SOCIAL SECURITY AREA POPULATION PROJECTIONS 1991

ACTUARIAL STUDY NO. 106 by Alice Wade, A.S.A.

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FOREWORD

Actuarial Study No. 106 describes the population projections that underlie the long-range cost estimates for the Old-Age, Survivors, and Disability Insurance (OASDI) program, which are included in the 1991 Report of the OASDI Board of Trustees to Congress.

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

The reader should also be aware that the historical populations referenced in this study include geographical regions and population subgroups that vary through time. Therefore, the historical populations for one particular year may not be consistent with those for an earlier or later year.

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SOCIAL SECURITY AREA POPULATION PROJECTIONS: 1991

I. INTRODUCTION

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

The initial step in the estimating process is to project the number of people in the geographical areas covered by OASDI for each of the next 75 years. This study provides details about the population projections used in preparing the 1991 Annual Report of the OASDI Board of Trustees. The population projections were also used in estimating the future financial status of the Hospital Insurance (HI) program as described in the 1991 Annual Report of the HI Board of Trustees. The population projections described in this study supersede those published in Actuarial Study Number 105, which were used in the preparation of the 1989 Annual Reports. These new projections start from an estimate of the January 1, 1989 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 detail than is published here is available from the Office of the Actuary, upon request.

Because eligibility for many categories of OASDI benefits depends on marital status, the population is

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

Alternative II, also referred to as the intermediate projection, is based on assumptions that are thought to be the most likely to occur among the three sets presented. Alternative I is designated as optimistic because among the three projections the assumptions selected produce the most favorable financial effect for the OASDI program. Similarly, the assumptions chosen for alternative III, designated pessimistic, produce the most unfavorable financial effect. Alternatives I and III are designed to give policymakers a sense of the 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, 1989, by single year of age, sex, and marital status. Table 1 shows this starting population by age group, sex, and marital status.

Table 1.—January 1, 1989 Population in the Social Security Area by Age Group, Sex, and Marital Status
[In thousands]

[in thousands]											
			Female								
Age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
0-4	19,509	9,986	9,986	0	0	0	9,523	9,523	0	0	0
5-9	18,915	9,679	9,679	ŏ	Ö	Ō	9,235	9,235	0	0	0
10-14	17,324	8,872	8,871	Õ	Ō	Ó	8,452	8,449	3	0	0
15-19	18,463	9,440	9,302	129	2	8	9,023	8,576	420	10	17
20-24	19,835	10,093	7,826	2,115	6	146	9,742	6,097	3,333	15	296
					_				- 0 - 1	07	000
25-29	22,832	11,632	5,454	5,587	. 5	587	11,200	3,309	6,954	37	900
30-34	22,698	11,548	3,101	7,462	26	960	11,150	1,896	7,978	78	1,198
35-39	20,162	10,178	1,659	7,362	37	1,119	9,984	990	7,550		1,309
40-44	17,189	8,610	790	6,697	54	1,069	8,580	545	6,434	279	1,322
45-49	13,842	6,891	545	5,435	79	832	6,951	406	5,209	301	1,035
50-54	11.622	5.737	403	4,583	115	636	5,885	313	4,356	417	798
55 50	11,022	5,389	344	4,382	145	519	5,701	267	4,008	804	621
55-59	11,116	5,254	311	4,282	237	425	5.862	257	3,843	1,247	515
60-64	10,042	4,606	254	3,704	365	283	5,435	241	3,124	1,704	366
65-69	8.028	3,469	177	2,706		166	4,559	218	2,159	1.950	232
70-74	0,020	3,409	1//	2,700	417	100	4,557	210	2,107	1,,550	
75-79	6,009	2,367	112	1,764	411	79	3,643	208	1,228	2,089	118
80-84	3,858	1,333	60	921	317	35	2,525	155	596	1,709	65
85-89	2,077	605	27	328	235	15	1,472	91	261	1,082	38
90-94	835	206	9	76	116	5	629	39	75	499	16
95+	256	55	2	10	41	1	201	12	11	172	5
0.40	54.040	000 000	00 0 10	***			06.000	05 700	400	10	17
0-19	74,212	37,978	37,840	129	2	8	36,233	35,783	423	10 3,313	7,995
20-64	150,387	75,333	20,433	47,904	704	6,292	75,054	14,080	49,665		7,993 840
65+	31,104	12,640	642	9,509	1,904	585	18,464	965	7,454	9,203	040
20-65	152,512	76,319	20,489	48,700	771	6,358	76,193	14,130	50,352	3,631	8,080
20-66		77,285	20,543	49,479	843	6,420	77,320	14,180	51,015	3,965	8,160
20-67		78,235	20,595	50,243	919	6,478	78,433	14,229	51,653		
20-68		79,135	20,644	50,965	996		79,507	14,277	52,254		8,303
20-69		79,939	20,687	51,608	1,069	6,575	80,489	14,321	52,789		8,362
		•	•		•	•	-	•	•		
Total	255,702	125,951	58,915	57,542	2,610	6,885	129,751	50,828	57,542	12,528	8,853

Because the most complete data were available as of July 1, the population as of January 1, 1989 was interpolated from estimates of the Social Security Area population as of July 1, 1988, and July 1, 1989. For some of the components, estimates were not available as of July 1, 1989, and in these cases, the July 1, 1989 population estimates were assumed equal to the July 1, 1988 estimates. The 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:

	July 1		
	1988	1989	
Residents of the fifty States and D.C. and			
armed forces overseas	246,334	248,759	
Adjustment for net census undercount	3,389	3,724	
Civilian residents of Puerto Rico	3,287	3,287	
Civilian residents of the Virgin Islands	103	103	
Civilian residents of Guam	123	123	
Civilian residents of American Samoa and N.			
Mariana Islands	61	61	
Federal civilian employees overseas	58	58	
Dependents of Armed Forces and Federal em-			
ployees overseas	442	442	
Crew members of merchant vessels	11	11	
Other citizens overseas	525	525	
Total	254,333	257,093	

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 Current Population Reports, Series P-25, No. 1057, published by 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 adjustment for net census undercount was estimated using data published in Current Population

Reports, Series P-25, No. 1057. The numbers of civilian residents of Puerto Rico, the Virgin Islands, Guam, and American Samoa were estimated from data obtained from the Bureau of the Census. The numbers of Federal civilian employees 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, 1988 and July 1, 1989 Social Security Area population estimates by sex for single years of age through 84, and for the group aged 85 or older were then interpolated to obtain the starting population as of January 1, 1989. 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. 445. The distribution of the number of 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, 1989 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, 1989 Existing Marriages in the Social Security Area by Age of Husband and Wife [In thousands]

							Α	ge grou	p of w	fe						
Age group of husband	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	129	83	36	4	1	1	1	1	1	1	0	0	0	0	0	
20-24	2,115	271	1,481	296	43	12	4	2	2	1	ĭ	ĭ	ŏ	ŏ	ň	ŏ
25-29	5,587	51	1,412	3,488	514	82	22	8	4	2	ī	$\tilde{2}$	ĭ	ĭ	ň	ň
30-34	7,462	10	293	2,473	4,011	529	105	26	7	3	2	ī	î	î	ň	ñ
35-39	7,362	3	72	496	2,621	3,574	471	90	21	6	3	$\tilde{2}$	î	i	ň	ň
40-44	6,697	2	23	132	565	2,569	2,918	383	75	18	6	3	î	î	ň	ň
45-49	5,435	1	7	38	141	534	2,137	2,180	305	60	19	8	3	ż	ĭ	ň
50-54	4,583	1	3	14	48	154	527	1,767	1.664	288	77	27	ğ	3	î	1
55-59	4,382	0	2	7	20	58	162	516	1,565	1,560	354	95	30	ğ	2	î
60-64	4,282	0	1	3	8	24	59	162	504	1,452	1,563	378	96	24	5	2
65-69	3,704	0	1	2	4	9	20	51	146	450	1,324	1,300	308	71	14	6
70-74	2,706	0	0	1	1	3	7	16	44	123	370	962	918	207	36	17
75-79	1,764	0	0	0	1	1	2	5	14	35	96	274	625	551	105	54
80-84	921	0	0	0	0	0	0	1	2	6	16	43	107	241	311	192
85+	414	0	0	0	0	0	0	1	2	4	10	27	61	116	121	73
Total	57,542	423	3,333	6,954	7,978	7,550	6,434	5,209	4,356	4,008	3,843	3,124	2,159	1,228	596	347

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 1988. 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. Table 3 and Chart 1 give past and projected total fertility rates by alternative.

Table 3.—Total Fertility Rates by Calendar Year and Alternative
[Per thousand women]

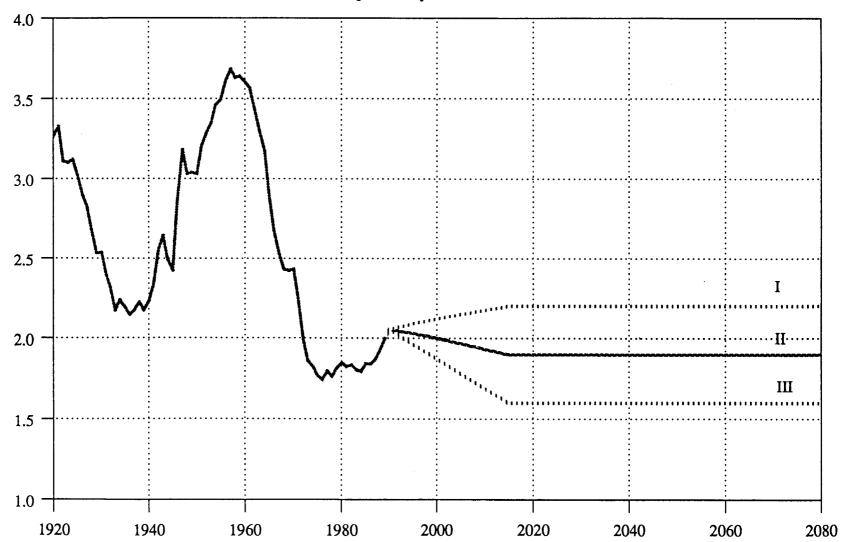
[2 of thousand women]								
Calendar year	Total fertility rate							
1920	3,263.3							
1921	3,326.2							
1922	3,109.4							
1923	3,101.2							
1924	3,120.7							
1925	3,011.6							
1926	2,900.7							
1927	2,824.3							
1928	2,659.8							
1929	2.532.0							
1930	2,532.5							
1931	2,401.7							
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							

Table 3.—Total Fertility Rates by Calendar Year and Alternative —Continued

[Per thousand women]

	[Per thousan		
Calendar year	T	otal fertility rate	
1943		2,640.2	
1944		2,494.5 2,421.8	
1945 1946		2,857.9	
1947		3,181.2	
1948		3,026.2	
1949		3,036.2	
1950		3,028.0 3,199.1	
1951 1952		3,286.5	
1953		3,349.4	
1954		3,461.2	
1955		3,498.3	
1956 1957		3,604.7 3,682.4	
1958		3,628.9	
1959		3,638.2	
1960		3,605.7	
1961		3,563.9	
1962		3,423.3 3,297.8	
1963 1964		3,170.9	
1965		2,881.6	
1966		2,670.4	
1967		2,525.5	
1968 1969		2,431.0 2,422.9	
1970		2,431.7	
1971		2,245.4	
1972		1,993.6	
1973		1,862.5	
1974 1975		1,824.4 1,770.3	
1976		1,744.8	
1977		1,795.0	
1978		1,764.4	
1979 1980		1,816.7 1,849.0	
1981		1,825.4	
1982		1,834.7	
1983		1,805.3	
1984		1,796.4 1,839.6	
1985 1986		1,838.8	
1987		1,869.9	
1988		1,925.7	
1989		1,996.6	
1990		2,051.8	
	Alternative I	Alternative II	Alternative III
1991	2,060.0	2,047.7	2,033.7
1992	2,067.8	2,043.3	2,015.8
1993 1994	2,075.4 2,082.6	2,038.5 2,033.6	1,998.0 1,980.3
1995	2,082.0	2,028.4	1,962.5
1996	2,096.1	2,023.1	1,944.5
1997	2,102.6	2,017.6	1,926.5
1998	2,108.9	2,012.0	1,908.5 1,890.5
1999	2,114.8 2,120.6	2,006.1 2,000.1	1,872.5
2001	2,126.3	1,993.8	1,854.6
2002	2,132.0	1,987.5	1,836.3
2003	2,137.5	1,981.1	1,818.0
2004	2,142.9 2,148.2	1,974.5 1,967.9	1,799.6 1,781.1
2006	2,146.2	1,961.2	1,762.6
2007	2,158.8	1,954.4	1,744.3
2008	2,164.1	1,947.6	1,725.9
2009	2,169.3	1,940.8 1,934.0	1,707.6 1,689.3
2010	2,174.4 2,179.5	1,934.0	1,671.1
2012	2,184.7	1,920.2	1,653.0
2013	2,189.7	1,913.4	1,635.1
2014	2,194.9	1,906.7	1,617.4
2015	2,200.0	1,900.0	1,600.0

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



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 low fertility beginning in the mid-1970's. 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 reached a low of 1.74 in 1976. Since then, the total fertility rate was 1.8 children per woman until 1987 when it began to increase substantially. The estimated total fertility rates for 1989 and 1990 are 2.00 and 2.05, respectively.

On average, the 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. Recent birth expectation surveys, such as that published by the Bureau of the Census in the Current Population Reports, Series P-20, No. 436, show birth expectations in the neighborhood of 2.0-2.1 children per woman. However, when comparing past birth expectation surveys with actual experience, birth expectations have tended to be higher. 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 1991 Report of the Board of Trustees.

To help in selecting ultimate rates for alternatives I and III, an examination of the recent total fertility rates in other nations is useful. A comparison of the total fertility rates for the most recent calendar year prior to 1987 for which data was available as listed in the Demographic Yearbook, 1987, for the U.S., Canada, and fifteen countries in Western Europe revealed a range of 2.5 in Ireland to 1.4 in West Germany. The U.S., Greece, Sweden, and the United Kingdom shared the third highest ranking with 1.8. Ireland was the only country to have a total fertility rate equal to or over 2.2 and ten countries had a total fertility rate equal to or under 1.6. 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. 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 2015. The ultimate values selected for the 1991 Trustees Report are slightly higher 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. 1018. The Bureau of the Census used a range of 1.5 to 2.2, with an intermediate assumption of 1.8.

Total fertility rates for 1989 and 1990 were estimated from provision al data published by the National Center for Health Statistics in Monthly Vital Statistics Reports, Volumes 38 and 39. Between 1990 and 2015, the agespecific 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]

					Calendai	гуеаг				
Alternative and age	1986	1987	1988	1989	1990	1995	2000	2005	2010	2015
Alternative I:										
14	6.5	6.8	7.2	7.5	7.7	7.7	7.7	7.7	7.7	7.7
15	16.7	17.4	18.4	19.1	19.6	19.6	19.6	19.6	19.9	20.1
16	31.3	32.0	33.6	34.8	35.8	36.3	36.8	37.3	37.8	38.3
17	50.8	50.7	52.7	54.6	56.2	56.7	57.2	57.7	58.2	58.8
18	71.6	71.3	73.4	76.1	78.2	79.2	80.2	81.2	82.2	83.2
19	88.5	88.2	90.3	93.6	96.2	97.3	98.3	99.3	100.5	101.8
20	100.0	100.3	102.5	106.3	109.2	110.7	112.2	113.7	115.2	116.7
21	105.4	106.2	108.9	112.9	116.0	117.6	119.1	120.6	122.1	123.6
22	109.0	110.1	112.4	116.6	119.8	121.5	123.0	124.5	126.0	127.5
23	111.6	112.3	114.9	119.1	122.4	124.3	125.8	127.3	128.8	130.3
24	113.3	113.8	116.4	120.7	124.0	126.0	127.5	129.0	130.5	132.0
25	113.9	114.6	117.0	121.3	124.7	126.9	128.5	130.0	131.5	133.0
26	113.1	114.2	116.6	120.9	124.2	126.5	128.2	129.7	131.2	132.7
27	110.0	111.8	114.3	118.5	121.8	124.1	125.9	127.4	128.9	130.4
28	105.2	107.3	110.0	114.1	117.2	119.6	121.4	122.9	124.4	125.9
29	- 98.6	100.5	103.4	107.2	110.2	112.6	114.5	116.0	117.5	119.0
30	90.1	91.9	94.4	97.9	100.6	102.9	104.7	106.2	107.7	100.3
31	79.9	81.9	84.3	87.4	89.8	91.8	93.5	106.2	107.7	109.2
32	69.1	71.2	73.5	76.2				94.8	95.8	96.8
33	58.8	60.9	63.4	65.7	78.3 67.6	80.3	81.8	83.0	84.0	85.0
34	48.9	51.0	53.4	55.4	56.9	69.2 58.4	70.7 59.7	71.7 60.7	72.7 61.5	73.7 62.0
35	39.8	41.8	43.8	45.4	46.7	40.0	40.0			
36	31.4	33.2	35.1			48.0	49.0	50.0	50.5	51.0
37	23.5	25.3	26.9	36.4	37.4	38.4	39.4	40.1	40.6	41.1
38	23.3 17.4			27.9	28.7	29.7	30.2	30.7	31.2	31.7
39		18.5	20.1	20.8	21.4	22.0	22.5	23.0	23.5	24.0
	12.6	13.2	14.3	14.8	15.2	15.7	16.2	16.7	17.1	17.1
40	8.6	9.1	9.8	10.2	10.4	10.9	11.4	11.8	11.8	11.8
41	5.8	6.2	6.4	6.6	6.8	6.8	6.8	6.8	6.8	6.8
42	3.5	3.8	4.1	4.3	4.4	4.4	4.4	4.4	4.4	4.4
43	1.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	
44	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	2.3 1.4
45	.7	.8	.6	.6	.6	.6	.6	.6	.6	6
46	.1	.1	.1	.1	.ĭ	.1	.1	.1	.1	.6
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .0
48	.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
Iternative II :										
14	6.5	6.8	7.2	7.5	7.7	7.7	7.7	7.7	7.7	7.7
15	16.7	17.4	18.4	19.1	19.6	19.1	18.6	18.1	17.6	17.3
16	31.3	32.0	33.6	34.8	35.8	35.3	34.8	34.3	33.8	33.3
17	50.8	50.7	52.7	54.6	56.2	55.2	54.2	53.2	52.2	51.3
18	71.6	71.3	73.4	76.1	78.2	76.7	75.2	73.7	72.2	
19	88.5	88.2	90.3	93.6	96.2	94.7	93.2	91.7	90.2	70.9 88.7
20	100.0	100.3	102.5	106.3	109.2	107.3	105.3	103.3	101.3	00.2
21	105.4	106.2	108.9	112.9	116.0	114.1				99.3
22	109.0	110.1	112.4	116.6	119.8		112.1	110.1	108.1	106.1
23	111.6	112.3	114.9			118.0	116.0	114.0	112.0	110.0
24	113.3	113.8	116.4	119.1 120.7	122.4 124.0	120.6 122.3	118.6 120.3	116.6 118.3	114.6 116.3	112.6 114.3
25	113.9	114.6	117.0	121.2	1247					
26	113.1	114.2		121.3	124.7	123.2	121.2	119.2	117.2	115.2
27	110.0		116.6	120.9	124.2	122.9	120.9	118.9	116.9	114.9
28	105.2	111.8	114.3	118.5	121.8	120.6	118.8	116.8	114.8	112.8
29	98.6	107.3 100.5	110.0 103.4	114.1 107.2	117.2 110.2	116.1 109.4	114.4 108.0	112.4 106.0	110.4 104.0	108.4 102.0
30	90.1	91.9	94.4	97.9	100.6	100.0	00.0	07.2		
31	79.9	81.9	84.3	87.4	89.8	100.0 89.3	98.8 88.4	97.3 86.9	95.8 85.4	94.3
32	69.1	71.2	73.5	76.2	78.3	77.8	77.1		85.4 74.4	83.9
33	58.8	60.9	63.4	65.7	67.6	67.1		75.9 65.6	74.4 64.6	72.9
34	48.9	51.0	53.4	55.4	56.9	56.4	66.6 55.9	65.6 55.2	64.6 54.2	63.6 53.2
35	39.8	41.8	43.8	45.4	46.7	46.2	45.7	45.2		
36	31.4	33.2	35.1	36.4	37.4	37.1	37.0	36.5	44.3 36.0	43.3 35.5
37	23.5	25.3	26.9	27.9	28.7	28.7	28.7	28.4	27.9	27.4
						20.1	40.7	20.7	41.7	41.4
38	17.4	18.5	20.1	20.8	21.4	21.4	21.4	21.4	20.9	20.4

Table 4.—Central Birth Rates by Age, Calendar Year, and Alternative —Continued [Per thousand women]

	Calendar year									
Alternative and age	1986	1987	1988	1989	1990	1995	2000	2005	2010	2015
Alternative II : (Cont.)		•								
40	8.6	9.1	9.8	10.2	10.4	10.4	10.4	10.4	10.4	10.4
41	5.8	6.2	6.4	6.6	6.8	6.8	6.8	6.8	6.8	6.8
42	3.5	3.8	4.1	4.3	4.4	4.4	4.4	4.4	4.4	4.4
43	1.9	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3
44	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
45	.7	.8	.6	.6	.6	.6	.6	.6	.6	.6
46	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Alternative III :										
14	6.5	6.8	7.2	7.5	7.7	7.2	6.7	6.2	5.7	5.6
15	16.7	17.4	18.4	19.1	19.6	18.6	17.6	16.6	15.6	14.9
16	31.3	32.0	33.6	34.8	35.8	33.9	32.4	30.5	28.9	27.7
17	50.8	50.7	52.7	54.6	56.2	53.3	50.8	48.2	45.6	43.4
18	71.6	71.3	73.4	76.1	78.2	74.2	70.5	66.8	63.0	59.8
19	88.5	88.2	90.3	93.6	96.2	91.6	87.1	82.6	78.1	73.9
20	100.0	100.3	102.5	106.3	109.2	103.7	98.7	93.7	88.7	83.8
21	105.4	106.2	108.9	112.9	116.0	110.5	105.0	99.5	94.0	88.7
22	109.0	110.1	112.4	116.6	119.8	114.2	108.7	103.2	97.7	92.2
	111.6	112.3	114.9	119.1	122.4	116.8	111.0	105.5	100.0	94.5
23		112.3	116.4	120.7	124.0	118.5	112.6	107.1	101.6	96.1
24	113.3	113.8	110.4	120.7	124.0					
25	113.9	114.6	117.0	121.3	124.7	119.4	113.4	107.9	102.4 102.2	96.9 96.7
26	113.1	114.2	116.6	120.9	124.2	119.0	113.2	107.7		95.0
27	110.0	111.8	114.3	118.5	121.8	117.0	111.5	106.0	100.5	
28	105.2	107.3	110.0	114.1	117.2	112.6	107.4	102.1	97.1	92.1
29	98.6	100.5	103.4	107.2	110.2	106.1	101.4	96.4	91.4	86.4
30	90.1	91.9	94.4	97.9	100.6	97.0	92.8	88.3	83.8	79.3
31	79.9	81.9	84.3	87.4	89.8	86.6	83.0	79.0	75.0	71.0
32	69.1	71.2	73.5	76.2	78.3	75.3	72.3	68.8	65 .3	61.8
33	58.8	60.9	63.4	65.7	67.6	65.1	62.6	59.7	56.7	53.7
34	48.9	51.0	53.4	55.4	56.9	54.7	52.7	50.3	47.8	45.3
35	39.8	41.8	43.8	45.4	46.7	44.8	43.3	41.4	39.4	37.4
36	31.4	33.2	35.1	36.4	37.4	35.8	34.3	32.8	31.3	29.8
37	23.5	25.3	26.9	27.9	28.7	27.4	26.4	25.4	24.4	23.4
38	17.4	18.5	20.1	20.8	21.4	20.4	19.6	18.9	17.9	16.9
39	12.6	13.2	14.3	14.8	15.2	14.4	13.9	13.4	12.9	12.4
40	8.6	9.1	9.8	10.2	10.4	9.8	9.3	8.8	8.3	7.8
41	5.8	6.2	6.4	6.6	6.8	6.3	6.0	6.0	5.7	5.2
42	3.5	3.8	4.1	4.3	4.4	4.0	4.0	4.0	4.0	4.0
43	1.9	2.2	2.2	2.3	2.3	2.2	2.2	2.2	2.2	2.2
44	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
45	.7	.8	.6	.6	.6	.6	.6	.6	.6	.6
46	.1	.ĭ	.ĩ	.1	.1	.1	.1	.1	.1	.1
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.ŏ	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.ŏ	.ŏ	.0	.0	.0	.0	.0	.0	.0

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 1987. 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]

1900	Colondor	[Fer numbed mousand]
1901	Calendar year	Male Female
1902		
1903		
1904	1903	
1905		
1907		
1908	1906	
1909	1907	
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 2,099.8 1,824.1 1915 2,097.4 1,847.4 1915 2,097.4 1,847.4 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 1991 1,946.8 1,784.1 1920 1,997.0 1,866.0 1922 1,997.0 1,866.0 1922 1,998.1 1,740.8 1922 1,998.1 1,740.8 1923 1,990.4 1,811.6 1922 1,998.1 1,740.8 1923 1,990.4 1,811.6 1925 1,941.9 1,726.2 1925 1,941.9 1,726.2 1,917.7 1,703.8 1925 1,941.9 1,726.2 1,927 1,882.7 1,644.6 1928 2,006.0 1,751.6 1928 2,006.0 1,751.6 1929 1,977.8 1,712.7 1,930 1,866.1 1,592.7 1,931 1,825.1 1,541.9 1,932 1,807.4 1,546.7 1,933 1,781.2 1,495.9 1,934 1,829.0 1,514.3 1,935 1,800.8 1,482.9 1,934 1,829.0 1,514.3 1,935 1,800.8 1,482.9 1,934 1,829.0 1,514.3 1,935 1,800.8 1,482.9 1,934 1,228.8 1,378.4 1,494 1,728.8 1,378.4 1,494 1,728.8 1,378.4 1,494 1,728.8 1,378.4 1,494 1,728.8 1,378.4 1,494 1,681.0 1,302.8 1,494 1,681.0 1,302.8 1,494 1,504.1 1,108.5 1,944 1,681.0 1,302.8 1,447.2 1,032.9 1,447.2 1,032.9 1,447.2 1,032.9 1,447.3 1,010.3 1,455.4 1,046.7 1,495.9 1		
1911	1910	
1913	1911	
1914 2,090.8 1,824.1 1915 2,097.4 1,847.4 1916 2,174.3 1,901.3 1917 2,195.8 1,901.4 1918 2,507.8 2,175.3 1919 1,946.8 1,784.1 1920 1,997.0 1,866.0 1921 1,817.2 1,681.6 1922 1,990.4 1,811.6 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 1,374.6 942.2 1951 1,447.2 1,032.9 1952 1,424.3 1,010.3 1953 1,394.8 1,394.9 4,46.9 1,070.8 1959 1,374.6 942.2 1958 1,393.4 943.4 1959 1,374.6 942.2 1959 1,374.6 942.2 1950 1,385.5 825.2 1951 1,447.2 1,032.9 1964 1,365.0 896.2 1965 1,394.8 879.3 1966 1,408.9 877.9 1967 1,385.5 825.2 1979 1,394.5 879.3 1968 1,421.3 395.4 1969 1,385.5 825.2 1971 1,395.5 803.6 1971 1,395.5 803.6 1971 1,395.5 803.6 1971 1,395.5 803.6 1971 1,395.5 803.6 1971 1,395.5 803.6 1971 1,397.5 709.1	1912	
1915	1913	
1916		
1917	1916	
1918	1917	
1920	1918	
1921		
1922		
1923		
1924		
1925	1924	
1927		
1928		
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 1,800.8 1,482.9 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 1,511.8 1,236.7 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 <td< td=""><td></td><td></td></td<>		
1930		
1931	1930	
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 1,3	1931	
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 1955 1,378		
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 1955 1,378.6 942.2 1957 1,405.2		
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 1955 1,371.1 947.8 1955 1,378.6 942.2 1957 1,405.2 </td <td></td> <td></td>		
1937 1,832.8 1,482.7 1938 1,709.0 1,398.3 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 1,394.4 194.8 1959 1,374.6 920.5 1960 1,395.5 921.6 1961 1,365.0 896.2	1936	
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1973	1972	
1974	1973	
1975 1.237.5 709.1	1974	1,279.7 743.2
1,223.3 702.0	1975	
	19/0	1,223.3 702.0

Table 5.—Age-Adjusted Central Death Rates by Sex, Calendar Year, and Alternative —Continued

[Per hundred thousand]

	[Per hundred thousand]								
Calendar year			Male	Female					
1977			1,194.8	679.9					
1978			1,185.8						
1979			1,151.1	653.4					
1980			1,165.1	668.1					
1981			1,132.0						
1982			1,096.4	632.3					
1983			1,105.0	640.1					
1984			1,093.4	637.0					
1985			1.096.4	638.0					
1986			1.084.1	633.8					
1987			1.069.3	629.2					
1988			1,084.2	634.6					
1989			1,022.3	620.9					
	Altern	ative I	<u> </u>	ative II	Alterna	tive III			
	Male	Female	Male	Female	Male	Female			
1990	1,013.7	618.4	1,014.8	614.0	1.008.9	608.7			
1991	1.008.0	616.5	1.007.7	607.4	995.8	597.2			
1992	1.001.5	614.5	1.000.9	601.2	984.7	586.5			
1993	996.4	612.8	994.1	595.2	975.2	576.6			
1994	992.2	611.4	987.3	589.5	967.2	567.5			
1995	988.5	610.1	980.3	584.0	960.3	559.1			
1996	985.3	609.0	973.1	578.8	954.3	551.3			
1997	982.3	608.0	965.6	573.8	948.6	544.1			
1998	979.6	607.1	957.8	568.9	942.7	537.3			
1999	977.1	606.3	951.3	564.5	946.0	532.2			
2000	974.7	605.5	943.6	560.1	946.2	527.2			
2005	962.5	600.2	898.9	540.6	881.1	495.9			
2010	949.6	592.6	867.9	524.9	795.9	464.5			
2015	937.4	584.7	844.7	510.8	746.2	439.7			
2020	925.6	577.1	823.4	497.3	712.8	418.3			
2025	914.1	569.7	803.1	484.5	684.4	398.5			
2030	903.0	562.6	783.6	472.1	657.8	379.8			
2035	892.2	555.7	764.9	460.3	632.0	362.1			
2040	881.7	549.0	747.0	448.9	607.1	345.3			
2045	871.5	542.5	729.8	438.0	583.1	329.4			
2050	861.6	536.2	713.3	427.6	560.1	314.4			
2055	852.0	530.1	697.4	417.5	538.1	300.2			
2060	842.7	524.1	682.2	407.9	517.1	286.8			
2065	833.6	518.4	667.5	398.6	497.2	274.1			
2070	824.7	512.8	653.4	389.6	478.2	262.1			
2075	816.1	507.3	639.9	381.1	460.2	250.7			
2080	807.8	502.0	626.8	372.8	443.1	240.0			

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 reveal 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, 1936-1954, 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 1987, mortality rates have decreased an average of 0.5 percent for males and have roughly stabilized for females. Provisional statistics for 1988 indicate a continuation of the stable trend; whereas, the provisional statistics for 1989 indicate a substantial reduction in mortality from the 1988 rates.

