

APPENDIX C: POPULATION FORECASTS BY AGE AND SEX

STATE OF OREGON

Table C. 1	Population Forecasts Components of Change 1980-2015	120
Table C. 2	Population Forecasts by Age and Sex: 2000-2015	121
Table C. 3	Population of Oregon: 1980-2015.....	122
Table C. 4	Children: Ages 0-4.....	122
Table C. 5	School Age Population: Ages 5-17.....	122
Table C. 6	Young Adult Population: Ages 18-24.....	122
Table C. 7	Criminally “At Risk” Population: Males Ages 15-39.....	123
Table C. 8	Prime Wage Earners: Ages 25-44.....	123
Table C. 9	Older Wage Earners: Ages 45-64	123
Table C. 10	Elderly Population by Age Group.....	123

OREGON'S POPULATION FORECASTS BY AGE AND SEX

Procedure and Assumptions

Population forecasts by age and sex are developed using the cohort-component projection procedure. The population by single year of age and sex is projected based on the specific assumptions of vital events and migrations. Oregon's population as of July 1, 2000 is the base population for the forecasting model. The total base population by age-sex detail is derived from the U.S. Census Bureau.

To explain the cohort-component projection procedure very briefly, the forecasting model "survives" the initial population distribution by age and sex to the next age-sex category in the following year, and then applies age-sex-specific birth and migration rates to the mid-year population. Further iterations subject the in-and-out migrants to the same population.

Total populations for the years 2001 through 2008 in the following tables are annual estimates from Center for Population Research, Portland State University. The numbers of births and deaths through 2007-08 are from Oregon's Center for Health Statistics. The total populations for the period 2009 to 2015 are generated as part of the economic and revenue forecast of OEA. The numbers of births and deaths are projected based on the assumptions of fertility and mortality rates derived from historical trend and forecast for the United States.

Age-specific fertility rates are projected based on Oregon's past trends and past and projected national trends. Oregon's total fertility rate is assumed to remain below 2.0 children per woman during the forecast period, tracking at slightly lower than the national rate.

Life Table survival rates are developed for the year 2000. Male and female life expectancies for the 2000-2015 period are projected based on the past three decades of trends and national projected life expectancies. Gradual improvements in life expectancies are expected over the forecast period. At the same time, the difference between the male and female life expectancies will continue to shrink. The male life expectancy of 75.7 and the female life expectancy of 80.3 in 2000 are projected to improve to 78.8 years for males and 83.1 years for females by the year 2015.

Estimates and forecasts of the number of net migrations are based on the residuals from the difference between population change and natural increase (births minus deaths) in a given forecast period. The annual net migration between 2008 and 2015 is expected to remain in the range of 16,600 to 31,300, averaging 27,000 persons annually. Slowdown in Oregon's economy during the early years of this decade resulted in smaller net migration and slow population growth. Population growth and net migration rates in 2000 through 2004 were the lowest in over a decade. Current slowdown in Oregon's economy is expected to result in even lower net migration and slowing population growth in the short-term with implications for the long-term forecast horizon. Migration is intrinsically related to economy and employment situation of the state. Still, current high unemployment and job loss will impact net migration and population growth, but not to the extent to early 1980s. It is because of the fact that other states are not faring any better. Hence the potential out-migrants have very limited destination choices.

