	7,083	396	2,718	2,748	1,221
80-84 .....	8,151	3,273	155	2,036	799	285	4,878	253	1,328	2,573	724
85-89 .....	3,990	1,363	36	772	456	98	2,627	114	445	1,759	310
90-94 .....	1,524	412	6	194	185	27	1,112	40	98	857	117
95 + .....	482	94	1	29	57	8	388	10	13	319	46
0-19 .....	98,720	50,516	50,389	123	0	4	48,204	47,732	448	0	23

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**

(In thousands)

Alternative, year, and age group	Sex and marital status										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
<b>2030: (continued)</b>											
20-64	200,461	101,496	37,810	51,586	761	11,339	98,965	27,018	55,026	2,811	14,111
50-64	59,869	29,804	5,483	19,345	632	4,344	30,065	3,482	18,779	2,223	5,581
62-64	11,727	5,742	882	3,854	222	784	5,985	543	3,610	737	1,095
65 +	64,089	28,438	2,698	18,557	3,878	3,305	35,651	2,330	14,792	12,540	5,989
20-65	204,519	103,471	38,105	52,904	851	11,610	101,048	27,200	56,237	3,106	14,504
20-66	208,586	105,443	38,388	54,218	963	11,873	103,143	27,384	57,420	3,460	14,879
20-67	212,619	107,389	38,653	55,520	1,087	12,130	105,230	27,560	58,581	3,835	15,254
20-68	216,587	109,294	38,907	56,797	1,218	12,372	107,293	27,731	59,708	4,227	15,628
20-69	220,464	111,144	39,141	58,036	1,356	12,610	109,320	27,892	60,787	4,637	16,004
66 +	60,031	26,464	2,403	17,239	3,787	3,034	33,567	2,147	13,581	12,244	5,595
67 +	55,964	24,492	2,120	15,926	3,675	2,771	31,472	1,963	12,398	11,890	5,221
68 +	51,931	22,546	1,856	14,623	3,552	2,515	29,386	1,787	11,237	11,516	4,845
69 +	47,963	20,641	1,601	13,347	3,420	2,273	27,322	1,616	10,111	11,123	4,472
70 +	44,086	18,791	1,367	12,107	3,282	2,034	25,295	1,455	9,031	10,713	4,096
Total	363,270	180,451	90,898	70,266	4,638	14,649	182,819	77,080	70,266	15,351	20,123
<b>2040:</b>											
0-4	26,762	13,699	13,699	0	0	0	13,063	13,063	0	0	0
5-9	26,175	13,397	13,397	0	0	0	12,778	12,778	0	0	0
10-14	25,807	13,208	13,208	0	0	0	12,598	12,598	1	0	0
15-19	25,753	13,172	13,035	133	0	4	12,581	12,069	486	0	25
20-24	25,777	13,195	11,008	1,983	1	203	12,582	8,950	3,239	6	387
25-29	25,569	13,103	7,662	4,678	4	759	12,465	5,635	5,791	23	1,016
30-34	24,830	12,704	5,375	6,071	9	1,249	12,126	3,756	6,848	50	1,472
35-39	24,161	12,319	4,191	6,636	17	1,475	11,841	2,847	7,184	89	1,722
40-44	23,946	12,164	3,589	6,910	33	1,631	11,783	2,405	7,295	151	1,931
45-49	24,447	12,366	3,315	7,195	62	1,793	12,081	2,249	7,408	257	2,167
50-54	23,192	11,685	2,788	7,081	109	1,707	11,507	1,925	7,018	415	2,148
55-59	21,717	10,862	2,322	6,822	184	1,535	10,855	1,625	6,507	680	2,043
60-64	19,124	9,466	1,758	6,173	285	1,249	9,657	1,224	5,638	1,034	1,761
65-69	17,605	8,523	1,445	5,548	470	1,061	9,082	1,012	4,881	1,585	1,604
70-74	16,120	7,558	1,124	4,806	723	905	8,562	815	4,029	2,228	1,490
75-79	14,594	6,522	796	3,961	1,012	754	8,072	664	3,063	2,949	1,395
80-84	10,565	4,309	333	2,517	1,005	455	6,255	426	1,711	3,075	1,043
85-89	5,828	2,028	82	1,098	664	184	3,800	198	664	2,348	589
90-94	2,370	659	13	298	294	54	1,710	73	166	1,218	252
95 +	639	131	1	39	78	12	509	13	21	389	86
0-19	104,496	53,476	53,339	133	0	4	51,020	50,507	487	0	25
20-64	212,762	107,865	42,009	53,550	704	11,602	104,897	30,616	56,928	2,705	14,648
50-64	64,033	32,014	6,868	20,076	578	4,492	32,019	4,774	19,163	2,129	5,953
62-64	11,094	5,477	983	3,598	185	711	5,617	682	3,256	666	1,014
65 +	67,720	29,731	3,793	18,268	4,246	3,425	37,990	3,201	14,536	13,793	6,460
20-65	216,275	109,586	42,305	54,685	778	11,819	106,689	30,822	57,939	2,963	14,964
20-66	219,717	111,264	42,586	55,791	860	12,028	108,453	31,013	58,918	3,248	15,274
20-67	223,196	112,950	42,872	56,890	952	12,236	110,246	31,211	59,886	3,561	15,589
20-68	226,778	114,673	43,166	58,000	1,057	12,449	112,105	31,422	60,856	3,910	15,917
20-69	230,367	116,388	43,453	59,098	1,174	12,663	113,979	31,628	61,809	4,290	16,252
66 +	64,207	28,009	3,497	17,133	4,172	3,208	36,198	2,995	13,525	13,534	6,144
67 +	60,765	26,331	3,216	16,027	4,090	2,999	34,434	2,805	12,546	13,250	5,834
68 +	57,286	24,646	2,930	14,927	3,998	2,791	32,640	2,607	11,578	12,936	5,519
69 +	53,704	22,923	2,635	13,818	3,892	2,577	30,782	2,395	10,608	12,588	5,191
70 +	50,115	21,207	2,348	12,720	3,775	2,364	28,908	2,189	9,655	12,208	4,856
Total	384,978	191,071	99,140	71,951	4,950	15,031	193,906	84,325	71,951	16,498	21,133

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
<b>2060:</b>											
0-4	30,225	15,473	15,473	0	0	0	14,752	14,752	0	0	0
5-9	29,832	15,270	15,270	0	0	0	14,561	14,561	0	0	0
10-14	29,436	15,068	15,068	0	0	0	14,368	14,368	1	0	0
15-19	28,973	14,822	14,668	149	0	5	14,151	13,580	543	0	28
20-24	28,632	14,657	12,226	2,204	1	225	13,976	9,933	3,605	6	431
25-29	28,472	14,588	8,524	5,214	4	846	13,884	6,237	6,488	24	1,135
30-34	28,283	14,466	6,136	6,896	9	1,424	13,818	4,263	7,818	55	1,682
35-39	28,087	14,317	4,897	7,681	19	1,720	13,770	3,352	8,312	98	2,008
40-44	27,519	13,979	4,135	7,937	36	1,871	13,540	2,850	8,315	163	2,213
45-49	26,431	13,384	3,580	7,845	63	1,897	13,047	2,496	8,008	261	2,282
50-54	24,920	12,569	3,149	7,567	108	1,745	12,351	2,221	7,519	417	2,194
55-59	23,498	11,775	2,810	7,250	180	1,536	11,722	2,015	6,983	678	2,047
60-64	22,298	11,063	2,544	6,899	294	1,326	11,236	1,866	6,370	1,082	1,917
65-69	21,142	10,305	2,286	6,371	485	1,163	10,837	1,776	5,555	1,658	1,849
70-74	17,964	8,522	1,707	5,207	691	917	9,442	1,443	4,200	2,193	1,606
75-79	14,281	6,468	1,130	3,816	855	667	7,814	1,088	2,794	2,616	1,315
80-84	9,792	4,078	552	2,310	823	393	5,714	681	1,498	2,626	909
85-89	6,054	2,163	206	1,119	638	200	3,891	392	657	2,255	586
90-94	2,991	862	49	371	358	84	2,129	166	206	1,419	338
95+	1,201	256	5	71	147	33	944	43	36	651	215
0-19	118,466	60,633	60,480	149	0	5	57,833	57,261	544	0	28
20-64	238,141	120,798	48,000	59,494	714	12,590	117,344	35,233	63,418	2,783	15,909
50-64	70,716	35,407	8,503	21,716	582	4,606	35,309	6,102	20,872	2,177	6,158
62-64	13,235	6,550	1,495	4,089	194	772	6,685	1,103	3,738	707	1,137
65+	73,425	32,655	5,935	19,266	3,997	3,457	40,770	5,589	14,946	13,417	6,819
20-65	242,452	122,917	48,476	60,815	793	12,833	119,534	35,590	64,600	3,063	16,282
20-66	246,730	125,014	48,944	62,118	880	13,072	121,716	35,946	65,749	3,367	16,653
20-67	250,981	127,086	49,406	63,398	977	13,306	123,895	36,304	66,867	3,699	17,025
20-68	255,181	129,122	49,855	64,651	1,083	13,533	126,059	36,661	67,945	4,058	17,395
20-69	259,284	131,103	50,286	65,865	1,199	13,753	128,181	37,009	68,973	4,441	17,758
66+	69,115	30,535	5,459	17,944	3,919	3,214	38,580	5,232	13,764	13,137	6,446
67+	64,837	28,439	4,991	16,642	3,831	2,975	36,398	4,876	12,615	12,833	6,074
68+	60,586	26,367	4,529	15,361	3,735	2,741	34,219	4,518	11,498	12,501	5,702
69+	56,386	24,330	4,080	14,109	3,628	2,514	32,055	4,161	10,419	12,142	5,332
70+	52,283	22,350	3,649	12,895	3,513	2,294	29,933	3,813	9,391	11,759	4,969
Total	430,033	214,086	114,415	78,908	4,711	16,052	215,947	98,083	78,908	16,200	22,756
<b>2080:</b>											
0-4	33,976	17,395	17,395	0	0	0	16,582	16,582	0	0	0
5-9	33,475	17,137	17,137	0	0	0	16,339	16,339	0	0	0
10-14	32,896	16,840	16,840	0	0	0	16,056	16,055	1	0	0
15-19	32,328	16,540	16,369	166	0	5	15,788	15,149	607	0	31
20-24	32,088	16,425	13,700	2,472	1	253	15,663	11,124	4,048	7	484
25-29	32,111	16,448	9,611	5,878	4	955	15,663	7,043	7,312	26	1,281
30-34	31,884	16,303	6,914	7,773	10	1,606	15,581	4,832	8,794	59	1,896
35-39	31,273	15,941	5,435	8,571	20	1,914	15,333	3,738	9,255	104	2,235
40-44	30,341	15,416	4,541	8,775	38	2,061	14,925	3,116	9,202	171	2,436
45-49	29,290	14,838	3,969	8,698	67	2,104	14,452	2,726	8,927	275	2,523
50-54	28,292	14,279	3,612	8,558	118	1,992	14,013	2,510	8,564	449	2,490
55-59	27,278	13,685	3,310	8,374	200	1,801	13,593	2,373	8,090	743	2,387
60-64	25,680	12,767	2,958	7,950	323	1,537	12,912	2,211	7,309	1,182	2,209
65-69	23,019	11,264	2,492	7,026	504	1,243	11,754	1,974	6,080	1,741	1,960
70-74	19,483	9,288	1,952	5,671	715	949	10,195	1,668	4,574	2,304	1,649
75-79	15,671	7,149	1,399	4,175	892	684	8,522	1,356	3,078	2,756	1,332
80-84	11,623	4,886	831	2,697	922	437	6,737	1,044	1,771	2,915	1,007