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 1903	2,090.0 2,154.0
1904	2,265.0
1905	2,190.4
1906	2,172.2
1907 1908	2,249.5 2,072.0
1909	2,072.0
1910	2,101.2
1911	2,030.6
1912 1913	1,994.5 1,994.9
1914	1,945.4
1915	1,960.6
1916	2,026.1
1917 1918	2,035.5 2,328.9
1919	1,856.7
1920	1,923.8
1921	1,742.6
1922 1923	1,816.5 1,893.1
1924	1,799.7
1925	1,822.6
1926	1,888.3
1927 1928	1,750.0 1,864.9
1929	1,830.5
1930	1,713.7
1931	1,666.3
1932 1933	1,661.3 1,621.0
1934	1,653.0
1935	1,622.9
1936 1937	1,707.0
1938	1,637.2 1,535.5
1939	1,531.0
1940	1,532.8
1941 1942	1,467.1 1,417.2
1943	1,469.3
1944	1,403.5
1945	1,366.4
1946 1947	1,318.5 1,310.2
1948	1,282.2
1949	1,244.7
1950	1,225.3
1951 1952	1,214.9 1,193.2
1953	1,183.1
1954	1,122.6
1955 1956	1,134.2 1,133.8
1957	1,153.1
1958	1,140.3
1959	1,119.2
1960 1961	1,128.6 1,0 9 9.9
1962	1,118.5
1963	1,135.9
1964 1965	1,102.7 1,103.6
1966	1,103.6
1967	1,079.0
1968	1,097.7
1969 1970	1,065.7 1,041.8
	*,0 ****

Table 6. Age-Sex-Adjusted Central Death Rates by Calendar Year, and Alternative —Continued [Per hundred thousand]

A an ear adjusted death rate

827.8

835.0

828.2

830.0

Calandar

1982.....

1983.....

1984.....

1985.....

1986..... 1987..... 1988.....

Calcillai yeai	Age-sex-adjusted death rate	
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	878.0	
1981	853.4	

1989		790.1	
	Alternative I	Alternative II	Alternative III
1990	784.5	791.7	800.4
1991	780.3	783.7	789.9
1992	775.5	775.4	780.0
1993	771.6	767.9	771.8
1994	768.3	760.9	764.8
1995	765.3	754.2	758.6
1996	762.6	747.6	752.9
1997	760.1	741.1	747.2
1998	757.8	734.6	741.3
1999	755.6	729.0	741.3
2000	753.6	722.8	738.8
2005	743.3	690.7	683.7
2010	732.9	667.8	623.0
2015	723.1	649.8	586.5
2020	713.7	633.2	560.2
2025	704.6	617.2	537.1
2030	695.8	601.9	515.4
2035	687.2	587.3	494.6
2040	678.9	573.2	474.7
2045	670.8	559.8	455.6
2050	663.0	546.8	437.4
2055	655.4	534.4	420.1
2060	648.0	522.5	403.6
2065	640.8	511.0	388.0
2070	633.8	500.0	373.2
2075	627.0	489.3	359.2
2080	620.4	479.1	345.9

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 1987 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 and Diseases of Early Infancy (740-
- VII. Diseases of the Digestive System (520-570, 572-579)
- VIII. Diabetes Mellitus (250)
- IX. Cirrhosis of the Liver (571)

X. All Other Causes excluding the three categories (042-044) of HTLV-III/LAV infection (AIDS)

For the years 1968-1987, death rates for ages under 65 by age group, sex, and cause of death were calculated using the numbers of deaths as tabulated in Vital Statistics of the United States and using the latest census estimates of the resident population as published in the P-25 Series of Current Population Reports. For the years 1968 through 1978, an adjustment was made to the distribution of the numbers of deaths among the ten causes. This adjustment was needed in order to reflect the revision in the cause of death coding that occurred in 1979, thereby making the data for the years 1968 through 1978 more comparable with the coding used for the years 1979 and later. The adjustments were based on comparability ratios published by the National Center for Health Statistics in Monthly Vital Statistics Report, Volume 28, Number 11. For the ages 65 and over, records of the Medicare program were used to determine rates by age and sex. The numbers of deaths by cause in Vital Statistics of the United States were used to distribute the age-sex specific death rates for ages over 65 into age-sex-cause specific death rates. A detailed analysis of Medicare mortality statistics and a comparison to the statistics provided by the National Center for Health Statistics is contained in 'Recent Trends in the Mortality of the Aged' by John C. Wilkin in the Transactions of the Society of Actuaries, Volume XXXIII.

Average annual reductions in mortality were determined for the period 1968-1987 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 category of Congenital Malformations and Diseases of Early Infancy and in the category of Vascular Disease. averaging about 4.6 percent per year. Averaging 2 to 2.5 percent average reduction per year were Heart Diseases, Cirrhosis of the Liver, Diabetes Mellitus and Violence. Digestive Diseases averaged about 1.4 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 0.1 to 1.0 percent per year.

Table 7.—Average Annual Percentage Reductions in Central Death Rates During 1968-87 by Age Group, Sex, and Cause of Death

						Cause of de	ath				
C		Heart	_	Vascular		Respiratory	- 4	Digestive		Cirrhosis	
Sex and age group	Total*	disease	Cancer	disease	Violence	disease	Infancy	disease	mellitus	(liver)	Other**
Male:											
0	4.44	-3.75	2.78	1.36	5.39	11.35	5.17	6.77	7.70	4.33	-2.66
1-4	2.99	-1.96	3.80	6.32	2.50	8.37	2.06	1.29	6.35	6.03	2.61
5-9	3.53	48	3.75	6.95	3.34	6.74	4.09	4.09	6.07	7.65	3.18
10-14	2.59	.43	2.84	8.17	2.31	4.56	3.01	5.34	4.93	2.29	2.51
15-19	1.88	.25	2.88	7.29	1.52	5.69	2.72	5.74	5.37	7.10	3.39
20-24	1.72	.61	2.80	6.86	1.39	5.84	2.57	6.30	4.39	4.84	3.30
25-29	1.06	1.12	2.11	5.91	.95	4.38	3.68	5.77	3.91	3.14	
30-34	1.00	2.29	1.58	5.77	1.05	3.20	2.73	4.28	2.95	2.31	1.18
35-39	1.88	3.38	1.68	5.55	1.66	4.11	2.73	3.77	2.24	3.10	.38
40-44	2.45	3.44	1.22	5.39	2.13	4.42	2.78				1.20
45-49	2.58	3.50	.72		2.13		3.40	3.83	1.83	3.65	1.65
50.54				5.03		4.33		3.75	1.55	3.60	1.62
50-54	2.25	3.11	.07	4.87	2.54	3.52	3.65	2.98	1.84	3.04	1.20
55-59	2.19	3.10	12	5.12	2.89	2.88	2.88	3.07	1.78	2.76	1.04
60-64	2.05	2.92	23	5.07	3.11	2.14	1.73	2.84	1.98	2.55	.65
65-69	1.59	2.41	67	4.86	2.75	1.00	.70	2.40	1.99	1.51	09
70-74	1.31	2.09	92	4.62	2.13	.06	01	1.83	1.99	.29	-1.03
75-79	1.09	1.83	-1.10	4.40	1.65	82	28	1.25	1.85	16	-1.93
80-84	1.05	1.70	-1.23	4.39	1.81	-1.54	-2.14	.68	1.78	28	-2.43
85-89	1.06	1.62	-1.40	4.46	1.95	-2.07	01	12	1.76	.13	-2.64
90-94	1.06	1.50	-1.69	4.47	2.34	-1.90	-2.47	99	.47	.58	-2.73
Total	1.56	2.18	61	4.63	1.90	.21	4.83	1.78	1.87	2.26	77
Female:											
0	4.21	-3.20	3.19	1.85	5.15	11.64	4,74	6.74	8.69	5.00	-2.33
1-4	3.22	-2.38	3.85	6.25	2.75	8.13	2.81	.33	4.13	8.51	2.98
5-9	3.51	11	3.88	6.34	3.09	6.61	4.88	3.07	6.21	9.78	2.99
10-14	2.65	.26	2.93	5.95	1.86	5.46	2.71	6.78	6.32	8.28	2.79
15-19	1.71	1.06	2.46	7.50	.68	5.18	3.46	6.05	5.46	10.24	3.20
20-24	1.92	.93	2.29	7.07	.76	5.45	2.91	7.20	5.11	6.31	3.16
25-29	2.08	1.46	1.90	6.67	.95	5.17	3.36	6.25	3.92	3.87	2.85
30-34	2.65	3.10	1.75	7.36	1.66	4.87	3.42	5.83	3.79	4.00	2.75
35-39	3.21	3.10	1.73	7.03	2.48	5.15	2.51	5.32	2.88	5.70	3.38
40-44	3.06	3.45	1.56	6.05	2.46	4.76	3.06	4.66	2.83	5.83	3.20
45-49	2.57	2.86	1.20	5.47	2.85	3.32	3.88	4.08	2.83	5.34	2.41
50-54	1.84	2.45	.38	4.88	2.83	1.59	2.77	3.02	2.31	4.02	1.65
55-59	1.54	2.43	09	4.90	2.98	.15	2.77	2.66	2.77	3.06	.99
60-64	1.11	2.33	87	4.72	2.92	-1.44	2.07	1.82	2.51	1.52	.02
65-69	.86	2.09	-1.41	4.58	2.44	-2.84	1.15	1.03	2.74	34	-1.11
70-74	1.26	2.33	-1.22	4.73	2.47	-2.92	79	.88	3.12	-1.24	-1.66
75-79	1.67	2.40	67	4.85	3.03	-2.13	-1.60	.57	3.24	-1.58	-2.45
80-84	1.84	2.27	40	4.73	3.70	-1.19	-1.46	.06	2.79	-1.41	-3.04
85-89	1.69	1.92	33	4.38	4.34	95	-2.12	72	1.76	43	-3.47
90-94	1.33	1.37	80	3.97	4.80	66	-3.10	-1.71	.14	33	-3.64
Total	1.66	2.13	42	4.63	2.44	45	4.46	1.01	2.69	2.40	-1.00

*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 enviornmental 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 2015. The age groups for which specific rates of reduction have been selected are: (1) under age 15, (2) 15-64, and (3) 65-84, and (4) 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

			<u>-i-</u>	C	ause	of de	-			
Alternative, sex, and age group	I	II	III	IV	v	VI	VII	VIII	IX	x
Alternative I: Male:										
< 15	0.2	0.2	0.7	0.3	0.3	2.0	0.6	0.5	0.3	0.0
15-64	0.6	0.1	0.9	0.2	0.2	1.8	0.4	0.4	0.2	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	0.2	0.2	0.7	0.3	0.3	2.0	0.6	0.5	0.3	0.0
15-64	0.6	0.1	0.9	0.2	0.2	1.8	0.4	0.4	0.2	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	0.4	0.5	1.2	0.6	0.5	1.5	0.8	0.8	0.5	0.2
15-64	1.2	0.3	1.4	0.3	0.3	1.3	0.6	0.7	0.3	0.2
65-84	1.1	0.2	1.3	0.4	0.2	1.1	0.4	0.6	0.2	0.2
85+	0.9	0.2	1.3	0.4	0.2	1.1	0.4	0.6	0.2	0.2
Female:										
< 15	0.4	0.5	1.2	0.6	0.5	1.5	0.8	0.8	0.5	0.2
15-64	1.2	0.3	1.4	0.4	0.3	1.3	0.6	0.8	0.4	0.2
65-84	1.1	0.2	1.3	0.5	0.2	1.1	0.4	0.6	0.2	0.2
85+	0.9	0.2	1.3	0.5	0.2	1.1	0.4	0.6	0.2	0.2
Alternative III:										
Male:										
< 15	0.9	1.3	1.4	0.9	0.6	0.8	1.0	1.0	0.8	0.4
15-64	1.5	1.2	1.8	0.6	0.5	0.6	0.9	0.9	0.6	0.4
65-84	1.3	1.1	1.7	0.8	0.4	0.4	0.8	0.9	0.6	0.4
85+	1.1	1.1	1.7	0.8	0.4	0.4	0.8	0.9	0.6	0.4
Female:										
< 15	0.9	1.3	1.4	0.9	0.6	0.8	1.0	1.0	0.8	0.4
15-64	1.5	1.3	1.8	0.8	0.5	0.6	0.9	1.0	0.7	0.4
65-84	1.4	1.2	1.7	0.9	0.4	0.4	0.8	0.9	0.6	0.4
85+	1.2	1.2	1.7	0.9	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 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 1992, central death rates due to AIDS were projected based on numbers of deaths due to AIDS as estimated by the Centers 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 enviornmental 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 1990-2066. This is about half the average annual reduction observed during 1900-1990. During the period 1990-2066, alternative I mortality is projected to decrease at a rate about one-fourth the average rate observed during 1900-1990, while for alternative III mortality, the projected rate of reduction is about the same as for 1900-1990.

Death rates for ages under 65 in 1988 and for all ages in 1989 were estimated from provisional data published in *Monthly Vital Statistics Reports*, Volumes 37 and 38. Medicare provisional data was used to estimate death rates for those 65 and over in 1988. For years after 1989, death rates were projected by age group, sex, and cause of death by applying annual percentage reductions (except, as previously explained, 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 1990 levels were 50 percent, 100 percent, and 150 percent of the average annual reduc-

tions during 1968-1987¹ period. for alternatives I, II, and III, respectively. The annual reductions that were assumed to apply to obtain rates for 1991-2015 were calculated by a logarithmic formula designed to gradually transform the reductions applied to obtain the 1990 levels into the postulated ultimate annual reductions. The ultimate reductions were assumed to apply during 2015-2080. Table 8 gives the resulting death rates by age group, sex, and alternative for selected years.

Tables 9 and 10 give the resulting life expectancies

for males and f emales at birth and at age 65, respectively, for historical years and by alternative for selected future years. Life expectancy for any year is the number of years of life remaining for a person who is assumed to experience the death rates by age observed in or assumed for the selected year. Thus, the life expectancies at birth shown in Table 9 are summary statistics of the overall mortality for the applicable calendar year. Similarly, the life expectancies at age 65 in Table 10 summarize the mortality at ages 65 and older for the applicable calendar year.

for this category.

¹The average annual reductions for the "All Other" category for age 0 were calculated using the period 1974-1987, rather than 1968-1987. This was done because a distinct shift occurred in 1974, making the earlier data inappropriate

Table 8.—Central Death Rates by Age Group, Sex, Calendar Year, and Alternative

[Per hundred thousand]

				er hundred		lendar yea	ır				
Alternative, sex, and age group	1985	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080
Alternative I :						2030	2010	2030	2000	2070	2000
Male:											
0	1,201.3	1,055.5	880.5	763.6	684.0	619.2	565.9	521.9	485.6	455.6	420.7
1-4	58.1	45.6	39.9			33.9		31.6	30.5	29.6	430.7
5-9	28.2	28.8	24.2		21.4	20.7		19.6	19.0	18.5	28.7 18.1
10-14	34.9	35.0	30.9		27.8	27.0			24.8	24.1	23.5
15-19	114.7	121.9	111.3		103.0	100.8		96.7	94.8	92.9	91.0
20-24	164.9	176.8	159.2		147.8	144.8		139.1	136.4	133.7	131.1
25-29	167.3	173.2	149.5	143.4	140.4	137.7		132.6	130.1	127.7	125.4
30-34	189.7	209.8	172.2	164.6	161.2	158.2		152.4	149.6	146.9	144.4
35-39	235.3	257.0	205.7	193.6	189.0	185.0		177.3	173.7	170.3	167.0
40-44	333.0	317.7	261.3	243.5	236.8	230.7	224.9	219.4	214.1	209.1	204.3
45-49	514.2	480.1	409.6	381.4	370.0	359.6	349.8	340.4	331.5	323.0	314.9
50-54	835.9	774.0	690.8	650.1	630.2	611.7	594.2	577.5	561.7	546.6	532.3
55-59	1,342.5	1,231.9	1,120.4	1,061.2	1,029.1	999.2	970.7	943.7	918.0	893.6	870.3
60-64	2,062.0	1,878.7	1,731.2	1,646.5	1,595.8	1,548.4	1,503.4	1,460.7	1,420.2	1,381.6	1,345.0
65-69	3,199.2	2,771.6	2,643.7	2,565.6	2,510.5	2,458.5	2,409.3	2,362.7	2,318.4	2,276.5	2,236.6
70-74	4,872.9	4,245.4	4,145.6	4,063.1	3,974.6	3,890.8	3,811.4	3,736.1	3,664.9	3,597.3	3,533.3
75-79	7,349.1	6,554.1	6,559.9	6,496.4	6,353.5	6,216.5	6,086.9	5,964.2	5,848.0	5,738.0	5,633.8
80-84	10,974.6	10,514.2	10,691.5	10,639.4	10,395.6	10,161.7	9,940.7	9,731.6	9,533.8	9,346.7	9,169.5
85-89	16,164.3	15,038.7	15,459.1	15,430.3	15,063.7	14,711.5		14,063.8	13,766.1	13,484.4	13,217.8
90-94 Female:	23,364.7	22,591.4	23,289.9	23,250.0	22,666.5	22,106.7	21,577.6	21,077.2	20,604.1	20,156.5	19,733.0
0	936.3	972.2	730.0	(20.2	560.2	502.5	45.5				
1-4	930.3 44.5	873.3 39.9	729.8	630.2	560.3	503.5	456.7	418.2	386.4	360.1	338.4
5-9	21.2	20.4	34.5 17.2	31.9	30.5	29.2	28.2	27.2	26.3	25.5	24.8
10-14	20.5	20.4	17.2	15.8 16.6	15.3	14.9	14.5	14.1	13.7	13.4	13.1
15-19	46.5	49.9	46.6	44.6	16.1 43.6	15.6 42.7	15.2	14.8	14.4	14.0	13.7
20-24	52.8	56.6	51.8	49.4	48.3	47.3	41.8 46.3	41.0	40.2	39.4	38.6
25-29	60.0	64.2	56.5	53.5	52.4	51.3	50.3	45.4 49.3	44.5 48.3	43.6 47.4	42.8
30-34	78.5	82.4	69.6	65.2	63.8	62.6	61.4	60.2	59.2	58.1	46.6 57.1
35-39	110.2	115.1	97.5	90.5	88.5	86.7	85.0	83.3	81.8	80.3	78.9
40-44	173.7	166.9	144.0	133.7	130.5	127.6	124.9	122.3	119.8	117.5	115.2
45-49	286.2	255.9	227.6	212.8	207.5	202.7	198.1	193.7	189.6	185.6	181.9
50-54	463.7	427.1	394.5	374.9	365.3	356.6	348.3	340.3	332.8	325.6	318.7
55-59	721.2	691.6	652.6	628.9	613.0	597.9	583.6	569.9	556.9	544.5	532.7
60-64	1,120.1	1,072.4	1,065.7	1,051.2	1,024.2	998.3	973.6	950.0	927.6	906.2	885.8
65-69	1,699.1	1,594.6	1,651.7	1,663.9	1,635.8	1,608.3	1,582.2	1,557.5	1,534.1	1,512.0	1,491.0
70-74	2,608.7	2,495.6	2,544.9	2,543.6	2,494.1	2,446.2	2,400.9	2,358.0	2,317.5	2,279.1	2,242.7
75-79	4,108.0	3,986.4	3,947.8	3,890.4	3,800.4	3,714.5	3,633.3	3,556.6	3,484.0	3,415.3	3,350.3
80-84	6,716.7	6,704.2	6,551.2	6,398.1	6,226.4	6,064.0	5,910.6	5,765.6	5,628.6	5,499.1	5,376.6
85-89	11,264.3	10,738.5	10,603.2	10,367.3	10,065.1	9,779.6	9,510.0	9,255.3	9,014.8	8,787.5	8,572.7
90-94	18,115.7	17,825.6	17,939.2	17,649.9	17,102.8	16,584.0	16,094.2	15,631.5	15,194.4	14,781.4	14,391.0
Alternative II: Male:											
0	1,201.3	1,036.8	743.4	630.9	578.3	533.1	493.3	458.3	427.4	400.0	375.8
1-4	58.1	45.8	37.9	32.4	30.5	28.8	27.3	25.8	24.5	23.3	22.2
5-9	28.2	28.5	21.5	18.3	17.3	16.4	15.6	14.8	14.1	13.4	12.8
10-14	34.9	34.6	27.6	24.2	22.8	21.6	20.4	19.4	18.4	17.4	16.5
15-19	114.7	121.2	103.2	93.7	90.5	87.6	84.8	82.2	79.6	77.2	74.8
20-24	164.9	179.4	163.7	143.6	139.0	134.8	131.0	127.2	123.5	120.1	116.7
25-29	167.3	187.5	208.1	167.9	162.8	158.9	155.2	151.6	148.2	144.9	141.8
30-34	189.7	236.6	288.5	220.6	213.5	209.4	204.9	200.9	197.0	193.3	189.7
35-39	235.3	286.8	339.0	256.5	246.6	240.9	235.5	230.3	225.6	221.1	216.8
40-44	333.0	338.9	355.5	279.1	266.0	256.9	249.1	241.5	234.5	228.0	222.0
45-49	514.2	495.0	466.2	382.8	363.3	347.6	333.3	320.4	308.3	297.2	286.8
50-54	835.9	778.8	690.9	605.1	571.3	542.6	515.9	491.7	469.3	448.6	429.6
55-59	1,342.5	1,227.9	1,061.0	. 954.2	900.0	852.6	808.8	768.5	731.6	697.4	665.9
60-64	2,062.0	1,866.6	1,610.8	1,464.8	1,380.4	1,304.8	1,235.4	1,171.7	1,113.2	1,059.3	1,009.5
65-69	3,199.2	2,752.0	2,460.1	2,292.8	2,177.7	2,072.7	1,976.6	1,888.0	1,806.3	1,730.9	1,661.0
70-74	4,872.9	4,215.9	3,868.8	3,650.5	3,465.0	3,294.8	3,138.6	2,995.0	2,862.6	2,740.6	2,627.7
75-79 80-84	7,349.1	6,507.1	6,107.7	5,812.6	5,511.2	5,233.9	4,979.9	4,746.6	4,532.1	4,334.4	4,151.8
85-89	10,974.6	10,432.3	9,899.8	9,453.1	8,946.4	8,481.0	8,055.1	7,664.7	7,306.5	6,976.8	6,673.0
90-94	16,164.3 23,364.7	14,914.3 22,402.5	14,250.3 21,451.2	13,688.0	13,011.6	12,382.3	11,799.7	11,259.6	10,758.2	10,292.1	9,858.2
/ / / / / / / / / / / / / / / / / / / /	23,304.7	44,TU4.J	21,431.2	20,592.9	19,535.3	18,553.1	17,645.2	16,804.9	16,026.2	15,303.4	14,631.8

Table 8.—Central Death Rates by Age Group, Sex, Calendar Year, and Alternative —Continued [Per hundred thousand]

					thousand J Cal	endar year	•				
Alternative, sex, and age group	1985	1990	2000	2010	2020	2030	2040	2050	2060	2070	2080
Alternative II: (Cont.)						***					
Female:	006.0	050.0	(20.0	# 20 #							
0	936.3	859.2	620.9	520.7	474.6	435.1	400.5	370.2	343.4	319.9	299.1
1-4	44.5	40.1	32.8	27.8	26.3	24.9	23.6	22.4	21.3	20.3	19.3
5-9 10-14	21.2 20.5	20.2 19.9	15.6 15.9	13.3 14.1	12.5 13.4	11.9	11.4	10.8	10.3	9.8	9.4
15-19	46.5	49.7	44.1	40.8	39.0	12.7 37.4	12.0 35.9	11.4 34.5	10.9	10.3	9.8
20-24	52.8	56.4	49.4	44.9	43.0	41.2	39.6	38.0	33.1 36.5	31.8 35.1	30.6 33.8
25-29	60.0	66.6	65.3	54.6	52.5	50.7	48.9	47.3	45.8	44.3	42.9
30-34	78.5	86.5	86.9	69.7	67.0	65.1	63.1	61.3	59.6	57.9	56.4
35-39	110.2	116.3	99.3	83.5	79.9	77.0	74.3	71.7	69.3	67.0	64.9
40-44	173.7	166.4	133.8	115.7	110.3	105.6	101.3	97.2	93.4	89.9	86.5
45-49	286.2	253.7	206.5	182.9	173.8	165.8	158.4	151.5	145.1	139.1	133.5
50-54	463.7	424.2	367.5	335.6	318.8	303.7	289.7	276.7	264.6	253.3	242.8
55-59	721.2	687.6	616.0	575.6	547.2	520.9	496.6	474.0	453.1	433.5	415.3
60-64 65-69	1,120.1 1,699.1	1,065.8 1,582.9	1,001.0 1,534.6	954.1	906.1	861.4	820.0	781.8	746.3	713.3	682.6
70-74	2,608.7	2,473.8	2,337.0	1,488.1 2,244.6	1,422.7 2,137.9	1,361.6 2,039.1	1,305.2	1,252.9	1,204.4	1,159.2	1,117.2
75-79	4,108.0	3,948.4	3,601.5	3,404.2	3,224,7	3,060.0	1,948.1 2,909.1	1,864.2 2,770.6	1,786.7	1,714.9	1,648.3
80-84	6,716.7	6,637.2	5,946.2	5,557.6	5,232.7	4,936.6	4,666.7	4,420,4	2,643.4 4,195.1	2,526.3 3,988.7	2,418.2 3,799.4
85-89	11,264.3	10,635.0	9,643.4	9,047.3	8,540.2	8,073.9	7,644.7	7,249.0	6,883.9	6,546.4	6,234.2
90-94	18,115.7	17,675.1	16,487.6	15,559.4	14,635.1	13,786.4	13,006.8	12,289.8	11,629.6	11,020.9	10,459.2
Alternative III:	•	•	,	,	,	,	10,000.0	12,200.0	11,027.0	11,020.5	10,437.2
Male:											
0	1,201.3	1,016.9	692.3	551.4	521.5	495.2	468.5	442.6	418.1	395.0	373.6
1-4	58.1	45.4	37.3	27.3	25.4	23.9	22.3	20.8	19.5	18.2	17.1
5-9	28.2	28.1	20.9	15.9	14.1	13.3	12.4	11.7	10.9	10.1	9.5
10-14 15-19	34.9	34.3	25.4	21.5	19.0	17.6	16.3	15.0	13.9	12.8	11.9
20-24	114.7 164.9	120.2 179.1	96.4 172.7	82.4 127.3	76.9	72.4	68.1	64.2	60.4	56.8	53.5
25-29	167.3	190.8	284.4	158.5	119.7 148.3	114.7 148.9	109.4 146.2	103.9	98.5	93.6	88.8
30-34	189.7	243.3	451.6	230.4	205.1	214.6	214.9	142.2 211.9	137.5 207.7	132.9	128.5
35-39	235.3	294.1	550.5	298.3	245.7	258.9	262.1	259.2	254.7	202.7 249.4	198.0 244.1
40-44	333.0	342.2	529.2	340.7	265.0	269.7	270.4	264.7	257.5	250.3	243.2
45-49	514.2	495.6	597.2	423.8	343.2	332.6	321.8	308.5	293.9	280.2	267.7
50-54	835.9	774.1	747.1	606.4	511.0	472.1	438.2	406.6	376.6	349.3	325.0
55-59	1,342.5	1,217.5	1,042.9	889.8	769.8	695.8	632.4	574.5	522.8	476.2	434.8
60-64	2,062.0	1,850.6	1,537.7	1,320.8	1,165.3	1,045.7	942.0	849.0	766.8	693.5	628.4
65-69 70-74	3,199.2	2,730.5	2,318.6	2,057.2	1,848.4	1,671.0	1,515.3	1,375.4	1,249.5	1,136.9	1,035.7
75-79	4,872.9 7,349.1	4,185.3 6,459.1	3,634.2 5,708.9	3,274.8 5,187.8	2,962.9	2,686.0	2,439.7	2,219.2	2,021.2	1,843.9	1,684.5
80-84	10,974.6	10,350.1	9,191.6	8,394.7	4,711.0 7,637.4	4,282.9 6,958.5	3,900.1	3,557.7	3,250.5	2,974.6	2,726.8
85-89	16,164.3	14,789.7	13,168.3	12,125.8	11,122.9	10,215.2	6,350.6 9,394.6	5,806.1 8,652.3	5,317.8 7,980.1	4,879.0	4,484.4
90-94	23,364.7	22,213.6	19,801.3	18,256.1	16,766.2	15,417.2	14,197.6	13,093.6	12,093.1	7,370.5 11,185.2	6,817.2 10,360.0
Female:	_0,00	,	,	10,200.1	10,100.2	10,117.2	11,177.0	15,075.0	12,073.1	11,103.2	10,500.0
0	936.3	843.9	590.9	456.5	432.1	410.9	388.8	367.3	346.8	327.5	309.6
1-4	44.5	. 39.7	32.9	23.2	21.6	20.5	19.2	18.0	16.9	15.8	14.8
5-9	21.2	19.9	15.5	12.0	10.4	9.9	9.3	8.8	8.2	7.7	7.3
10-14	20.5	19.7	14.7	13.0	11.3	10.5	9.7	9.0	8.3	7.7	7.2
15-19	46.5	49.4	42.3	37.1	34.0	31.5	29.1	26.9	24.9	23.0	21.3
20-24	52.8	55.9	47.0	39.9	36.7	34.0	31.4	29.1	27.0	25.0	23.2
25-29 30-34	60.0	67.3	82.4	50.0	46.7	45.1	43.2	41.0	38.8	36.9	35.1
35-39	78.5 110.2	87.7 115.5	128.9 118.5	71.4 87.1	63.9	64.6	63.0	60.9	58.7	56.5	54.4
40-44	173.7	164.5	134.4	109.3	70.8 90.6	68.7 83.7	65.9 77.7	62.4 71.7	59.1 66.3	56.1 61.3	53.2 57.0
45-49	286.2	250.9	194.3	161.1	140.4	126.1	114.2	103.3	93.6	84.9	77.3
50-54	463.7	421.0	347.5	301.5	266.7	237.7	212.6	190.5	170.8	153.5	138.2
55-59	721.2	683.2	586.6	519.8	461.4	411.4	367.5	328.7	294.5	264.2	237.5
60-64	1,120.1	1,058.6	946.7	850.0	757.3	676.8	605.7	543.0	487.6	438.6	395.3
65-69	1,699.1	1,570.7	1,432.6	1,307.9	1,177.6	1,062.9	960.8	869.9	788.9	716.8	652.4
70-74	2,608.7	2,451.5	2,156.2	1,959.7	1,768.1	1,598.4	1,447.5	1,313.2	1,193.6	1,086.9	991.6
75-79	4,108.0	3,910.1	3,307.2	2,975.7	2,689.8	2,436.2	2,210.7	2,010.2	1,831.4	1,672.2	1,529.9
80-84	6,716.7	6,570.0	5,426.8	4,856.0	4,389.7	3,976.5	3,609.9	3,284.4	2,994.9	2,737.0	2,506.7
85-89 90-94	11,264.3 18,115.7	10,531.5	8,805.9	7,922.3	7,211.3	6,576.0	6,007.5	5,498.2	5,041.2	4,630.7	4,261.3
Note: The central death rate	is the ratio	17,524.7	15,196.5	13,758.8 leaths	12,510.7	11,396.8	10,401.1	9,509.9	8,711.2	7,994.2	7,349.6