Table C. 1

STATE OF OREGON
POPULATION FORECASTS
COMPONENTS OF CHANGE 1980 -2015

Year (July 1)	Population	Population Change		Births		Deaths		Natural Increase	Net Migration	
		Number	Percent	Number	Rate/1000	Number	Rate/1000		Number	Rate/1000
1980	2,641,200	---	---	---	---	---	---	---	---	---
1981	2,668,000	26,800	1.01	43,196	16.27	21,870	8.24	21,326	5,474	2.06
1982	2,664,900	-3,100	-0.12	42,261	15.85	21,548	8.08	20,713	-23,813	-8.93
1983	2,653,100	-11,800	-0.44	40,378	15.19	22,039	8.29	18,339	-30,139	-11.33
1984	2,666,600	13,500	0.51	39,611	14.89	22,702	8.54	16,909	-3,409	-1.28
1985	2,672,600	6,000	0.23	39,296	14.72	23,531	8.81	15,765	-9,765	-3.66
1980-1985		31,400		204,742		111,690		93,052	-61,652	
1986	2,683,500	10,900	0.41	39,332	14.69	23,403	8.74	15,929	-5,029	-1.88
1987	2,701,000	17,500	0.65	38,702	14.38	23,695	8.80	15,007	2,493	0.93
1988	2,741,300	40,300	1.49	39,120	14.38	24,752	9.10	14,368	25,932	9.53
1989	2,790,600	49,300	1.80	40,648	14.70	24,705	8.93	15,943	33,357	12.06
1990	2,860,400	69,800	2.50	42,008	14.87	24,763	8.76	17,245	52,555	18.60
1985-1990		187,800		199,810		121,318		78,492	109,308	
1991	2,928,500	68,100	2.38	42,682	14.75	24,944	8.62	17,738	50,362	17.40
1992	2,991,800	63,300	2.16	42,427	14.33	25,166	8.50	17,261	46,039	15.55
1993	3,060,400	68,600	2.29	41,442	13.69	26,543	8.77	14,899	53,701	17.75
1994	3,121,300	60,900	1.99	41,487	13.42	27,564	8.92	13,923	46,977	15.20
1995	3,184,400	63,100	2.02	42,426	13.46	27,552	8.74	14,874	48,226	15.30
1990-1995		324,000		210,464		131,769		78,695	245,305	
1996	3,247,100	62,700	1.97	43,196	13.43	28,768	8.95	14,428	48,272	15.01
1997	3,304,300	57,200	1.76	43,625	13.32	29,201	8.91	14,424	42,776	13.06
1998	3,352,400	48,100	1.46	44,696	13.43	28,705	8.62	15,991	32,109	9.65
1999	3,393,900	41,500	1.24	45,188	13.40	29,848	8.85	15,340	26,160	7.76
2000	3,431,530	37,630	1.11	45,534	13.34	28,909	8.47	16,625	21,005	6.15
1995-2000		247,130		222,239		145,431		76,808	170,322	
2001	3,471,700	40,170	1.17	45,536	13.19	29,934	8.67	15,602	24,568	7.12
2002	3,504,700	33,000	0.95	44,995	12.90	30,828	8.84	14,167	18,833	5.40
2003	3,541,500	36,800	1.05	45,686	12.97	30,604	8.69	15,082	21,718	6.16
2004	3,582,600	41,099	1.16	45,599	12.80	30,721	8.62	14,878	26,221	7.36
2005	3,631,440	48,841	1.36	45,892	12.72	30,723	8.52	15,169	33,672	9.33
2000-2005		199,910		227,708		152,810		74,898	125,012	
2006	3,690,505	59,065	1.63	46,471	12.69	30,314	8.28	16,157	42,908	11.72
2007	3,745,455	54,950	1.49	48,503	13.05	30,448	8.19	18,055	36,895	9.92
2008	3,791,075	45,620	1.22	48,384	12.84	30,889	8.20	17,495	28,125	7.46
2009	3,824,900	33,825	0.89	48,357	12.70	31,118	8.17	17,239	16,586	4.36
2010	3,863,000	38,101	1.00	48,797	12.69	31,308	8.14	17,489	20,612	5.36
2005-2010		231,560		240,512		154,078		86,435	145,125	
2011	3,908,500	45,500	1.18	49,147	12.65	31,546	8.12	17,601	27,899	7.18
2012	3,957,700	49,199	1.26	49,778	12.66	31,835	8.09	17,943	31,256	7.95
2013	4,007,200	49,500	1.25	50,381	12.65	32,163	8.08	18,218	31,282	7.86
2014	4,056,500	49,300	1.23	50,932	12.63	32,512	8.06	18,420	30,880	7.66
2015	4,105,800	49,301	1.22	51,427	12.60	32,880	8.06	18,547	30,754	7.54
2010-2015		242,800		251,665		160,936		90,729	152,071	
1980-1990		219,200		404,552		233,008		171,544	47,656	
1990-2000		571,130		432,703		277,200		155,503	415,627	
2000-2010		431,470		468,220		306,888		161,333	270,138	

Sources: 1980-2000 population - U.S. Bureau of the Census; 2001-2008 population - Population Research Center, PSU;
2009-2015 - Office of Economic Analysis; 1980-08 births and deaths: Oregon Center for Health Statistics.