**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative I: (continued)</b>											
2080: (continued)											
85-89	7,551	2,753	362	1,398	751	242	4,798	711	826	2,554	706
90-94	3,557	1,058	86	465	410	98	2,499	314	252	1,541	393
95 +	1,317	291	10	87	159	36	1,026	82	42	673	229
0-19	132,676	67,913	67,741	166	0	5	64,764	64,124	608	0	31
20-64	268,236	136,102	54,049	67,048	781	14,224	132,135	39,674	71,502	3,016	17,943
50-64	81,250	40,731	9,879	24,881	640	5,331	40,519	7,094	23,964	2,374	7,087
62-64	15,162	7,522	1,726	4,695	212	889	7,641	1,303	4,267	770	1,300
65 +	82,220	36,689	7,131	21,518	4,353	3,688	45,531	7,150	16,622	14,483	7,276
20-65	273,090	138,496	54,588	68,545	865	14,497	134,595	40,090	72,830	3,317	18,358
20-66	277,828	140,824	55,108	70,001	957	14,758	137,004	40,496	74,104	3,641	18,762
20-67	282,439	143,081	55,607	71,409	1,058	15,007	139,358	40,891	75,323	3,990	19,155
20-68	286,917	145,263	56,085	72,768	1,167	15,243	141,654	41,275	76,482	4,361	19,535
20-69	291,255	147,366	56,541	74,074	1,285	15,467	143,889	41,648	77,582	4,756	19,903
66 +	77,366	34,295	6,591	20,021	4,269	3,415	43,071	6,734	15,294	14,182	6,861
67 +	72,629	31,967	6,072	18,565	4,176	3,154	40,662	6,328	14,019	13,858	6,457
68 +	68,018	29,710	5,573	17,157	4,076	2,905	38,307	5,933	12,801	13,510	6,064
69 +	63,540	27,529	5,095	15,798	3,967	2,669	36,011	5,549	11,641	13,138	5,683
70 +	59,201	25,425	4,639	14,492	3,849	2,445	33,776	5,176	10,542	12,743	5,315
Total	483,133	240,704	128,921	88,732	5,134	17,917	242,429	110,948	88,732	17,499	25,250
<b>Alternative II :</b>											
1995:											
0-4	20,851	10,665	10,665	0	0	0	10,186	10,186	0	0	0
5-9	20,204	10,338	10,338	0	0	0	9,866	9,866	0	0	0
10-14	19,545	9,997	9,997	0	0	0	9,547	9,547	0	0	0
15-19	18,014	9,209	9,077	124	0	8	8,806	8,360	424	4	17
20-24	18,648	9,510	7,449	1,914	3	144	9,139	5,704	3,124	14	296
25-29	20,335	10,358	4,890	4,904	8	556	9,977	3,033	6,122	35	786
30-34	23,167	11,786	3,316	7,421	21	1,028	11,381	1,845	8,228	90	1,218
35-39	22,980	11,618	1,938	8,299	45	1,336	11,362	1,148	8,478	167	1,569
40-44	20,485	10,262	1,091	7,821	58	1,292	10,223	703	7,674	271	1,575
45-49	17,753	8,836	754	6,920	85	1,077	8,917	525	6,695	352	1,344
50-54	13,934	6,884	449	5,514	129	792	7,050	337	5,326	466	922
55-59	11,421	5,579	345	4,543	145	546	5,842	252	4,188	744	658
60-64	10,366	4,962	315	4,008	233	406	5,403	234	3,594	1,115	460
65-69	10,105	4,664	281	3,698	359	325	5,441	249	3,174	1,652	367
70-74	8,979	3,949	221	3,037	464	227	5,029	250	2,400	2,102	277
75-79	6,642	2,704	140	1,949	508	107	3,938	234	1,291	2,265	148
80-84	4,486	1,600	78	1,060	415	47	2,886	189	608	2,008	80
85-89	2,480	739	35	395	289	20	1,741	113	284	1,296	48
90-94	1,013	246	11	93	135	7	767	49	88	608	22
95 +	316	61	3	12	44	2	255	16	15	217	8
0-19	78,614	40,209	40,077	124	0	8	38,405	37,959	425	4	17
20-64	159,090	79,795	20,547	51,344	725	7,178	79,295	13,781	53,429	3,256	8,829
50-64	35,721	17,425	1,109	14,065	506	1,745	18,296	823	13,107	2,325	2,040
62-64	6,211	2,956	188	2,379	155	234	3,255	142	2,131	724	258
65 +	34,020	13,962	768	10,245	2,215	735	20,058	1,101	7,858	10,149	949
20-65	161,167	80,774	20,608	52,127	790	7,250	80,393	13,830	54,111	3,543	8,908
20-66	163,237	81,740	20,667	52,895	858	7,320	81,497	13,880	54,774	3,858	8,985
20-67	165,278	82,682	20,724	53,642	931	7,385	82,596	13,930	55,414	4,193	9,059
20-68	167,252	83,582	20,777	54,352	1,006	7,446	83,670	13,980	56,020	4,541	9,129
20-69	169,195	84,458	20,829	55,042	1,085	7,503	84,736	14,029	56,603	4,908	9,196
66 +	31,942	12,982	707	9,462	2,150	662	18,960	1,052	7,176	9,862	870
67 +	29,872	12,017	648	8,694	2,082	593	17,856	1,002	6,514	9,547	793

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**

(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
<b>1995: (continued)</b>											
68 +	27,831	11,074	591	7,947	2,009	527	16,756	952	5,874	9,212	719
69 +	25,857	10,175	538	7,236	1,934	467	15,682	902	5,268	8,863	649
70 +	23,915	9,298	487	6,546	1,855	410	14,616	852	4,685	8,497	583
Total	271,723	133,966	61,392	61,713	2,940	7,921	137,757	52,841	61,713	13,409	9,795
<b>2000:</b>											
0-4	19,829	10,147	10,147	0	0	0	9,682	9,682	0	0	0
5-9	21,151	10,817	10,817	0	0	0	10,334	10,334	0	0	0
10-14	20,484	10,480	10,480	0	0	0	10,004	10,003	1	0	0
15-19	19,857	10,149	10,008	137	0	4	9,708	9,198	489	0	22
20-24	18,518	9,469	7,425	1,881	1	163	9,048	5,733	3,014	8	294
25-29	19,262	9,826	4,786	4,459	5	576	9,436	3,111	5,543	33	749
30-34	20,741	10,537	3,256	6,282	13	986	10,204	1,853	7,131	73	1,147
35-39	23,321	11,812	2,530	7,915	33	1,334	11,510	1,384	8,437	151	1,538
40-44	22,962	11,547	1,619	8,332	66	1,531	11,415	976	8,358	258	1,823
45-49	20,360	10,145	957	7,692	93	1,402	10,216	637	7,435	391	1,753
50-54	17,510	8,660	682	6,763	135	1,081	8,850	495	6,392	523	1,440
55-59	13,587	6,647	402	5,334	184	727	6,940	323	4,978	701	938
60-64	10,923	5,255	303	4,270	215	467	5,668	242	3,762	1,025	638
65-69	9,587	4,476	266	3,548	323	338	5,112	222	3,009	1,441	440
70-74	8,935	3,968	224	3,016	466	263	4,967	226	2,424	1,975	342
75-79	7,435	3,086	154	2,218	542	172	4,349	214	1,612	2,279	244
80-84	4,938	1,831	76	1,208	475	72	3,108	180	717	2,094	117
85-89	2,809	864	30	488	319	27	1,945	121	267	1,503	54
90-94	1,175	286	8	129	140	9	889	51	101	711	27
95 +	369	69	1	21	44	3	300	14	23	251	12
0-19	81,321	41,593	41,452	137	0	4	39,728	39,217	489	0	22
20-64	167,184	83,898	21,960	52,926	745	8,267	83,287	14,754	55,051	3,163	10,318
50-64	42,020	20,562	1,387	16,366	534	2,274	21,458	1,060	15,133	2,250	3,016
62-64	6,327	3,031	177	2,463	134	256	3,297	140	2,137	660	359
65 +	35,248	14,579	760	10,628	2,307	884	20,669	1,027	8,151	10,255	1,236
20-65	169,175	84,842	22,016	53,688	796	8,343	84,333	14,798	55,702	3,411	10,420
20-66	171,076	85,737	22,069	54,401	855	8,412	85,339	14,842	56,306	3,678	10,513
20-67	172,960	86,615	22,121	55,097	919	8,478	86,344	14,886	56,898	3,962	10,599
20-68	174,861	87,494	22,174	55,788	990	8,542	87,367	14,930	57,486	4,271	10,680
20-69	176,771	88,373	22,226	56,474	1,068	8,605	88,398	14,975	58,060	4,604	10,759
66 +	33,258	13,635	704	9,867	2,256	808	19,623	982	7,500	10,007	1,134
67 +	31,357	12,740	651	9,153	2,197	739	18,617	939	6,896	9,741	1,041
68 +	29,472	11,861	598	8,457	2,133	673	17,611	895	6,305	9,456	955
69 +	27,572	10,983	545	7,766	2,062	609	16,589	851	5,717	9,148	874
70 +	25,661	10,104	494	7,080	1,984	546	15,557	805	5,142	8,814	796
Total	283,753	140,070	64,171	63,692	3,052	9,155	143,683	54,997	63,692	13,419	11,576
<b>2005:</b>											
0-4	19,467	9,963	9,963	0	0	0	9,504	9,504	0	0	0
5-9	20,135	10,302	10,302	0	0	0	9,833	9,833	0	0	0
10-14	21,433	10,961	10,961	0	0	0	10,473	10,472	1	0	0
15-19	20,798	10,633	10,488	142	0	4	10,165	9,633	509	0	22
20-24	20,359	10,408	8,186	2,045	1	177	9,951	6,354	3,267	7	323
25-29	19,142	9,793	4,753	4,456	4	579	9,349	3,167	5,421	27	734
30-34	19,685	10,016	3,198	5,868	11	938	9,669	1,903	6,637	65	1,064
35-39	20,930	10,587	2,480	6,903	24	1,180	10,343	1,369	7,500	123	1,351
40-44	23,319	11,750	2,119	8,084	54	1,494	11,569	1,167	8,413	233	1,755
45-49	22,830	11,423	1,431	8,274	98	1,620	11,407	881	8,173	376	1,977
50-54	20,097	9,956	874	7,565	145	1,373	10,141	603	7,164	559	1,816

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
2005: (continued)											
55-59 .....	17,085	8,378	616	6,572	205	985	8,708	472	6,030	775	1,431
60-64 .....	13,018	6,285	357	5,048	260	620	6,733	309	4,508	1,015	901
65-69 .....	10,138	4,772	259	3,813	314	386	5,366	230	3,177	1,359	600
70-74 .....	8,511	3,838	214	2,924	429	272	4,673	203	2,309	1,758	402
75-79 .....	7,439	3,130	159	2,227	546	197	4,309	194	1,634	2,184	297
80-84 .....	5,563	2,106	86	1,390	520	110	3,457	166	904	2,196	190
85-89 .....	3,117	996	29	583	344	40	2,122	116	320	1,607	79
90-94 .....	1,347	337	7	151	167	12	1,010	55	82	842	31
95 + .....	429	80	1	25	50	3	349	15	21	298	16
0-19 .....	81,833	41,859	41,713	142	0	4	39,974	39,441	510	0	22
20-64 .....	176,465	88,597	24,014	54,815	802	8,965	87,869	16,225	57,112	3,180	11,352
50-64 .....	50,201	24,619	1,847	19,185	610	2,978	25,582	1,384	17,702	2,348	4,147
62-64 .....	7,397	3,558	189	2,866	164	339	3,839	169	2,543	638	489
65 + .....	36,543	15,257	754	11,114	2,369	1,021	21,286	979	8,448	10,244	1,615
20-65 .....	178,657	89,641	24,069	55,657	856	9,058	89,016	16,274	57,844	3,410	11,489
20-66 .....	180,780	90,647	24,123	56,463	919	9,141	90,134	16,322	58,516	3,678	11,617
20-67 .....	182,796	91,595	24,175	57,221	983	9,216	91,200	16,368	59,142	3,954	11,736
20-68 .....	184,716	92,492	24,224	57,936	1,047	9,285	92,223	16,411	59,727	4,237	11,848
20-69 .....	186,603	93,368	24,273	58,628	1,116	9,351	93,235	16,454	60,290	4,538	11,953
66 + .....	34,351	14,213	698	10,271	2,315	928	20,138	930	7,716	10,014	1,478
67 + .....	32,228	13,207	644	9,466	2,252	845	19,021	882	7,044	9,745	1,350
68 + .....	30,213	12,259	593	8,708	2,188	770	17,954	836	6,418	9,470	1,231
69 + .....	28,293	11,362	544	7,993	2,124	701	16,931	792	5,833	9,187	1,119
70 + .....	26,406	10,486	495	7,301	2,055	635	15,920	749	5,271	8,885	1,015
<b>Total .....</b>	<b>294,842</b>	<b>145,713</b>	<b>66,481</b>	<b>66,071</b>	<b>3,171</b>	<b>9,990</b>	<b>149,129</b>	<b>56,645</b>	<b>66,071</b>	<b>13,424</b>	<b>12,990</b>
<b>2010:</b>											
0- 4 .....	19,722	10,094	10,094	0	0	0	9,627	9,627	0	0	0
5- 9 .....	19,776	10,120	10,120	0	0	0	9,656	9,656	0	0	0
10-14 .....	20,420	10,448	10,448	0	0	0	9,973	9,972	1	0	0
15-19 .....	21,748	11,114	10,959	151	0	4	10,634	10,071	539	0	24
20-24 .....	21,303	10,895	8,590	2,122	1	182	10,408	6,675	3,392	7	334
25-29 .....	20,982	10,731	5,285	4,810	4	632	10,251	3,575	5,840	26	809
30-34 .....	19,576	9,991	3,152	5,895	9	935	9,585	1,944	6,539	57	1,046
35-39 .....	19,899	10,083	2,434	6,528	20	1,102	9,815	1,403	7,061	107	1,244
40-44 .....	20,979	10,563	2,070	7,160	41	1,292	10,417	1,141	7,580	189	1,507
45-49 .....	23,217	11,647	1,880	8,109	84	1,573	11,570	1,049	8,289	340	1,893
50-54 .....	22,558	11,231	1,315	8,188	151	1,576	11,327	832	7,927	544	2,023
55-59 .....	19,632	9,653	796	7,385	223	1,248	9,979	576	6,809	815	1,779
60-64 .....	16,390	7,947	552	6,246	304	844	8,443	448	5,512	1,122	1,360
65-69 .....	12,104	5,733	308	4,535	377	514	6,371	291	3,839	1,399	842
70-74 .....	9,029	4,120	209	3,168	433	310	4,909	211	2,461	1,696	541
75-79 .....	7,112	3,048	153	2,182	511	203	4,064	175	1,560	1,983	346
80-84 .....	5,595	2,151	89	1,409	527	126	3,444	153	914	2,148	230
85-89 .....	3,534	1,151	33	676	383	58	2,383	108	401	1,746	128
90-94 .....	1,502	389	7	188	177	17	1,113	53	100	914	45
95 + .....	494	94	1	28	60	5	400	16	16	350	18
0-19 .....	81,666	41,776	41,621	151	0	4	39,891	39,327	540	0	24
20-64 .....	184,535	92,741	26,075	56,444	839	9,384	91,795	17,643	58,950	3,207	11,995
50-64 .....	58,579	28,831	2,664	21,820	679	3,668	29,749	1,857	20,248	2,481	5,163
62-64 .....	9,348	4,518	304	3,566	192	456	4,830	251	3,119	702	758
65 + .....	39,369	16,686	800	12,186	2,468	1,232	22,683	1,007	9,291	10,235	2,150
20-65 .....	187,170	94,001	26,150	57,446	901	9,504	93,169	17,712	59,819	3,443	12,195
20-66 .....	189,820	95,264	26,221	58,444	980	9,619	94,556	17,776	60,662	3,736	12,383
20-67 .....	192,319	96,448	26,283	59,378	1,061	9,725	95,871	17,835	61,450	4,032	12,554