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.—Life Expectancy at Birth by Sex, Calendar Year, and Alternative
[In years]

ĮIn į	yearsj		
Calendar year	Male F	emale	
1900	46.4	49.0	
1901	47.9	50.9	
1902	49.0	52.1	
1903	49.2	52.1	
1904	48.1	51.1	
1905	48.7	51.9	
1906	48.3	52.0	
1907	48.3	52.2	
1908	50.2	53.6	
1909	51.1	54.5	
1707	31.1	34.3	
1910	50.1	52 C	
	50.1	53.6	
1911	51.8	55.0	
1912	52.3	55.9	
1913	51.7	55.4	
1914	52.9	56.3	
1915	53.5	56.8	
1916	52.4	56.0	
1917	52.2	55.9	
1918	45.3	49.1	
1919	54.2	56.5	
***************************************	37.2	50.5	
1920	515	56.2	
	54.5	56.3	
1921	57.3	59.3	
1922	57.0	59.3	
1923	56.3	58.7	
1924	57.2	59.9	
1925	57.2	59.9	
1926	56.6	59.3	
1927	57.9	60.9	
1928	56.8	59.8	
1929	57.0	60.2	
=**********************************	37.0	00.2	
1930	58.0	61.3	
1931	58.6	62.0	
1932			
	59.4	62.6	
1933	59.6	63.0	
1934	58.8	62.7	
1935	59.4	63.3	
1936	58.7	62.9	
1937	59.4	63.6	
1938	60.8	64.7	
1939	61.4	65.4	
1940	61.4	65.7	
1941	61.9	66.5	
1942	62.6	67.4	
1943	62.2	67.1	
1944	62.7	67.8	
1945	62.9	68.4	
1946			
	64.3	69.2	
1947	64.6	69.7	
1948	64.8	70.2	
1949	65.3	70.7	
1950	65.6	71.1	
1951	65.7	71.4	
1952	65.8	71.6	
1953	66.0	72.0	
1954	66.7	72.7	
1955	66.7	72.8	
1956	66.7	72.9	
1957	66.5	72.7	
1958	66.6	72.7	
1959			
1707	66.8	73.2	
1960	66.7	72.3	
1061	66.7	73.2	
1961	67.1	73.6	

Table 9.—Life Expectancy at Birth by Sex, Calendar Year, and Alternative —Continued

[In years]

C-11		n years	37.1	F 1		
Calendar year				Female		
1962			66.9	73.5		
1963			66.6	73.4		
1964			66.8	73.7		
1965			66.8	73.8		
1966 1967			66.7 66.9	73.9 74.3		
1968			66.6	74.3		
1969			66.9	74.2		
1707			00.9	74.0		
1970			67.1	74,9		
1971			67.4	75.1		
1972			67.4	75.2		
1973			67.6	75.5		
1974			68.3	76.0		
1975			68.7	76.6		
1976			69.1	76.8		
1977			69.4	77.2		
1978			69.6	77.2		
1979			70.0	77.7		
1980			69.9	77.5		
1981			70.4	77.9		
1982			70.8	78.2		
1983			70.9	78.1		
1984			71.1	78.2		
1985			71.1	78.2		
1986			71.2	78.3		
1987			71.3	78.4		
1988			71.2	78.4		
1989			71.8	78.6		
	A Ite		A 14 -		A lta	rnative
	7 TILC	rnative		native		
		I		II		III
	Male	I				III
1990	Male 72.0	Female 78.7	Male 71.9	Female 78.8	Male 72.0	Female 78.9
1991	Male 72.0 72.2	Female 78.7 78.7	Male 71.9 72.0	Female 78.8 78.9	Male 72.0 72.1	Female 78.9 79.1
1991 1992	72.0 72.2 72.3	Female 78.7 78.7 78.8	Male 71.9 72.0 72.1	Female 78.8 78.9 79.0	72.0 72.1 72.2	Female 78.9 79.1 79.3
1991 1992 1993	72.0 72.2 72.3 72.5	78.7 78.7 78.8 78.8	71.9 72.0 72.1 72.1	Female 78.8 78.9 79.0 79.2	72.0 72.1 72.2 72.3	Female 78.9 79.1 79.3 79.5
1991 1992 1993 1994	72.0 72.2 72.3 72.5 72.6	78.7 78.7 78.8 78.8 78.9	71.9 72.0 72.1 72.1 72.2	78.8 78.9 79.0 79.2 79.3	72.0 72.1 72.2 72.3 72.3	78.9 79.1 79.3 79.5 79.7
1991	72.0 72.2 72.3 72.5 72.6 72.7	78.7 78.7 78.8 78.8 78.9 78.9	71.9 72.0 72.1 72.1 72.2 72.3	78.8 78.9 79.0 79.2 79.3 79.4	72.0 72.1 72.2 72.3 72.3 72.3	78.9 79.1 79.3 79.5 79.7 79.9
1991	72.0 72.2 72.3 72.5 72.6 72.7 72.7	78.7 78.7 78.8 78.8 78.9 78.9 79.0	71.9 72.0 72.1 72.1 72.2 72.3 72.4	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3	78.9 79.1 79.3 79.5 79.7 79.9 80.0
1991	72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8	78.7 78.7 78.8 78.8 78.9 78.9 79.0 79.0	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5	78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3	78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9	78.7 78.7 78.8 78.8 78.9 78.9 79.0 79.0	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7	78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.3	78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3
1991	72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8	78.7 78.7 78.8 78.8 78.9 78.9 79.0 79.0	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5	78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3	78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0	Female 78.7 78.7 78.8 78.9 79.0 79.0 79.1 79.1	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3 73.5	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7	Temale 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3 79.4 79.6	Male 71.9 72.0 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7
1991	72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.3 73.5 73.7 73.9	Temale 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.4 79.6 79.7	71.9 72.0 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3
1991	72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 73.0 73.0 73.3 73.5 73.7 73.9 74.0	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3 79.4 79.6 79.7	71.9 72.0 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0 75.3	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.3 73.5 73.7 73.9 74.0 74.2	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.6 79.7 79.9 80.1	Male 71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7 75.0 75.3 75.6	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 80.4 80.8 81.1 81.4 81.7 82.0	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.3
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4	Female 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.4 79.6 79.7 79.9 80.1 80.2	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 74.3 74.7 75.0 75.3 75.6 75.9	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1 77.5 78.0	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.8
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.3 73.5 73.7 73.9 74.0 74.2	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.6 79.7 79.9 80.1	Male 71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7 75.0 75.3 75.6	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 80.4 80.8 81.1 81.4 81.7 82.0	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.3
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4	Female 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.4 79.6 79.7 79.9 80.1 80.2	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 74.3 74.7 75.0 75.3 75.6 75.9	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1 77.5 78.0	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.3 85.3
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Female 78.7 78.8 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3 79.4 79.6 79.7 79.9 80.1 80.2 80.3	Male 71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0 75.3 75.6 75.9 76.2	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1 77.5 78.0	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.8
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.1 79.3 79.4 79.6 79.7 79.9 80.1 80.2 80.3	Male 71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7 75.0 75.3 75.6 75.9 76.2	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1 77.5 78.0 78.5	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 84.8 85.3 85.9
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.1 79.6 79.7 79.9 80.1 80.2 80.3 80.5 80.6	Male 71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7 75.0 75.9 76.2 76.4 76.7	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 80.8 81.1 81.4 81.7 82.0 82.2 82.5 82.8 83.1	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.3	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.3 85.3 85.9
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Temale 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3 79.4 79.6 79.7 79.9 80.1 80.2 80.3 80.5 80.6 80.7	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0 75.3 75.6 75.9 76.2	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.3	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.8 85.3 85.9 86.4 86.9
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.8 72.9 73.0 73.3 73.5 73.7 74.9 74.2 74.4 74.5 74.7 74.8 75.0 75.1 75.2 75.4	Temale 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.1 79.3 79.4 79.6 79.7 79.9 80.1 80.2 80.3 80.5 80.6 80.7 80.9 81.0 81.1	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.3 74.7 75.0 75.3 75.6 75.9 76.2 76.4 76.7 77.0 77.3 77.5 77.8	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5 82.8 83.1 83.4 83.6	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.5 79.0 79.5 99.9 980.4	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 84.8 85.3 85.9 86.4 86.9 87.4 87.8 88.3
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Female 78.7 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.1 79.6 79.7 79.9 80.1 80.2 80.3 80.5 80.6 80.7 80.9 81.0 81.1 81.3	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0 75.3 75.6 75.9 76.2 76.4 76.7 77.0 77.3 77.5 77.8 78.1	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5 82.8 83.1 83.4 83.6 83.9 84.1 84.4	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.3	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 84.8 85.3 85.9 86.4 86.9 87.4 87.8 88.3 88.8
1991	Male 72.0 72.2 72.3 72.5 72.6 72.7 72.7 72.8 72.9 73.0 73.0 73.3 73.5 73.7 73.9 74.0 74.2 74.4 74.5	Temale 78.7 78.8 78.8 78.9 79.0 79.0 79.1 79.1 79.1 79.3 79.4 79.6 79.7 79.9 80.1 80.2 80.3 80.5 80.6 80.7 80.9 81.0 81.1 81.3 81.4	71.9 72.0 72.1 72.1 72.2 72.3 72.4 72.5 72.7 72.8 72.9 73.8 74.7 75.0 75.3 75.6 75.9 76.2 76.4 76.7 77.0 77.3 77.5 77.8 78.1 78.3	Female 78.8 78.9 79.0 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.4 80.8 81.1 81.4 81.7 82.0 82.2 82.5 82.8 83.1 83.4 83.6 83.9 84.4 84.7	72.0 72.1 72.2 72.3 72.3 72.3 72.3 72.3 72.3 72.1 72.0 73.3 75.1 76.1 76.7 77.1 77.5 79.0 78.5 79.9 80.4 80.9 81.9 82.4	Female 78.9 79.1 79.3 79.5 79.7 79.9 80.0 80.2 80.3 80.4 80.5 81.3 82.1 82.7 83.3 83.8 84.8 85.3 85.9 86.4 87.4 87.8 88.8 88.3 88.8

remaining to a person if he were to experience the age-specific mortality rates for the tabulated year throughout the remainder of his life.

Table 10.—Life Expectancy at Age 65 by Sex, Calendar Year, and Alternative

	[In years]	
Calendar year	Male Female	
1900	11.3 12.0	
1901	11.3 12.0	
1902 1903	11.7 12.6	
1904	11.4 12.2 11.1 11.9	
1905	11.4 12.0	
1906	11.4 12.2	
1907 1908	11.0 11.8 11.6 12.3	
1909	11.6 12.3 11.6 12.4	
1910	11.4 12.1	
1911	11.5 12.2	
1912	11.5 12.3	
1913 1914	11.6 12.4 11.6 12.4	
1915	11.4 12.2	
1916	11.3 12.0	
1917	11.2 12.1	
1918 1919	11.6 12.5 12.3 12.8	
1920	110 100	
1921	11.8 12.3 12.2 12.8	
1922	11.8 12.4	
1923	11.5 12.2	
1924 1925	11.8 12.6	
1926	11.6 12.5 11.4 12.2	
1927	11.7 12.7	
1928	11.3 12.3	
1929	11.4 12.4	
1930	11.8 12.9	
1931	12.0 13.1	
1932 1933	11.9 13.0 12.0 13.2	
1934	11.9 13.1	
1935	11.9 13.2	
1936 1937	11.6 12.8	
1938	11.8 13.1 12.1 13.4	
1939	12.0 13.4	
1940	11.9 13.4	
1941	12.2 13.8	
1942	12.4 14.1	
1944	12.1 13.7 12.5 14.1	
1945	12.5 14.1	
1946	12.9 14.6	
1947	12.6 14.5	
1948 1949	12.7 14.7 12.8 14.9	
1950 1951	12.8 15.1 12.8 15.2	
1952	13.0 15.3	
1953	12.9 15.3	
1954 1955	13.2 15.7	
1956	13.1 15.6 13.0 15.7	
1957	12.9 15.6	
1958	12.9 15.7	
1959	13.1 15.9	
1960	12.9 15.9	
1961 1962	13.1 16.1 12.9 16.0	
1963	12.7 16.0	
1964	13.0 16.3	
1965 1966	12.9 16.3	
1967	12.9 16.3 13.0 16.6	
1968	12.8 16.6	
1969	13.0 16.9	

1969.....

Table 10.—Life Expectancy at Age 65 by Sex. Calendar Year. and Alternative -Continued

ſĬ'n	years]
fr11	y cars

		n yearsj				
Calendar year			Male	Female		
1970			13.1	17.1		
1971			13.1	17.1		
1972			13.1	17.1		
1973			13.1	17.2		
1974			13.5			
1975				17.7		
1076			13.7	18.0		
1976			13.7	18.1		
1977			13.9	18.3		
1978			13.9	18.3		
1979			14.2	18.6		
1000						
1980			14.0	18.4		
1981			14.2	18.6		
1982			14.5	18.8		
1983			14.3	18.6		
1984			14.4	18.7		
1985			14.4	18.6		
1986			14.5	18.7		
1987			14.6	18.7		
1988			14.6	18.7		
1989			15.2	18.9		
	A lta	rnative	Alta	rnative	A lea	
	Aitc	I	Alle	II		rnative III
	Male	Female	Male	Female	Male	Female
1990	15.2	18.9	15.3	19.0	15.3	19.0
4004						
1991	15.2	18.9		19.0		
1991 1992	15.2 15.2	18.9 18.9	15.4	19.0 19.1	15.5	19.2
1991 1992 1993	15.2 15.2 15.3	18.9	15.4 15.4	19.1	15.5 15.6	19.2 19.3
1992 1993	15.2 15.3	18.9 18.9	15.4 15.4 15.5	19.1 19.2	15.5 15.6 15.7	19.2 19.3 19.5
1992 1993 1994	15.2 15.3 15.3	18.9 18.9 18.9	15.4 15.4 15.5 15.5	19.1 19.2 19.2	15.5 15.6 15.7 15.8	19.2 19.3 19.5 19.6
1992 1993 1994 1995	15.2 15.3 15.3 15.3	18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6	19.1 19.2 19.2 19.3	15.5 15.6 15.7 15.8 15.9	19.2 19.3 19.5 19.6 19.7
1992 1993 1994 1995	15.2 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7	19.1 19.2 19.2 19.3 19.4	15.5 15.6 15.7 15.8 15.9 16.0	19.2 19.3 19.5 19.6 19.7 19.8
1992 1993 1994 1995 1996 1997	15.2 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.5 15.5 15.6 15.7 15.7	19.1 19.2 19.2 19.3 19.4 19.4	15.5 15.6 15.7 15.8 15.9 16.0 16.1	19.2 19.3 19.5 19.6 19.7 19.8 19.9
1992 1993 1994 1995 1996 1997 1998	15.2 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.5 15.5 15.6 15.7 15.7 15.7	19.1 19.2 19.2 19.3 19.4 19.4 19.5	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0
1992 1993 1994 1995 1996 1997	15.2 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.5 15.5 15.6 15.7 15.7	19.1 19.2 19.2 19.3 19.4 19.4	15.5 15.6 15.7 15.8 15.9 16.0 16.1	19.2 19.3 19.5 19.6 19.7 19.8 19.9
1992 1993 1994 1995 1996 1997 1998	15.2 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7 15.7 15.8 15.8	19.1 19.2 19.2 19.3 19.4 19.4 19.5	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1
1992 1993 1994 1995 1996 1997 1998 1999	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7 15.7 15.8 15.8	19.1 19.2 19.2 19.3 19.4 19.5 19.5	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1
1992 1993 1994 1995 1996 1997 1998 1999	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7 15.8 15.8	19.1 19.2 19.2 19.3 19.4 19.5 19.5	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.7
1992 1993 1994 1995 1996 1997 1998 1999 2000 2005 2010	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7 15.8 15.8 15.9 16.1 16.3	19.1 19.2 19.2 19.3 19.4 19.5 19.5 19.5	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.7 21.1
1992 1993 1994 1995 1996 1997 1998 1999 2000 2005 2010	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9 18.9	15.4 15.4 15.5 15.5 15.6 15.7 15.8 15.8 15.9 16.1 16.3 16.5	19.1 19.2 19.2 19.3 19.4 19.5 19.5 19.5 19.6 20.0 20.2	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3 16.4 16.8 17.2 17.6	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.7 21.1 21.5
1992 1993 1994 1995 1996 1997 1998 1999 2000 2005 2010 2015 2010	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9 19.0 19.0	15.4 15.4 15.5 15.5 15.6 15.7 15.8 15.8 15.8 16.1 16.3 16.5 16.7	19.1 19.2 19.2 19.3 19.4 19.5 19.5 19.6 19.8 20.0 20.2 20.4	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3 16.4 16.8 17.2 17.6 18.0	19.2 19.3 19.5 19.6 19.7 19.8 20.0 20.1 20.2 20.7 21.1 21.5 21.9
1992 1993 1994 1995 1996 1997 1998 1999 2000 2005 2010 2015 2020 2025	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9 19.0 19.0 19.1	15.4 15.4 15.5 15.5 15.6 15.7 15.8 15.8 15.8 16.1 16.3 16.5 16.7	19.1 19.2 19.2 19.3 19.4 19.5 19.5 19.6 19.8 20.0 20.2 20.4 20.7	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3 16.4 16.8 17.2 17.6 18.0 18.4	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.7 21.1 21.5 21.9 22.3
1992 1993 1994 1995 1996 1997 1998 1999 2000 2005 2010 2015 2020 2025 2020	15.2 15.3 15.3 15.3 15.3 15.3 15.3 15.3 15.3	18.9 18.9 18.9 18.9 18.9 18.9 18.9 19.0 19.0 19.1 19.2 19.3	15.4 15.5 15.5 15.6 15.7 15.8 15.8 15.9 16.1 16.3 16.5 16.7 16.9	19.1 19.2 19.2 19.3 19.4 19.5 19.5 19.5 20.0 20.2 20.4 20.7 20.9	15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3 16.4 16.8 17.2 17.6 18.0 18.4 18.8	19.2 19.3 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.7 21.1 21.5 21.9 22.3 22.7
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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

Charts 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. Rapid gains in expectancy at birth occurred from 1900 through the mid-1950's for both males and females. From the mid-1950's through the 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. During this century life expectancy at birth for males increased 24.9 years from 46.4 in 1900 to 71.3 years in 1987. During the same period, life expectancy at birth for females increased 29.4 years from 49.0 to 78.4 years. Thus the difference in male and female life expectancies, the sex gap, at birth has increased from 2.6 years in 1900 to 7.1 years in 1987. For calendar year 1970, the sex gap in life expectancy at birth was 7.8 years. This 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 71.3 years in 1987 to 75.6 years, 78.3 years, and 82.4 years in 2080 under alternatives I, II, and III, respectively. This represents an increase ranging from 4.3 years to 11.1 years. For females the increase ranges from 3.0 years to 10.9 years. The female life expectany is projected to increase from 78.4 years in 1987, to 81.4 years, 84.7 years, and 89.3 years in 2080 under alternatives I, II, and III, respectively. The sex gap at birth is projected to decrease from 7.1 years in 1987 to 5.8 in 2080 under alternative I, to 6.4 under alternative II, and to 6.9 under alternative III.

Life expectancy at age 65 for males increased from 11.3 years in 1900 to 14.6 years in 1987, while life expectancy at age 65 for females increased from 12.0 years to 18.7 years. The life expectancy for males at age 65 is projected to increase from 14.6 years in 1987 to 16.5 years, 19.0 years, and 22.6 years in 2080 under alternatives I, II, and III, respectively. This represents an increase ranging from 1.9 years to 8.0 years. For females the increase ranges from 1.5 years to 8.1 years. The female age 65 life expectancy is projected to increase from 18.7 years in 1987 to 20.2 years, 23.0 years, and 26.8 years 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 4.1 years in 1987 and, in 2080, is projected to be 3.7, 4.0, and 4.2 under alternatives I, II, and III, respectively.

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 Sum-

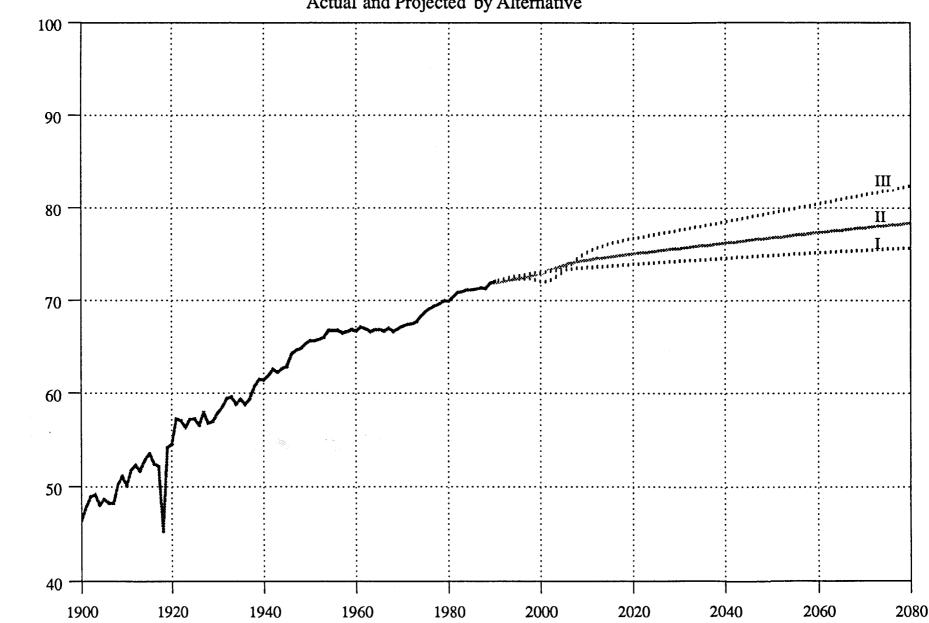
mary Public Use Data Tapes available from the National Center for Health Statistics and population distributions as published in *Current Population Reports*, Series P-20 and P-25, by the Bureau of the Census.

Table 11.—Central Death Rates by Age Group, Sex, and Marital StatusBased on 1980-81 Data
[Per hundred thousand]

Sex and age					
group	Total	Single	Married	Widowed	Divorced
Male:		-			
15-19	135.9	134.8	169.4	933.0	400.0
20-24	193.9	211.7	135.9	1,100.0	430.3
25-29	192.5	276.2	123.0	1,120.0	458.5
30-34	192.1	355.3	128.5	1,145.0	500.0
35-39	241.8	592.5	171.7	1,186.5	562.7
40-44	357.6	746.4	275.8	1,200.0	773.6
45-49	581.0	1.238.6	459.1	1,266.6	1,342.0
50-54	932.8	1,991.2	754.8	1,748.4	2,146.9
55-59	1,444.5	2,556.0	1,225.6	2,414.0	3,044.8
60-64	2,195.9	3,398.1	1,926.0	3,473.3	4,154.8
65-69	3,338.9	4,756.3	2.945.4	5,559.8	5,736.1
70-74	4,991.0	7,147.0	4,436.2	7,160.9	7,860.3
75-79	7,323.9	12,872.2	6,235.5	10,567.0	13,034.5
80-84	11.027.0	19,506.0	9,317.1	14,027.2	17,258.6
85-89	16,433.6	26,107.9	14,240.1	18,432.6	19,259.8
90-94	21,981.3	32,226.8	19,333.7	23,250.2	23,000.0
Female:					
15-19	51.8	51.5	50.7	270.0	75.0
20-24	60.3	71.9	40.5	274.2	105.0
25-29	67.5	110.7	46.5	282.3	120.3
30-34	82.6	178.7	60.6	285.0	137.6
35-39	122.4	277.9	95.0	300.0	205.7
40-44	195.3	408.8	157.9	381.0	333.1
45-49	319.0	544.0	265.3	587.3	508.1
50-54	496.5	754.0	421.5	776.0	734.8
55-59	746.3	1,160.7	634.6	1,006.8	1,084.3
60-64	1,131.5	1,606.3	939.0	1,478.7	1,573.9
65-69	1.705.2	2,114.4	1,426.6	1,982.9	2,475.8
70-74	2,621.7	3,176.6	2,137.3	2,921.4	3,719.3
75-79	4,132.5	4,960.0	3,409.5	4,314.0	6,340.0
80-84	7,095.9	8,324.6	5,179.4	7,463.0	9,920.4
85-89	11,797.1	14,681.1	7,894.2	12,717.1	12,620.6
90-94	17,983.4	23,584.7	12,717.5	19,202.2	17,000.0

Chart 2 - Male Life Expectancy (in years), 1900 - 2080

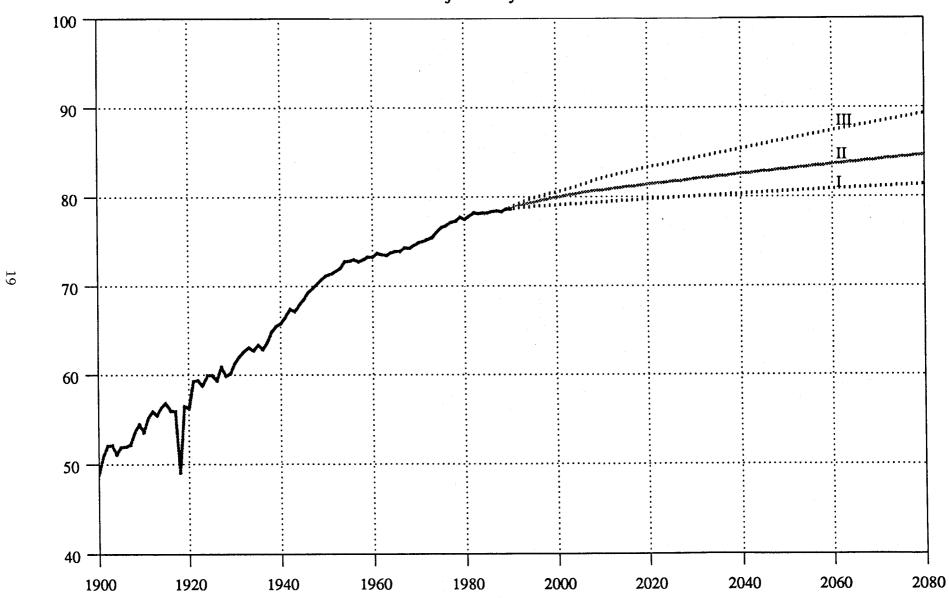




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Chart 3 - Female Life Expectancy (in years), 1900 - 2080

Actual and Projected by Alternative



C. Net Immigration

Immigration was once a very important element in the growth of the United States population. During 1904 through 1913 for example, immigration averaged nearly one million per year, which represented quite sizeable percentage increases in the United States population. Immigration decreased greatly during World War I and following the adoption of quotas based on national origin in 1921. The economic depression in the 1930's caused an additional but temporary decrease, which resulted in more emigration than immigration. Annual immigration increased after World War II to around 300,000 persons per year and stayed at that level through the 1950's and into the 1960's. With the Immigration Act of 1965 and other related changes, annual legal immigration increased to about 400,000 and remained about that level until 1977 when annual legal immigration began a substantial increase. For the years 1977-1989, legal immigration (excluding aliens admitted under the Immigration Reform and Control Act of 1986 1) averaged approximately 560,000 per year. This increase was mainly due to the large numbers of refugees and political asylees that were admitted based on specific legislation during this period.

Although statistics on emigration are sparse and largely estimated (see, "Foreign-Born Emmigration 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 Immigration and Naturalization Service 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. This is 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.