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Sex and marital status										
	Total	Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
<b>2010: (continued)</b>											
20-68 .....	194,551	97,498	26,334	60,209	1,139	9,816	97,053	17,886	62,149	4,316	12,702
20-69 .....	196,639	98,474	26,382	60,979	1,215	9,898	98,165	17,935	62,789	4,605	12,836
66 + .....	36,735	15,426	725	11,183	2,406	1,112	21,309	939	8,422	9,998	1,950
67 + .....	34,085	14,163	654	10,186	2,327	997	19,921	875	7,579	9,706	1,762
68 + .....	31,586	12,979	591	9,251	2,245	891	18,606	816	6,790	9,409	1,591
69 + .....	29,353	11,929	540	8,421	2,168	800	17,424	764	6,092	9,125	1,443
70 + .....	27,265	10,953	492	7,651	2,091	718	16,312	716	5,452	8,836	1,309
Total .....	305,571	151,203	68,496	68,780	3,307	10,620	154,368	57,978	68,780	13,442	14,169
<b>2020:</b>											
0-4 .....	20,377	10,431	10,431	0	0	0	9,947	9,947	0	0	0
5-9 .....	20,553	10,519	10,519	0	0	0	10,034	10,034	0	0	0
10-14 .....	20,321	10,400	10,400	0	0	0	9,922	9,921	1	0	0
15-19 .....	20,386	10,425	10,284	138	0	4	9,960	9,431	507	0	22
20-24 .....	21,251	10,871	8,601	2,090	1	180	10,380	6,606	3,431	6	336
25-29 .....	22,875	11,698	5,886	5,129	4	679	11,177	3,950	6,323	26	878
30-34 .....	22,354	11,410	3,736	6,603	9	1,062	10,944	2,372	7,311	58	1,203
35-39 .....	21,625	10,991	2,700	7,080	18	1,194	10,633	1,669	7,503	101	1,360
40-44 .....	19,876	10,059	1,980	6,862	32	1,185	9,816	1,188	7,107	157	1,364
45-49 .....	19,930	10,014	1,791	6,910	60	1,253	9,916	1,039	7,144	261	1,473
50-54 .....	20,718	10,342	1,683	7,244	114	1,301	10,376	957	7,356	437	1,627
55-59 .....	22,459	11,142	1,589	7,944	222	1,386	11,318	941	7,729	778	1,871
60-64 .....	21,185	10,374	1,094	7,676	365	1,239	10,810	751	6,986	1,218	1,856
65-69 .....	17,557	8,404	628	6,363	513	900	9,152	511	5,414	1,677	1,551
70-74 .....	13,634	6,321	395	4,720	636	570	7,313	383	3,751	2,051	1,127
75-79 .....	9,102	4,001	185	2,875	632	310	5,101	232	2,092	2,132	645
80-84 .....	5,774	2,309	87	1,548	526	149	3,465	146	967	1,994	357
85-89 .....	3,480	1,184	35	702	378	69	2,296	93	390	1,632	182
90-94 .....	1,782	482	9	233	212	28	1,300	48	125	1,037	89
95 + .....	668	134	1	43	80	9	534	16	23	454	41
0-19 .....	81,637	41,775	41,633	138	0	4	39,863	39,333	507	0	22
20-64 .....	192,272	96,902	29,060	57,537	826	9,479	95,370	19,471	60,890	3,043	11,967
50-64 .....	64,362	31,858	4,366	22,864	702	3,926	32,504	2,648	22,070	2,433	5,353
62-64 .....	12,408	6,056	607	4,502	238	709	6,353	407	4,064	783	1,099
65 + .....	51,997	22,836	1,340	16,485	2,977	2,034	29,161	1,428	12,762	10,977	3,994
20-65 .....	196,121	98,764	29,214	58,942	912	9,697	97,357	19,584	62,119	3,330	12,323
20-66 .....	199,797	100,533	29,354	60,278	1,014	9,887	99,265	19,692	63,262	3,671	12,640
20-67 .....	203,313	102,215	29,478	61,552	1,120	10,065	101,098	19,794	64,341	4,017	12,946
20-68 .....	206,650	103,803	29,587	62,759	1,229	10,228	102,847	19,890	65,353	4,365	13,239
20-69 .....	209,829	105,306	29,688	63,901	1,339	10,379	104,522	19,982	66,303	4,719	13,518
66 + .....	48,148	20,973	1,185	15,080	2,891	1,816	27,175	1,315	11,533	10,690	3,637
67 + .....	44,472	19,205	1,046	13,744	2,789	1,626	25,267	1,207	10,391	10,349	3,321
68 + .....	40,956	17,522	922	12,470	2,683	1,448	23,434	1,105	9,311	10,003	3,015
69 + .....	37,619	15,935	813	11,263	2,574	1,285	21,685	1,009	8,300	9,655	2,721
70 + .....	34,440	14,431	712	10,121	2,464	1,134	20,009	917	7,349	9,301	2,442
Total .....	325,907	161,512	72,033	74,160	3,803	11,517	164,395	60,232	74,160	14,020	15,983
<b>2030:</b>											
0-4 .....	20,184	10,332	10,332	0	0	0	9,852	9,852	0	0	0
5-9 .....	20,582	10,534	10,534	0	0	0	10,047	10,047	0	0	0
10-14 .....	20,981	10,738	10,738	0	0	0	10,242	10,242	1	0	0
15-19 .....	21,166	10,826	10,681	141	0	4	10,339	9,803	513	0	22
20-24 .....	21,160	10,829	8,587	2,065	1	176	10,331	6,634	3,364	6	328
25-29 .....	21,533	11,025	5,551	4,836	4	634	10,508	3,656	6,013	24	816
30-34 .....	22,312	11,395	3,834	6,498	9	1,054	10,918	2,303	7,371	55	1,188

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
<b>2030: (continued)</b>											
35-39	23,506	11,949	3,098	7,528	19	1,304	11,557	1,861	8,119	104	1,473
40-44	22,625	11,457	2,393	7,669	34	1,360	11,168	1,475	7,951	167	1,575
45-49	21,646	10,914	1,991	7,507	58	1,357	10,732	1,243	7,609	260	1,620
50-54	19,679	9,880	1,603	6,995	96	1,186	9,799	992	6,942	391	1,474
55-59	19,365	9,628	1,509	6,865	171	1,083	9,736	928	6,717	656	1,435
60-64	19,557	9,614	1,403	6,899	299	1,013	9,943	861	6,536	1,071	1,474
65-69	20,175	9,764	1,271	6,943	540	1,010	10,411	826	6,227	1,737	1,620
70-74	17,722	8,326	801	5,891	786	848	9,396	636	4,870	2,363	1,528
75-79	13,333	5,954	391	4,120	893	552	7,379	406	3,091	2,700	1,182
80-84	8,909	3,656	176	2,397	801	282	5,253	269	1,600	2,634	751
85-89	4,637	1,646	47	987	502	109	2,992	128	584	1,931	348
90-94	1,956	563	10	284	234	36	1,394	50	146	1,053	145
95 +	758	161	1	53	94	13	598	15	24	490	67
0-19	82,913	42,432	42,286	141	0	4	40,481	39,944	514	0	22
20-64	191,383	96,690	29,969	56,864	691	9,167	94,693	19,954	60,623	2,733	11,383
50-64	58,601	29,122	4,514	20,759	566	3,282	29,479	2,781	20,195	2,118	4,384
62-64	11,673	5,723	800	4,126	199	598	5,950	486	3,876	698	890
65 +	67,491	30,070	2,697	20,674	3,849	2,850	37,421	2,330	16,542	12,909	5,640
20-65	195,449	98,674	30,245	58,278	772	9,378	96,776	20,123	61,926	3,014	11,712
20-66	199,538	100,662	30,513	59,690	874	9,586	98,876	20,295	63,203	3,349	12,029
20-67	203,605	102,632	30,765	61,091	985	9,790	100,974	20,461	64,458	3,705	12,350
20-68	207,621	104,567	31,011	62,467	1,105	9,984	103,054	20,624	65,678	4,079	12,673
20-69	211,558	106,454	31,240	63,806	1,231	10,178	105,103	20,780	66,850	4,470	13,003
66 +	63,425	28,086	2,421	19,260	3,767	2,638	35,338	2,161	15,239	12,628	5,312
67 +	59,336	26,098	2,153	17,848	3,666	2,431	33,238	1,989	13,961	12,293	4,995
68 +	55,269	24,128	1,900	16,447	3,554	2,227	31,140	1,823	12,706	11,937	4,674
69 +	51,253	22,193	1,655	15,071	3,435	2,033	29,060	1,660	11,487	11,563	4,351
70 +	47,316	20,306	1,426	13,731	3,308	1,839	27,010	1,503	10,315	11,171	4,021
Total	341,787	169,191	74,952	77,679	4,539	12,021	172,595	62,228	77,679	15,642	17,046
<b>2040:</b>											
0-4	20,365	10,426	10,426	0	0	0	9,940	9,940	0	0	0
5-9	20,531	10,509	10,509	0	0	0	10,022	10,022	0	0	0
10-14	20,792	10,642	10,642	0	0	0	10,149	10,149	1	0	0
15-19	21,199	10,845	10,698	143	0	4	10,354	9,809	522	0	23
20-24	21,822	11,170	8,856	2,130	1	182	10,653	6,836	3,472	6	339
25-29	22,315	11,427	5,763	5,004	4	656	10,888	3,843	6,177	23	844
30-34	22,232	11,360	3,803	6,501	8	1,048	10,872	2,320	7,321	53	1,178
35-39	22,192	11,297	2,887	7,174	17	1,219	10,895	1,671	7,770	94	1,361
40-44	22,599	11,453	2,472	7,591	33	1,357	11,146	1,414	8,032	158	1,542
45-49	23,513	11,862	2,314	7,997	60	1,490	11,651	1,385	8,255	264	1,747
50-54	22,389	11,253	1,954	7,827	103	1,369	11,136	1,234	7,788	413	1,701
55-59	21,066	10,519	1,685	7,485	170	1,179	10,547	1,110	7,188	661	1,587
60-64	18,668	9,240	1,339	6,722	259	920	9,428	895	6,206	986	1,342
65-69	17,520	8,511	1,208	6,089	429	784	9,009	820	5,434	1,513	1,243
70-74	16,503	7,801	1,038	5,392	673	698	8,702	731	4,595	2,158	1,218
75-79	15,476	7,016	810	4,600	973	634	8,460	654	3,631	2,930	1,245
80-84	11,766	4,926	377	3,093	1,025	431	6,840	451	2,165	3,191	1,032
85-89	6,998	2,554	109	1,490	752	204	4,444	229	930	2,632	652
90-94	3,203	964	23	478	392	72	2,239	97	271	1,553	317
95 +	1,096	249	2	84	141	21	846	23	43	648	133
0-19	82,887	42,422	42,275	143	0	4	40,465	39,920	522	0	23
20-64	196,796	99,580	31,074	58,431	655	9,421	97,216	20,708	62,208	2,658	11,642
50-64	62,123	31,012	4,978	22,034	532	3,468	31,111	3,239	21,182	2,060	4,631
62-64	10,849	5,358	757	3,913	168	520	5,491	505	3,582	634	769

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
<b>2040: (continued)</b>											
65 +	72,561	32,021	3,567	21,226	4,386	2,843	40,540	3,005	17,069	14,625	5,841
20-65	200,253	101,277	31,310	59,667	721	9,578	98,976	20,867	63,324	2,904	11,882
20-66	203,656	102,939	31,538	60,874	796	9,731	100,717	21,016	64,408	3,174	12,119
20-67	207,115	104,621	31,777	62,080	880	9,884	102,494	21,176	65,484	3,472	12,362
20-68	210,701	106,354	32,030	63,304	976	10,044	104,348	21,352	66,570	3,806	12,620
20-69	214,316	108,091	32,282	64,520	1,084	10,204	106,225	21,528	67,642	4,171	12,885
66 +	69,104	30,324	3,331	19,989	4,319	2,685	38,780	2,847	15,953	14,379	5,601
67 +	65,701	28,662	3,103	18,782	4,245	2,532	37,040	2,698	14,869	14,109	5,364
68 +	62,242	26,980	2,864	17,576	4,161	2,379	35,262	2,538	13,792	13,811	5,121
69 +	58,656	25,247	2,611	16,352	4,064	2,220	33,409	2,362	12,707	13,477	4,864
70 +	55,041	23,510	2,358	15,136	3,957	2,059	31,531	2,186	11,635	13,112	4,598
Total	352,244	174,023	76,916	79,799	5,040	12,267	178,221	63,634	79,799	17,283	17,506
<b>2060:</b>											
0-4	20,620	10,557	10,557	0	0	0	10,063	10,063	0	0	0
5-9	20,912	10,705	10,705	0	0	0	10,207	10,207	0	0	0
10-14	21,195	10,850	10,850	0	0	0	10,345	10,344	1	0	0
15-19	21,459	10,980	10,833	144	0	4	10,479	9,930	525	0	23
20-24	21,830	11,178	8,864	2,131	1	182	10,652	6,832	3,476	5	339
25-29	22,316	11,434	5,768	5,006	3	657	10,882	3,806	6,210	22	844
30-34	22,725	11,620	3,914	6,624	8	1,074	11,105	2,355	7,497	50	1,205
35-39	23,026	11,732	3,026	7,418	16	1,272	11,294	1,750	8,040	89	1,415
40-44	23,202	11,775	2,553	7,793	31	1,398	11,428	1,472	8,225	148	1,582
45-49	23,030	11,646	2,244	7,894	54	1,453	11,384	1,309	8,160	236	1,678
50-54	22,354	11,263	2,007	7,797	94	1,365	11,092	1,184	7,881	376	1,650
55-59	21,725	10,885	1,832	7,667	161	1,224	10,840	1,099	7,551	618	1,572
60-64	21,349	10,612	1,720	7,537	272	1,082	10,737	1,066	7,152	1,010	1,510
65-69	20,925	10,254	1,616	7,207	463	968	10,671	1,096	6,486	1,595	1,494
70-74	18,235	8,740	1,249	6,061	670	760	9,495	952	5,076	2,163	1,305
75-79	15,057	6,944	899	4,631	850	563	8,113	790	3,554	2,674	1,094
80-84	10,956	4,717	503	2,995	867	353	6,238	556	2,060	2,828	794
85-89	7,518	2,859	242	1,646	761	209	4,659	385	1,030	2,674	570
90-94	4,364	1,396	82	678	526	110	2,968	209	396	1,975	389
95 +	2,443	600	16	191	329	64	1,843	85	100	1,306	353
0-19	84,186	43,092	42,945	144	0	4	41,094	40,544	526	0	23
20-64	201,557	102,144	31,929	59,868	640	9,706	99,413	20,871	64,194	2,555	11,794
50-64	65,429	32,760	5,559	23,002	528	3,671	32,669	3,349	22,585	2,004	4,731
62-64	12,770	6,335	1,020	4,501	181	634	6,435	638	4,233	663	901
65 +	79,498	35,510	4,608	23,410	4,465	3,027	43,988	4,073	18,702	15,215	5,999
20-65	205,784	104,230	32,261	61,346	715	9,909	101,554	21,085	65,555	2,820	12,093
20-66	209,996	106,304	32,589	62,810	798	10,107	103,693	21,301	66,888	3,111	12,392
20-67	214,203	108,365	32,915	64,259	890	10,302	105,838	21,522	68,193	3,430	12,693
20-68	218,381	110,404	33,235	65,685	992	10,492	107,977	21,746	69,461	3,777	12,993
20-69	222,482	112,398	33,545	67,075	1,103	10,675	110,084	21,968	70,680	4,150	13,288
66 +	75,271	33,423	4,276	21,931	4,390	2,825	41,848	3,859	17,340	14,949	5,700
67 +	71,058	31,350	3,948	20,467	4,308	2,627	39,709	3,643	16,007	14,658	5,401
68 +	66,852	29,288	3,622	19,018	4,215	2,432	37,564	3,422	14,702	14,339	5,100
69 +	62,674	27,250	3,302	17,593	4,113	2,242	35,424	3,198	13,434	13,992	4,800
70 +	58,572	25,255	2,992	16,202	4,002	2,059	33,317	2,977	12,216	13,620	4,505
Total	365,241	180,746	79,482	83,421	5,105	12,738	184,495	65,489	83,421	17,770	17,816
<b>2080:</b>											
0-4	20,928	10,715	10,715	0	0	0	10,213	10,213	0	0	0
5-9	21,195	10,851	10,851	0	0	0	10,344	10,344	0	0	0
10-14	21,408	10,960	10,960	0	0	0	10,448	10,447	1	0	0

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative II: (continued)</b>											
<b>2080: (continued)</b>											
15-19 .....	21,646	11,078	10,929	145	0	4	10,568	10,014	531	0	23
20-24 .....	22,098	11,319	8,976	2,158	1	185	10,780	6,906	3,525	5	344
25-29 .....	22,713	11,642	5,877	5,093	3	669	11,071	3,871	6,321	20	859
30-34 .....	23,149	11,843	3,995	6,746	7	1,095	11,306	2,405	7,628	47	1,227
35-39 .....	23,315	11,889	3,068	7,517	15	1,289	11,426	1,774	8,137	83	1,431
40-44 .....	23,249	11,812	2,558	7,825	28	1,401	11,437	1,460	8,262	137	1,579
45-49 .....	23,081	11,689	2,258	7,920	50	1,461	11,392	1,284	8,220	217	1,670
50-54 .....	22,900	11,558	2,093	7,966	89	1,411	11,342	1,203	8,103	351	1,685
55-59 .....	22,625	11,364	1,950	7,965	154	1,295	11,261	1,156	7,880	586	1,640
60-64 .....	22,080	11,014	1,806	7,815	258	1,136	11,065	1,115	7,433	957	1,560
65-69 .....	20,769	10,236	1,599	7,248	424	965	10,533	1,047	6,561	1,477	1,448
70-74 .....	18,552	8,959	1,323	6,215	637	784	9,593	928	5,309	2,074	1,283
75-79 .....	15,975	7,454	1,029	4,956	852	618	8,521	801	3,930	2,677	1,113
80-84 .....	13,051	5,718	701	3,582	984	451	7,333	682	2,578	3,138	934
85-89 .....	9,656	3,796	380	2,181	939	295	5,861	549	1,421	3,149	742
90-94 .....	5,431	1,828	124	917	641	146	3,603	304	539	2,288	472
95 + .....	2,974	776	27	268	404	78	2,198	133	136	1,548	381
0-19 .....	85,178	43,604	43,455	145	0	4	41,573	41,018	532	0	23
20-64 .....	205,210	104,130	32,580	61,003	606	9,941	101,080	21,174	65,509	2,403	11,994
50-64 .....	67,604	33,936	5,848	23,745	501	3,841	33,668	3,474	23,416	1,895	4,884
62-64 .....	13,157	6,553	1,065	4,655	171	662	6,605	664	4,387	628	926
65 + .....	86,409	38,768	5,184	25,366	4,881	3,338	47,641	4,445	20,474	16,350	6,372
20-65 .....	209,504	106,259	32,920	62,516	675	10,149	103,245	21,390	66,906	2,653	12,295
20-66 .....	213,736	108,352	33,250	64,001	752	10,349	105,384	21,604	68,265	2,925	12,590
20-67 .....	217,898	110,404	33,570	65,455	836	10,543	107,494	21,814	69,580	3,220	12,880
20-68 .....	221,982	112,410	33,880	66,873	929	10,728	109,572	22,020	70,850	3,538	13,164
20-69 .....	225,979	114,366	34,179	68,251	1,030	10,906	111,613	22,221	72,070	3,880	13,442
66 + .....	82,115	36,639	4,844	23,853	4,811	3,130	45,476	4,228	19,076	16,101	6,071
67 + .....	77,883	34,546	4,514	22,368	4,735	2,930	43,337	4,015	17,718	15,829	5,775
68 + .....	73,721	32,494	4,193	20,914	4,650	2,737	41,226	3,805	16,402	15,534	5,485
69 + .....	69,638	30,489	3,883	19,497	4,558	2,551	39,149	3,599	15,133	15,216	5,201
70 + .....	65,640	28,532	3,584	18,118	4,457	2,373	37,108	3,398	13,912	14,874	4,924
<b>Total .....</b>	<b>376,797</b>	<b>186,503</b>	<b>81,219</b>	<b>86,514</b>	<b>5,486</b>	<b>13,283</b>	<b>190,294</b>	<b>66,637</b>	<b>86,514</b>	<b>18,754</b>	<b>18,389</b>
<b>Alternative III :</b>											
<b>1995:</b>											
0-4 .....	20,851	10,665	10,665	0	0	0	10,186	10,186	0	0	0
5-9 .....	20,204	10,338	10,338	0	0	0	9,866	9,866	0	0	0
10-14 .....	19,545	9,997	9,997	0	0	0	9,547	9,547	0	0	0
15-19 .....	18,014	9,209	9,077	124	0	8	8,806	8,360	424	4	17
20-24 .....	18,648	9,510	7,449	1,914	3	144	9,139	5,704	3,124	14	296
25-29 .....	20,335	10,358	4,890	4,904	8	556	9,977	3,033	6,122	35	786
30-34 .....	23,167	11,786	3,316	7,421	21	1,028	11,381	1,845	8,228	90	1,218
35-39 .....	22,980	11,618	1,938	8,299	45	1,336	11,362	1,148	8,478	167	1,569
40-44 .....	20,485	10,262	1,091	7,821	58	1,292	10,223	703	7,674	271	1,575
45-49 .....	17,753	8,836	754	6,920	85	1,077	8,917	525	6,695	352	1,344
50-54 .....	13,934	6,884	449	5,514	129	792	7,050	337	5,326	466	922
55-59 .....	11,421	5,579	345	4,543	145	546	5,842	252	4,188	744	658
60-64 .....	10,366	4,962	315	4,008	233	406	5,403	234	3,594	1,115	460
65-69 .....	10,105	4,664	281	3,698	359	325	5,441	249	3,174	1,652	367
70-74 .....	8,979	3,949	221	3,037	464	227	5,029	250	2,400	2,102	277
75-79 .....	6,642	2,704	140	1,949	508	107	3,938	234	1,291	2,265	148
80-84 .....	4,486	1,600	78	1,060	415	47	2,886	189	608	2,008	80
85-89 .....	2,480	739	35	395	289	20	1,741	113	284	1,296	48

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>1995: (continued)</b>											
90-94 .....	1,013	246	11	93	135	7	767	49	88	608	22
95 + .....	316	61	3	12	44	2	255	16	15	217	8
0-19 .....	78,614	40,209	40,077	124	0	8	38,405	37,959	425	4	17
20-64 .....	159,090	79,795	20,547	51,344	725	7,178	79,295	13,781	53,429	3,256	8,829
50-64 .....	35,721	17,425	1,109	14,065	506	1,745	18,296	823	13,107	2,325	2,040
62-64 .....	6,211	2,956	188	2,379	155	234	3,255	142	2,131	724	258
65 + .....	34,020	13,962	768	10,245	2,215	735	20,058	1,101	7,858	10,149	949
20-65 .....	161,167	80,774	20,608	52,127	790	7,250	80,393	13,830	54,111	3,543	8,908
20-66 .....	163,237	81,740	20,667	52,895	858	7,320	81,497	13,880	54,774	3,858	8,985
20-67 .....	165,278	82,682	20,724	53,642	931	7,385	82,596	13,930	55,414	4,193	9,059
20-68 .....	167,252	83,582	20,777	54,352	1,006	7,446	83,670	13,980	56,020	4,541	9,129
20-69 .....	169,195	84,458	20,829	55,042	1,085	7,503	84,736	14,029	56,603	4,908	9,196
66 + .....	31,942	12,982	707	9,462	2,150	662	18,960	1,052	7,176	9,862	870
67 + .....	29,872	12,017	648	8,694	2,082	593	17,856	1,002	6,514	9,547	793
68 + .....	27,831	11,074	591	7,947	2,009	527	16,756	952	5,874	9,212	719
69 + .....	25,857	10,175	538	7,236	1,934	467	15,682	902	5,268	8,863	649
70 + .....	23,915	9,298	487	6,546	1,855	410	14,616	852	4,685	8,497	583
Total .....	271,723	133,966	61,392	61,713	2,940	7,921	137,757	52,841	61,713	13,409	9,795
<b>2000:</b>											
0-4 .....	19,400	9,928	9,928	0	0	0	9,472	9,472	0	0	0
5-9 .....	21,077	10,779	10,779	0	0	0	10,298	10,298	0	0	0
10-14 .....	20,419	10,447	10,447	0	0	0	9,972	9,971	1	0	0
15-19 .....	19,784	10,111	9,957	150	0	4	9,673	9,121	529	0	22
20-24 .....	18,381	9,392	7,234	1,994	1	163	8,989	5,527	3,164	8	290
25-29 .....	19,093	9,728	4,581	4,587	5	555	9,365	2,949	5,666	35	715
30-34 .....	20,619	10,467	3,147	6,366	14	940	10,152	1,779	7,204	79	1,091
35-39 .....	23,231	11,757	2,477	7,975	34	1,272	11,474	1,352	8,484	161	1,477
40-44 .....	22,887	11,496	1,594	8,367	66	1,468	11,391	964	8,388	269	1,771
45-49 .....	20,311	10,110	948	7,716	92	1,354	10,201	633	7,454	396	1,718
50-54 .....	17,480	8,640	678	6,781	132	1,049	8,840	493	6,403	525	1,420
55-59 .....	13,567	6,635	401	5,344	181	709	6,932	321	4,983	698	929
60-64 .....	10,913	5,250	303	4,279	210	459	5,662	241	3,769	1,019	634
65-69 .....	9,586	4,476	266	3,558	318	334	5,110	220	3,018	1,433	438
70-74 .....	8,947	3,975	224	3,029	460	261	4,973	225	2,438	1,969	341
75-79 .....	7,461	3,099	155	2,234	537	171	4,362	214	1,626	2,278	244
80-84 .....	4,971	1,845	77	1,221	474	72	3,126	181	727	2,101	118
85-89 .....	2,842	876	30	498	320	28	1,966	122	272	1,517	55
90-94 .....	1,198	292	8	133	142	9	905	52	103	723	28
95 + .....	380	72	2	22	46	3	308	15	23	258	12
0-19 .....	80,680	41,265	41,110	150	0	4	39,415	38,862	530	0	22
20-64 .....	166,482	83,475	21,362	53,409	735	7,970	83,006	14,258	55,516	3,190	10,042
50-64 .....	41,960	20,526	1,382	16,404	524	2,217	21,434	1,055	15,155	2,242	2,982
62-64 .....	6,322	3,028	177	2,468	132	252	3,294	139	2,142	656	357
65 + .....	35,385	14,634	763	10,695	2,298	878	20,751	1,029	8,208	10,279	1,235
20-65 .....	168,471	84,419	21,418	54,172	786	8,044	84,052	14,302	56,168	3,437	10,144
20-66 .....	170,371	85,314	21,471	54,887	844	8,112	85,057	14,345	56,774	3,702	10,236
20-67 .....	172,255	86,193	21,523	55,585	907	8,178	86,062	14,389	57,367	3,985	10,321
20-68 .....	174,156	87,072	21,576	56,278	976	8,241	87,084	14,433	57,958	4,292	10,402
20-69 .....	176,068	87,951	21,628	56,967	1,053	8,304	88,116	14,478	58,534	4,624	10,480
66 + .....	33,396	13,690	707	9,932	2,247	804	19,705	984	7,555	10,032	1,134
67 + .....	31,495	12,795	654	9,216	2,189	736	18,700	941	6,949	9,767	1,042
68 + .....	29,611	11,917	602	8,519	2,126	670	17,695	898	6,356	9,484	956
69 + .....	27,710	11,038	549	7,825	2,057	607	16,673	853	5,766	9,178	876