The Immigration Act of 1990, which takes effect in fiscal year 1992, will increase the number of immigrants legally entering the United States each year by approximately 200,000. An overall cap of 700,000 for the first 3 years falling to 675,000 thereafter was set on legal immigration, excluding refugees and political asylees, as well as other legalized aliens who are primarily from the Immigration Reform and Control Act of 1986. This cap can be increased when the immigration of immediate relatives is greater then 264,000. Assuming the ultimate levels of refugees and political asylees to be 50,000 per year, of other legal immigrants to be 675,000 per year, and of emigration to be approximately 25 percent of the level of legal immigration, yields an assumption of 550,000 per year for net legal immigration. For years after 1991, net legal immigration is assumed to be 650,000, 550,000, and 500,000 persons per year for alternatives I, II, III, 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 1987. 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 years after 1991.

¹The Immigration Reform and Control Act of 1986 permitted certain aliens, who had been residing in the United States illegally, to apply directly for permanent residency. 574,000 persons were legalized during 1987 through 1989 under this and similar legislation.

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

Alternative and age group	Total	Male	Female
Alternative I :			
0-4	46,127	22,741	23,386
5-9	39,681	19,962	19,719
10-14	50,708	25,761	24,947
15-19	59,718	30,365	29,353
20-24	93,458	49,674	43,784
25-29	103,703	56,559	47,144
30-34	74,515	39,351	35,164
35-39	46,696	24,161	22,53
40-44	30,509	15,432	15.07
45-49	22,864	11,465	11,39
50-54	20,059	9,112	10.94
			•
55-59	18,435	7,960	10,47
60-64	16,051	6,934	9,11
65-69	12,125	5,330	6,79
70-74	8,470	3,665	4,80
75-79	4,310	1,824	2,48
80-84	2,571	1,040	1,53
85+	0	0,040	1,55
0.40	104.004	00.000	
0-19	196,234	98,829	97,40
20-64	426,290	220,648	205,643
65+	27,476	11,859	15,61
Total	650,000	331,336	318,66
Alternative II :	000,000	001,000	0.0,00
0-4	39,033	19,245	19,78
5-9	33,575	16,891	16,684
10-14	42,909	21,799	21,110
15-19	50,529	25,693	24,830
20-24	79,082	42,033	37,049
25-29	87,749	47,858	39,89
30-34	63,054	33,298	29,75
35-39	39,511	20,443	19,06
	25,815	13.058	12,75
40-44		. ,	,
45-49	19,346	9,701	9,64
50-54	16,972	7,709	9,26
55-59	15,598	6,735	8,86
60-64	13,578	5,865	7,71
65-69	10,258	4,510	5,74
70-74	7,166	3,101	4,06
75-79	3,649	1,545	2,10
80-84	2,176	880	1,29
85+	0	0	(
0-19	166.046	83,628	82,41
20-64	360,705	186,700	174,00
65+	23,249	10,036	13,21
Total Alternative III:	550,000	280,364	269,63
0-4	35,475	17,490	17,98
	20.524	15,355	15,16
5-9	30,524		
5-9 10-14	30,324 39,009	19,817	19,19

Table 12.—Assumed Annual Net Legal Immigration by Age Group, Sex, and Alternative —Continued

Alternative and age group	Total	Male	Female
Alternative III: (Cont.)			
20-24	71,893	38,214	33,679
25-29	79,772	43,507	36,265
30-34	57,320	30,270	27,050
35-39	35,921	18,585	17,336
40-44	23,468	11,871	11,597
45-49	17,587	8,818	8,769
50-54	15,431	7,009	8,422
55-59	14,182	6,125	8,057
60-64	12,345	5,334	7,011
65-69	9,328	4,101	5,227
70-74	6,513	2,819	3,694
75-79	3,317	1,405	1,912
80-84	1,978	800	1,178
85+	0	0	0
0-19	150,945	76,019	74,926
20-64	327,919	169,733	158,186
65+	21,136	9,125	12,011
Total	500,000	254,877	245,123

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 offical policy of the Bureau of Census to enumerate or to include in the estimated undercount all persons residing in the U.S.. The Bureau of the Census has estimated 3 million other-than-legal alien residents as of 1980 and a net increase of 200,000 other-than-legal aliens per year during the postcensal period.

Even after considering the Immigration Reform and Control Act of 1986 which attempted to discourage illegal immigration, 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. For years after 1989, the alternative II assumption for annual net other-than-legal immigration is 200,000. For alternatives I and III, the corresponding numbers are 350,000 and 100,000, respectively. The age-sex distribution of the other-than-legal immigrants was based on unpublished estimates by the Bureau of Census 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

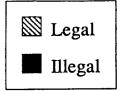
Age group	Total	Male	Female
Alternative I :			
0-4	32,055	16,400	15,655
5-9	35,783	19,010	16,773
10-14	24,601	12,301	12,300
15-19	49,201	27,955	21,246
20-24	92.066	54,793	37,273
20 27	72,000	34,773	31,213
25-29	53,302	30,192	23,110
30-34	22,736	11,928	10,808
35-39	11,183	5,592	5,591
40-44	8.945	4,845	4,100
45-49	6,337	3,355	2.982
45-47	0,557	3,333	2,902
50-54	4,473	2,237	2,236
55-59	2,984	1,492	1,492
60-64	1,774	418	1,356
	-,	,,,	1,550
65-69	1,519	357	1.162
70-74	1,267	298	969
75-79	1,013	238	775
80-84	761	180	581
85+	0	0	301
0.51	Ů,	U	
0-19	141,640	75,666	65,974
20-64	203,800	114,852	88,948
65+	4,560	1,073	3,487
Total	250,000	101 501	150 400
Total	350,000	191,591	158,409
Alternative II:			
0-4	18,324	9,375	8,949
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
25.20	20.450	17.050	10.00
25-29	30,458	17,252	13,200
30-34	12,992	6,816	6,176
35-39	6,390	3,194	3,196
40-44	5,111	2,769	2,342
45-49	3,621	1,917	1,704
50-54	2 555	1 270	1 077
	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

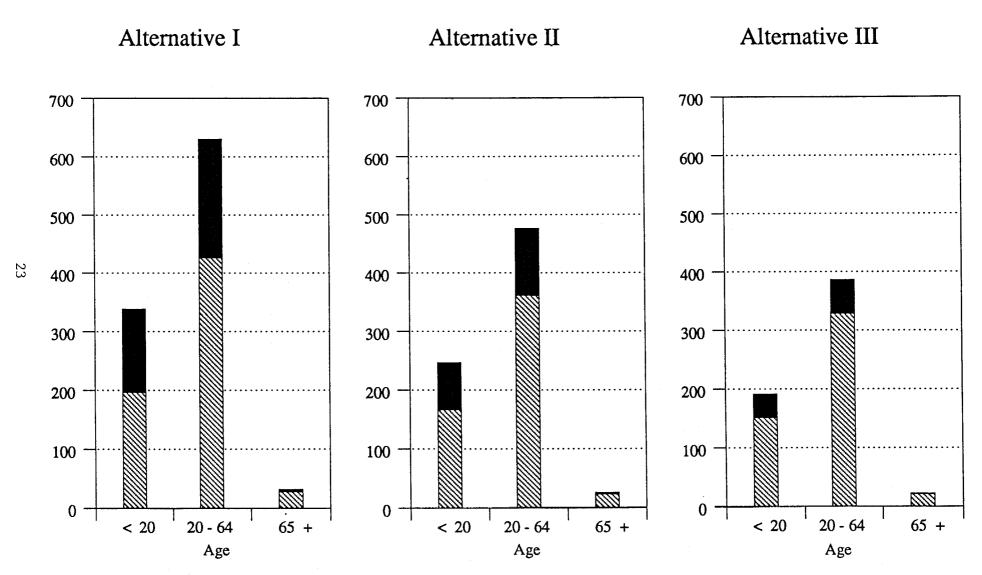
Table 13.—Assumed Annual Net Other-Than-Legal Immigration by Age Group, Sex, and Alternative —Continued

Age group	Total	Male	Female		
Alternative II : (Cont.)					
80-84	434	102	332		
· 85+	0	0	0		
0-19	80,941	43,240	37,701		
20-64	116,453	65,626	50,827		
65+	2,606	613	1,993		
Total	200,000	109,479	90,521		
Alternative III:	•	•	,		
0-4	9,157	4,685	4,472		
5-9	10,224	5,431	4,793		
10-14	7,028	3,514	3,514		
15-19	14,058	7,987	6.071		
20-24	26,305	15,655	10,650		
25-29	15,229	8,627	6,602		
30-34	6,497	3,409	3.088		
35-39	3,193	1,596	1,597		
40-44	2,556	1,384	1,172		
45-49	1,810	958	852		
50-54	1,278	639	639		
55-59	853	427	426		
60-64	508	120	388		
65-69	435	103	332		
70-74	362	85	277		
75-79	289	68	221		
80-84	218	51	167		
85+	0	0	0		
0-19	40,467	21,617	18.850		
20-64	58,229	32,815	25,414		
65+	1,304	307	997		
Total	100,000	54,739	45,261		

Chart 4 displays the annual net immigration assumed for years after 1991 under all three alternatives. The differences among the three alternatives for other-than-legal status are greater than the differences for legal status, reflecting both the uncertainties of future other-than-legal immigration and the existing limitations in the law for legal immigration.

Chart 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 (1) the number of nonmarried males (not taking into account the number of nonmarried females), (2) the number of nonmarried females (not taking into account the number of nonmarried males), or (3) a theoretical number of nonmarried couples that takes into account both the number of nonmarried males and nonmarried females. The marriage rates referred to in this study are computed using the third concept of a theoretical number of nonmarried couples as the denominator. The rates were computed as the number of marriages for given ages of husband and wife divided by the square root of the product (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 1986 by age of husband crossed with age of wife. In 1986, 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 the National Center for Health Statistics 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-wifespecific 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 Tables 14 and 15 and in Chart 5) 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
[Per hundred thousand unmarried of each sex]

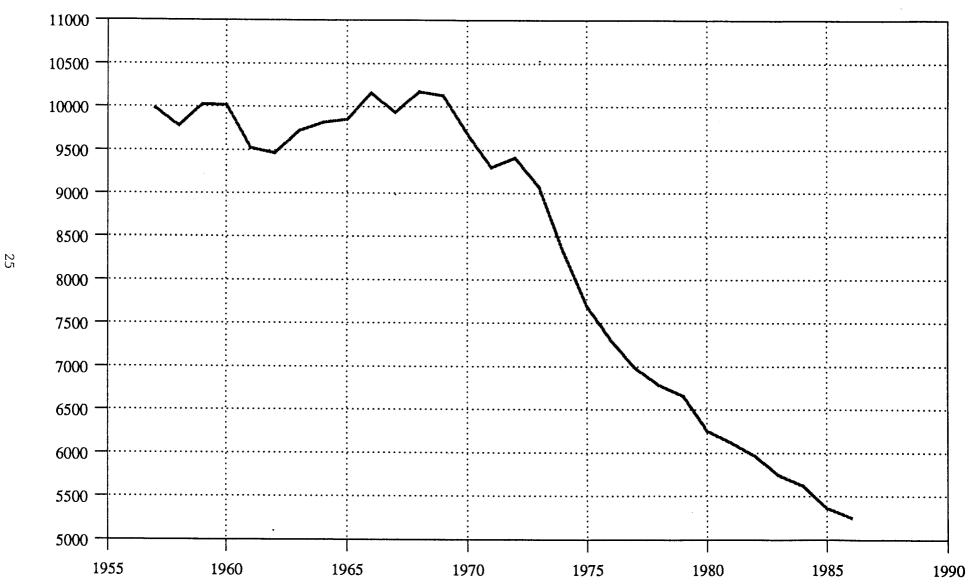
Calendar year	Age-adjusted marriage rate
1957	9,975
1958	9,775
1959	10.024
1960	10.015
1961	9,519
1962	9,465
1963	9,716
1964	9,812
1965	9,851
1966	10,158
1967	9,929
1968	10,168
1969	10.129
1970	9,680
1971	9,302
1972	9.412
1973	9.077
1974	8,332
1975	7,687
1976	7,303
1977	6,982
1978	6,784
1979	6,661
1980	6,256
1981	6,120
1982	5,967
1983	5,743
1984	5,623
1985	5,364
1986	5,249

Table 15.—Age-Adjusted Central Marriage Rates Assumed for the Social Security Area by Calendar Year and Alternative [Per hundred thousand unmarried of each sex]

Calendar year	Age-	adjusted marriage	rate
1986		5,832	
1987		5,801	
1988		5,725	
1989		5,684	
1990		5,736	
	Alternative I	Alternative II	Alternative III
1991	5,654	5,736	5,841
1992	5,573	5,736	5,947
1993	5,494	5,736	6,055
1994	5,415	5,735	6,165
1995	5,337	5,735	6,277
1996	5,261	5,735	6,391
1997	5,186	5,735	6,507
1998	5,111	5,734	6,626
1999	5,038	5,734	6,746
2000	4,966	5,734	6,869
2001	4,895	5,734	6,994
2002	4,825	5,733	7,121
2003	4,756	5,733	7,250
2004	4,688	5,733	7,382
2005	4,621	5,733	7,516
2006	4,554	5,732	7,653
2007	4,489	5,732	7,792
2008	4,425	5,732	7,934
2009	4,362	5,732	8,078
2010	4,299	5,731	8,225
2011	4,238	5,731	8,374
2012	4,177	5,731	8,526
2013	4,117	5,731	8,682
2014	4,058	5,730	8,839
2015	4,000	5,730	9,000

Chart 5 - Age-Adjusted Marriage Rates (per hundred thousand unmarried of each sex)

in the MRA, 1957 - 1986



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 Chart 5 range from a high in 1968 of 10,168 per hundred thousand nonmarried persons of each sex to a low in 1986 of 5,249. At first glance the provisional statistics for 1987-1989, as shown in Table 15, indicate a reversal of the declining trend. However, 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 United States data. Once this factor is applied, the provisional age-adjusted marriage rates for 1987-1989 indicate a continuation, yet slowing down, of the declining trend.

Because we are uncertain 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 1987-1989 age-adjusted rates of marriage for the United States. 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 over the past 10 years 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 2015 and stay at this level for the remainder of the projection period. This ultimate rate is 70% of the 1989 rate of 5,684.

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 2015 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 1981-1986 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 1989 for alternative II are shown in Table 16 grouped by 5 year age groups based on Social Security Area population as of July 1, 1990.

Table 16.—Assumed Central Marriage Rates for Alternative II by Age of Husband and Wife [Per hundred thousand unmarried of each sex]

	Age group of wife															
Age group of husband	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	1,461.1	383.4	68.2	23.5	8.4	2.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0
20-24		5,565.9	1,290.2	328.2	104.6	27.8	7.9	2.7	1.4	.2	.0	.0	.0	.0	.0	
25-29	625.2	4,221.7	4,514.2	1,416.0	399.7	117.0	31.2	9.0	2.2	.3	.0	.0	.0	.0	.0	.0
30-34	209.2	1,536.6		2,786.6	1,035.6	307.2	94.1	21.0	5.6	1.4	.3	.0	.0	.0	.0	.0
35-39	79.4	638.5	1,708.0	2,398.7	1,923.9	737.5	230.6	58.2	13.5	3.8	1.4	.7	.1	.0	.0	.0
40-44	31.0	229.6	741.8	1,314.5	1,710.9	1,281.1	498.6	131.5	35.0	9.1	3.4	1.5	.4	.2	.0	.0
45-49	17.1	87.4	310.2	671.5	1,080.4	1,299.0	934.0	322.9	88.5	24.8	6.5	2.0	.8	.0	.0	.0
50-54	8.6	34.8	122.8	294.5	558.9	822.8	931.1	631.8	206.6	61.3	16.9	5.0	1.6	.2	.0	.0
55-59	3.5	15.6	52.0	120.2	248.9	441.2	626.3	664.4	445.6	162.0	41.4	12.1	3.6	1.1	.5	.0
60-64	2.1	6.7	20.7	45.9	97.6	189.7	308.2	417.7	452.9	348.2	108.7	27.8	6.3	1.6	.0	.0
65-69	1.3	3.0	8.2	17.2	34.6	64.8	119.8	186.2	268.8	338.2	243.0	70.4	15.3	3.5	.5	.0
70-74	1.0	2.3	3.2	6.5	13.6	27.3	45.9	75.1	119.7	191.2	234.6	154.4	38.2	6.6	1.7	.0
75-79	.1	2.0	1.6	2.9	5.6	10.3	17.7	31.5	51.7	86.2	125.6	135.6	85.2	14.6	2.9	.2
80-84	.0	.4	1.1	1.2	2.8	3.2	6.8	13.3	19.9	32.2	49.0	64.2	51.1	26.6	4.5	.4
85-89	.0	.0	.0	.0	.2	.1	2.5	4.5	7.2	9.2	13.0	16.8	20.8	16.2	4.2	.7
90-94	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	1.8	3.1	4.7	4.6	3.1	2.0	6.6

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-wifespecific 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 1981-1986. Data for 1980 were not available. The marriage rates for the years 1979 and 1981-1986 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 17.

Table 17.—Average of Calendar Years 1979 and 1981-86 Central Marriage Rates by Age Group, Sex, and Marital Status
[Per thousand]

	Marital status								
Sex and age group	Total	Single	Widowed	Divorced					
Male:									
14-19	17.4	17.3	202.0	174.3					
20-24	83.1	78.4	236.7	221.5					
25-29	121.8	101.7	256.3	217.0					
30-34	117.3	74.1	206.5	198.7					
35-39	98.2	40.8	104.2	166.4					
40-44	89.2	35.0	90.8	158.1					
45-49	59.2	15.4	65.7	111.3					
50-54	56.0	12.8	63.1	102.5					
55-59	38.5	7.5	55.7	61.3					
60-64	36.1	6.5	51.0	54.4					
65-69	16.6	2.8	20.1	29.1					
70-74	14.5	2.3	17.0	25.7					
75-79	14.8	2.4	17.1	25.9					
80-84	15.2	2.4	17.1	25.9					
85-89	15.9	2.4	17.1	25.9					
90-94	16.2	2.4	17.1	25.9					
Female:									
14-19	39.3	38.6	225.6	215.6					
20-24	111.2	101.9	134.3	221.4					
25-29	131.2	106.4	86.4	189.2					
30-34	103.0	67.1	56.0	136.7					
35-39	67.1	34.2	35.2	92.1					
40-44	60.4	28.9	32.1	83.9					
45-49	31.3	11.9	21.0	47.9					
50-54	25.2	9.7	18.9	41.9					
55-59	11.5	4.9	10.0	19.4					
60-64	9.1	4.1	8.4	16.0					
65-69	2.8	1.1	2.6	7.1					
70-74	2.1	.8	2.0	6.0					
75-79	2.1	.8	2.0	6.0					
80-84	2.1	.8	2.0	6.0					
85-89	2.1	.8	2.0	6.0					
90-94	2.1	.8	2.0	6.0					

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 1979-1986 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 1986 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 18 contains the resulting rates age-adjusted to the married Social Security Area population as of July 1, 1982.

Table 18.—Age-Adjusted Central Divorce Rates by Calendar Year and Alternative

[Per hundred thousand married couples]

[Pe	[Per nundred thousand married couples]									
Calendar year	Age-	adjusted divorce i	rate							
1979		2,221								
1980		2,227								
1981		2,278								
1982		2,198								
1983		2,173								
1984		2,185								
1904		2,103								
1985		2,212								
1986		2,185								
1987		2,122								
1988		2,124								
1989		2,059								
1990		2,102								
	Alternative I	Alternative II	Alternative III							
1991	2,113	2,103	2,089							
1992	2,124	2,105	2,076							
1993	2,135	2,106	2,063							
1994	2,147	2,108	2,050							
1995	2,158	2,109	2,038							
	,									
1996	2,170	2,111	2,025							
1997	2,181	2,112	2,012							
1998	2,193	2,114	2,000							
1999	2,205	2,115	1,988							
2000	2,216	2,117	1.975							
2000	2,210	_,	-,-							
2001	2,228	2,118	1,963							
2002	2,240	2,120	1,951							
2003	2,252	2,122	1,939							
2004	2,264	2,123	1,927							
2005	2,276	2,125	1.915							
2003	2,270	2,123	.,,							
2006	2,288	2,126	1,903							
2007	2,300	2,128	1,891							
2008	2,312	2,129	1,880							
	2,325	2,131	1,868							
2009		2,132	1,857							
2010	2,337	2,132	1,037							
2011	2,350	2,134	1,845							
	2,362	2,135	1,834							
2012	2,375	2,137	1,822							
2013			1,811							
2014	2,387	2,138								
2015	2,400	2,140	1,800							

As shown in the above table, the age-adjusted central divorce rates were quite stable during the period 1979-1986. Age-adjusted central divorce rates for 1987-1989 were computed using the age distributions of the DRA data during 1979-1986 and using provisional data estimating the total divorces in the U.S. for 1987-1989. The resulting age-adjusted rates are slightly lower than those for 1979-86. For 1990, the age-adjusted central divorce rate was assumed to be equal to the average of the age-adjusted rates for the three 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 114 percent of the 1990 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 86 percent of the 1990 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 1979-1986 were averaged and then graduated. For each alternative and year after 1990, 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 1989 for alternative II are shown in Table 19 grouped by 5 year age groups based on Social Security Area population as of January 1, 1990.

Table 19.—Assumed Central Divorce Rates for Alternative II by Age of Husband and Wife [Per hundred thousand]

	Age group of wife														
Age group of husband	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	8,000.5	5,494.6	2,780.0	5,786.2	5.827.1	5.137.0	3.086.4	2.222.2							
20-24			4,040.7						2,315.6	1.196.2	150.7	_			
25-29		5,136.8		3,348.2	4,565.0	6,082.1	6,426.2	5,185.4	3,551.1	2,698.7	2,298.9	819.7	384.6	_	
30-34			3,815.9					4,772.1	3,647.6	3,332.3	2,597.4	1,305.3	179.7	_	_
35-3940-44			3,751.4						3,342.7	3,134.2	2,778.5	2,574.3	3,054.5	_	_
	7,407.4		4,541.5			-,	1,823.8		2,443.9	2,462.7	2,369.1	2,287.7	2,387.3	_	_
45-49 50-54	8,339.9		5,085.0			1,541.0			1,410.0	1,480.7	1,484.1	1,410.3	1,568.1	_	_
50-54 55-59	3,394.4		4,712.6				-,	766.5	638.1	715.9	750.0	759.6	820.0	253.5	_
60-64	2,419.3						1,032.7	537.7	268.4	247.4	297.6	337.0	366.9	164.7	_
65-69	1,328.9		3,571.9					504.5	239.3	236.3	232.5	239.2	250.8	220.3	
70-74	1,320.9		3,280.5 3,285.2					530.2	253.9	237.5	243.0	223.3	222.4	223.2	206.2
75-79			2,948.4			1,868.5	-,	541.3	259.2	226.3	235.4	238.9	220.1	210.5	248.6
80-84	_	303.1	2,740.4	2,270.0	1,758.8		1,013.1 709.2	536.9	262.5	227.8	226.6	233.3	236.5	213.0	237.7
85-89		_	_		1,750.0	1,340.3	709.2	508.4	243.2	223.3	210.1	210.7	217.3	238.6	240.7
Note: The central division rate	- Ab -									312.9	253.7	240.0	240.9	217.8	189.2

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. 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 relationsip 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 the relationship between the probability of death and the central death rate that existed in 1987 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 (4m₁). 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. 89, "Life Tables For The United States: 1900-2050" by Joseph F. Faber and Alice H. Wade.

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 20 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.

B. 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 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.

C. 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 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 midvear 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 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 difference between the totals was determined. The first iterative process was continued until the difference between the 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 20 by alternative.

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 midvear 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 subracting 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 20 by alternative.

E. 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 20 by alternative.

Table 20.—Selected Vital Events in the Social Security Area by Calendar Year and Alternative
[In thousands]

	tin thous	andsj		
Alternative and calendar				
year	Births	Deaths	Marriages	Divorces
Alternative I:				
1989	4,136	2,227	2,469	1,146
1990	4,220	2,254	2,592	1,192
1991	4,201	2,285	2,568	1,209
1992	4,179	2,315	2,547	1,212
1993	4,157	2,346	2,529	1.215
1994	4,136	2,379	2,508	1,221
1995	4,117	2,412	2,490	1,228
1996	4,103	2,446	2,475	1,235
1997	4,095	2,480	2,464	1.237
1998	4,093	2,514	2,457	1,237
1999	4,096	2,548	2,457	1,237
2000	4,105			
2000	4,105	2,582	2,452	1,238
2005	4,238	2,741	2.466	1.239
2010	4,498	2,899	-,	
			2,494	1,244
2015	4,742	3,080	2,501	1,255
2020	4,857	3,305	2,626	1,250
2025	4,937	3,582	2,714	1,265
2030	5,060	3,896	2,809	1,291
2035	5,245	4,197	2,917	1,324
2040	5,446	4,431	3,020	1,362
2045	5 (17	1500	2 100	1 400
2045	5,617	4,566	3,108	1,402
2050	5,757	4,618	3,190	1,441
2055	5,900	4,634	3,276	1,481
2060	6,069	4,667	3,373	1,523
2065	6,254	4,750	3,473	1,566
2070	6,437	4,876	3,570	1,610
2075	6,607	5,019	3,664	1,654
2080	6,773	5,153	3,759	1.698
Alternative II:		•	,	,
1989	4,136	2,227	2,469	1,146
1990	4,217	2,251	2,592	1,192
	•	·	ŕ	ŕ
1991	4,167	2,275	2,599	1,201
1992	4,115	2,300	2,606	1,200
1993	4,062	2,325	2,611	1,200
1994	4.010	2.351	2.611	1,202
1995	3,962	2,377	2,612	1,207
1996	3,919	2,402	2,615	1,212
1997	3,882	2,427	2,620	1,212
1998	3,852	2,452	2,630	1,212
1999	3,827	2,432	2,642	1,212
2000	3,808	2,479		
2030	3,008	2,304	2,656	1,212
2005	3,796	2,615	2,749	1.221
2010	3,890	2,752	2,859	1,241
2015	3,935	2,915	2,930	1,270
2020	3,950	3,109	2,935	1.291
2025	3,907	3,342	2,926	1,303
2030	3,880	3,611	2,936	1,303
20.30	2,000	2,011	2,730	1,314

Table 20.—Selected Vital Events in the Social Security Area by Calendar Year and Alternative —Continued

[In thousands]									
Alternative and calendar									
year	Births	Deaths	Marriages	Divorces					
Alternative II : (Cont.)									
2035	3,894	3,880	2,957	1.319					
2040	3,926	4,102	2,976	1,324					
	0,720	1,102	_ ,,,,	1,52.					
2045	3.942	4,238	2,982	1,328					
2050	3,937	4,286	2,980	1,331					
2055	3,928	4,274	2,979	1,334					
2060	3,929	4,250	2,986	1,337					
2065	3,942	4,254	2,995	1,341					
2070	3,954	4,296	3,002	1,345					
2075	3,960	4,355	3,004	1,348					
2080	3,960	4,400	3,006	1,351					
Alternative III:	·	•	,	,					
1989	4,136	2,227	2,469	1.146					
1990	4,215	2,236	2,592	1,192					
	,	,	,	,					
1991	4,133	2,245	2,642	1,192					
1992	4,049	2,259	2,686	1.185					
1993	3,967	2,277	2,725	1,180					
1994	3,887	2,299	2,757	1,178					
1995	3,812	2,324	2,786	1,181					
1996	3,741	2,351	2,814	1,183					
1997	3,678	2,379	2,844	1,182					
1998	3,621	2,407	2,876	1.180					
1999	3,571	2,452	2,910	1,179					
2000	3,526	2,493	2,946	1,179					
				,					
2005	3,386	2,575	3,135	1,188					
2010	3,335	2,615	3,327	1,215					
2015	3,217	2,720	3,422	1,249					
2020	3,165	2,870	3,184	1,285					
2025	3,042	3,057	3,034	1,284					
2030	2,917	3,281	2,940	1,267					
2035	2,823	3,518	2,862	1,242					
2040	2,753	3,732	2,792	1,213					
2045	2,683	3,879	2,717	1,182					
2050	2,604	3,943	2,635	1,153					
2055	2,522	3,933	2,556	1,124					
2060	2,447	3,886	2,486	1,096					
2065	2,382	3,842	2,422	1,069					
2070	2,322	3,829	2,359	1,043					
2075	2,263	3,838	2,296	1,018					
2080	2,204	3,839	2,234	994					

V. RESULTS

A. Total Population

Table 21 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 Chart 6. Under alternative I (with greater-than-replacement fertility), the total population increases rapidly from 256 million in 1989 to 475 million in 2080. Under alternative II, the total population increases gradually to 357 million in 2080 as a 1.9 total fertility rate plus 750,000 annual net immigrants are more than enough to replenish the population. Under alternative III, the total population increases to 312 million in 2034 and then decreases to 279 million in 2080. The decline in population size after 2034 is due to the compounding effect of below-replacement fertility which is only partially offset by the positive net immigration.

Chart 6 - Social Security Area Population (in millions), 1960 - 2080



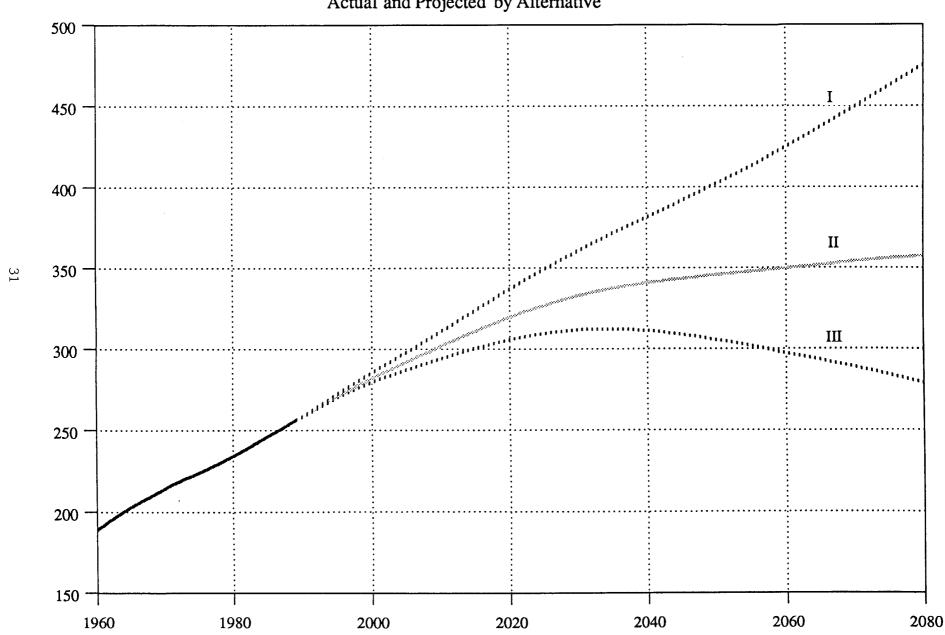


Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status
[In thousands]

	[In thousands] Sex and marital status										
		Male					Female				
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
1989:	19,509	9,986	9,986	0	0	0	9,523	9,523	0	0	0
0-4 5-9	18,915	9,679	9,679	ő	ŏ		9,235	9,235	ŏ	ŏ	ő
10-14	17,324	8,872	8,871	Õ	Ŏ		8,452	8,449	3	Ŏ	Õ
15-19	18,463	9,440	9,302	129	2		9,023	8,576		10	17
20-24	19,835	10,093	7,826	2,115	6		9,742	6,097	3,333	15	296
25-29	22,832	11,632	5,454	5,587	5	587 960	11,200	3,309		37 78	900 1,198
30-34	22,698 20,162	11,548 10,178	3,101 1,659	7,462 7,362	26 37	1,119	11,150 9,984	1,896 990		136	1,196
40-44	17.189	8,610	790	6,697	54	1.069	8,580	545		279	1,322
45-49	13,842	6,891	545	5,435	79	832	6,951	406		301	1,035
50-54	11,622	5,737	403	4,583	115	636	5,885	313		417	798
55-59	11,090	5,389	344	4,382	145	519	5,701	267		804	621
60-64	11,116	5,254	311	4,282	237	425	5,862	257	3,843	1,247	515
65-69	10,042	4,606	254	3,704	365	283	5,435	241	3,124	1,704	366
70-74	8,028 6,009	3,469 2,367	177 112	2,706 1,764	419 411	166 79	4,559 3,643	218 208		1,950 2.089	232 118
75-79 80-84	3,858	1,333	60	921	317	35	2,525	155	596	1,709	65
85-89	2,077	605	27	328	235		1,472	91		1,082	38
90-94	835	206	9	76	116		629	39		499	16
95+	256	55	2	10	41	1	201	12		172	5
0-19	74,212	37,978	37,840	129	2	8	36,233	35,783	423	10	17
20-64	150,387	75,333	20,433	47,904	704		75,054	14,080		3,313	7,995
65+	31,104	12,640	642	9,509	1,904		18,464	965		9,205	840
20.65	152,512	76.319	20.400	48,700	771	4 250	76 102	14,130	50,352	2 621	0 000
20-65 20-66		77,285	20,489 20,543	48,700	771 843	6,358 6,420	76,193 77,320	14,130		3,631 3,965	8,080 8,160
20-67	156,668	78,235	20,595	50,243	919		78,433	14,180		4,316	8,235
20-68	158,642	79,135	20,644	50,965	996		79,507	14,277		4,673	8,303
20-69		79,939	20,687	51,608	1,069		80,489	14,321	52,789	5,017	8,362
66+	28,979	11 655	£04	0.712	1.027	£10	17 224	014	(7(7	0.007	. 755
67+	26,886	11,655 10,688	586 532	8,713 7,934	1,837 1,765	519 457	17,324 16,197	914 864		8,887	755 676
68+	24,823	9,739	480	7,934	1,689		15,084	815		8,553 8,203	601
69+	22,848	8,838	431	6,448	1,612		14,011	767		7,845	533
70+	21,062	8,034	388	5,805	1,539		13,029	724		7,501	474
T	255 502	125.051	50.015	57.540	2 < 10		100 551	50.000			0.050
Total	255,702	125,951	58,915	57,542	2,610	6,885	129,751	50,828	57,542	12,528	8,853
Alternative I:											
1990:					_						
04	19,824	10,147	10,147	0	0		9,677	9,677	0	0	0
5-9	19,085	9,767	9,767	0	0		9,318	9,318		0	0
10-14 15-19	17,672 18,065	9,047 9,241	9,047 9,089	146	1		8,625 8,824	8,624 8,327	1 477	0 4	0 16
20-24	19,473	9,914	7,695	2.061	5		9,559	6,013	3,243	16	288
25-29	22,580	11,500	5,464	5,419	5		11,079	3,402		38	902
30-34	22,999	11,704	3,274	7,409	22		11,295	1,977	8.004	78	1,236
35-39	20,714	10,468	1,810	7,477	38		10,246	1,084	7,676	135	1,351
40-44	17,996	9,020	887	6,940	54		8,975	592		273	1,401
45-49	14,324	7,130	566	5,612	80		7,193	418		322	1,098
50-54	11,842	5,846	412	4,661	114 150		5,996 5,628	324		403	844
55-59	10,960 11,047	5,332 5,234	342 310	4,320 4,259	232		5,813	269 255	3,948 3,817	770 1,206	640 536
60-64 65-69	10,243	4,701	260	3,766	373		5,542	245		1,723	397
70-74	8,117	3,526	181	2,749	418		4,591	214		1,931	249
75-79	6,133	2,430	113	1,788	441		3,703	204	1,268	2,097	134
80-84	3,962	1,377	59	942	338		2,585	157	595	1,765	68
85-89	2,130	624	26	348	235		1,506	91	266	1,110	39
90-94	859 267	212 56	8 2	83 12	114 41		648 210	39 12		511 179	17 6
95+	207	50	2	12	71	•	210	12	17	177	U
0-19	74,646	38,202	38,050		1	5	36,444	35,947		4	16
20-64	151,935	76,148	20,760	48,157	701		75,787	14,334			8,296
65+	31,711	12,926	649	9,687	1,960	630	18,785	961	7,598	9,316	910
20-65	154,089	77,148	20,817	48,966	763	6,603	76,941	14,385	50,618	3,549	8,388
20-66	156,177	78,111	20,870	49,738	835		78,066	14,434		3,881	8,472
20-67	158,229	79,053	20,922	50,492	912		79,177	14,484			8,551
20-68	160,249	79,976	20,973	51,228	992	6,783	80,273	14,532	52,522	4,593	8,625
20-69	162,178	80,850	21,019	51,923	1,074	6,833	81,328	14,579	53,093	4,963	8,693
6.5.1	29,557	11,927	593	8,879	1,898	557	17,630	910	6,895	9,008	817
6/5+ 67+	27,469	10,964	539	8,106	1,826		16,505	861			733
68+	25,417	10,022	487	7,353	1,749		15,394	812		8,327	654
69+	23,397	9,099	437	6,616	1,668	378	14,298	763	4,991	7,963	580
70+	21,468	8,225	390	5,922	1,587	327	13,243	716	4,421	7,593	513
T otal	258,292	127,276	59,459	57,991	2,661	7,165	131,015	51,242	57,991	12,561	9,221
1 0(41	230,272	127,270	37,439	31,771	2,001	7,103	151,015	J1,242	31,771	14,501	7,221

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued [In thousands]

				Sex	and marital	status					
				Male					Female		
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorce
rnative I: (Cont.) 995:											
993: 0-4	20,823	10,655	10,655	0	0	0	10,168	10,168	0	0	
5-9		10,323	10,323	ŏ	0	ŏ	9,852	9,852	ő	ŏ	
10-14		9,928	9,928	ŏ	ŏ	ŏ	9,475	9,475	ĭ	ŏ	
15-19		9,213	9,083	127	ŏ	3	8,798	8,308	469	ŏ	
20-24		9,544	7,414	1,957	ĭ	171	9,100	5,567	3,206	ğ	3
25-29		10,308	4,959	4,722	7	620	9,900	3,286	5,788	32	7
30-34		11,726	3,698	6,903	14	1,111	11,314	2,133	7,783	74	1,3
35-39		11,763	2,493	7,938	32	1,301	11,411	1,493	8,229	131	1,5
40-44		10,441	1,514	7,556	57	1,313	10,284	921	7,546	214	1,5
45-49		8,934	784	6,837	85	1,229	8,961	535	6,491	383	1,5
50-54		6,981	513	5,493	119	857	7,138	395	5,112	477	1,1
55-59		5,619	368	4,491	162	598	5,893	310	4,124	623	1,1
60-64		4,982	299	4,016	223	444	5,439	256	3,525	1,044	ě
			262	3,730	347	363	5,482	238	3,183	1,551	3
65-69		4,702			491	248		222	2,410	2,041	
70-74		3,980	207	3,034			5,040			2.092	3
75-79		2,719	125	1,960	499	136	3,939	181	1,448		
80-84		1,600	60	1,055	425	59	2,865	154	682	1,924	1
85-89		731	23	410	277	22	1,693	97	250	1,301	
90-94		247	6	111	123	7	749	40	90	598	
95+	308	63	1	19	41	2	245	11	21	205	
0.40		40	20.000		^	~	20 204	27 002	420	^	
0-19		40,119	39,989	127	0	3	38,294	37,803	470	2 20	_
20-64	159,737	80,297	22,042	49,913	700	7,643	79,439	14,896	51,804	2,987	9,
65+	34,055	14,042	685	10,319	2,202	836	20,013	943	8,084	9,712	1,
		0		F0 ====			00.610	14040	FA 100	2.25	_
20-65		81,281	22,098	50,705	755	7,725	80,548	14,945	52,488	3,251	9,
20-66		82,253	22,153	51,479	820	7,801	81,662	14,993	53,153	3,544	9,
20-67		83,201	22,205	52,231	891	7,874	82,765	15,040	53,795	3,856	10,0
20-68		84,110	22,255	52,947	966	7,942	83,846	15,087	54,403	4,185	10,
20-69	169,921	84,999	22,304	53,643	1,046	8,006	84,922	15,134	54,988	4,538	10,
66+	31,962	13,058	629	9,527	2,147	755	18,904	894	7,400	9,448	1,
67+	29,877	12,087	574	8,753	2,082	678	17,790	846	6,735	9,155	1,0
68+	27,826	11,138	521	8,001	2,010	605	16,687	798	6,094	8,843	9
69+		10,229	471	7,285	1,935	538	15,606	751	5,485	8,513	8
70+		9,341	423	6,589	1,855	474	14,531	704	4,901	8,161	
Total	272,205	134,459	62,716	60,359	2,901	8,483	137,746	53,641	60,359	12,699	11,0
000:											
0-4	20,457	10,468	10,468	0	0	0	9,989	9,989	0	0	
5-9		10,845	10,845	ŏ	ŏ	ŏ	10,357	10,357	ŏ	ŏ	
10-14		10,499	10,499	ŏ	ŏ	ŏ	10,023	10,022	ĭ	ŏ	
15-19		10,109	9,974	132	ŏ	4	9,664	9,169	474	ő	
		9,540			1	-					
20-24			7,563	1,815		161	9,095	5,811	2,971	7	
25-29		9,974	4,995	4,346	5	628	9,472	3,164	5,464	27	
30-34		10,584	3,464	6,048	12	1,061	10,171	2,095	6,828	61	1,
35-39		11,820	2,914	7,487	26	1,393	11,456	1,633	8,072	122	1,
40-44		11,749	2,126	8,040	55	1,528	11,460	1,279	8,134	209	1.
45-49		10,354	1,350	7,483	90	1,431	10,271	835	7,316	334	1.
50-54		8,756	717	6,682	135	1,223	8,891	507	6,203	556	1,
55-59		6,723	461	5,297	178	787	7,018	378	4,782	712	1,
60-64		5,272	324	4,202	232	514	5,704	296	3,695	915	
65-69		4,495	254	3,539	328	374	5,133	241	2,942	1,373	
70-74		3,994	210	3,015	476	294	4,981	216	2,404	1,898	
75-79		3,071	144	2,164	578	186	4,322	189	1,582	2,236	
80-84		1,786	67	1,158	475	86	3,054	137	777	1,974	
85-89		842	23	476	311	32	1,883	95	289	1,430	
90-94		286	6	121	150	10	843	43	74	702	
95+	352	72	1	22	46	3	280	11	19	239	
0.10	0:										
0-19	81,955	41,922	41,786	132	_ 0	4	40,033	39,537	474	0	
20-64		84,773	23,914	51,399	734	8,725	83,538	15,998	53,465	2,941	11,
65+	35,044	14,546	705	10,495	2,363	984	20,498	932	8,087	9,852	1,0
									_		
20.75		85,714	23,970	52,148	788	8,809	84,583	16,049	54,105	3,166	11,3
20-65	172,212	86,615	24,021	52,861	849	8,884	85,597	16,098	54,695	3,425	11,
20-66		87,501	24,071	53,559	915	8,956	86,612	16,145	55,273	3,701	11,4
20-66 20-67	174,113		24,121	54,253	986	9,028	87,640	16,192	55,846	3,998	11,0
20-66	174,113	88,387	24,121		1,062	9,098	88,671	16,239	56,407	4,314	11,
20-66 20-67	174,113 176,027		24,169	54,939	1,002		,	,			
20-66 20-67 20-68 20-69	174,113 176,027 177,939	88,387 89,268	24,169	·						-	
20-66 20-67 20-68 20-69	174,113 176,027 177,939 33,057	88,387 89,268 13,605	24,169 649	9,746	2,310	900	19,452	881	7,446	9,627	1,4
20-66 20-67 20-68 20-69 66+	174,113 176,027 177,939 33,057 31,143	88,387 89,268 13,605 12,704	24,169 649 598	9,746 9,034	2,310 2,248	900 825	19,452 18,438	881 832	6,856	9,627 9,368	1,4 1,3
20-66 20-67 20-68 20-69 66+ 67+ 68+	174,113 176,027 177,939 33,057 31,143 29,242	88,387 89,268 13,605 12,704 11,818	24,169 649 598 548	9,746 9,034 8,335	2,310 2,248 2,182	900 825 752	19,452 18,438 17,424	881 832 785	6,856 6,279	9,627 9,368 9,092	1,4 1,3 1,3
20-66 20-67 20-68 20-69 66+ 67+ 68+ 69+	174,113 176,027 177,939 33,057 31,143 29,242 27,327	88,387 89,268 13,605 12,704 11,818 10,932	24,169 649 598 548 499	9,746 9,034 8,335 7,641	2,310 2,248 2,182 2,111	900 825 752 681	19,452 18,438 17,424 16,395	881 832 785 738	6,856 6,279 5,706	9,627 9,368 9,092 8,795	1,4 1,3 1,2 1,1
20-66 20-67 20-68 20-69 66+ 67+ 68+	174,113 176,027 177,939 33,057 31,143 29,242 27,327	88,387 89,268 13,605 12,704 11,818	24,169 649 598 548	9,746 9,034 8,335	2,310 2,248 2,182	900 825 752	19,452 18,438 17,424	881 832 785	6,856 6,279	9,627 9,368 9,092	1,4 1,3 1,3
20-66 20-67 20-68 20-69 66+ 67+ 68+ 69+	174,113 176,027 177,939 33,057 31,143 29,242 27,327 25,416	88,387 89,268 13,605 12,704 11,818 10,932	24,169 649 598 548 499	9,746 9,034 8,335 7,641	2,310 2,248 2,182 2,111	900 825 752 681	19,452 18,438 17,424 16,395 15,365	881 832 785 738	6,856 6,279 5,706	9,627 9,368 9,092 8,795	1,4 1,3 1,4 1,1

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued [In thousands]

					Sex	and marital	status				
				Male					Female	;	
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Alternative I: (Cont.) 2020:											
0-4	23,939	12,252	12,252	0	0	0	11,687	11,687	0	0	0
5-9	23,354	11,949	11,949	Õ	ŏ	Ŏ	11,405	11,405		0	ŏ
10-14	22,385	11,451	11,451	0	0	0	10,934	10,933	1	0	0
15-19		11,140	11,019	117	0	4	10,654	10,200		0	22
20-24	22,173	11,339	9,418	1,746	1	175	10,834	7,591	2,892	6	345
25-29	23,321	11,942	6,964	4,260	.4	713	11,379	5,048		23	975
30-34		11,701	4,858	5,626	10	1,207	11,148	3,323		50	1,430
35-39 40-44		11,248 10,390	3,610	6,190	18	1,429	10,754	2,351	6,641	89	1,673
45-49		10,390	2,692 2,320	6,167	34	1,497	9,962	1,633	6,446	148	1,735
50-54		10,316	2,320	6,323 6,624	66 126	1,608 1,635	9,963 10,300	1,298 1,206	6,549 6,702	262 461	1,855
55-59		11,079	1,965	7,222	240	1,653	11,189	1,163	7,058	827	1,931 2,142
60-64		10,356	1,470	7,094	389	1,404	10,752	995		1,276	2,010
65-69		8,346	888	5,905	541	1,011	9,091	663	5,042	1,738	1,648
70-74		6,161	415	4,381	670	696	7,210	385	3,406	2,140	1,280
75-79		3,815	204	2,615	646	350	4,994	258	1,829	2,138	768
30-84	5,382	2,094	86	1,330	519	159	3,288	165	818	1,883	421
35-89	3,113	1,029	30	569	362	69	2,084	91	308	1,473	211
90-94		417	8	181	201	28	1,126	40	94	890	102
95+	558	120	1	33	77	9	438	12	18	366	42
0.10	· · · · · ·	40	**		_						
0-19	91,471	46,791	46,671	117	0	4	44,680	44,226	432	0	22
20-64		98,807	35,346	51,252	888	11,321	96,281	24,608	54,436	3,142	14,095
65+	50,213	21,983	1,632	15,014	3,015	2,322	28,229	1,614	11,516	10,629	4,470
20-65	198,913	100,659	35,569	52,552	978	11,560	98,253	24 777	EE 572	2 427	14 474
20-66		100,639	35,771	53,793	1,085	11,772	100,152	24,773 24,920	55,573 56,640	3,437	14,471
20-67	206,061	104,091	35,948	54,975	1,083	11,971	100,132	25,051	57,646	3,789 4,147	14,803 15,125
20-68	209,382	105,670	36,100	56,099	1,312	12,159	101,570	25,166	58,596	4,511	15,123
20-69	212,525	107,154	36,234	57,158	1,429	12,133	105,712	25,100	59,478	4,880	15,742
	212,525	107,154	30,234	37,130	1,42)	12,555	105,571	23,211	32,476	7,000	13,742
56+	46,388	20,132	1,409	13,714	2,925	2,084	26,257	1,450	10,378	10,334	4,095
67+	42,728	18,370	1,206	12,473	2,819	1,871	24,358	1,303	9,312	9,982	3,762
68+	39,240	16,700	1,030	11,291	2,707	1,672	22,540	1,172	8,305	9,624	3,440
69+	35,919	15,121	877	10,168	2,591	1,484	20,798	1,057	7,356	9,260	3,126
70+	32,776	13,637	743	9,109	2,475	1,310	19,139	952	6,473	8,891	2,823
Takal	224 882	1/2 400	00 (10		2001						
Total	336,772	167,582	83,648	66,383	3,904	13,647	169,190	70,448	66,383	13,771	18,587
2040:											
0-4	26,618	13,624	13,624	0	0	0	12,994	12,994	0	0	0
5-9		13,312	13,312	ŏ	ŏ	ŏ	12,703	12,703	ő	ő	0
10-14	25,613	13,104	13,104	ŏ	ő	ŏ	12,509	12,508	1	ŏ	ő
15-19		13,042	12,901	137	ő	4	12,468	11,941	502	ŏ	25
20-24	25,635	13,109	10,895	2,012	1	201	12,526	8,835	3,292	ž	392
25-29	25,462	13,037	7,607	4,657	4	768	12,425	5,583	5,777	24	1,041
30-34		12,642	5,378	5,993	9	1,261	12,055	3,733	6,779	49	1,493
35-39	24,000	12,263	4,223	6,549	18	1,473	11,737	2,831	7,087	86	1,732
40-44		12,146	3,677	6,808	35	1,626	11,682	2,435	7,169	149	1,928
45-49	24,075	12,231	3,419	7,012	63	1,737	11,844	2,300	7,179	259	2,105
50-54	22,792	11,526	2,937	6,860	109	1,621	11,265	2,011	6,760	427	2,068
55-59		10,619	2,458	6,543	180	1,438	10,553	1,694	6,211	694	1,954
60-64 65-69	18,694 17,280	9,269 8,409	1,897	5,911	278	1,183	9,425	1,275	5,391	1,046	1,713
70-74		7,427	1,577 1,238	5,338 4,603	454 693	1,039 894	8,872	1,029	4,676	1,581	1,585
75-79	14,350	6,374	939	3,746	957	732	8,386 7,976	905	3,807	2,220	1,454
30-84	10,509	4,240	448	2,394	958	440	6,269	776 548	2,880 1,640	2,925 3,032	1,395 1,049
85-89	5,888	2,044	127	1,066	661	190	3,844	260	649	2,326	609
90-94	2,506	722	20	314	322	66	1,784	80	169	1,243	291
95+	769	177	2	51	107	18	592	19	24	438	112
0-19		53,083	52,942	137	0	4	50,674	50,146	502	0	25
20-64		106,843	42,491	52,345	698	11,309	103,512	30,698	55,646	2,742	14,427
65+	67,115	29,393	4,350	17,512	4,152	3,379	37,722	3,617	13,845	13,765	6,495
20.75	212 707	100 524	42.012	52.424	770		105.063	20.004	56.616	2.000	
20-65		108,534	42,812	53,434	770	11,518	105,263 106,988	30,904	56,616	3,002	14,740
20-66		110,185	43,118	54,497	849	11,721		31,099	57,557	3,284	15,048
20-67 20-68		111,845 113,553	43,426 43,749	55,556 56,627	938 1,039	11,926 12,138	108,738	31,297	58,486 59,416	3,595 3,943	15,360
20-69		115,251	44,068	57,683	1,039	12,138	110,556 112,384	31,511 31,727	60,322	4,323	15,686 16,012
20-07	221,033	110,601	 ,000	57,003	1,132	12,570	112,504	31,141	50,322	4,343	10,012
56+	63,673	27,701	4,030	16,422	4,080	3,170	35,972	3,411	12,874	13,504	6,182
67+		26,050	3,723	15,359	4,001	2,967	34,247	3,216	11,934	13,223	5,874
58+	56,886	24,390	3,415	14,300	3,912	2,762	32,496	3,018	11,005	12,912	5,562
59+		22,682	3,092	13,229	3,810	2,550	30,678	2,804	10,075	12,564	5,236
70+	49,834	20,984	2,773	12,174	3,697	2,340	28,850	2,587	9,169	12,184	4,910
T-4-1	201.224	100 212	00.700	(0.000	4.050	14 /00	101.000	04.45	CC 222	1 < =0=	
Total	381,226	189,318	99,783	69,993	4,850	14,692	191,908	84,461	69,993	16,507	20,947

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued

[In thousands]

- The state of the				thousands		and marita	status				
		-		Male					Female	•	
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Alternative I: (Cont.) 2060:											
0-4	29,819	15,264	15,264	0	0	0	14,555	14,555	0	0	0
5-9	29,433	15,062	15,062	ŏ	ŏ			14,370	ŏ	ŏ	ŏ
10-14	. 29,082	14,881	14,881	Ŏ	ŏ			14,201	ĭ	ŏ	ŏ
15-19	28,659	14,654	14,496	153	Õ	5	14,005	13,418	559	ŏ	28
20-24	28,303	14,474	12,029	2,222	i	222	13,829	9,752	3,637	7	433
25-29	28,103	14,386	8,387	5,146	5	849	13,717	6,124	6,415	25	1,153
30-34	27,890	14,269	6,085	6,749	10	1,425	13,621	4,201	7,674	54	1,691
35-39	27,663	14,126	4,890	7,514	20	1,702	13,537	3,304	8,134	95	2,004
40-44	27,234	13,876	4,200	7,778	38	1,861	13,357	2,840	8,144	163	2,211
45-49	26,186	13,307	3,663	7,701	66	1,876	12,879	2,501	7,840	270	2,268
50-54	24,611	12,450	3,215	7,418	112	1,706	12,161	2,219	7,337	441	2,165
55-59	23,116	11,603	2,855	7,076	184	1,487	11,514	2,004	6,787	715	2,008
60-64	21,921	10,875	2,593	6,709	296	1,277	11,046	1,878	6,174	1,121	1,873
65-69		10,062	2,341	6,143	474	1,103	10,576	1,806	5,325	1,668	1,776
70-74	17,577	8,334	1,797	5,008	664	865	9,242	1,506	4.008	2,184	1,543
75-79	13,910	6,270	1,204	3,631	808	626	7,640	1,142	2,642	2,582	1,273
80-84	9,578	3,945	607	2,184	778	376	5,634	720	1,420	2,587	907
85-89	6,020	2,151	245	1,076	626	205	3,869	411	633	2,221	604
90-94 95+	3,124	935	69	384	386	95	2,189	197	208	1,432	352
7JT	1,446	346	13	90	199	45	1,100	65	45	748	242
0-19	116 000	50.060	50.702	152		_	50 100	54.544			
20-64		59,860 119,365	59,703	153	0	5	57,132	56,544	560	0	28
65+			47,917	58,313	732	12,404	115,662	34,824	62,141	2,890	15,807
0JT	72,292	32,044	6,276	18,515	3,936	3,316	40,249	5,849	14,280	13,422	6,698
20-65	230 274	121,452	49 407	50 507	910	12 420	117 021	25 101	62 205	2.176	16 170
20-66	239,214	123,506	48,407 48,888	59,597	810	12,638	117,821	35,191	63,285	3,176	16,170
20-67		125,500	49,357	60,857	896 991	12,866	119,961	35,555	64,392	3,485	16,529
20-68		127,498	49,814	62,088 63,290	1,094	13,087	122,079	35,916	65,460	3,818	16,885
20-69	255,665	127,496	50,258	64,456		13,301	124,173	36,275	66,486	4,176	17,236
20 07	255,005	127,427	30,236	04,430	1,206	13,508	126,238	36,630	67,467	4,559	17,582
66+	68,046	29,956	5,786	17,231	3,858	3,082	38,090	5,482	13,137	12 126	6 224
67+		27,903	5,305	15,972	3,772	2,854	35,950	5,118	12,030	13,136	6,334
68+	59,718	25,886	4,836	14,740	3,677	2,633	33,831	4,756		12,827 12,494	5,975
69+		23,911	4,379	13,539	3,574	2,419	31,737	4,736	10,962 9,936		5,619
70+		21,982	3,935	12,372	3,462	2,212	29,673	4,042	8,955	12,136	5,268
	31,054	21,702	3,733	12,572	3,402	2,212	29,073	4,042	0,933	11,754	4,922
Total	424,312	211,269	113,896	76,981	4,668	15,725	213,043	97,217	76,981	16,313	22,532
***			•	•	•	,	,	,—		,	
2080:											
0-4	33,358	17,076	17,076	0	0	0	16,282	16,282	0	0	0
5-9		16,836	16,836	0	0	0	16,060	16,060	0	0	0
10-14		16,556	16,556	0	0	0	15,798	15,797	1	0	0
15-19	31,782	16,253	16,078	170	0	5	15,529	14,877	621	0	31
20-24	31,489	16,103	13,380	2,474	1	247	15,386	10,840	4,055	8	483
25-29	31,495	16,117	9,397	5,764	5	951	15,378	6,867	7,189	27	1,294
30-34	31,322	16,019	6,831	7,576	11	1,601	15,304	4,745	8,600	58	1,901
35-39	30,772	15,708	5,423	8,371	21	1,893	15,063	3,693	9,039	102	2,230
40-44	29,866	15,216	4,579	8,559	40	2,038	14,650	3,096	8,962	171	2,421
45-49	28,786	14,628	4,019	8,477	70	2,062	14,158	2,712	8,672	285	2,489
50-54	27,723	14,027	3,651	8,325	121	1,929	13,697	2,489	8,293	474	2,440
55-59		13,373	3,331	8,109	204	1,729	13,256	2,342	7,808	782	2,324
60-64 65-69	25,119	12,480	2,988	7,692	325	1,475	12,639	2,196	7,062	1,224	2,157
70-74	22,599	11,051	2,534	6,812	501	1,204	11,548	1,970	5,882	1,771	1,925
75-79	19,161 15,415	9,122	1,994	5,504	700	924	10,039	1,668	4,418	2,325	1,627
80-84		6,991	1,432	4,032	862	000	8,424	1,362	2,965	2,772	1,326
85-89	11,466	4,758	863	2,582	886-		6,708	1,070	1,707	2,917	1,014
90-94	7,511	2,723	401	1,345	737	240	4,788	750	800	2,528	710
95+	3,726 1,586	1,144 391	117 20	482	439	107	2,582	356	258	1,563	405
70.	1,500	391	20	111	213	47	1,195	111	52	777	254
0-19	130,389	66,720	66,545	170	0	5	62 660	62.015	622	^	21
20-64	263,201	133,671	53,600	65,346	799	13,926	63,669	63,015	622	2 122	31
65+	81,466	36,182	7,361	20,868			129,531	38,980	69,681	3,132	17,738
	01,400	30,102	7,501	20,808	4,338	3,615	45,284	7,288	16,081	14,653	7,261
20-65	267,963	136,017	54,147	66,797	884	14,189	131,946	39,395	70.066	2 440	10 144
20-66	272,611	138,299	54,675	68,207	976	14,169	134,312		70,966	3,440	18,144
20-67	277,137	140,513	55,182	69,572	1,076			39,800	72,199	3,771	18,541
20-68	281,536	142,655	55,669	70,891	1,184	14,682 14,912	136,625 138,881	40,195	73,378	4,125	18,927
20-69	285,801	144,722	56,134	72,159	1,300	15,130	141,078	40,578	74,500 75,564	4,503	19,300
		, <i>r</i>	50,157	1 2, 137	1,500	13,130	171,070	40,949	75,564	4,903	19,662
66+	76,704	33,836	6,813	19,418	4,253	3,352	42,868	6,873	14,797	14,344	6,854
67+	72,057	31,554	6,285	18,008	4,161	3,099	40,502	6,468	13,563	14,344	6,458
68+	67,530	29,340	5,778	16,642	4,061	2,859	38,190	6,073	12,385	13,659	6,072
69+	63,131	27,198	5,291	15,324	3,953	2,629	35,933	5,690	11,263	13,282	5,698
70+	58,867	25,130	4,826	14,056	3,837	2,411	33,736	5,319	10,199	12,882	5,336
m					• • •		,	- ,	,.,,	- 24002	0,000
Total	475,056	236,573	127,505	86,385	5,137	17,546	238,483	109,284	86,385	17,785	25,030
											,