**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>2000: (continued)</b>											
70 + .....	25,799	10,158	497	7,137	1,980	544	15,641	808	5,189	8,846	797
Total .....	282,547	139,374	63,235	64,254	3,033	8,852	143,173	54,149	64,254	13,470	11,300
<b>2005:</b>											
0-4 .....	18,362	9,399	9,399	0	0	0	8,964	8,964	0	0	0
5-9 .....	19,633	10,046	10,046	0	0	0	9,587	9,587	0	0	0
10-14 .....	21,294	10,889	10,889	0	0	0	10,405	10,404	1	0	0
15-19 .....	20,661	10,562	10,388	170	0	4	10,099	9,470	604	0	24
20-24 .....	20,151	10,295	7,755	2,356	1	183	9,856	5,826	3,698	8	324
25-29 .....	18,834	9,617	4,197	4,866	4	549	9,217	2,683	5,830	32	672
30-34 .....	19,385	9,842	2,817	6,170	12	843	9,543	1,618	6,915	76	934
35-39 .....	20,704	10,452	2,267	7,126	26	1,033	10,251	1,230	7,695	141	1,185
40-44 .....	23,122	11,616	1,994	8,255	55	1,312	11,506	1,100	8,562	263	1,581
45-49 .....	22,670	11,302	1,372	8,392	96	1,442	11,368	853	8,280	401	1,834
50-54 .....	20,009	9,890	853	7,657	139	1,241	10,119	593	7,235	568	1,722
55-59 .....	17,036	8,343	607	6,638	194	903	8,693	468	6,072	772	1,380
60-64 .....	12,996	6,271	354	5,094	246	578	6,724	305	4,539	1,001	879
65-69 .....	10,144	4,775	258	3,852	299	366	5,368	227	3,213	1,339	590
70-74 .....	8,549	3,858	215	2,968	413	262	4,691	201	2,351	1,740	398
75-79 .....	7,516	3,167	161	2,278	533	194	4,350	195	1,679	2,178	297
80-84 .....	5,673	2,155	89	1,438	516	111	3,518	169	942	2,214	193
85-89 .....	3,226	1,037	31	615	350	41	2,189	120	339	1,648	82
90-94 .....	1,424	360	8	165	175	13	1,064	59	89	884	32
95 + .....	471	89	1	29	55	4	382	16	24	325	17
0-19 .....	79,950	40,896	40,721	170	0	4	39,055	38,425	605	0	24
20-64 .....	174,906	87,628	22,217	56,554	773	8,085	87,277	14,676	58,827	3,262	10,512
50-64 .....	50,040	24,505	1,814	19,389	579	2,723	25,536	1,367	17,847	2,341	3,981
62-64 .....	7,387	3,552	188	2,892	155	317	3,835	167	2,561	629	477
65 + .....	37,002	15,441	762	11,345	2,342	992	21,561	987	8,637	10,328	1,610
20-65 .....	177,096	88,672	22,272	57,404	824	8,172	88,424	14,725	59,565	3,489	10,645
20-66 .....	179,220	89,678	22,325	58,218	884	8,251	89,541	14,773	60,244	3,753	10,771
20-67 .....	181,236	90,628	22,377	58,984	945	8,322	90,608	14,818	60,877	4,024	10,889
20-68 .....	183,158	91,526	22,426	59,706	1,006	8,388	91,632	14,861	61,469	4,303	10,999
20-69 .....	185,049	92,404	22,474	60,406	1,072	8,451	92,646	14,903	62,039	4,601	11,102
66 + .....	34,812	14,397	707	10,495	2,291	904	20,414	938	7,899	10,101	1,476
67 + .....	32,689	13,391	654	9,681	2,231	826	19,297	890	7,220	9,837	1,350
68 + .....	30,672	12,442	602	8,915	2,170	754	18,230	845	6,587	9,566	1,233
69 + .....	28,750	11,544	553	8,193	2,109	689	17,206	802	5,995	9,287	1,123
70 + .....	26,859	10,666	505	7,493	2,043	626	16,193	760	5,425	8,989	1,020
Total .....	291,859	143,966	63,700	68,069	3,115	9,081	147,893	54,088	68,069	13,590	12,146
<b>2010:</b>											
0-4 .....	17,919	9,172	9,172	0	0	0	8,746	8,746	0	0	0
5-9 .....	18,601	9,519	9,519	0	0	0	9,082	9,082	0	0	0
10-14 .....	19,854	10,159	10,158	0	0	0	9,696	9,695	1	0	0
15-19 .....	21,538	11,006	10,803	199	0	5	10,532	9,805	699	0	27
20-24 .....	21,035	10,752	7,904	2,652	1	194	10,283	5,798	4,138	7	339
25-29 .....	20,616	10,529	4,317	5,609	4	599	10,087	2,673	6,660	29	725
30-34 .....	19,161	9,758	2,433	6,508	9	807	9,404	1,374	7,108	62	859
35-39 .....	19,526	9,870	1,971	6,981	20	898	9,656	1,067	7,480	118	991
40-44 .....	20,689	10,387	1,786	7,526	41	1,034	10,303	959	7,917	210	1,217
45-49 .....	22,962	11,466	1,704	8,415	80	1,267	11,496	955	8,571	370	1,599
50-54 .....	22,375	11,089	1,237	8,426	140	1,287	11,286	794	8,140	562	1,789
55-59 .....	19,547	9,589	768	7,570	204	1,046	9,958	562	6,949	811	1,636
60-64 .....	16,365	7,928	540	6,387	276	725	8,437	442	5,611	1,099	1,286

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**

(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>2010: (continued)</b>											
65-69 .....	12,130	5,747	305	4,642	345	456	6,383	287	3,923	1,363	809
70-74 .....	9,102	4,158	210	3,261	404	283	4,944	209	2,543	1,664	529
75-79 .....	7,240	3,111	156	2,274	488	193	4,129	175	1,640	1,969	344
80-84 .....	5,786	2,239	94	1,499	519	126	3,548	156	984	2,173	236
85-89 .....	3,748	1,236	37	743	394	61	2,512	114	445	1,817	135
90-94 .....	1,655	438	8	218	193	19	1,217	59	116	993	49
95 + .....	583	114	1	36	72	5	469	19	20	409	21
0-19 .....	77,912	39,857	39,653	199	0	5	38,056	37,328	701	0	27
20-64 .....	182,274	91,366	22,660	60,073	775	7,858	90,908	14,625	62,574	3,269	10,440
50-64 .....	58,286	28,606	2,545	22,383	620	3,058	29,680	1,798	20,700	2,472	4,711
62-64 .....	9,339	4,511	298	3,645	174	395	4,828	248	3,175	686	719
65 + .....	40,245	17,044	812	12,674	2,414	1,144	23,201	1,020	9,671	10,388	2,123
20-65 .....	184,909	92,626	22,735	61,098	831	7,963	92,283	14,692	63,459	3,500	10,632
20-66 .....	187,563	93,891	22,805	62,118	903	8,064	93,672	14,755	64,320	3,784	10,812
20-67 .....	190,068	95,078	22,867	63,075	978	8,159	94,990	14,813	65,126	4,073	10,977
20-68 .....	192,308	96,133	22,917	63,926	1,049	8,240	96,175	14,864	65,842	4,350	11,119
20-69 .....	194,405	97,113	22,965	64,715	1,120	8,314	97,291	14,912	66,498	4,632	11,249
66 + .....	37,610	15,784	738	11,649	2,358	1,039	21,826	952	8,786	10,157	1,931
67 + .....	34,956	14,519	667	10,628	2,286	937	20,437	889	7,925	9,872	1,751
68 + .....	32,451	13,331	606	9,672	2,211	843	19,120	831	7,119	9,584	1,586
69 + .....	30,212	12,277	555	8,821	2,140	761	17,934	780	6,404	9,307	1,444
70 + .....	28,115	11,296	507	8,032	2,069	688	16,818	733	5,748	9,024	1,314
Total .....	300,432	148,267	63,125	72,946	3,189	9,006	152,165	52,972	72,946	13,657	12,590
<b>2020:</b>											
0-4 .....	17,100	8,754	8,754	0	0	0	8,346	8,346	0	0	0
5-9 .....	17,954	9,189	9,189	0	0	0	8,765	8,765	0	0	0
10-14 .....	18,387	9,410	9,410	0	0	0	8,977	8,975	1	0	0
15-19 .....	19,081	9,760	9,545	210	0	5	9,322	8,536	759	0	27
20-24 .....	20,491	10,479	7,285	2,994	1	199	10,012	4,905	4,761	7	338
25-29 .....	22,387	11,438	4,073	6,725	4	636	10,949	2,177	8,016	28	728
30-34 .....	21,843	11,139	2,230	8,034	9	866	10,705	1,103	8,668	58	875
35-39 .....	21,123	10,727	1,607	8,215	17	888	10,396	801	8,563	98	934
40-44 .....	19,388	9,794	1,242	7,693	29	830	9,593	633	7,900	152	908
45-49 .....	19,517	9,780	1,269	7,607	52	852	9,737	667	7,831	251	987
50-54 .....	20,429	10,168	1,337	7,881	97	852	10,261	733	7,974	424	1,130
55-59 .....	22,268	11,004	1,375	8,535	187	907	11,264	822	8,272	761	1,409
60-64 .....	21,140	10,324	1,001	8,178	303	842	10,816	703	7,416	1,177	1,520
65-69 .....	17,684	8,468	600	6,783	435	650	9,216	496	5,750	1,610	1,360
70-74 .....	13,882	6,451	390	5,069	555	437	7,431	380	4,025	1,985	1,040
75-79 .....	9,408	4,157	189	3,139	571	257	5,251	234	2,298	2,099	621
80-84 .....	6,120	2,477	94	1,744	502	136	3,644	151	1,107	2,024	362
85-89 .....	3,840	1,339	41	835	392	71	2,501	100	472	1,733	195
90-94 .....	2,093	592	12	303	244	33	1,501	56	163	1,180	102
95 + .....	888	189	2	66	109	12	699	21	34	591	52
0-19 .....	72,522	37,113	36,898	210	0	5	35,409	34,622	760	0	27
20-64 .....	188,586	94,853	21,419	65,863	698	6,873	93,733	12,544	69,402	2,956	8,831
50-64 .....	63,837	31,495	3,714	24,594	587	2,601	32,341	2,258	23,662	2,361	4,060
62-64 .....	12,403	6,040	561	4,794	197	487	6,363	385	4,308	755	915
65 + .....	53,915	23,673	1,328	17,939	2,810	1,597	30,241	1,438	13,849	11,223	3,731
20-65 .....	192,448	96,720	21,565	67,358	770	7,027	95,728	12,653	70,705	3,233	9,138
20-66 .....	196,144	98,498	21,697	68,782	856	7,163	97,646	12,757	71,918	3,559	9,412
20-67 .....	199,686	100,193	21,816	70,140	946	7,291	99,492	12,856	73,065	3,890	9,681
20-68 .....	203,054	101,798	21,921	71,427	1,038	7,411	101,256	12,950	74,141	4,224	9,941
20-69 .....	206,270	103,321	22,019	72,646	1,133	7,522	102,949	13,040	75,152	4,566	10,191