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued [In thousands]

					Sex	and marital s	tatus				
	T-4-1	Total	Cinala	Male	Widowad	Divorced	Total	Single	Female Married	Widowed	Divorced
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	1 Otal	Suigie	Mairieu	Widowed	Divolecta
native II: 990):											
990: 0-4	19,824	10,147	10,147	0	0	0	9,677	9,677	0	0	(
5-9		9,767	9,767	Ō	Ó	0	9,318	9,318	0	Ō	Ç
10-14	17 /70	9,047	9,047	0	0	0	8,625	8,624	1	0	(
15-19	40.000	9,241	9,089	146	1	5	8,824	8,327	477	4	10
20-24		9,914	7,695	2,061	5	153	9,559	6,013	3,243	16	288
25-29		11,500	5,464	5,419	5	612	11,079	3,402	6,737	38	90%
30-34	22,999	11,704	3,274	7,409	22	999	11,295	1,977	8,004	78	1,230
35-39	20,714	10,468	1,810	7,477	38	1,143	10,246	1,084	7,676	135	1,35
40-44	17,996	9,020	887	6,940	54	1,139	8,975	592	6,709		1,40
45-49		7,130	566	5,612	80	872	7,193	418	5,356	322	1,09
50-54	11,842	5,846	412	4,661	114	659	5,996	324		403	84
55-59		5,332	342	4,320	150	520	5,628	269	3,948	770	64 53
60-64		5,234	310	4,259	232	433	5,813	255	3,817 3,177	1,206 1,723	39
65-69		4,701	260	3,766	373	303	5,542	245		1,723	24
70-74		3,526	181	2,749	418	178	4,591	214 204		2,097	13
75-79		2,430	113	1,788	441	88	3,703		1,268 595	1,765	
80-84		1,377	59	942	338	38	2,585	157		1,110	3
85-89		624	26	348		16	1,506	91 39	266 81	511	i
90-94		212	8	83		5	648	39 12		179	
95+	267	56	2	12	41	1	210	12	14	179	
0-19	74,646	38,202	38,050	146	1	5	36,444	35,947	477	4	1
20-64		76,148	20,760			6,530	75,787	14,334	49,916	3,240	8,29
65+	'	12,926	649	9,687			18,785	961	7,598	9,316	91
V2 (. 51,711	,,0	017	2,007	-,, 00		,				
20-65	154,089	77,148	20,817	48,966	763	6,603	76,941	14,385	50,618	3,549	8,38
20-66		78,111	20,870				78,066	14,434	51,278	3,881	8,47
20-67		79,053	20,922				79,177	14,484	51,912	4,229	8,55
20-68		79,976	20,973	51,228			80,273	14,532	52,522	4,593	8,62
20-69		80,850	21,019				81,328	14,579	53,093	4,963	8,69
20-07	,	00,000	,								_
66+	. 29,557	11,927	593	8,879			17,630	910		9,008	
67+		10,964	539	8,106			16,505	861			
68+		10,022	487	7,353	1,749		15,394	812		8,327	
69+		9,099	437	6,616			14,298	763		7,963	
70+		8,225	390	5,922	1,587	327	13,243	716	4,421	7,593	5
Total	. 258,292	127,276	59,459	57,991	2,661	7,165	131,015	51,242	57,991	12,561	9,22
995:											
0-4	. 20,477	10,479	10,479	0) (0	9,999	9,999	0) ()
5-9		10,269) (0	9,800	9,800) 0) ()
10-14		9,881	9,881) (0	9,432	9,431	. 1		
15-19		9,163			. 0	3	8,751	8,243	488		
20-24		9,432				169	9,016	5,433	3,262		
25-29		10,162					9,799	3,184	5,810	38	: 7
30-34		11,619				1,075	11,246	2,088	3 7,786	86	
35-39		11,684				1,259	11,373	1,476			
40-44		10,389				1,278	10,262	915			
45-49		8,899		6,835	5 83	1,203	8,947	534			
50-54		6,962		5,493	3 116	842	7,128	394			
55-59		5,611			160		5,885				
60-64		4,982			3 220		5,435	255			
65-69	40.404	4,708					5,483	237			
70-74		3,991				248	5,047				
75-79		2,733		1,976	5 495	136	3,953				
80-84					425	5 59	2,885				
85-89						3 22	1,714				
90-94	1 016				1 12:		763				
95+		65				2 2	252	: 11	21	210)
0-19		39,792	39,650	5 13:	2 () 3	37,982				
20-64						7,456					
65+						5 836	20,097	944	4 8,144	9,73	2 1,2
	,	.,							,	3 3 3 3 3	, ,,
20-65							80,201				
20-66	163,013										
20-67	165,065										
20-68	167,058	83,558									
20-69	* 169,024	84,449									
66+											
	30,024									'	
67+					, 200	6 606	16,771	. XIII	0.14	, 5.50	
	27,972										
67+	27,972 25,979	10,290	0 47.	5 7,34	4 1,93	2 539	15,690	75	3 5,530	6 8,54	1 8
67+ 68+	27,972 25,979	10,290	0 47.	5 7,34	4 1,93	2 539	15,690	75	3 5,530	6 8,54	1 8
67+ 68+ 69+	27,972 25,979 24,013	10,290	0 47: 9 42:	5 7,34 6 6,64	4 1,93 6 1,85	2 539 2 475	15,690 14,614	75:	3 5,536 7 4,949	6 8,54 9 8,19	1 8

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued

					Sex	and marital	status				
Alternative, year, and age group	Total	Total	Single	Male	W:11	D: :			Female		
ernative II: (Cont.)	10(4)	10141	Shigle	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
2000:											
0-4	19,387	9,922	9,922	0	0	0	9,465	9,465	0		0
5-9	20,745	10,612	10,612	Ō	ŏ	ŏ	10,133	10,133	0	0	0
10-14		10,395	10,395	0	Ō	ŏ	9,925	9,924	1	ő	0
15-19		10,010	9,859	147	Ō	4	9,570	9,025	523	ŏ	22
20-24	18,335	9,375	7,250	1,962	1	162	8,960	5,481	3,170	8	301
25-29		9,706	4,582	4,523	5	596	9,281	2,851	5,632	36	762
30-34		10,310	3,174	6,151	13	973	9,993	1,906	6,918	82	1,087
35-39		11,599	2,744	7,561	27	1,267	11,342	1,544	8,135	156	1,507
40-44		11,582	2,038	8,093	53	1,398	11,399	1,242	8,185	243	1,729
45-49		10,246	1,312	7,524	85	1,324	10,239	822	7,352	355	1,709
50-54 55-59		8,695 6,700	705 457	6,715	127	1,147	8,872	503	6,233	559	1,576
60-64		5,275	324	5,328 4,235	169	747	7,005	375	4,807	700	1,122
65-69		4,516	256	3,579	221	495	5,697	293	3,724	893	787
70-74		4,031	212	3,065	316 463	366	5,138	239	2,979	1,347	573
75-79	7,490	3,120	147	2,219	568	292	5,006	215	2,452	1,876	463
80-84		1,836	70	1,205	473	186	4,370	189	1,631	2,231	318
85-89	2,836	882	25	506	318	88	3,118	140	814	1,995	170
90-94	1,201	307	6	133	158	33 11	1,953 894	99	308	1,474	72 26
95+	387	80	1	25	51	3	894 307	46 12	81 21	741 261	26 12
		40 ===				3	307	12	21	201	12
0-19	80,032	40,939	40,788	147	0	4	39,093	38,547	523	0	22
20-64		83,488	22,586	52,091	702	8,108	82,786	15,017	54,157	3,033	10,579
65+	35,559	14,774	717	10,731	2,347	978	20,786	939	8,288	9,925	1,633
20-65	168,264	84.432	22,642	52,847	754	9 100	02 021	16.000	E 4 00 4	2 252	10 305
20-66		85,336	22,693	53,567	813	8,190 8,264	83,831 84,846	15,068	54,804	3,253	10,707
20-67		86,227	22,744	54,273	876	8,335	85,861	15,116	55,401 55,986	3,506	10,822
20-68		87,118	22,793	54,975	945	8,405	86,891	15,163 15,210	56,567	3,777 4,069	10,934
20-69		88,004	22,842	55,670	1,018	8,474	87,924	15,210	57,136	4,380	11,045 11,152
				·	.,	0,171	01,521	15,250	37,130	4,500	11,152
66+	33,570	13,829	662	9,975	2,296	897	19,740	888	7,641	9,705	1,506
67+	31,652	12,925	610	9,255	2,237	823	18,726	840	7,044	9,451	1,390
68+	29,746	12,034	560	8,549	2,173	752	17,711	793	6,459	9,181	1,278
69+	27,825	11,143	510	7,847	2,105	682	16,681	747	5,878	8,889	1,168
70+	25,905	10,257	461	7,152	2,031	613	15,648	701	5,309	8,578	1,061
Total	281,865	139,201	64,092	62,969	3,050	9,091	142,665	54,503	62,969	12,958	12,235
20.							•				,
)20: 0.4	19,725	10.007	10.007			_					
0-4 5-9	19,725	10,097 10,149	10,097	0	0	0	9,629	9,629	0	0	0
10-14	19,666	10,149	10,149 10.061	0	0	0	9,686	9,686	0	0	0
15-19	19,729	10,081	9,932	150	0	0	9,605	9,604	1	0	0
20-24	20,611	10,534	8,136	150	0	4	9,643	9,067	551	0	24
25-29	22,230	11,360	5,409	2,210 5,244	1	187	10,077	6,102	3,616	8	351
30-34	21,925	11,188	3,428	6,668	5	702	10,870	3,487	6,449	31	904
35-39	21,074	10,716	2,459	7,064	10 19	1,081 1,174	10,737	2,080	7,377	67	1,213
40-44	19,447	9,854	1,846	6,815	33	1,161	10,358 9,593	1,441 1,028	7,467 7,057	113 173	1,336 1,335
45-49	19,429	9,792	1,688	6,835	59	1,209	9,593	892	7,050	285	1,409
50-54	20,064	9,998	1,617	7,073	110	1,198	10,066	939	7,165	476	1,409
55-59	21,882	10,804	1,692	7,689	208	1,214	11,078	1,016	7,513	827	1,722
60-64	21,003	10,262	1,343	7,534	336	1,049	10,740	931	6,870	1,241	1,698
65-69	17,570	8,415	851	6,300	476	788	9.155	643	5,381	1,664	1,467
70-74	13,684	6,341	416	4,735	609	582	7,343	383	3,700	2,060	1,199
75-79	9,212	4,038	214	2,904	607	313	5,174	263	2,058	2,101	753
80-84	5,831	2,318	98	1,548	516	157	3,512	173	975	1,926	437
85-89	3,561	1,219	38	713	392	76	2,342	101	399	1,607	236
90-94	1,913	544	11	254	244	35	1,369	49	135	1,063	123
95+	805	185	2	55	115	13	620	17	29	517	57
0-19	78,955	40,393	40.220	150	^		20.555	35.00-		_	
20-64	78,955 187,665		40,239	150	782	4	38,562	37,986	552	0	24
65+	52,576	94,509 23,060	27,618 1,629	57,133 16,500	782	8,976	93,156	17,916	60,564	3,222	11,455
	22,370	23,000	1,029	16,509	2,958	1,964	29,516	1,630	12,677	10,937	4,272
20-65	191,499	96,363	27,829	58,516	861	9,158	95,136	18,074	61,772	3,507	11,783
20-66	195,178	98,134	28,021	59,838	954	9,321	97,044	18,216	62,910	3,842	12,076
20-67	198,693	99,818	28,190	61,099	1,052	9,477	98,875	18,343	63,985	4,184	12,363
20-68		101,416	28,338	62,300	1,154	9,625	100,633	18,455	65,000	4,532	12,646
20-69	205,235	102,924	28,469	63,433	1,258	9,764	102,311	18,559	65,945	4,885	12,921
66+	48,742	21,206	1,418	15,127	2,879	1 792	27 524	1 470	11 440	10.652	2.044
	45,063	19,435	1,226	13,805	2,786	1,782 1,619	27,536 25,628	1,472 1,330	11,468	10,652	3,944 3,651
67+			1,057	12,544	2,688	1,463	23,028	1,203	10,330 9,256	10,316 9,975	3,651 3,364
67+	41,548	17,731					43.171				1 104
67+	38,192	17,751 16,153	909								
67+ 68+				11,343 10,209	2,586	1,315	22,039	1,090	8,241	9,627	3,081
67+	38,192	16,153	909	11,343							

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued
[In thousands]

				14-1		and marital s			Female		
Alternative year and age group	Total	Total	Single	Male Married	Widowed	Divorced	Total	Single		Widowed	Divorce
Alternative, year, and age group native II: (Cont.)	10141	Total	Single	Married	W Ido W Cd	Divolece					
40:											
0-4	. 19,539	10,002	10,002	0	0	0	9,537	9,537	0	0	
5-9		10,077	10,077	ŏ	ŏ	ŏ	9,616	9,616	ŏ	Õ	
10-14		10,230	10,230	ŏ	ŏ	ŏ	9,765	9,764	ĭ	Ō	
					ŏ	4	10,003	9,412	567	ŏ	
15-19	. 20,470	10,467	10,307	156		-				-	
20-24	. 20,962	10,717	8,287	2,240	1	189	10,245	6,258	3,628	7	:
25-29		10,917	5,175	5,065	4	673	10,432	3,313	6,227	29	
30-34	. 21,306	10,879	3,354	6,463	9	1,053	10,427	1,931	7,265	62	1,
35-39	. 21,251	10,813	2,524	7,074	18	1,197	10,438	1,358	7,642	108	1,
40-44		10,999	2,180	7,453	34	1,332	10,706	1,149	7,874	178	1,
45-49		11,422	2,059	7,848	62	1,453	11,219	1,138	8,088	296	1.
50-54		10,909	1,767	7,714	104	1,324	10,823	1,043	7,664	460	1.
55-59		10,118	1,515	7,323	169	1,111	10,189	936	7,023	714	1.
60-64		8,905	1,225	6,572	253	856	9,145	758	6,074	1,039	1,
		8,226	1,123	5,963	413	726	8,724	694	5,313	1,552	i,
65-69			992		639	629	8,453	708	4,441	2,200	î.
70-74		7,508		5,248				705		2,973	1.
75-79		6,788	865	4,456	916	552	8,343		3,508		
80-84		4,859	474	3,033	978	374	6,882	559	2,137	3,214	
85-89	7,111	2,591	160	1,493	748	190	4,521	295	937	2,648	
90-94	3,380	1,050	31	512	426	82	2,330	104	283	1,590	
95+	1,295	330	4	109	188	29	965	31	51	716	
0-10	79,697	40 774	AD 616	154	0	4	38,921	38,329	568	0	
0-19 20-64	/9,69/ 189,304	40,776 95,679	40,616 28,084	156 57,752	656	9,188	93,625	17,884	61,485	2,894	11,
65+		31,351	3,649		4,307	2,582	40,218	3,096	16,669		5,
		,551	5,077	-5,0.1	1,001						
20-65		97,316	28,300	58,962	721	9,334	95,332	18,013	62,579		11,
20-66		98,920	28,510	60,143	792	9,475	97,019	18,138	63,641	3,424	11,
20-67	199,281	100,542	28,728	61,324	873	9,618	98,738	18,271	64,695		12,
20-68		102,223	28,966		966	9,766	100,534	18,421	65,757	4,071	12,
20-69		103,905	29,206		1,070	9,914	102,349	18,577	66,797		12,
			-					*			
66+		29,715	3,433	19,604	4,242	2,435	38,511	2,967	15,575		5,
67+		28,110	3,222		4,171	2,294	36,824	2,841	14,513		5,
68+	61,593	26,488	3,004	17,242	4,090	2,152	35,104	2,709	13,459	14,057	4,
69+	58,116	24,807	2,767	16,040	3,997	2,003	33,309	2,559	12,397	13,715	4,
70+		23,125	2,526	14,851	3,894	1,855	31,494	2,403	11,357	13,340	4,
Total	340,571	167,807	72,349	78,722	4,963	11,773	172,764	59,309	78,722	17,786	16,
060:											
0-4	19,652	10,060	10,060	0	0	0	9,592	9,592	0	0	
5-9		10,213	10,213	Ō	Ō		9,744	9,744	0	. 0	
10-14		10,363	10,363		ŏ		9,890	9,889	1	0	
15-19		10,481	10,321	155	ŏ		10,014	9,425	564	0	
					ĭ		10,158	6,196			
20-24		10,630	8,220		_			3,261	6,221	27	
25-29		10,857	5,147		4		10,367	1,949	7,392		
30-34		11,057	3,429		.9		10,592				
35-39		11,197	2,640		17		10,802	1,435			i
40-44		11,195	2,215		32		10,882	1,197	7,979		
45-49		11,028	1,941		56		10,802	1,054			1
50-54	21,201	10,659	1,739	7,533	95		10,542	951			
55-59		10,275	1,583		160		10,303	876			_
60-64		10,027	1,492	7,258	267	1,010	10,243	852			
65-69		9,754	1,419		450	910	10,237	892			
70-74		8,421	1,126		649		9,233	801			
75-79	14,540	6,654	811		813		7,886	670			
80-84		4,529	467		829		6,122	478			
	= 0=0		239		746		4,583	333			
85-89		2,791	93				2,970	210			
90-94		1,441 748			548 414		2,026	111			
95+	2,113	7-70	2,9	231							
0.10		41,117	40,957		0		39,240	38,650			
0-19	191,616	96,924			641		94,691	17,772			
20-64		34,337	4,185	22,824	4,448	2,881	43,057	3,494	18,225	15,536	5 5
				59,932	714	9,563	96,743	17,945	64,013	3,066	11
20-64	77,394	09.004	20 404				98,795	18,121			
20-64	77,394 195,647	98,904					10,173	10,141	00,00		
20-64	77,394 195,647 199,668	100,873	28,983	61,347			100 845	18 200	66 565	1 100	
20-64	77,394 195,647 199,668 203,673	100,873 102,828	28,983 29,267	61,347 62,745	884	9,931	100,845	18,299			
20-64 65+ 20-65 20-66 20-67 20-68	77,394 195,647 199,668 203,673 207,656	100,873 102,828 104,765	28,983 29,267 29,548	61,347 62,745 64,124	884 983	9,931 10,110	102,891	18,480	67,791	4,046	12
20-64	77,394 195,647 199,668 203,673 207,656	100,873 102,828	28,983 29,267 29,548	61,347 62,745 64,124	884 983	9,931 10,110			67,791 68,978	4,046 4,428	12
20-64	77,394 195,647 199,668 203,653 207,656 211,607 73,363	100,873 102,828 104,765 106,678	28,983 29,267 29,548 29,825	61,347 62,745 64,124 65,479 21,397	884 983 1,091 4,375	9,931 10,110 10,283 2,691	102,891 104,929 41,005	18,480 18,664 3,321	67,791 68,978 16,907	4,046 4,428 7 15,261	12 12
20-64 65+	77,394 195,647 199,668 203,673 207,656 211,607 73,363	100,873 102,828 104,765 106,678	28,983 29,267 29,548 29,825	61,347 62,745 64,124 65,479 21,397	884 983 1,091 4,375	9,931 10,110 10,283 2,691	102,891 104,929 41,005 38,953	18,480 18,664 3,321 3,146	67,791 68,978 16,907 15,616	4,046 4,428 7 15,261 6 14,961	12 12 5 5
20-64 65+ 20-65 20-66 20-67 20-68 20-69	77,394 195,647 199,668 203,673 207,657 211,607 73,363 69,342	100,873 102,828 104,765 106,678 32,357 30,389	28,983 29,267 29,548 29,825 3,894 3,607	61,347 62,745 64,124 65,479 21,397 19,983	884 983 1,091 4,375 4,294	9,931 10,110 10,283 2,691 2,505	102,891 104,929 41,005 38,953	18,480 18,664 3,321	67,791 68,978 16,907 15,616	4,046 4,428 7 15,261 6 14,961	12 12 5 5
20-64 65+ 20-65 20-66 20-67 20-69 66+ 67+ 68+	77,394 195,647 199,668 203,673 207,656 211,607 73,363 69,342 65,337	100,873 102,828 104,765 106,678 32,357 30,389 28,434	28,983 29,267 29,548 29,825 3,894 3,607 3,323	61,347 62,745 64,124 65,479 21,397 7 19,983 18,584	884 983 1,091 4,375 4,294 4,205	9,931 10,110 10,283 2,691 2,505 2,322	102,891 104,929 41,005 38,953 36,903	18,480 18,664 3,321 3,146 2,968	67,791 68,978 16,907 15,616 14,355	4,046 4,428 7 15,261 6 14,961 5 14,635	12 12 5 5 4
20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+ 69+	77,394 195,647 199,668 203,673 207,656 211,607 73,363 69,342 65,337 61,354	100,873 102,828 104,765 106,678 32,357 30,389 28,434 26,497	28,983 29,267 29,548 29,825 3,894 3,607 3,323 3,042	61,347 62,745 64,124 65,479 121,397 719,983 18,584 217,205	884 983 1,091 4,375 4,294 4,205 4,106	9,931 10,110 10,283 2,691 2,505 2,322 2,144	102,891 104,929 41,005 38,953 36,903 34,857	18,480 18,664 3,321 3,146 2,968 2,787	67,791 68,978 16,907 5 15,616 14,355 7 13,128	4,046 4,428 7 15,261 6 14,961 6 14,635 8 14,281	12 12 5 5 4 4
20-64 65+ 20-65 20-66 20-67 20-69 66+ 67+ 68+	77,394 195,647 199,668 203,673 207,656 211,607 73,363 69,342 65,337 61,354	100,873 102,828 104,765 106,678 32,357 30,389 28,434	28,983 29,267 29,548 29,825 3,894 3,607 3,323 3,042	61,347 62,745 64,124 65,479 21,397 7 19,983 8 18,584 2 17,205	884 983 1,091 4,375 4,294 4,205 4,106	9,931 10,110 10,283 2,691 2,505 2,322 2,144	102,891 104,929 41,005 38,953 36,903	18,480 18,664 3,321 3,146 2,968	67,791 68,978 16,907 5 15,616 14,355 7 13,128	4,046 4,428 7 15,261 6 14,961 6 14,635 8 14,281	12 12 5 5 4 4

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued [In thousands]

					Sex	and marital	status				
Altomotive year and are many	Total	Total	Cin ala	Male	337'1 1	D: 1	7 0 . 1	0: 1	Female		<u> </u>
Alternative, year, and age group	Total	1 0141	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
080:											
0-4	19,825	10,149	10,149	0	0	0	9,676	9,676	0	0	Q
5-9 10-14	20,090 20,298	10,282 10,387	10,282 10,387	0	0	0	9,808	9,808 9,910	0	0	(
15-19		10,387	10,330	155	0	4	9,911 10,020	9,429	1 566	0	24
20-24		10,695	8,269	2,236	1	189	10,020	6,223	3,634	7	353
25-29		10,999	5,220	5,098	4	679	10,499	3,305	6,298	26	869
30-34	21,922	11,200	3,476	6,629	8	1,086	10,722	1,985	7,472	58	1,200
35-39		11,226	2,640	7,322	16	1,247	10,820	1,440	7,892	101	1,387
40-44		11,130	2,197	7,555	30	1,348	10,805	1,176	7,948	160	1,520
45-49	21,743	10,993	1,940	7,613	52	1,389	10,750	1,028	7,875	250	1,59
50-54		10,864	1,798	7,649	90	1,327	10,722	963	7,757	397	1,60
55-59 60-64		10,692	1,679	7,650	154 2 5 2	1,210	10,686	932	7,551	641	1,562 1,476
65-69		10,302 9,570	1,538 1,363	7,465 6,913	406	1,047 889	10,466 9,955	894 835	7,091 6,252	1,005 1,501	1,47
70-74	17,543	8,423	1,140	5,951	604	728	9,120	743	5,073	2,085	1,21
75-79	15,153	7,006	891	4,738	802	575	8,147	642	3,757	2,682	1,06
80-84	12,464	5,384	616	3,415	929	424	7.080	555	2,475	3,141	910
85-89		3,640	351	2,094	910	286	5,709	458	1,377	3,141	73:
90-94	5,467	1,871	131	925	663	152	3,596	268	545	2,309	47:
95+		934	37	313	492	92	2,354	130	156	1,677	39
0-19	80,722	41,307	41,147	155	. 0	4	39,416	38,824	567	0	24
20-64		98,102	28,757	59,218	606	9,521	95,685	17,947	63,520	2,645	11,573
65+		36,828	4,529	24,349	4,806	3,144	45,961	3,631	19,635	16,534	6,160
20-65	197,813	100,086	29,044	60,658	673	9,712	97,726	18,120	64,849	2,902	11,850
20-66		102,040	29,325	62,073	747	9,896	99,746	18,290	66,143	3,179	12.13
20-67		103,958	29,598	63,459	828	10,074	101,740	18,457	67,396	3,478	12,40
20-68		105,837	29,863	64,813	916	10,245	103,706	18,621	68,607	3,800	12,67
20-69		107,672	30,119	66,131	1,013	10,410	105,640	18,782	69,772	4,146	12,939
661	78,764	34,844	4,241	22,909	4,739	2,954	43,920	3,459	18,306	16,278	5,87
66+ 67+		32,890	3,961	21,494	4,739	2,934	41,901	3,439	17,012	16,001	5,599
68+		30,972	3,688	20,108	4,584	2,770	39,906	3,121	15,759	15,701	5,325
69+		29,093	3,423	18,754	4,496	2,421	37,941	2,957	14,548	15,379	5,056
70+		27,258	3,166	17,436	4,399	2,256	36,007	2,796	13,383	15,034	4.794
Total	357,299	176,237	74,433	83,722	5,412	12,670	181,062	60,403	83,722	19,180	17,757
native III:											
990:				_	_	_					
0-4		10,147	10,147	0	0	0	9,677	9,677	0	0	Ç
5-9		9,767	9,767	0	0	0	9,318	9,318	0	0	(
10-14		9,047	9,047	0	0	0	8,625	8,624	1 477	0	(
15-19 20-24	18,065 19,473	9,241	9,089	146	1	153	8,824	8,327	477	4	16 288
25-29	19,473	9,914 11,500	7,695 5,464	2,061 5,419	5 5	153	9,559	6,013 3,402	3,243 6,737	16 38	286 902
30-34	22,999	11,704	3,274	7,409	22	612 999	11,079 11,295	1,977	8,004	78	1,236
35-39	20,714	10,468	1,810	7,477	38	1,143	10,246	1,084	7,676	135	1,35
40-44	17,996	9,020	887	6,940	54	1,139	8,975	592	6,709	273	1,40
45-49		7,130	566	5,612	80	872	7,193	418	5,356	322	1,09
50-54	11,842	5,846	412	4,661	114	659	5,996	324	4,426	403	844
55-59	10,960	5,332	342	4,320	150	520	5,628	269	3,948	770	64(
60-64		5,234	310	4,259	232	433	5,813	255	3,817	1,206	530
65-69		4,701	260	3,766	373	303	5,542	245	3,177	1,723	397
70-74	8,117	3,526	181	2,749	418	178	4,591	214	2,197	1,931	249
75-79		2,430	113	1,788	441	88	3,703	204	1,268	2,097	134
80-84		1,377	59	942	338	38	2,585	157	595	1,765	6
05 00	3,962					16	1,506	91	266	1,110	31
85-89	2,130	624	26	348	235		C 40			511	1
85-89 90-94	2,130 859	212	8	83	114	5	648 210	39 12	81 14		
85-89	2,130 859 267	212 56	8 2	83 12			648 210	12	14	179	
85-89 90-94 95+	2,130 859 267	212 56 38,202	8 2 38,050	83 12 146	114 41 1	5 1 5	210 36,444	12 35,947	14 477	179	16
85-89 90-94 95+ 0-19 20-64	2,130 859 267 74,646 151,935	212 56 38,202 76,148	38,050 20,760	83 12 146 48,157	114 41 1 701	5 1 5 6,530	210 36,444 75,787	35,947 14,334	14 477 49,916	179 4 3,240	10 8,290
85-89 90-94 95+	2,130 859 267 74,646 151,935	212 56 38,202	8 2 38,050	83 12 146	114 41 1	5 1 5	210 36,444	12 35,947	14 477	179	10 8,29
85-89 90-94 95+ 0-19 20-64 65+ 20-65	2,130 859 267 74,646 151,935 31,711 154,089	212 56 38,202 76,148 12,926 77,148	38,050 20,760 649 20,817	83 12 146 48,157 9,687 48,966	114 41 1 701	5 1 5 6,530	210 36,444 75,787	35,947 14,334 961 14,385	14 477 49,916	179 4 3,240	10 8,29 910
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66	2,130 859 267 74,646 151,935 31,711 154,089 156,177	212 56 38,202 76,148 12,926 77,148 78,111	38,050 20,760 649 20,817 20,870	83 12 146 48,157 9,687 48,966 49,738	114 41 701 1,960 763 835	5 6,530 630 6,603 6,667	210 36,444 75,787 18,785 76,941 78,066	35,947 14,334 961 14,385 14,434	477 49,916 7,598	179 4 3,240 9,316	16 8,296 916 8,388
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66	2,130 859 267 74,646 151,935 31,711 154,089 156,177 158,229	212 56 38,202 76,148 12,926 77,148 78,111 79,053	38,050 20,760 649 20,817 20,870 20,922	83 12 146 48,157 9,687 48,966 49,738 50,492	114 41 701 1,960 763 835 912	5 6,530 630 6,603 6,667 6,726	210 36,444 75,787 18,785 76,941 78,066 79,177	35,947 14,334 961 14,385 14,434 14,484	477 49,916 7,598 50,618	179 4 3,240 9,316 3,549	8,296 916 8,388 8,472
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68	2,130 859 74,646 151,935 31,711 154,089 156,177 158,229 160,249	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976	8 2 38,050 20,760 649 20,817 20,870 20,922 20,973	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228	114 41 701 1,960 763 835 912 992	5 6,530 630 6,603 6,667 6,726 6,783	36,444 75,787 18,785 76,941 78,066 79,177 80,273	12 35,947 14,334 961 14,385 14,434 14,484 14,532	14 477 49,916 7,598 50,618 51,278 51,912 52,522	179 4 3,240 9,316 3,549 3,881 4,229 4,593	8,29 910 8,38 8,477 8,55 8,62
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67	2,130 859 74,646 151,935 31,711 154,089 156,177 158,229 160,249	212 56 38,202 76,148 12,926 77,148 78,111 79,053	38,050 20,760 649 20,817 20,870 20,922	83 12 146 48,157 9,687 48,966 49,738 50,492	114 41 701 1,960 763 835 912	5 6,530 630 6,603 6,667 6,726	210 36,444 75,787 18,785 76,941 78,066 79,177	35,947 14,334 961 14,385 14,434 14,484	477 49,916 7,598 50,618 51,278 51,912	179 4 3,240 9,316 3,549 3,881 4,229	8,296 910 8,388 8,477 8,55 8,625
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	2,130 859 267 74,646 151,935 31,711 154,089 156,177 158,229 160,249 162,178 29,557	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927	38,050 20,760 649 20,817 20,870 20,922 20,973 21,019 593	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879	114 41 701 1,960 763 835 912 992 1,074	5 6,530 630 6,663 6,667 6,726 6,783 6,833	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630	12 35,947 14,334 961 14,385 14,434 14,484 14,532 14,579	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895	179 4 3,240 9,316 3,549 3,881 4,229 4,593	8,296 910 8,388 8,472 8,551 8,625 8,693
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	2,130 859 74,646 151,935 31,711 154,089 156,177 158,229 160,249 160,249 162,178	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927 10,964	8 2 38,050 20,760 649 20,817 20,972 20,973 21,019 593 539	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879 8,106	114 41 701 1,960 763 835 912 992 1,074 1,898 1,826	5 6,530 630 6,663 6,667 6,726 6,783 6,833 557 493	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630 16,505	12 35,947 14,334 961 14,385 14,434 14,484 14,532 14,579 910 861	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895 6,236	179 4 3,240 9,316 3,549 3,881 4,229 4,593 4,963 9,008 8,676	8,388 8,472 8,551 8,625 8,693
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+	2,130 859 74,646 151,935 31,711 154,089 156,177 158,229 160,249 162,178 27,469 27,469	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927 10,964 10,022	8 2 38,050 20,760 649 20,817 20,972 20,973 21,019 593 539 487	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879 8,106 7,353	114 41 701 1,960 763 835 912 992 1,074 1,898 1,826 1,749	5 6,530 630 6,603 6,667 6,726 6,783 6,833 557 493 434	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630 16,505 15,394	12 35,947 14,334 961 14,385 14,434 14,434 14,532 14,579 910 861 812	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895 6,236 5,601	179 4 3,240 9,316 3,549 3,881 4,229 4,593 4,963 9,008 8,676 8,327	66 8,296 910 8,388 8,472 8,551 8,625 8,693 817 733 654
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+ 69+	2,130 859 267 74,646 151,935 31,711 154,089 156,177 158,229 160,249 162,178 29,557 27,469 27,469	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927 10,964 10,022 9,099	8 2 38,050 20,760 649 20,817 20,870 20,922 20,973 21,019 593 539 487 437	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879 8,106 7,353 6,616	114 41 701 1,960 763 835 912 992 1,074 1,898 1,826 1,749	5 6,530 630 6,663 6,667 6,726 6,783 6,833 557 493 434 378	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630 16,505 15,394 14,298	12 35,947 14,334 961 14,385 14,434 14,484 14,532 14,579 910 861 812 763	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895 6,236 5,601 4,991	179 4 3,240 9,316 3,549 3,881 4,229 4,593 4,963 9,008 8,676 8,327 7,963	66 8,296 910 8,388 8,472 8,551 8,625 8,693 817 733 654 580
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+	2,130 859 267 74,646 151,935 31,711 154,089 156,177 158,229 160,249 162,178 29,557 27,469 25,417 25,417	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927 10,964 10,022	8 2 38,050 20,760 649 20,817 20,972 20,973 21,019 593 539 487	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879 8,106 7,353	114 41 701 1,960 763 835 912 992 1,074 1,898 1,826 1,749	5 6,530 630 6,603 6,667 6,726 6,783 6,833 557 493 434	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630 16,505 15,394	12 35,947 14,334 961 14,385 14,434 14,434 14,532 14,579 910 861 812	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895 6,236 5,601	179 4 3,240 9,316 3,549 3,881 4,229 4,593 4,963 9,008 8,676 8,327	66 8,296 910 8,388 8,472 8,551 8,625 8,693
85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+ 69+	2,130 859 267 74,646 151,935 31,711 154,089 156,177 158,229 160,249 162,178 29,557 27,469 25,417 23,397 21,468	212 56 38,202 76,148 12,926 77,148 78,111 79,053 79,976 80,850 11,927 10,964 10,022 9,099	8 2 38,050 20,760 649 20,817 20,870 20,922 20,973 21,019 593 539 487 437	83 12 146 48,157 9,687 48,966 49,738 50,492 51,228 51,923 8,879 8,106 7,353 6,616	114 41 701 1,960 763 835 912 992 1,074 1,898 1,826 1,749	5 6,530 630 6,663 6,667 6,726 6,783 6,833 557 493 434 378	210 36,444 75,787 18,785 76,941 78,066 79,177 80,273 81,328 17,630 16,505 15,394 14,298	12 35,947 14,334 961 14,385 14,434 14,484 14,532 14,579 910 861 812 763	14 477 49,916 7,598 50,618 51,278 51,912 52,522 53,093 6,895 6,236 5,601 4,991	179 4 3,240 9,316 3,549 3,881 4,229 4,593 4,963 9,008 8,676 8,327 7,963	8,388 8,472 8,551 8,625 8,693 817 733 654 580

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued [In thousands]

					Sex	and marital	status				
Alternative was and accomm	Total	Total	Single	Male	Widowed	Divorced	Total	Single	Female Married	Widowed	Divorced
Alternative, year, and age group ternative III: (Cont.)	1 0141	1 Otal	Shight	Married	Widowca	Divorced		- Onigic	- William Ico	Widowed	
1995:											
D-4	20,147	10,311	10,311	0	0	0	9,837	9,837	0	0	(
5-9	19,999	10,233	10,233	0	0	0	9,766	9,766	0	0	9
10-14	19,255	9,851	9,851	. 0	0	0	9,404	9,403	_ l	0	(
15-19	17,851	9,131	8,987	140	0	3	8,721	8,186	514	0	
20-24	18,323	9,360	7,117	2,075	1 7	166	8,963	5,293	3,357	10 39	
25-29	19,804 22,761	10,070	4,659	4,825 6,965	15	579 1,035	9,734 11,203	3,077 2,040	5,881 7,832	90	
30-34 35-39	22,761	11,558 11,644	3,544 2,423	7,977	32	1,033	11,349	1,458	8,260	151	1,480
40-44		10,364	1,486	7,583	56	1,240	10,250	909	7,567	228	1,540
45-49	17,825	8,885	774	6,854	81	1,175	8,940	532	6,507	387	1,514
50-54	14.078	6,955	509	5,507	114	825	7,123	393	5,124	473	1,13
55-59	11,492	5,610	367	4,506	157	581	5,881	308	4,136	612	820
60-64	10,420	4,987	300	4,035	216	436	5,433	254	3,543	1,027	60
65-69	10,203	4,718	264	3,756	339	359	5,485	236	3,209	1,533	50
70-74	9,060	4,004	208	3,066	483	247	5,056	221	2,441	2,028	36
75-79	6,714	2,747	127	1,992	492	136	3,967	181	1,477	2,089	
80-84		1,629	62	1,082	425	60	2,905	155	703	1,940	
85-89	2,488	753	24	427	280	23	1,735	100	261	1,328	
90-94	1,036	259	7	117	127	8	777	42	95	619 216	
95+	327	68	1	21	43	2	260	12	22	210	
0-19	77,253	39,526	39,382	140	0	3	37,728	37,192	515	0	
20-64		79,434	21,180	50,328	678	7,248	78,877	14,264	52,207	3,016	
65+	34,362	14,177	693	10,461	2,188	834	20,185	946	8,208	9,752	1,27
20.45	160,407	80,421	21,236	51,125	732	7,328	79,986	14,312	52,896	3,277	9,50
20-65 20-66		81,395	21,230	51,905	795	7,404	81,100	14,360	53,565	3,566	
20-67		82,347	21,344	52,661	864	7,477	82,203	14,407	54,212		
20-68		83,259	21,395	53,383	938	7,544	83,286	14.454	54,826		
20-69		84,152	21,443	54,085	1,016	7,608	84,362	14,500	55,416		
		,				,					
66+	32,266	13,190	637	9,665	2,134	754	19,076	898	7,520		
67+	30,178	12,216	582	8,885	2,070		17,962	850	6,850		
68+		11,264	529	8,128	2,001	606	16,858	803	6,203	8,895	
69+	26,128	10,352	479	7,407	1,928	539	15,776	757 710	5,589	8,569	
70+	24,159	9,459	430	6,705	1,849	475	14,699	/10	4,999	8,219	"
Total	269,926	133,137	61,255	60,930	2,866	8,086	136,789	52,402	60,930	12,768	10,68
2000:											
0-4	18,364	9,399	9,399	0	0	0	8,965	8,965	0	0	
5-9		10,410	10,410	Õ	Ō	0	9,938	9,938	0		
10-14		10,329	10,329	0	0	0	9,862	9,861	1	0	
15-19	19,460	9,948	9,775	169	0	4	9,512	8,892	596		_
20-24	18,148	9,271	6,926	2,182	1	162	8,876	5,100	3,473		
25-29	18,695	9,535	4,156	4,815	. 6		9,160	2,497	5,925		
30-34		10,133	2,878	6,366	14		9,877	1,693	7,120	99 181	
35-39		11,452	2,565	7,736	29		11,267 11,362	1,440 1,197			
40-44		11,471 10,176	1,947	8,228 7,625	52 80		10,221	806			
45-49 50-54		8,657	1,274 694	6,789	120		8,864	499	6,295		
			454				7,000	373			
		L VO			170						1.0
55-59		6,693 5,285		5,384 4.283	159 210			291			
55-59 60-64	10,983	5,285	323	4,283	210 303	470	5,697 5,147		3,762	872	2 7
55-59	10,983 9,688				210 303	470 354	5,697	291	3,762 3,022	872 1,322	7 5 4
55-59 60-64 65-69 70-74	10,983 9,688 9,101	5,285 4,541 4,069	323 257 214	4,283 3,627 3,119	210 303 449	470 354	5,697 5,147	291 237	3,762 3,022 2,503	872 1,322	7 5 4
55-59 60-64 65-69 70-74 75-79	10,983 9,688 9,101 7,584	5,285 4,541	323 257	4,283 3,627	210 303 449	470 354 286 185	5,697 5,147 5,033	291 237 214	3,762 3,022 2,503 1,681	872 1,322 1,855 2,226 2,013	2 7 2 5 3 4 5 3
55-59 60-64 65-69 70-74 75-79 80-84	10,983 9,688 9,101 7,584 5,064	5,285 4,541 4,069 3,168	323 257 214 150	4,283 3,627 3,119 2,276 1,251	210 303 449 557 472	470 354 286 185 89	5,697 5,147 5,033 4,416 3,180 2,021	291 237 214 190 142 102	3,762 3,022 2,503 1,681 851 328	872 1,322 1,855 2,226 2,013 1,515	7 5 4 5 3 1
55-59 60-64 65-69 70-74 75-79	10,983 9,688 9,101 7,584 5,064 2,942	5,285 4,541 4,069 3,168 1,884 922 329	323 257 214 150 73 26	4,283 3,627 3,119 2,276 1,251 537 145	210 303 449 557 472 324 166	470 354 286 185 89 35	5,697 5,147 5,033 4,416 3,180 2,021 943	291 237 214 190 142 102 49	3,762 3,022 2,503 1,681 851 328 88	872 1,322 1,855 2,226 2,013 1,515 779	77 56 44 33 1
55-59 60-64 65-69 70-74 75-79 80-84 85-89	10,983 9,688 9,101 7,584 5,064 2,942 1,272	5,285 4,541 4,069 3,168 1,884 922	323 257 214 150 73 26	4,283 3,627 3,119 2,276 1,251 537	210 303 449 557 472 324 166	470 354 286 185 89 35	5,697 5,147 5,033 4,416 3,180 2,021	291 237 214 190 142 102	3,762 3,022 2,503 1,681 851 328 88	872 1,322 1,855 2,226 2,013 1,515	7 5 4 3 1
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424	5,285 4,541 4,069 3,168 1,884 922 329 89	323 257 214 150 73 26 7	4,283 3,627 3,119 2,276 1,251 537 145 28	210 303 449 557 472 324 166 56	470 354 286 185 89 35 11	5,697 5,147 5,033 4,416 3,180 2,021 943	291 237 214 190 142 102 49	3,762 3,022 2,503 1,681 851 328 88 24	872 1,322 1,855 2,226 2,013 1,515 779 284	7 7 5 5 4 5 3 1 1 5 1
55-59 60-64 55-69 70-74 75-79 80-84 85-89 90-94 95+	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086	323 257 214 150 73 26 7	4,283 3,627 3,119 2,276 1,251 537 145 28	210 303 449 557 472 324 166 56	470 354 286 185 89 35 11 3	5,697 5,147 5,033 4,416 3,180 2,021 943 335	291 237 214 190 142 102 49	3,762 3,022 2,503 1,681 851 328 88 24	872 1,322 1,855 2,226 2,013 1,515 779 284	7 5 4 4 3 3 1 5 9,8
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998	5,285 4,541 4,069 3,168 1,884 922 329 89	323 257 214 150 73 26 7 1 39,913 21,217	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408	210 303 449 557 472 324 166 56	470 354 286 185 89 35 11 3 4 7,377	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277	291 237 214 190 142 102 49 14	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466	872 1,322 1,855 2,226 2,013 1,515 779 284	7 5 4 4 3 3 1 5 9,8
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002	323 257 214 150 73 26 7 1 39,913 21,217 729	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982	210 303 449 557 472 324 166 56	470 354 286 185 89 35 11 3 4 7,377 963	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074	291 237 214 190 142 102 49 14 37,657 13,895	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994	7 5 4 5 4 3 3 1 1 5 9,8 1 1,6
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621	323 257 214 150 73 26 7 1 39,913 21,217 729 21,273	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982 54,173	210 303 449 557 472 324 166 56 0 672 2,327	470 354 286 185 89 35 111 3 4 7,377 963 7,455	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371	291 237 214 190 142 102 49 14 37,657 13,895 949	3,762 3,022 2,503 1,681 328 88 24 597 55,466 8,497	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994	7 5 4 4 6 3 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529	323 257 214 150 73 26 7 1 39,913 21,217 729 21,273 21,325	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982 54,173 54,902	210 303 449 557 472 324 166 56 672 2,327	470 354 286 185 89 35 11 3 4 7,377 963 7,455	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,993	3,762 3,022 2,503 1,681 328 88 24 597 55,466 8,497 56,120 56,726	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 9,3301 3,549	7 5 4 4 3 3 1 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65-65 20-66 20-67	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 85,425	323 257 214 150 73 26 7 1 39,913 21,217 729 21,273 21,325 21,375	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982 54,173 54,902 55,617	210 303 449 557 472 324 166 56 0 672 2,327 721 777 838	470 354 286 185 89 35 111 3 4 7,377 963 7,455 7,526	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 85,404	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,945	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,120 56,726 57,319	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 3,301 3,549 3,315	7 5 5 5 4 4 3 3 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529	323 257 214 150 73 26 7 1 39,913 21,217 729 21,273 21,325 21,375 21,425	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982 54,173 54,902 55,617 56,329	210 303 449 557 472 324 166 56 0 672 2,327 721 777 838	470 354 286 185 89 35 111 3 4 7,377 963 7,595 7,596 7,595	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,993	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,726 56,726 57,319 57,909	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 4 3,301 3,549 3,815 4,102	7 5 5 4 4 5 3 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65-6 20-66 20-67 20-68 20-69	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 86,321 87,214	323 257 214 150 73 266 67 1 39,913 21,217 729 21,273 21,325 21,375 21,425 21,474	4,283 3,627 3,119 2,276 1,251 53,408 10,982 54,173 54,902 55,617 56,329 57,035	210 303 449 557 472 324 166 56 0 672 2,327 721 777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,595 7,526 7,595 7,663 7,730	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 85,404 86,436 87,472	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,943 14,040 14,086	3,762 3,022 2,503 1,681 851 3288 24 597 55,466 8,497 56,120 56,726 57,319 57,909 58,487	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 3,301 0 3,549 3,349 4,102 4,408	7 5 5 5 6 4 4 6 3 3 6 1 6 6 9 8 8 1 1 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 85,425 86,321 87,214	323 257 214 14 150 73 26 7 1 39,913 21,217 729 21,273 21,325 21,375 21,425 21,474	4,283 3,627 3,119 2,276 1,251 53,408 10,982 54,173 54,902 55,617 56,329 57,035	210 303 449 557 472 324 166 56 0 672 2,327 721 777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,526 7,526 7,526 7,536 7,730	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 85,404 86,436 87,472 20,028	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,993 14,040 14,086 14,132	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,120 56,726 57,319 57,319 57,319 58,487 7,842	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 1 3,301 3,549 3,815 4,102 4,408	77 55 56 4 4 56 33 6 9,86 4 1,66 5 10,02 5 10,3 8 10,4 9 1,5 9
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 85,425 86,321 14,054 13,145	323 257 214 150 73 26 7 1 39,913 21,217 729 21,273 21,325 21,474 673 621	4,283 3,627 3,119 2,276 1,251 537 145 28 169 53,408 10,982 54,173 54,902 55,617 56,329 57,035	210 303 449 557 472 324 166 56 0 672 2,327 721 777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,595 7,663 7,730 8 885	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 85,404 86,436 87,472 20,028 19,012	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 13,993 14,040 14,086 14,132	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,120 56,726 57,319 57,	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 3,301 3,549 3,815 4,102 4,408	77 55 56 44 56 33 11 56 56 33 11 56 56 33 11 56 56 34 11 56 56 56 56 56 56 56 56 56 56 56 56 56
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 86,321 87,214 14,054 13,145 12,250	323 257 214 150 73 266 7 1 39,913 21,217 729 21,273 21,325 21,375 21,425 21,474	4,283 3,627 3,119 2,276 1,251 53,408 10,982 54,173 54,902 55,617 56,329 57,035	210 303 449 557 472 324 166 56 672 2,327 721 777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,526 7,526 7,595 7,663 7,730 8 885 814 745	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 48,494 86,436 87,472 20,028 19,012 17,995	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 14,040 14,086 14,132 898 850 850	3,762 3,022 2,503 1,681 851 3288 24 597 55,466 8,497 56,120 56,726 57,319 65,790 58,487 7,237 6,643	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 0 3,301 0 4,408 0 4,408 0 4,408 0 9,530 0 9,530 0 9,9265	77.7 56.6 64.4 65.3 66.3 67.7
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69 66+ 67+ 68+	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686 34,081 32,158 30,245 28,316	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 86,321 87,214 14,054 13,145 12,250 11,353	323 257 214 14 150 73 26 7 1 39,913 21,217 729 21,273 21,375 21,425 21,474 673 621 571 571	4,283 3,627 3,119 2,276 1,251 53,408 10,982 54,173 54,902 55,617 56,329 57,035 10,217 9,488 8,773 8,061	210 303 449 557 472 324 166 56 0 672 2,327 721 7777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,595 7,595 7,595 7,663 7,730 8 885 8 14 745 6 677	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 85,404 86,436 87,472 20,028 19,012 17,995 16,963	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 14,046 14,132 898 850 804	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,120 56,726 57,319 57,7909 58,487 7,237 6,643 6,643	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 0 3,301 3,549 0 4,102 4,408 0 9,779 9,533 0 9,9265 8,978	77 51 51 51 51 51 51 51 51 51 51 51 51 51
55-59 60-64 65-69 70-74 75-79 80-84 85-89 90-94 95+ 0-19 20-64 65+ 20-65 20-66 20-67 20-68 20-69	10,983 9,688 9,101 7,584 5,064 2,942 1,272 424 78,363 164,998 36,076 166,993 168,916 170,829 172,758 174,686 34,081 32,158 30,245 28,316	5,285 4,541 4,069 3,168 1,884 922 329 89 40,086 82,673 15,002 83,621 84,529 86,321 87,214 14,054 13,145 12,250	323 257 214 150 73 266 7 1 39,913 21,217 729 21,273 21,325 21,375 21,425 21,474	4,283 3,627 3,119 2,276 1,251 53,408 10,982 54,173 54,902 55,617 56,329 57,035 10,217 9,488 8,773 8,061	210 303 449 557 472 324 166 56 0 672 2,327 721 7777 838 904 975	470 354 286 185 89 35 111 3 4 7,377 963 7,595 7,595 7,595 7,663 7,730 8 885 8 14 745 6 677	5,697 5,147 5,033 4,416 3,180 2,021 943 335 38,277 82,325 21,074 83,371 84,387 48,494 86,436 87,472 20,028 19,012 17,995	291 237 214 190 142 102 49 14 37,657 13,895 949 13,945 14,040 14,086 14,132 898 850 850	3,762 3,022 2,503 1,681 851 328 88 24 597 55,466 8,497 56,120 56,726 57,319 57,7909 58,487 7,237 6,643 6,643	872 1,322 1,855 2,226 2,013 1,515 779 284 0 3,085 9,994 0 3,301 3,549 0 4,102 4,408 0 9,779 9,533 0 9,9265 8,978	7.75 5.65 6.44 6.53 6.75

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued

[In thousands]

					Sex	and mæital	status				
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorand	Total	C:1-	Female	Widowed	<u> </u>
lternative III: (Cont.)	1 Otal	Total	Sligie	Mairied	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
2020:											
0.4	16,019	8,200	8,200	0	0	0	7,819	7,819	0	0	0
5-9	16,686	8,538	8,538	0	0	0	8,148	8,148	0	0	0
10-14 15-19	17,218	8,809	8,809	200	0	0	8,409	8,408	1	0	.0
20-24	17,887 19,292	9,145 9,857	8,932 6,711	209 2,953	0	5	8,741	7,958	757	0	25
25-29	21,462	10,958	3,680	6,637	5	192 636	9,435 10,504	4,371 1,802	4,725 7,949	9 34	330 720
30-34	21,401	10,909	1,998	8,030	10	870	10,304	895	8,669	70	858
35-39	20,564	10,440	1,386	8,176	18	860	10,125	620	8,493	118	894
40-44	18,917	9,548	1,070	7,650	30	798	9,369	481	7,840	182	866
45-49	18,845	9,423	1,072	7,509	52	789	9,422	496	7,717	302	907
50-54	19,518	9,614	1,139	7,656	92	727	9,903	640	7,791	497	976
55-59 60-64	21,515	10,497	1,332	8,289	169	707	11,018	830	8,129	850	1,208
65-69		10,116	1,144	8,100	264	608	10,774	842	7,401	1,235	1,296
70-74		8,440 6,500	773 402	6,801	383	484	9,261	615	5,814	1,616	1,216
75-79	9,629	4,255	219	5,175 3,254	517 540	405 241	7,511	381	4,059	1,998	1,072
80-84		2,545	107	1,808	493	138	5,374 3,738	267 181	2,327	2,068	712
85-89		1,423	46	888	411	78	2,597	111	1,158 507	1,959 1,725	439 254
90-94	. 2,313	691	16	348	287	40	1,623	58	187	1,723	143
95+	. 1,115	272	3	89	161	18	843	24	47	697	75
0.10									• •	• • • • • • • • • • • • • • • • • • • •	
0-19	. 67,810	34,693	34,479	209	0	5	33,117	32,333	759	0	25
20-64		91,362	19,533	65,000	642	6,187	91,041	10,977	68,714	3,296	8,055
65+	. 55,072	24,126	1,566	18,363	2,793	1,404	30,946	1,639	14,100	11,297	3,911
20-65	186 245	93,208	19,720	66,488	704	6,296	93,037	11,126	70,015	3,577	9 210
20-66		94,978	19,893	67,913	778	6,394	94,964	11,261	71,244	3,901	8,319 8,558
20-67	. 193,484	96,667	20,047	69,274	856	6,489	96,816	11,383	72,406	4,232	8,796
20-68		98,278	20,184	70,573	939	6,582	98,598	11,491	73,503	4,569	9,035
20-69		99,803	20,306	71,801	1,024	6,671	100,302	11,592	74,527	4,912	9,271
44.	51.00 0	22 200									
67+		22,280	1,379	16,875	2,730	1,296	28,950	1,490	12,798	11,016	3,646
67+		20,511	1,206	15,450	2,657	1,198	27,023	1,355	11,569	10,691	3,407
68+ 69+		18,821	1,052	14,089	2,578	1,102	25,171	1,233	10,408	10,361	3,169
70+		17,211 15,686	916 793	12,790	2,496	1,009	23,389	1,124	9,310	10,024	2,931
707	. 37,371	13,000	193	11,562	2,410	920	21,685	1,023	8,286	9,681	2,695
Total	. 305,286	150,181	55,579	83,572	3,435	7,596	155,104	44,949	83,572	14,593	11,991
2040:											
0-4	. 13,984	7 150	7 150	0	0	•	(92(< 00x			
5-9	. 13,964	7,159 7,477	7,159 7,477	0	0	0	6,826	6,826	0	0	0
10-14		7,865	7,865	0	0	0	7,135	7,135	0	0	0
15-19	. 16,231	8,300	8,107	189	0	4	7,507 7,932	7,506 7,230	678	0	0 23
20-24	. 16,985	8,682	5,926	2,588	i	168	8,303	3,893	4,115	7	288
25-29	. 17,861	9,129	3,039	5,552	4	534	8,732	1,393	6,717	29	593
30-34	. 18,493	9,435	1,707	6,931	ġ	787	9,059	581	7,690	63	725
35-39	. 19,049	9,678	1,210	7,568	18	883	9,371	341	8,112	111	307
40-44	. 20,108	10,165	1,031	8,091	33	1,010	9,943	275	8,537	183	948
45-49	. 21,728	10,927	986	8,749	58	1,135	10,801	301	9,065	302	1,133
50-54	. 21,190	10,603	834	8,669	93	1,008	10,586	315	8,702	452	1,117
55-59		9,905	745	8,233	144	783	10,024	337	8,013	679	995
60-64		8,775	647	7,381	206	541	9,053	325	6,959	969	800
65-69	. 16,935	8,193	678	6,762	334	419	8,742	375	6,181	1,466	720
70-74		7,649	688	6,088	527	345	8,664	486	5,326	2,143	708
75-79	. 16,066	7,227	710	5,402	798	318	8,839	602	4,391	3,017	829
80-84	. 13,112	5,522	456	3,899	923	243	7,590	552	2,835	3,402	801
85-89	. 8,506	3,229	185	2,099	794	150	5,277	325	1,357	2,981	613
90-94 95+	. 4,454 . 2,080	1,484 582	45 9	827 225	530	83	2,970	131	466	1,979	394
70.	2,000	302	9	223	309	40	1,498	50	104	1,114	231
0-19	60,200	30,800	30,607	189	0	4	29,400	28,697	679	0	23
20-64	173,171	87,299	16,125	63,760	564	6,850	85,872	7,761	67,910	2,796	7,406
65+		33,886	2,772	25,301	4,214	1,599	43,581	2,521	20,661	16,104	4,295
20.65	176 400	00.010	1								
20-65	176,489	88,918	16,246	65,120	616	6,936	87,571	7,822	69,169	3,034	7,546
20-66 20-67		90,509	16,367	66,451	673	7,018	89,253	7,885	70,396	3,291	7,682
20-67 20-68	. 183,098 . 186,585	92,123 93,804	16,497	67,788	738	7,100	90,975	7,956	71,620	3,577	7,822
20-69		95,804 95,492	16,647 16,803	69,158 70,522	813 898	7,185 7,269	92,782 94,615	8,041 8 136	72,864	3,903 4,262	7,973
	,	JJ, 7J2	10,003	10,322	070	7,409	74,013	8,136	74,091	4,262	8,126
66+		32,267	2,651	23,941	4,162	1,512	41,883	2,459	19,402	15,866	4,156
67+		30,676	2,530	22,611	4,105	1,430	40,200	2,396	18,175	15,609	4,020
68+		29,062	2,400	21,274	4,040	1,348	38,478	2,326	16,950	15,323	3,879
	64,053	27,381	2,251	19,903	3,965	1,263	36,672	2,240	15,706	14,997	3,729
69+											
70+		25,693	2,094	18,540	3,880	1,179	34,839	2,145	14,480	14,638	3,576
	60,532			18,540 89,250	3,880 4,778	1,179 8,453					

Table 21.—January 1 Population in the Social Security Area by Alternative, Year, Age Group, Sex, and Marital Status —Continued
[In thousands]