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>2020: (continued)</b>											
56 +	50,053	21,806	1,182	16,444	2,738	1,442	28,247	1,329	12,547	10,946	3,425
67 +	46,357	20,028	1,050	15,020	2,652	1,306	26,328	1,225	11,334	10,620	3,150
68 +	42,815	18,332	931	13,661	2,562	1,178	24,482	1,125	10,187	10,288	2,882
69 +	39,446	16,728	826	12,374	2,469	1,058	22,718	1,031	9,111	9,954	2,622
70 +	36,230	15,205	728	11,155	2,375	947	21,025	942	8,100	9,613	2,372
Total	315,023	155,639	59,645	84,012	3,508	8,474	159,384	48,604	84,012	14,178	12,589
<b>2030:</b>											
0-4	15,935	8,158	8,158	0	0	0	7,777	7,777	0	0	0
5-9	16,646	8,521	8,521	0	0	0	8,126	8,126	0	0	0
10-14	17,573	8,995	8,995	0	0	0	8,579	8,577	1	0	0
15-19	18,442	9,435	9,224	206	0	5	9,007	8,244	737	0	26
20-24	19,042	9,745	6,702	2,853	1	189	9,297	4,438	4,535	6	318
25-29	19,961	10,214	3,408	6,216	4	586	9,747	1,554	7,530	25	638
30-34	21,316	10,879	1,964	8,017	9	889	10,437	690	8,875	56	816
35-39	22,892	11,634	1,503	9,072	20	1,039	11,258	556	9,614	105	984
40-44	22,051	11,160	1,143	8,969	33	1,014	10,891	483	9,220	167	1,022
45-49	21,114	10,631	1,022	8,605	53	952	10,483	486	8,716	251	1,030
50-54	19,216	9,630	910	7,877	82	761	9,586	468	7,852	363	903
55-59	19,055	9,463	1,005	7,681	140	636	9,593	561	7,554	608	870
60-64	19,473	9,570	1,069	7,703	237	560	9,903	639	7,324	1,004	936
65-69	20,361	9,852	1,083	7,759	437	574	10,509	717	6,978	1,659	1,154
70-74	18,195	8,565	741	6,639	661	523	9,630	605	5,513	2,291	1,221
75-79	14,016	6,308	388	4,749	787	384	7,709	408	3,585	2,670	1,046
80-84	9,681	4,041	190	2,872	753	225	5,640	282	1,938	2,692	729
85-89	5,292	1,944	57	1,264	520	103	3,348	141	757	2,084	366
90-94	2,409	737	14	405	278	40	1,672	60	210	1,237	167
95 +	1,099	255	3	93	141	18	845	22	42	691	90
0-19	68,597	35,108	34,897	206	0	5	33,489	32,725	738	0	26
20-64	184,121	92,925	18,725	66,994	579	6,627	91,196	9,874	71,219	2,586	7,517
50-64	57,744	28,662	2,984	23,261	460	1,957	29,082	1,668	22,729	1,976	2,709
62-64	11,649	5,710	624	4,600	157	328	5,939	374	4,336	656	573
65 +	71,054	31,700	2,476	23,779	3,578	1,867	39,353	2,235	19,022	13,324	4,773
20-65	188,201	94,915	18,953	68,573	644	6,745	93,286	10,014	72,677	2,854	7,741
20-66	192,315	96,915	19,178	70,150	725	6,861	95,400	10,160	74,109	3,172	7,960
20-67	196,419	98,902	19,394	71,716	815	6,977	97,518	10,304	75,515	3,510	8,188
20-68	200,484	100,860	19,606	73,254	912	7,088	99,624	10,449	76,882	3,869	8,423
20-69	204,482	102,777	19,808	74,753	1,016	7,201	101,705	10,591	78,197	4,246	8,670
66 +	66,974	29,711	2,249	22,200	3,512	1,750	37,263	2,095	17,564	13,056	4,549
67 +	62,860	27,711	2,024	20,623	3,431	1,633	35,149	1,949	16,132	12,738	4,329
68 +	58,755	25,724	1,808	19,058	3,341	1,517	33,032	1,805	14,726	12,400	4,101
69 +	54,691	23,765	1,595	17,520	3,244	1,406	30,926	1,660	13,359	12,041	3,866
70 +	50,693	21,848	1,394	16,021	3,141	1,294	28,845	1,518	12,044	11,664	3,619
Total	323,771	159,733	56,099	90,979	4,156	8,499	164,038	44,834	90,979	15,910	12,315
<b>2040:</b>											
0-4	15,048	7,704	7,704	0	0	0	7,344	7,344	0	0	0
5-9	15,712	8,043	8,043	0	0	0	7,669	7,669	0	0	0
10-14	16,412	8,401	8,401	0	0	0	8,011	8,010	1	0	0
15-19	17,141	8,771	8,574	192	0	4	8,370	7,653	693	0	24
20-24	18,241	9,338	6,422	2,733	1	182	8,903	4,231	4,360	6	306
25-29	19,337	9,901	3,322	6,008	3	568	9,436	1,540	7,252	23	621
30-34	19,891	10,163	1,817	7,504	8	834	9,728	624	8,296	50	759
35-39	20,505	10,440	1,276	8,195	17	952	10,065	366	8,759	90	850
40-44	21,545	10,915	1,071	8,730	33	1,081	10,630	304	9,175	159	992

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>2040: (continued)</b>											
45-49 .....	22,867	11,521	1,019	9,261	58	1,183	11,346	349	9,574	264	1,158
50-54 .....	21,854	10,972	878	8,981	93	1,020	10,882	371	9,012	395	1,103
55-59 .....	20,676	10,324	834	8,546	147	797	10,353	421	8,323	620	989
60-64 .....	18,453	9,142	739	7,641	212	550	9,311	420	7,184	914	792
65-69 .....	17,625	8,587	797	7,008	350	432	9,037	499	6,375	1,426	737
70-74 .....	17,022	8,091	803	6,344	564	379	8,931	556	5,504	2,094	776
75-79 .....	16,464	7,532	725	5,575	857	375	8,932	594	4,477	2,942	919
80-84 .....	13,067	5,582	387	3,923	973	299	7,485	459	2,805	3,333	888
85-89 .....	8,261	3,148	131	2,045	799	173	5,113	255	1,300	2,912	645
90-94 .....	4,125	1,339	34	745	484	76	2,785	120	424	1,884	357
95 + .....	1,689	430	5	166	228	30	1,260	36	81	964	179
0-19 .....	64,313	32,918	32,722	192	0	4	31,395	30,676	694	0	24
20-64 .....	183,369	92,716	17,377	67,599	572	7,168	90,653	8,626	71,936	2,521	7,570
50-64 .....	60,983	30,438	2,450	25,168	452	2,368	30,545	1,212	24,520	1,929	2,885
62-64 .....	10,743	5,312	429	4,445	136	302	5,431	248	4,148	587	449
65 + .....	78,252	34,710	2,883	25,806	4,256	1,765	43,542	2,519	20,967	15,556	4,500
20-65 .....	186,813	94,410	17,520	69,008	626	7,256	92,403	8,712	73,233	2,749	7,709
20-66 .....	190,215	96,076	17,662	70,388	685	7,340	94,139	8,796	74,496	3,000	7,846
20-67 .....	193,693	97,772	17,818	71,775	753	7,424	95,921	8,893	75,759	3,281	7,989
20-68 .....	197,319	99,530	17,993	73,192	833	7,512	97,789	9,006	77,041	3,598	8,144
20-69 .....	200,994	101,304	18,175	74,607	922	7,600	99,691	9,126	78,311	3,947	8,306
66 + .....	74,809	33,017	2,740	24,397	4,203	1,676	41,792	2,433	19,670	15,328	4,361
67 + .....	71,406	31,350	2,598	23,017	4,143	1,592	40,056	2,349	18,407	15,077	4,224
68 + .....	67,929	29,655	2,442	21,630	4,075	1,508	38,274	2,252	17,144	14,797	4,081
69 + .....	64,303	27,896	2,267	20,213	3,996	1,420	36,407	2,139	15,862	14,479	3,926
70 + .....	60,628	26,123	2,085	18,799	3,907	1,332	34,505	2,019	14,592	14,130	3,764
Total .....	325,935	160,345	52,982	93,597	4,828	8,937	165,590	41,821	93,597	18,077	12,094
<b>2060:</b>											
0-4 .....	13,462	6,892	6,892	0	0	0	6,569	6,569	0	0	0
5-9 .....	14,088	7,212	7,212	0	0	0	6,876	6,876	0	0	0
10-14 .....	14,726	7,539	7,539	0	0	0	7,188	7,187	1	0	0
15-19 .....	15,406	7,885	7,708	172	0	4	7,521	6,878	622	0	22
20-24 .....	16,217	8,308	5,719	2,427	1	162	7,909	3,758	3,875	4	271
25-29 .....	17,137	8,786	2,958	5,320	3	505	8,351	1,336	6,452	18	546
30-34 .....	17,976	9,198	1,676	6,756	6	760	8,778	553	7,504	39	681
35-39 .....	18,640	9,508	1,188	7,431	13	876	9,132	333	7,960	72	767
40-44 .....	19,393	9,847	984	7,850	25	988	9,546	262	8,277	127	881
45-49 .....	19,960	10,087	866	8,114	43	1,064	9,873	232	8,467	202	972
50-54 .....	20,057	10,097	782	8,214	74	1,027	9,960	215	8,447	312	985
55-59 .....	20,235	10,140	733	8,341	129	937	10,096	210	8,415	514	957
60-64 .....	20,731	10,323	718	8,542	223	840	10,407	230	8,360	870	947
65-69 .....	21,102	10,391	719	8,528	394	751	10,711	296	7,977	1,457	980
70-74 .....	18,905	9,146	585	7,412	586	563	9,760	319	6,503	2,075	862
75-79 .....	16,218	7,609	485	5,938	778	408	8,609	338	4,811	2,722	739
80-84 .....	12,444	5,531	327	4,088	855	262	6,913	303	2,994	3,063	553
85-89 .....	9,270	3,744	214	2,500	858	172	5,527	281	1,663	3,153	430
90-94 .....	6,038	2,138	104	1,215	713	107	3,900	206	743	2,615	336
95 + .....	4,313	1,231	34	471	639	87	3,082	129	249	2,270	434
0-19 .....	57,682	29,528	29,351	172	0	4	28,154	27,510	623	0	22
20-64 .....	170,347	86,295	15,624	62,995	517	7,159	84,052	7,130	67,756	2,157	7,008
50-64 .....	61,023	30,560	2,234	25,096	426	2,805	30,463	656	25,222	1,695	2,889
62-64 .....	12,510	6,220	431	5,147	149	494	6,289	143	5,000	576	570
65 + .....	88,292	39,790	2,467	30,150	4,822	2,350	48,501	1,871	24,939	17,356	4,335

**Table 20.-- January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status**  
(In thousands)

Alternative, year, and age group	Total	Sex and marital status									
		Male					Female				
		Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Alternative III: (continued)</b>											
<b>2060: (continued)</b>											
20-65	174,566	88,385	15,769	64,719	579	7,318	86,181	7,183	69,403	2,394	7,202
20-66	178,790	90,473	15,913	66,439	649	7,472	88,317	7,238	71,027	2,656	7,397
20-67	183,031	92,561	16,057	68,153	727	7,623	90,470	7,297	72,632	2,947	7,594
20-68	187,267	94,640	16,202	69,853	815	7,770	92,627	7,360	74,208	3,267	7,792
20-69	191,449	96,686	16,343	71,523	911	7,910	94,763	7,426	75,734	3,615	7,988
66 +	84,073	37,701	2,323	28,426	4,760	2,192	46,372	1,819	23,292	17,119	4,142
67 +	79,848	35,613	2,179	26,706	4,690	2,037	44,236	1,764	21,668	16,857	3,947
68 +	75,607	33,524	2,034	24,992	4,612	1,886	42,083	1,704	20,063	16,567	3,749
69 +	71,371	31,446	1,890	23,292	4,524	1,739	39,926	1,641	18,487	16,246	3,551
70 +	67,189	29,399	1,749	21,623	4,429	1,599	37,790	1,575	16,961	15,899	3,355
<b>Total</b>	<b>316,320</b>	<b>155,613</b>	<b>47,443</b>	<b>93,318</b>	<b>5,339</b>	<b>9,513</b>	<b>160,707</b>	<b>36,511</b>	<b>93,318</b>	<b>19,513</b>	<b>11,365</b>
<b>2080:</b>											
0-4	12,185	6,239	6,239	0	0	0	5,946	5,946	0	0	0
5-9	12,743	6,524	6,524	0	0	0	6,219	6,219	0	0	0
10-14	13,286	6,802	6,802	0	0	0	6,484	6,484	1	0	0
15-19	13,885	7,108	6,949	155	0	4	6,777	6,197	561	0	20
20-24	14,650	7,510	5,172	2,192	0	146	7,140	3,386	3,506	3	245
25-29	15,541	7,976	2,695	4,820	2	459	7,565	1,204	5,854	14	494
30-34	16,333	8,369	1,536	6,135	5	693	7,964	500	6,817	31	616
35-39	16,964	8,667	1,095	6,759	11	803	8,297	304	7,239	58	696
40-44	17,448	8,876	891	7,072	20	894	8,572	233	7,453	101	785
45-49	17,863	9,047	785	7,269	33	960	8,816	201	7,602	157	856
50-54	18,271	9,221	740	7,472	56	954	9,050	194	7,725	243	888
55-59	18,564	9,331	700	7,651	97	883	9,233	195	7,771	397	870
60-64	18,909	9,455	678	7,820	166	792	9,454	205	7,732	668	848
65-69	18,811	9,322	634	7,693	290	705	9,489	215	7,336	1,106	832
70-74	17,889	8,732	555	7,092	477	608	9,157	209	6,462	1,699	787
75-79	16,605	7,904	470	6,195	714	525	8,700	198	5,312	2,442	749
80-84	14,915	6,790	367	5,028	958	437	8,126	191	3,969	3,255	711
85-89	12,318	5,202	243	3,532	1,097	330	7,117	192	2,531	3,755	639
90-94	7,868	2,989	103	1,777	922	187	4,880	139	1,135	3,163	442
95 +	5,757	1,803	39	737	896	132	3,953	106	393	3,008	446
0-19	52,099	26,672	26,513	155	0	4	25,427	24,845	562	0	20
20-64	154,544	78,452	14,291	57,189	389	6,583	76,092	6,422	61,698	1,672	6,300
50-64	55,744	28,007	2,117	22,943	318	2,629	27,737	594	23,228	1,308	2,607
62-64	11,391	5,689	405	4,708	110	466	5,702	125	4,626	442	508
65 +	94,164	42,742	2,409	32,055	5,353	2,924	51,422	1,251	27,139	18,426	4,605
20-65	158,345	80,344	14,423	58,755	435	6,732	78,001	6,465	63,215	1,853	6,468
20-66	162,134	82,227	14,553	60,312	486	6,877	79,907	6,508	64,711	2,052	6,636
20-67	165,904	84,096	14,680	61,854	543	7,018	81,808	6,551	66,182	2,272	6,803
20-68	169,647	85,946	14,804	63,379	608	7,155	83,701	6,594	67,625	2,513	6,968
20-69	173,355	87,775	14,925	64,883	679	7,288	85,581	6,637	69,035	2,778	7,131
66 +	90,363	40,850	2,278	30,489	5,307	2,776	49,513	1,208	25,623	18,246	4,436
67 +	86,574	38,967	2,148	28,933	5,256	2,631	47,607	1,165	24,127	18,046	4,268
68 +	82,804	37,099	2,021	27,390	5,198	2,490	45,706	1,122	22,655	17,826	4,102
69 +	79,062	35,248	1,897	25,865	5,134	2,352	43,813	1,079	21,213	17,585	3,937
70 +	75,353	33,420	1,776	24,362	5,063	2,219	41,933	1,036	19,803	17,321	3,773
<b>Total</b>	<b>300,807</b>	<b>147,866</b>	<b>43,214</b>	<b>89,399</b>	<b>5,742</b>	<b>9,511</b>	<b>152,941</b>	<b>32,518</b>	<b>89,399</b>	<b>20,099</b>	<b>10,924</b>