					Sex	and marital	status				
			0: 1	Male	W7'11	Discount	T-4-1	Cin ala	Female	Widowed	Divorced
Alternative, year, and age group	Total	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorceu
ernative III: (Cont.) 2060:											
0-4	12,482	6,389	6,389	0	0	0	6,092	6,092	0	0	C
5-9		6,702	6,702	0	0	0	6,395	6,395	0	0	Ç
10-14		7,009	7,009	0	0	0	6,691	6,690	1	0	0
15-19		7,310	7,141	166	0	4	6,985	6,368	597	0	20
20-24		7,656	5,226	2,281	1	148	7,317	3,417	3,640	6 24	254 523
25-29		8,092	2,702	4,914	3 7	474 715	7,729 8,170	1,214 518	5,968 6,944	55	653
30-34		8,524 8,873	1,563 1,128	6,239 6,914	15	816	8,577	326	7,407	98	747
35-39		9,047	912	7,210	26	899	8,834	251	7,588	155	841
40-44		9,193	805	7,398	42	948	9,069	216	7,707	235	912
50-54		9,233	740	7,516	69	907	9,209	199	7,730	355	925
55-59		9,257	695	7,626	117	819	9,348	190	7,711	556	892
60-64		9,461	684	7,839	202	737	9,695	200	7,713	894	88′
65-69		9,732	689	7,990	362	691	10,182	248	7,523	1,460	950
70-74	. 18,314	8,796	559	7,137	550	550	9,518	266	6,293	2,082	87
75-79		7,301	441	5,726	731	402	8,400	272	4,664	2,708	750
80-84		5,326	295	3,956	812	262	6,808	238	2,938	3,059	574
85-89		3,639	195	2,437	833	173	5,461	218	1,655	3,149	440
90-94		2,172	105	1,231	727	109	3,954	190	766	2,668	330
95+	. 5,049	1,517	54	573	792	98	3,532	166	309	2,612	44:
0-19	. 53,574	27,411	27,241	166	0	4	26,163	25,545	598	0	20
20-64	. 157,287	79,337	14,456	57,938	482	6,462	77,950	6,531	62,408	2,377	6,633
65+	. 86,338	38,483	2,339	29,050	4,807	2,286	47,856	1,598	24,147	17,737	4,37
20-65	. 161,213	81,266	14,593	59,531	539	6,603	79,947	6,575	63,941	2,615	6,810
20-66		83,206	14,730	61,130	603	6,743	81,966	6,622	65,464	2,878	7,003
20-67		85,155	14,868	62,732	674	6,882	84,004	6,671	66,973	3,167	7,193
20-68	. 173,172	87,112	15,006	64,333	755	7,018	86,061	6,723	68,464	3,487	7,387
20-69	. 177,201	89,070	15,145	65,928	845	7,153	88,132	6,780	69,931	3,837	7,583
66+	. 82,412	36,554	2,202	27,457	4,751	2,145	45,858	1,554	22,615	17,499	4,189
67+		34,614	2,065	25,858	4,687	2,005	43,839	1,508	21,092	17,237	4,002
68+		32,665	1,927	24,256	4,615	1,866	41,801	1,459	19,583	16,947	3,812
69+		30,708	1,789	22,655	4,534	1,730	39,745	1,406	18,092	16,628	3,619
70+		28,750	1,650	21,060	4,445	1,595	37,674	1,350	16,625	16,277	3,422
Total	. 297,199	145,231	44,036	87,154	5,289	8,751	151,968	33,675	87,154	20,115	11,020
	,	,									
2080: 0-4	. 11,233	5,751	5,751	0	0	0	5,483	5,483	0	0	
5-9		6,012	6,012	ŏ			5,737	5,737	ŏ		
10-14		6,265	6,265	ŏ			5,980	5,979	ī	0	
15-19		6,540	6,388	148	0	3	6,249	5,695	536	0	1
20-24		6,899	4,710		0	134	6,589	3,071	3,284	5	
25-29		7,335	2,456	4,448	2	430	6,997	1,102		20	
30-34		7,699	1,416	5,631	6		7,364	471	6,258	47	58
35-39		7,928	1,008	6,180			7,646	288		82	
40-44		8,078	822	6,431	21		7,867	219			
45-49		8,225	729	6,611	33		8,091	188		191	80
50-54		8,405	691	6,823	54		8,357	181		287 450	83 83
55-59		8,566	661	7,040 7,106			8,616 8,708	185 187		700	
60-64		8,546 8,385	617 578	6,957			8,696	188		1.093	
70-74		7,933	521				8,477	183			72
77. 70	15 200	7,197	447				8,101	171			
75-79 80-84		6,219					7,648	164			
85-89	44.004	4,920					6,880	164			
90-94		3,033					4,941	123	1,174	3,173	
95+							4,415	103	471	3,343	49
0.10	48,016	24,567	24,415	148	0	3	23,449	22,894	537	0	1
0-19 20-64		71,680					70,234	5,892	56,455	1,909	5,97
65+		39,823					49,158		25,202	18,347	4,51
20-65	145,347	73,372	13,228	53,733	407	6,004	71,974	5,929	57,820	2,091	6,1
20-65 20-66		75,061					73,717				
20-67		76,741					75,460				
20-68							77,199			2,744	6,6
20-69		80,065					78,930				
	85,549	38,131	2,195	28,312	5,120	2,504	47,418	1,059	23,837	18,165	4,3
664	55,577						45,675			17,967	4,20
66+	. 82 119			,		_,,,,,,					
67+				25.513	5.024	2,264	43,933	983	21,154	17,749	4,04
67+ 68+	78,694	34,762	1,962				43,933 42,194				3,89
67+ 68+ 69+	78,694 75,286	34,762 33,092	1,962 1,847	24,130	4,968	2,147		946	19,846	17,512	3,89
67+ 68+	78,694 75,286	34,762 33,092	1,962 1,847	24,130 5 22,764	4,968 4,905	3 2,147 5 2,034	42,194	946 908	19,846 18,563	17,512 17,253	3,89 3,73

Table 22 and Chart 7 illustrate of the change in the median age of the total population throughout the projection period. For alternative I, this median age is projected to increase until the year 2030, deline slighty during the next 20 years, and then to stabilize throughout the remainder of the projection period. For alternatives II and III, the median age of the total population increases throughout 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 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 until about 2050. Also contributing to this increase through 2050, and beyond, 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, tend to hold down the median age.

Table 22.—Median Age of the Population by Calendar Year, and Alternative

	•	1100 / 11100/	I I I I I I I I I I I I I I I I I I I			
Calendar year			Total	65+		
1960			29.4	71.9		
1965			28.1	72.4		
1970			27.8	72.7		
1975			28.4	72.8		
1980			29.8	72.9		
1985			31.2	73.2		
1986			31.5	73.2		
1987			31.8	73.2		
1988			32.1	73.3		
1989			32.4	73.3		
1990			32.7	73.3		
	Altern	ative I	Alterna	ative II	Alterna	tive III
•		Popu-		Popu-		Popu-
	Total	lation	Total	lation	Total	lation
	Popu-	Age	Popu-	Age	Popu-	Age
	lation	65+	lation	65+	lation	65+
1995	34.1	73.7	34.2	73.7	34.3	73.8
2000	35.4	74.4	35.7	74.5	36.0	74.6
2020	26.0	72.6	20.0	72.0	40.5	72.2

74.7 **B.** Population by Marital Status

75.2

74.9

74.4

74.8

40.2

41.6

42.0

42.4

42.6

73.9

75.9

75.9

75.3

76.1

76.4

43.0

45.6

47.2

48.4

49.4

50.2

74.4

76.7

77.1

76.5

78.6

37.5

37.3

36.9

37.0

37.0

2040

2050

2060

2070

2080

In 1989, 43 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, 38 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 45 percent in 1989 to 36, 47, and 59 percent in 2080, under alternatives I, II, and III, respectively. The proportion widowed in 2080 is projected to increase from 6 percent in 1989 to 7 and 9 percent, under alternatives II and III, respectively, and to decrease to 5 percent under alternative I. 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 1989 to 9, 8, and 7 percent under alternatives I, II, and III, respectively. Chart 8 compares the distribution of the population by marital status in 1989 with the projected distribution under alternative II in 2080.

The disunity ratio given in Table 23 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 1989 to .218 and .158 in 2080 under alternatives I and II, respectively, and to decrease to .100 in 2080 under Alternative III.

C. Aged Population

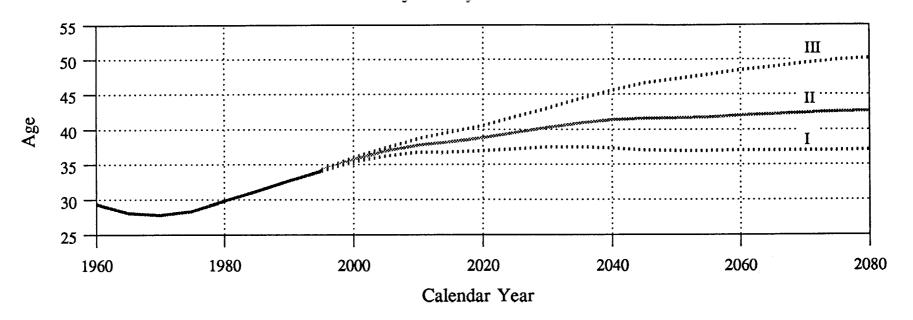
A rough estimate of the growth in the number of persons receiving Social Security retirement benefits can be obtained from examining the population ages 65 and older given in Table 23. The projected population at ages 65 and older is also shown graphically in Chart 9. The growth in the number of people 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 1989 to 17 percent under alternative I, 23 percent under alternative II, and 32 percent under alternative III.

Table 22 and Chart 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 23 by broad age group and alternative for selected years. The age groups are under 20 years, 20-64 years, and 65 years or older.

Chart 7 - Median Age of Total Population
Actual and Projected by Alternative



Median Age of Population Ages 65 and Older

Actual and Projected by Alternative

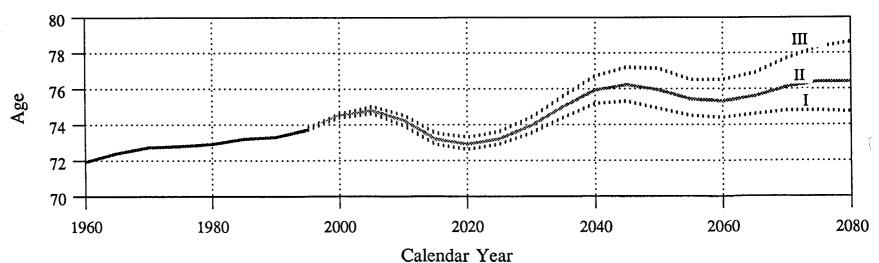
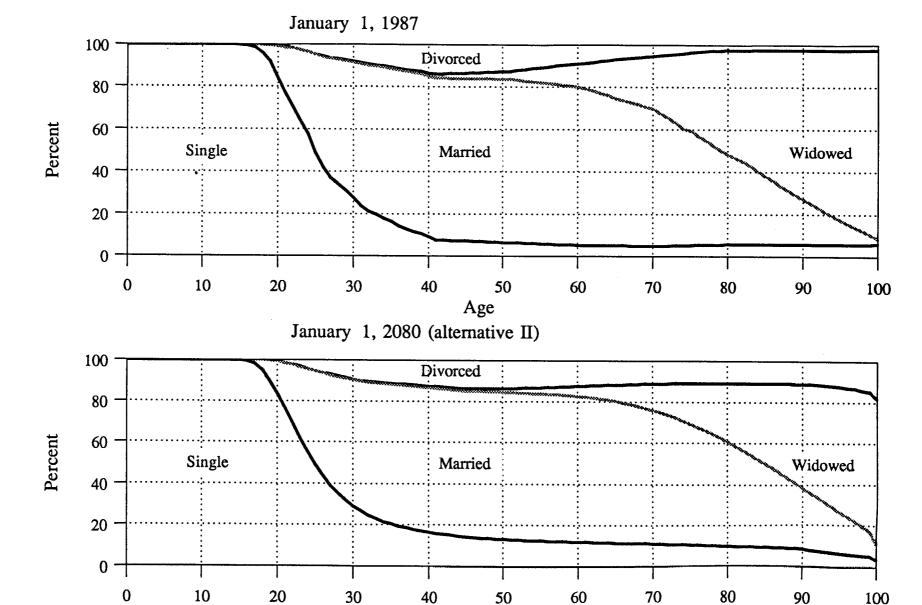


Chart 8 - Distribution of the Population by Marital Status Ages 0 through 100



Age

Chart 9 - Social Security Area Population, Aged 65 + (in millions), 1960 - 2080

Actual and Projected by Alternative

46

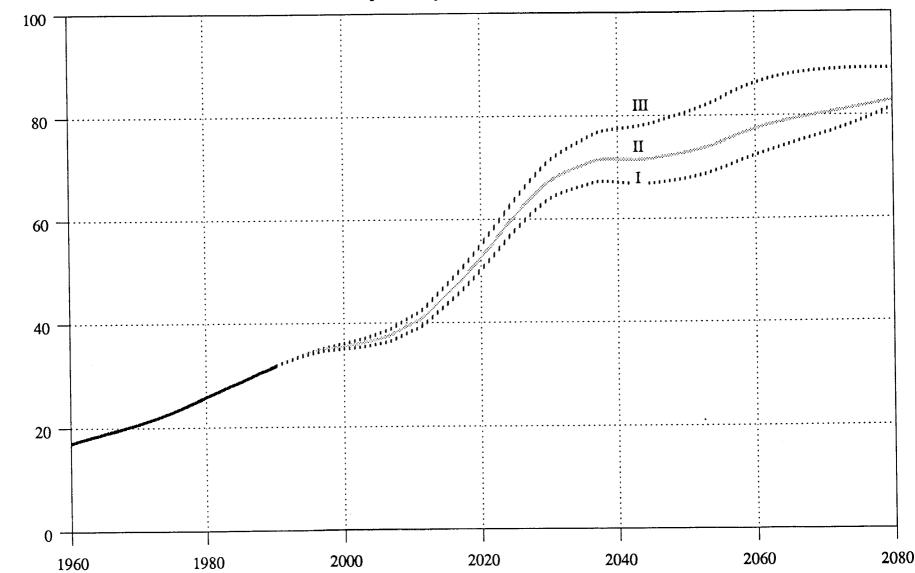


Table 23.—Population in the Social Security Area as of January 1 and Selected Ratios by Year and Alternative

				opulation (In			acros by	Cui una			
		Mari	ital status				Age			idency tio	D : :
Alternative and year	Single	Married	Widowed	Divorced	Total	0-19	20-64	65+		Total	. Disunity ratio
1940	66,162	64,943	8,546	1,636	141,287	48,389	83,212	9,686	.116	.698	.022
1950	67.085	78,566	9,883	2,257	157,791	53,236	92,008	12,547	.136	.715	.026
1960	85,580	88,998	11,085	3,056	188,719	72,158	99,493	17,068	.172	.897	.031
1970 1980	101,036	99,339 108,435	12,576 13,924	4,669 10,711	213,690 234,107	80,786 75,214	112,244 133,061	20,660 25,832	.184 .194	.904 .759	.042 .088
1981	101 630	108.958	13,988	11,816	236,401	74 627	125 264	26.400	105	746	
1982	102,540	109,917	13,851	12,508	238,816	74,637 74,147	135,364 137,681	26,400 26,988	.195 .196	.746 .735	.096 .101
1983	104,121	110,439	14,043	12,672	241,274	73.756	139,915	27,603	.197	.724	.102
1984 1985	104,948 105,468	110,858 111,514	14,465 14,759	13,356 14,236	243,626 245,977	73,395 73,166	142,054 144,112	28,177 28,700	.198 .199	.715 .707	.107 .113
1986	106 101	112,680	14,806	•			,	,			
1987	100,191	114,047	14,551	14,682 14,867	248,359 250,772	73,180 73,386	145,849 147,421	29,329 29,965	.201	.703 .701	.115 .116
1988	108,114	115,263	14,887	14,975	253,240	73,751	148,920	30,570	.205	.701	.115
1989	109,742	115,084	15,139	15,737	255,702	74,212	150,387	31,104	.207	.700	.121
1990	110,701	115,982	15,222	16,387	258,292	74,646	151,935	31,711	.209	.700	.125
Alternative I:	111 607	117.045	15 201								
1991 1992		117,045 118,003	15,301 15,378	17,025 17,669	261,057	75,127	153,673	32,257 32,747	.210	.699	.129
1993	113,903	118,974	15,376	18,303	263,773 266,637	75,698 76,546	155,327 156,861	33,230	.211 .212	.698 .700	.132 .136
1994	115,115	119,881	15,530	18,921	269,448	77,495	158,280	33,674	.213	.702	.140
1995	116,357	120,717	15,601	19,530	272,205	78,413	159,737	34,055	.213	.704	.143
1996		121,481	15,667	20,138	274,910	79,294	161,236	34,380	.213	.705	.147
1997 1998	118,914	122,180 122,836	15,728	20,744	277,567	80,105	162,830	34,631	.213	.705	.150
1999	120,222	122,630	15,786 15,840	21,338 21,921	280,182 282,761	80,814 81,444	164,572 166,403	34, 7 97 34,914	.211 .210	.702 .699	.154 .157
2000		124,051	15,891	22,494	285,309	81,955	168,310	35,044	.208	.695	.161
2010	137,124	129,120	16,412	27,817	310,474	85,833	186,186	38,454	.207	.668	.191
2020	154,097	132,767	17,674	32,234	336,772	91,471	195,088	50,213	.257	.726	.214
2030 2040	184 244	136,191 139,986	19,883 21,357	34,479 35,639	360,530	98,420	198,188	63,922	.323	.819	.221
2050	197,886	145,948	21,216	36,713	381,226 401,763	103,757 110,379	210,355 223,547	67,115 67,836	.319 .303	.812 .797	.221 .220
2060	211,112	153,963	20,981	38,257	424,312	116,992	235,028	72,292	.308	.805	.219
2070	224,007	163,142	21,764	40,282	449,196	123,391	249,386	76,419	.306	.801	.218
2080	236,789	172,769	22,922	42,576	475,056	130,389	263,201	81,466	.310	.805	.218
Alternative II:	111.550	114 005	4.5.00.5								
1991 1992	111,552	116,985 117,965	15,305 15,388	17,016	260,858	75,057	153,536	32,265	.210	.699	.129
1993	113,264	119,004	15,388	17,614 18,173	263,350 265,915	75,534 76,249	155,040 156,378	32,776 33,289	.211	.699 .700	.132
1994	114,115	120,037	15,559	18,691	268,401	77,038	157,590	33,773	.213	.703	.135 .138
1995	-	121,051	15,642	19,181	270,810	77,773	158,833	34,204	.215	.705	.140
1996	115,731	122,041	15,722	19,652	273,146	78,446	160,111	34,588	.216	.706	.143
1997	116,497	123,012	15,799	20,105	275,412	79,025	161,481	34,906	.216	.706	.145
1998 1999	117,231	123,981	15,872	20,534	277,618	79,476	162,995	35,146	.216	.703	.147
2000	118,595	124,955 125,937	15,941 16,008	20,940 21,325	279,767 281,865	79,826 80,032	164,598 166,274	35,343 35,559	.215 .214	.700 .695	.149 .150
2010	123.592	136,753	16,598	24,460	301,402	79,514	181,984	39,905	210		
2020	127.017	147,586	17,899	26,694	319,196	78,955	187,665	52,576	.219 .280	.656 .701	.160 .161
2030	130.039	154,069	20,448	28,041	332,597	80,021	185,174	67,402	.364	.796	.161
2040 2050	131,657	157,443 160,176	22,749	28,721	340,571	79,697	189,304	71,569	.378	.799	.159
			23,422	29,101	345,309	79,977	192,476	72,856	.379	.794	.159
2060 2070	133,463	162,969 165,501	23,416 23,980	29,518	349,366	80,357	191,616	77,394	.404	.823	.158
2080	134.835	167,445	24,592	30,006 30,427	353,687 357,299	80,413 80,722	192,942 193,787	80,333 82,790	.416	.833	.158
Alternative III:	.,	107,115	21,572	30,427	331,299	80,722	193,767	62,790	.427	.844	.158
1991	111,457	116,950	15,303	17,010	260,720	75,006	153,440	32,275	.210	.699	.129
1992	112,106	118,012	15,384	17,556	263,058	75,405	154,846	32,806	.212	.699	.132
1993 1994	112,/20	119,227 120,518	15,467 15,550	18,028	265,448	76,015	156,081	33,352	.214	.701	.134
1995	113,657	121,860	15,634	18,429 18,774	267,738 269,926	76,674 77,253	157,186 158,311	33,878 34,362	.216 .217	.703 .705	.135 .137
1996	113,980	123,238	15,719	19,077	272,014	77,745	159,463	34,805	.218	.706	
1997	114.212	124,647	15,805	19,340	274,005	78,119	160,696	35,190	.218	.705	.137 .138
1998	114,355	126,097	15,893	19,560	275,904	78,340	162,061	35,503	.219	.702	.138

Table 23.—Population in the Social Security Area as of January 1 and Selected Ratios by Year and Alternative —Continued

	Population (In thousands)										
Alternative and year	Marital status				Age			Dependency ratio		Disunity	
	Single	Married	Widowed	Divorced	Total	0-19	20-64	65+		ratio	
Alternative III: (Cont.)											
1999	114,405	127,593	15,981	19,739	277,718	78,435	163,506	35,778	.219	.699	.137
2000	114,359	129,118	16,079	19,881	279,437	78,363	164,998	36,076	.219	.694	.137
2010	109,583	147,321	16,932	20.089	293,924	73,791	178,801	41,332	.231	.644	.122
2020		167,144	18.028	19,587	305,286	67,810	182,404	55,072	.302	.674	.106
2030	94,469	176,285	20,685	19,957	311,396	64,302	175.688	71,407	.406	.772	.101
2040		178,500	23,679	20.177	310,838	60,200	173,171	77,468	.447	.795	.100
2050	82,683	177,278	25,179	20,043	305,183	56,586	167,977	80,619	.480	.817	.099
2060	77,711	174,308	25,404	19,777	297,199	53,574	157,287	86,338	.549	.890	.099
2070	73,442	170,008	25,666	19,469	288,585	50,608	149,263	88,714	.594	.933	.099
2080		164,387	25,784	19,021	278,911	48,016	141,915	88,981	.627	.965	.100

Note: The aged dependency ratio is the ratio of the number of persons aged 65 and older to the number of persons aged 20 to 64. The total dependency ratio is the same as the aged dependency ratio

except the number of persons under age 20 are also included in the numerator of the ratio. The disunity ratio is the ratio of the number of divorced persons to the number of married and widowed persons.

The aged dependency ratio shown in Table 23 is the ratio of the number of persons aged 65 or older to the number of persons aged 20-64. The aged dependency ratio is also shown graphically in Chart 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. Under alternative I, the aged dependency ratio is projected to increase from 0.207 in 1989 to 0.327 in the year 2036 and then to decrease to an ultimate level of 0.31. Under alternatives II and III, the aged dependency ratio

is projected to continually increase to 0.427 and 0.627, repectively, 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 durinng 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 55 percent by the year 2030.

Since not everyone retires at age 65 and since the minimum age at whi ch unreduced benefits are payable is scheduled to increase, it is interesting to observe the aged dependency ratio using cutoff ages other than 65. Table 24 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. In Table 25 the ages necessary to maintain an aged dependency ratio of .20, .25, and .30 are given. In order to maintain an aged dependency ratio during the period 1980 - 1990) the aged dependency ratio in 2080 must be calculated at ages 70, 75, and 81 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.—Aged Dependency Ratios at Selected Retirement Ages by Calendar Year and Alternative

				Age
Alternative and year	62	65	67	70
1940	.158	.116	.093	.065
1950	.185	.136	.110	.077
1960	.226	.172	.140	.100
1970	.241	.184	.153	.113
1980	.251	.194	.162	.120
1981	.251	.195	.163	.121
1982	.252	.196	.164	.123
1983	.254	.197	.165	.124
1984	.255	.198	.166	.125
1985	.257	.199	.167	.126
1986	.258	.201	.169	.127
1987	.260	.203	.170	.129
1988	.261	.205	.172	.130
1989	.262	.207	.174	.131
1990	.263	.209	.176	.132
Alternative I:		.205	.170	.132
1991	.264	.210	.177	.134
1992	.264	.211	.179	.136
1993	.264	.212	.180	.138
1994	.264	.213	.181	.139
1995	.263	.213	.182	.140
1996	.261	.213	.183	.142
1997	.260	.213	.183	.142
1998	.258	.211	.183	.143
1999	.257	.210	.182	.143
2000	.256	.208	.181	.143
2010	.270	.207	.173	.133
2020	.343	.257	.211	.154

Table 24.—Aged Dependency Ratios at Selected Retirement Ages by Calendar Year and Alternative —Continued

				Ag
Alternative and year	62	65	67	70
Alternative I : (Cont.)				
2030	.404	.323	.272	.20
2040	.391	.319	.278	.219
2050	.380	.303	.260	.202
2060	.384	.308	.262	.20
2070	.381	.306	.263	.20
2080	.388	.310	.264	.20
Alternative II :	.500	.510	.207	.20
1991	.264	.210	.178	.13
1992	.265	.211	.179	.130
1993	.265	.213	.181	.13
1994	.265	.214	.183	.14
1995	.265	.215	.184	.14
1996	264	216	105	1.4
	.264	.216	.185	.14
1997	.264	.216	.186	.14
1998	.263	.216	.187	.14
1999	.263	.215	.187	.14
2000	.262	.214	.186	.14
2010	.285	.219	.185	.14
2020	.370	.280	.231	.17
2030	.452	.364	.308	.23
2040	.459	.378	.331	.26
2050	.470	.379	.326	.25
2060	.499	.404	.347	.27
2070	.510	.416	.362	.29
2080	.524	.427	.302	.29
Iternative III:	.324	.427	.371	.29
1991	.264	.210	.178	12
1992	.265			.134
1993	.266	.212	.180	.13
		.214	.182	.13
1994	.267	.216	.184	.14
1995	.267	.217	.186	.143
1996	.267	.218	.187	.14
1997	.267	.219	.189	.14
1998	.267	.219	.190	.149
1999	.267	.219	.190	.150
2000	.268	.219	.190	.15
2010	.299	.231	106	15
2020	.396		.196	.15
		.302	.250	.187
2030	.501	.406	.346	.265
2040	.540	.447	.394	.318
2050	.593	.480	.416	.333
2060	.672	.549	.475	.375
2070	.717	.594	.522	.420
2080	.755	.627	.552	.452

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.

Table 25.—Retirement Age at Selected Aged Dependency Ratios by Calendar Year and Alternative

tios by Calendai	I cai anu Aiu	CHILATIVE		
		Dependency ratio		
Alternative and year	.20	.25	.30	
1940	59	57	55	
1950	61	59	57	
1960	63	61	59	
1970	64	62	59	
1980	65	62	60	
1001	65	60	60	
1981	65 65	62 62	60	
1982	65	62	60	
1983 1984	65	62	60	
1985	65	62	60	
2,00				
1986	65	62	60	
1987	65	62	60	
1988	65	63	60	
1989	65	63	60	
1990	66	63	60	
Alternative I:		62		
1991	66	63	60	
1992	66	63	60	
1993	66	63	60	
1994	66	63	60	
1995	66	63	60	
1996,	66	63	60	
1997	66	63	60	
1998	66	63	60	
1999	66	62	60	
2000	66	62	60	
2010	65	63	61	
2010	68	65	63	
2020	70	68	66	
2030	70 71	68	66	
2040	/1	00	00	
2050	70	67	65	
2060	70	68	65	
2070	70	68	65	
2080	70	68	65	
Alternative II:				
1991	66	63	60	
1992	66	63	60	
1993	66	63	60	
1994	66	63	60	
1995	66	63	60	
1996	66	63	60	
1997	66	63	60	
1998	66	63	60	
1999	66	63	60	
2000	66	63	60	
2010		63	61	
2010	66 68	66	64	
2020		69	67	
2030	72 73	71	68	
ZU4U	13	, ,		
2050	73	70	68	

Table 25.—Retirement Age at Selected Aged Dependency Ratios by Calendar Year and Alternative —Continued

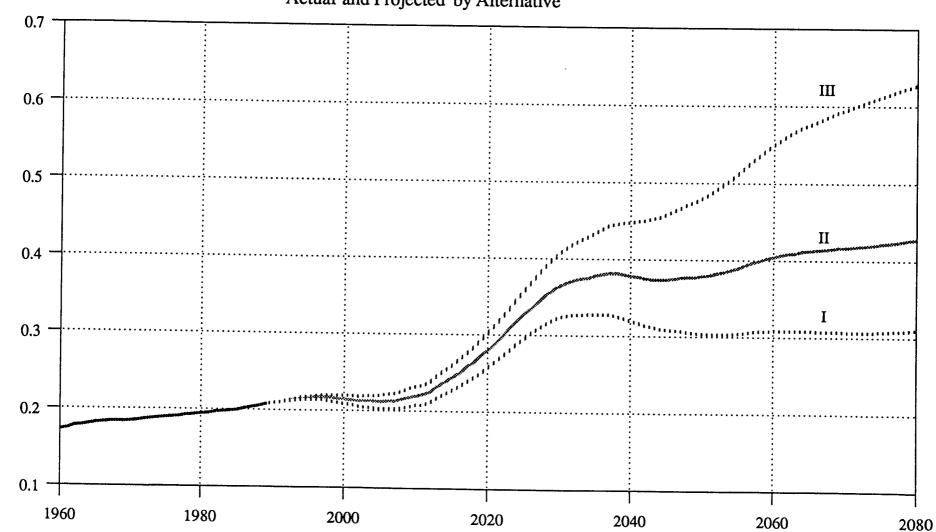
tios by Calcidat i car	and Antimitive	Continue		
		Dependency ratio		
Alternative and year	.20	.25	.30	
Alternative II : (Cont.)				
2060	73	71	69	
2070	75	72	70	
2080	75	72	70	
Alternative III:				
1991	66	63	60	
1992	66	63	60	
1993	66	63	60	
1994	66	63	60	
1995	66	63	60	
1996	66	63	60	
1997	66	63	60	
1998	66	63	60	
1999	66	63	60	
2000	66	63	60	
2010	67	64	62	
2020	69	67	65	
2030	73	71	69	
2040	76	73	71	
2050	77	74	71	
2060	77	75	73	
2070	79	77	75	
2080	81	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 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.

The total dependency ratio given in Tables 23 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 0.701 in 1987 until shortly after the turn of the century, reflecting the small number of children resulting from the low fertility rates experienced since 1970 and projected to be experienced in the near future, and the slow growth in the aged population resulting from the low fertility rates experienced during the 1930's. 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 0.805 under alternative I to 0.965 under alternative III or roughly from 15 to 38 percent higher than the 1987 value.

Chart 10 - Ratio of Population Aged 65 + to Population aged 20 - 64, 1960 - 2080

Actual and Projected by Alternative



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