Table 21 and Figure 7 illustrate the change in the median age of the total population and over 65 population throughout the projection period. The median age of the total population is fairly stable. For alternative I the median

age is projected to increase slightly until the year 2035, decline slightly, and then to stabilize throughout the remainder of the projection period. For alternative II the median age is projected to increase slowly over the entire

projection period, ultimately stabilizing. For alternative III the median age of the total population increases, with the rate of increase diminishing over time. For alternative I the median age over 65 is projected to increase slightly until the year 2005, decline until 2019, increase to just over the current average in 2042, and then to stabilize throughout the remainder of the projection period. For alternative II the median age is projected to increase slightly until the year 2006, decline slightly during the next 15 years, and then to return to and stabilize at the 2043 average for the remainder of the projection period. For alternative III the median age of the total population decreases slightly until 2019 when it starts to increase again. This increase continues throughout the remainder of the projection period, with the rate of increase diminishing over time.

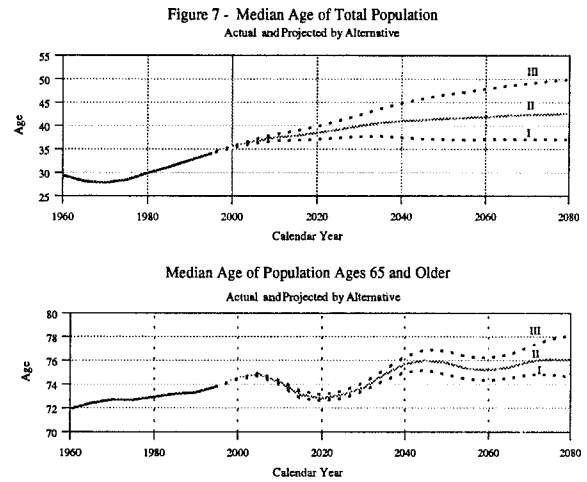
The patterns of increase are mainly due to past and assumed future patterns of fertility. The aging and dying off of the "baby boom generation" (those born during the late 1940's through the mid 1960's) is a major reason for the median age increasing slightly, then stabilizing. Also contributing to the increase in median age is the assumed decrease in mortality. As people are assumed to live longer, the median age of the population increases. This factor has more effect on the median age under alternative III, where higher mortality reductions are assumed. Sustained higher future fertility rates, as assumed for alternative I, also tend to keep the median age at lower levels.

**Table 21. -- Median Age of the Population by Calendar Year, and Alternative**

Calendar year	Total	65 +
1940	29.2	71.2
1950	30.3	71.5
1960	29.4	71.9
1965	28.1	72.4
1970	27.8	72.7
1975	28.4	72.7
1980	29.9	72.9
1985	31.2	73.2
1990	32.6	73.3
1991	32.8	73.4
1992	33.1	73.5
1993	33.4	73.6
1994	33.7	73.6
1995	34.0	73.8

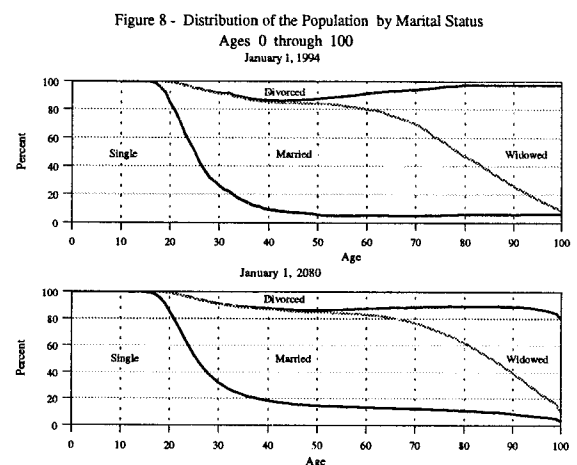
  

	Alternative I		Alternative II		Alternative III	
	Total	65 +	Total	65 +	Total	65 +
2000	35.3	74.4	35.5	74.5	35.6	74.5
2005	36.2	74.7	36.5	74.8	36.9	74.9
2010	36.7	73.9	37.4	74.1	38.1	74.3
2015	36.8	72.8	37.8	73.1	38.8	73.4
2020	37.0	72.6	38.4	72.8	39.8	73.1
2030	37.6	73.4	39.9	73.7	42.2	74.1
2040	37.4	75.0	41.0	75.7	44.8	76.3
2050	37.0	74.8	41.4	75.8	46.5	76.8
2060	37.0	74.3	41.8	75.2	47.8	76.2
2080	37.0	74.6	42.6	76.1	49.9	78.1



### B. Population by Marital Status

In 1994, 42 percent of the population was estimated to be single (never married). The proportion of the population which is projected to be single in 2080 is 50 percent under alternative I, 39 percent under alternative II, and 25 percent under alternative III, reflecting differences in the projected marriage and divorce rates and in the age distribution of the population among the three alternatives. The proportion married is projected to change from 46 percent in 1994 to 37, 46, and 59 percent in 2080, under alternatives I, II, and III, respectively. The proportion widowed in 2080 is projected to decrease from 6 percent in 1994 to 5 percent under alternative I, remain at 6 percent for alternative II, and to increase to 9 percent under alternative III. The current high incidence of divorce and the future assumptions concerning marriage and divorce result in the proportion divorced to increase from 6 percent in 1994 to 9 percent, 8 percent, and 7 percent under alternatives I, II, and III respectively. Figure 8 compares the distribution of the population by marital status in 1994 with the projected distribution under alternative II in 2080.



The disunity ratio given in Table 22 is the ratio of the number of divorced persons to the sum of the numbers of married and widowed persons. This ratio is assumed to increase from .121 in 1994 to .216 and .161 in 2080 under alternatives I and II, respectively, and to decrease to .100 in 2080 under Alternative III.

### C. Aged Population

A rough estimate of the growth in the number of persons receiving Social Security retirement benefits can be obtained from examining the population ages 65 and older given in Table 22. The projected population at ages 65 and older is also shown graphically in Figure 9. The growth in the number of people aged 65 or older slows down around the year 2000 due to the low fertility experience during the 1930's. This slowing down is not as great under alternatives II and III because assumed mortality reductions are greater than under alternative I. The high fertility of the 1950's and 1960's results in sharp steady growth in the population age 65 and older for the period 2010 - 2030 under all of the alternatives. By the year 2080, the population age 65 and older increases significantly as a percentage of total population from 12 percent in 1994 to 17 percent under alternative I, 23 percent under alternative II, and 31 percent under alternative III.

Table 21 and Figure 7 also show the change in the median age of the population ages 65 and older. This median age increases until around 2010, when the "baby boom generation" begins to reach 65. As the "baby boom

generation" ages, the median age once again increases. At the same time the "baby boom generation" ages, the low fertility period of the 1970's and early 1980's also contributes to the increase in the median age. In addition to the historical fertility experience, mortality reduction is also a factor in the change in the median age of the population ages 65 and older. In general, with all other factors held constant, reductions in mortality result in longer life and higher median age.

### D. Demographic Indicators

The projected population is summarized in Table 22 by broad age group and alternative for selected years. The age groups are under 20 years, 20-64 years, and 65 years or older.

Figure 9 - Social Security Area Population, Aged 65 +  
(in millions), 1960 - 2080  
Actual and Projected by Alternative

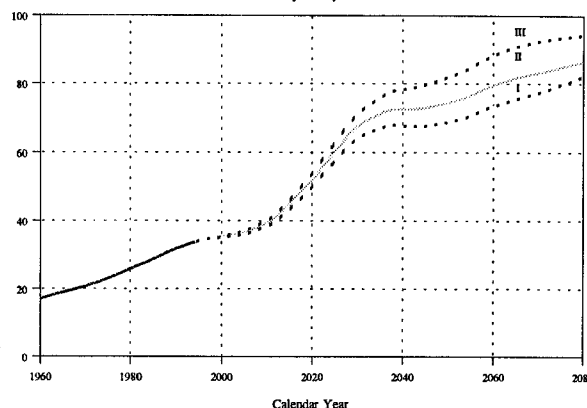


Table 22. -- Population in the Social Security Area as of January 1 and Selected Ratios by Year and Alternative

Alternative and year	Population (in thousands)								Dependency ratio		Disunity ratio
	Marital status				Total	Age			Aged	Total	
	Single	Married	Widowed	Divorced		0-19	20-64	65 +			
1940	66,162	64,943	8,546	1,636	141,287	48,389	83,212	9,686	.116	.698	.022
1950	66,862	78,926	9,790	2,213	157,791	53,236	92,008	12,547	.136	.715	.025
1960	85,286	89,500	10,959	2,974	188,719	72,158	99,493	17,068	.172	.897	.030
1965	92,887	94,781	11,497	3,694	202,859	79,589	104,355	18,915	.181	.944	.035
1970	96,478	100,248	12,403	4,481	213,610	80,553	112,367	20,690	.184	.901	.040
1975	97,343	106,286	13,051	6,939	223,619	78,849	121,790	22,980	.189	.836	.058
1980	100,299	109,480	13,754	10,442	233,975	74,806	133,299	25,870	.194	.755	.085
1985	105,248	112,312	14,749	13,626	245,935	73,155	144,038	28,742	.200	.707	.107
1986	106,081	113,213	14,823	14,249	248,366	73,290	145,715	29,361	.201	.704	.111
1987	107,040	114,559	14,773	14,458	250,830	73,557	147,235	30,038	.204	.704	.112
1988	108,340	115,198	14,974	14,830	253,343	73,960	148,774	30,609	.206	.703	.114
1989	109,649	115,710	15,231	15,336	255,926	74,401	150,381	31,144	.207	.702	.117
1990	110,553	116,762	15,452	15,915	258,681	74,906	152,056	31,719	.209	.701	.120
1991	111,113	118,295	15,684	16,170	261,262	75,321	153,722	32,219	.210	.700	.121
1992	111,730	119,818	15,917	16,425	263,890	75,991	155,185	29,361	.189	.679	.121
1993	112,411	121,377	16,138	16,654	266,580	76,869	156,476	33,234	.212	.704	.121
1994	113,050	122,847	16,340	16,904	269,141	77,785	157,719	33,637	.213	.706	.121
1995	114,233	123,425	16,349	17,716	271,723	78,614	159,090	34,020	.214	.708	.127
Alternative I :											
1996	115,499	124,202	16,354	18,449	274,504	79,472	160,655	34,378	.214	.709	.131
1997	116,783	124,939	16,367	19,161	277,249	80,265	162,338	34,646	.213	.708	.136
1998	118,075	125,660	16,383	19,837	279,955	80,958	164,173	34,824	.212	.705	.140

**Table 22. -- Population in the Social Security Area as of January 1 and Selected Ratios by Year and Alternative**

Alternative and year	Population (in thousands)								Dependency ratio		Disunity ratio
	Marital status				Total	Age			Aged	Total	
	Single	Married	Widowed	Divorced		0-19	20-64	65 +			
Alternative I: (continued)											
1999	119,372	126,368	16,402	20,485	282,626	81,576	166,098	34,953	.210	.702	.143
2000	120,671	127,061	16,422	21,115	285,269	82,047	168,111	35,111	.209	.697	.147
2005	127,207	130,362	16,525	24,106	298,200	83,856	178,294	36,050	.202	.673	.164
2010	134,191	133,484	16,692	26,838	311,205	85,600	187,193	38,412	.205	.662	.179
2015	141,971	136,262	17,082	29,378	324,692	87,611	193,651	43,431	.224	.677	.192
2020	150,664	138,087	17,808	31,720	338,279	91,254	197,018	50,007	.254	.717	.203
2025	159,622	139,258	18,846	33,574	351,300	95,237	198,424	57,639	.290	.770	.212
2030	167,977	140,533	19,989	34,771	363,270	98,720	200,461	64,089	.320	.812	.217
2040	183,465	143,902	21,447	36,164	384,978	104,496	212,762	67,720	.318	.809	.219
2050	198,236	149,714	21,237	37,267	406,453	111,347	226,321	68,786	.304	.796	.218
2060	212,497	157,816	20,912	38,807	430,033	118,466	238,141	73,425	.308	.806	.217
2070	226,270	167,300	21,609	40,833	456,013	125,281	253,365	77,367	.305	.800	.216
2080	239,869	177,465	22,633	43,167	483,133	132,676	268,236	82,220	.307	.801	.216
Alternative II :											
1996	115,289	124,154	16,366	18,417	274,227	79,370	160,474	34,383	.214	.709	.131
1997	116,318	124,905	16,389	19,070	276,682	80,040	161,973	34,668	.214	.708	.135
1998	117,309	125,695	16,415	19,666	279,085	80,589	163,622	34,874	.213	.706	.138
1999	118,260	126,523	16,443	20,215	281,441	81,040	165,359	35,042	.212	.702	.141
2000	119,168	127,384	16,471	20,730	283,753	81,321	167,184	35,248	.211	.697	.144
2005	123,126	132,141	16,595	22,980	294,842	81,833	176,465	36,543	.207	.671	.154
2010	126,473	137,560	16,748	24,789	305,571	81,666	184,535	39,369	.213	.656	.161
2015	129,469	143,229	17,114	26,286	316,098	81,077	190,138	44,883	.236	.662	.164
2020	132,265	148,319	17,823	27,500	325,907	81,637	192,272	51,997	.270	.695	.166
2025	134,888	152,337	18,892	28,423	334,541	82,445	191,825	60,271	.314	.744	.166
2030	137,180	155,358	20,181	29,067	341,787	82,913	191,383	67,491	.353	.786	.166
2040	140,550	159,598	22,323	29,773	352,244	82,887	196,796	72,561	.369	.790	.164
2050	143,009	163,143	22,895	30,118	359,165	83,545	201,225	74,394	.370	.785	.162
2060	144,970	166,843	22,875	30,554	365,241	84,186	201,557	79,498	.394	.812	.161
2070	146,551	170,295	23,511	31,131	371,489	84,582	203,676	83,230	.409	.824	.161
2080	147,856	173,029	24,240	31,672	376,797	85,178	205,210	86,409	.421	.836	.161
Alternative III :											
1996	115,091	124,196	16,371	18,372	274,031	79,290	160,351	34,390	.214	.709	.131
1997	115,838	125,087	16,399	18,939	276,263	79,855	161,715	34,693	.215	.708	.134
1998	116,469	126,112	16,430	19,415	278,425	80,275	163,223	34,928	.214	.706	.136
1999	116,985	127,260	16,464	19,814	280,521	80,574	164,814	35,133	.213	.702	.138
2000	117,384	128,508	16,503	20,152	282,547	80,680	166,482	35,385	.213	.697	.139
2005	117,788	136,138	16,705	21,227	291,859	79,950	174,906	37,002	.212	.669	.139
2010	116,097	145,892	16,846	21,597	300,432	77,912	182,274	40,245	.221	.648	.133
2015	112,716	157,009	17,110	21,518	308,353	74,802	187,321	46,231	.247	.646	.124
2020	108,249	168,024	17,686	21,063	315,023	72,522	188,586	53,915	.286	.670	.113
2025	104,123	176,589	18,687	20,757	320,157	70,571	186,678	62,908	.337	.715	.106
2030	100,933	181,958	20,067	20,814	323,771	68,597	184,121	71,054	.386	.758	.103
2040	94,803	187,195	22,906	21,031	325,935	64,313	183,369	78,252	.427	.777	.100
2050	89,100	187,946	24,426	21,000	322,472	60,886	179,756	81,831	.455	.794	.099
2060	83,954	186,635	24,853	20,878	316,320	57,682	170,347	88,292	.518	.857	.099
2070	79,537	183,666	25,405	20,741	309,349	54,717	162,239	92,392	.569	.907	.099
2080	75,732	178,799	25,840	20,435	300,807	52,099	154,544	94,164	.609	.946	.100

Note: 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 total dependency ratio given in Tables 22 is the ratio of the number of persons who are under age 20 or over age 64 to the number of persons aged 20-64. This ratio views the possible future financial burdens to be borne by workers from a somewhat broader perspective. Under all three

alternatives, the total dependency ratio is projected to decrease from 0.706 in 1994 to a minimum around 2010, reflecting the small number of children resulting from the low fertility rates experienced since 1970 and projected to be experienced in the near future, and the slow growth in the



aged population resulting from the low fertility rates experienced during the 1930's. Shortly after 2010, the total dependency ratios begin to rise, largely reflecting the same effects that influence the aged dependency ratios. Projected values of the total dependency ratio in 2080 range from 0.801 under alternative I to 0.946 under alternative III or roughly from 12 to 25 percent higher than the 1994 value.

The aged dependency ratio shown in Table 22 is the ratio of the number of persons aged 65 or older to the number of persons aged 20 to 64. This aged dependency ratio is also shown graphically in Figure 10. This ratio is closely related to the ratio of retirees to workers and, thus, provides an index of possible future demographic pressures which may be faced by the OASDI program. The Social Security Act of 1983, in order to insure the continued ability of Social Security to pay benefits, raised the normal retirement age. For workers who attain age 62 in 2000 through 2004, eligibility age for full benefits (retirement age) is increased to age 65 plus two months for each year after 1999 the worker attains age 62. This raises the normal retirement age to 66 in 2005 for persons born in 1943 through 1954. The normal retirement age is again raised for workers who attain age 62 in 2017 through 2021 to age 66 plus two months for each year after 2016 the worker attains age 62. This raises the normal retirement age to 67 for persons born in 1960 and later. Information provided in Table 20 allows calculation of the aged dependency ratios for retirement ages 65 through 70. Under Alternative I, the aged dependency ratio for retirement age 65 is projected to increase from 0.213 in 1994 to 0.320 in the year 2030 and then to decrease to an ultimate level of 0.307. Under Alternative II the aged dependency ratio for retirement age 65 is projected to decrease slightly until 2005, then to steadily increase to 0.421 in 2080. Under Alternative III the aged dependency ratio for retirement age 65 is projected to decrease slightly until 2005, then to steadily increase to 0.609 in 2080. A sharp increase in the aged dependency ratio shortly after the turn of the century appears certain as the "baby boom generation" attains age 65 while the "baby bust generation" (those born during the 1970's and 1980's) attains age 20. The magnitude of the increase, however, will depend upon future mortality reductions among the aged and future fertility rates. Even under optimistic assumptions, however, the aged dependency ratio will increase about 50 percent by the year 2030.

Since not everyone retires at age 65 and since the minimum age at which unreduced benefits are payable is scheduled to increase, it is interesting to observe the aged dependency ratio using cutoff ages other than 65. Table 23 displays these ratios at age 62 when retired worker benefits are first available, at age 67 which will be the normal retirement age (i.e., the minimum age at which unreduced retirement benefits are payable) after 2026, and at age 70 after which delayed retirement credits can no longer be earned.

Figure 10 - Ratio of Population Aged 65 + to Population aged 20 - 64, 1960 - 2080  
Actual and Projected by Alternative

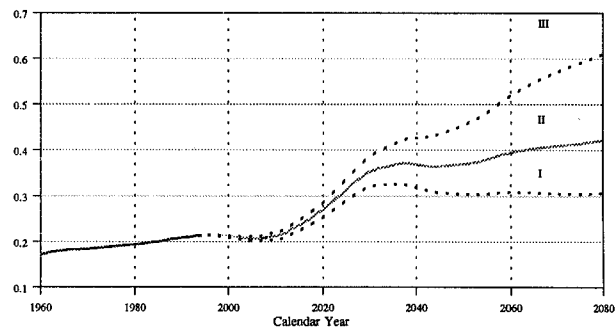


Table 23. -- Aged Dependency Ratios at Selected Retirement Ages by Calendar Year and Alternative

Alternative and year	Age			
	62	65	67	70
1940	.158	.116	.093	.065
1950	.185	.136	.110	.077
1960	.226	.172	.140	.100
1965	.236	.181	.150	.110
1970	.241	.184	.153	.113
1975	.246	.189	.156	.116
1980	.250	.194	.162	.120
1985	.257	.200	.168	.126
1990	.263	.209	.176	.132
1991	.263	.210	.178	.134
1992	.264	.211	.179	.137
1993	.264	.212	.181	.138
1994	.264	.213	.182	.140
1995	.263	.214	.183	.141
Alternative I :				
1996	.262	.214	.184	.142
1997	.260	.213	.184	.143
1998	.259	.212	.184	.144
1999	.258	.210	.183	.144
2000	.256	.209	.181	.144
2005	.254	.202	.174	.138
2010	.269	.205	.172	.132
2015	.297	.224	.184	.135
2020	.338	.254	.208	.152
2025	.381	.290	.239	.175
2030	.402	.320	.268	.200
2040	.391	.318	.277	.218
2050	.382	.304	.259	.201
2060	.385	.308	.263	.202
2070	.381	.305	.262	.205
2080	.385	.307	.261	.203
Alternative II :				
1996	.262	.214	.184	.143
1997	.261	.214	.184	.144
1998	.260	.213	.185	.144
1999	.259	.212	.184	.145
2000	.258	.211	.183	.145
2005	.260	.207	.178	.142
2010	.278	.213	.180	.139

**Table 23. -- Aged Dependency Ratios at Selected Retirement Ages by Calendar Year and Alternative**

Alternative and year	Age			
	62	65	67	70
Alternative II: (continued)				
2015	.311	.236	.194	.144
2020	.358	.270	.223	.164
2025	.410	.314	.260	.191
2030	.441	.353	.297	.224
2040	.449	.369	.323	.257
2050	.460	.370	.318	.251
2060	.489	.394	.338	.263
2070	.502	.409	.354	.283
2080	.518	.421	.364	.290
Alternative III :				
1996	.262	.214	.184	.143
1997	.262	.215	.185	.144
1998	.261	.214	.185	.145
1999	.261	.213	.185	.146
2000	.260	.213	.185	.147
2005	.265	.212	.182	.145
2010	.287	.221	.186	.145
2015	.324	.247	.204	.153
2020	.376	.286	.236	.176
2025	.437	.337	.280	.208
2030	.480	.386	.327	.248
2040	.516	.427	.375	.302
2050	.563	.455	.394	.314
2060	.639	.518	.447	.351
2070	.691	.569	.498	.404
2080	.737	.609	.534	.435

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

In Table 24 the ages necessary to maintain an aged dependency ratio of .20, .25, and .30 are given. In order to maintain an aged dependency ratio of .20 (the approximate age 65 dependency ratio during the period 1980 -1990) the aged dependency ratio in 2080 must be calculated at ages 71, 75, and 80 under alternatives I, II, and III, respectively. Under all three alternatives, the age necessary to maintain a selected aged dependency ratio increases rapidly from 2010 to 2040.

**Table 24. -- Retirement Age at Selected Aged Dependency Ratios by Calendar Year and Alternative**

Alternative and year	Dependency ratio		
	.20	.25	.30
1940	59	57	55
1950	61	59	57
1960	63	61	59
1965	64	62	60
1970	65	62	60
1975	65	62	60
1980	65	63	60
1985	65	63	61
1990	66	63	61

**Table 24. -- Retirement Age at Selected Aged Dependency Ratios by Calendar Year and Alternative**

Alternative and year	Dependency ratio		
	.20	.25	.30
1995	66	63	60
Alternative I :			
1996	66	63	60
1997	66	63	60
1998	66	63	60
1999	66	63	60
2000	66	63	60
2005	66	63	60
2010	66	63	61
2015	67	64	62
2020	68	66	64
2025	69	67	65
2030	70	68	66
2040	71	69	66
2050	71	68	66
2060	71	68	66
2070	71	68	66
2080	71	68	66
Alternative II :			
1996	66	63	60
1997	66	63	60
1998	66	63	60
1999	66	63	60
2000	66	63	60
2005	66	63	61
2010	66	64	62
2015	67	65	63
2020	69	66	64
2025	70	68	66
2030	72	69	67
2040	74	71	69
2050	73	71	68
2060	74	71	69
2070	75	72	70
2080	75	72	70
Alternative III :			
1996	66	63	60
1997	66	63	60
1998	66	63	60
1999	66	63	60
2000	66	63	60
2005	66	63	61
2010	67	64	62
2015	68	65	63
2020	69	67	65
2025	71	69	67
2030	73	70	68
2040	76	73	71
2050	76	73	71
2060	77	75	72
2070	79	76	74
2080	80	78	76

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