Table C. 2

Oregon's Population Forecasts by Age and Sex: 2000-2015 (July 1 population)

Age	2000			2001			2002			2003		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	114,089	109,109	223,198	114,659	109,885	224,544	115,065	109,830	224,895	115,889	110,479	226,368
5-9	119,728	114,005	233,733	118,993	113,315	232,307	118,103	112,750	230,853	117,869	112,700	230,570
10-14	124,731	118,373	243,104	125,947	119,558	245,505	126,463	120,499	246,963	126,988	120,635	247,622
15-19	125,941	119,230	245,171	126,971	119,674	246,644	126,631	119,486	246,117	125,593	119,690	245,282
20-24	119,362	113,342	232,704	121,099	115,890	236,989	123,441	118,175	241,616	126,189	120,175	246,364
25-29	120,609	112,253	232,862	119,719	111,704	231,423	119,730	112,740	232,470	121,438	114,557	235,995
30-34	122,510	114,776	237,286	126,215	117,835	244,050	128,438	119,539	247,977	129,262	120,677	249,940
35-39	128,828	126,293	255,121	126,068	123,161	249,229	124,081	119,818	243,899	122,730	117,464	240,194
40-44	134,552	137,191	271,743	135,208	136,998	272,207	134,206	135,536	269,742	133,448	134,053	267,501
45-49	135,715	137,448	273,163	136,538	139,007	275,545	137,569	140,403	277,971	137,161	140,481	277,642
50-54	118,674	119,617	238,291	125,869	127,223	253,092	126,620	128,221	254,840	129,646	132,014	261,660
55-59	85,986	88,165	174,151	89,402	91,625	181,028	98,401	100,700	199,101	104,124	106,201	210,325
60-64	64,549	67,444	131,993	67,398	70,444	137,842	70,683	73,992	144,675	75,518	78,824	154,342
65-69	53,078	59,230	112,308	53,720	59,268	112,988	54,735	59,983	114,718	56,496	61,615	118,111
70-74	48,503	58,073	106,576	48,093	57,134	105,227	47,509	56,256	103,766	47,046	55,542	102,588
75-79	40,447	54,757	95,204	40,355	54,200	94,555	40,241	53,341	93,582	40,238	52,409	92,647
80-84	26,452	40,414	66,866	27,369	41,320	68,689	28,218	42,149	70,366	28,535	42,794	71,329
85+	18,528	39,528	58,056	19,345	40,489	59,834	19,947	41,200	61,147	20,866	42,152	63,018
Total	1,702,282	1,729,248	3,431,530	1,722,970	1,748,729	3,471,700	1,740,082	1,764,618	3,504,700	1,759,037	1,782,463	3,541,500
Mdn. Age	35.2	37.6	36.4	35.3	37.8	36.6	35.5	38.0	36.8	35.7	38.2	36.9
Age	2004			2005			2006			2007		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	116,733	111,248	227,981	117,472	112,080	229,552	118,367	112,937	231,303	120,282	114,757	235,039
5-9	118,416	113,224	231,640	119,188	114,155	233,343	120,468	115,652	236,120	121,509	116,197	237,706
10-14	126,151	120,031	246,182	124,709	118,975	243,685	124,345	118,655	243,000	123,946	118,611	242,557
15-19	126,310	120,509	246,819	128,176	122,094	250,270	129,888	123,801	253,689	130,919	125,281	256,200
20-24	127,998	122,284	250,283	129,345	123,196	252,541	131,104	124,339	255,443	131,195	124,589	255,785
25-29	123,787	117,101	240,888	126,462	120,639	247,102	129,612	124,600	254,212	133,221	128,129	261,350
30-34	128,821	120,228	249,049	127,601	119,645	247,247	127,670	120,104	247,775	128,804	122,330	251,134
35-39	123,467	117,324	240,791	127,326	120,259	247,585	131,883	124,207	256,090	135,064	126,880	261,943
40-44	133,141	132,773	265,914	131,886	130,347	262,233	129,606	127,710	257,317	128,211	124,932	253,143
45-49	135,935	139,566	275,501	135,632	139,553	275,185	136,710	139,803	276,513	136,181	138,840	275,021
50-54	132,902	136,064	268,966	135,198	138,572	273,770	136,394	140,578	276,971	137,832	142,339	280,270
55-59	110,295	112,331	222,625	117,552	120,023	237,575	125,202	128,183	253,385	126,416	129,668	256,084
60-64	80,122	83,333	163,455	84,084	87,757	171,842	87,885	91,673	179,558	97,264	101,267	198,531
65-69	58,549	63,639	122,188	60,958	65,580	126,538	64,007	68,847	132,855	67,551	72,736	140,287
70-74	46,997	54,975	101,972	47,595	55,013	102,608	48,431	55,250	103,681	49,677	56,211	105,888
75-79	39,892	51,358	91,250	39,739	50,721	90,460	39,639	50,116	89,755	39,441	49,595	89,036
80-84	28,915	43,453	72,368	29,283	43,589	72,873	29,497	43,385	72,882	29,736	42,972	72,708
85+	21,632	43,096	64,728	22,640	44,394	67,034	23,910	46,047	69,957	25,128	47,644	72,772
Total	1,780,063	1,802,537	3,582,600	1,804,847	1,826,593	3,631,440	1,834,619	1,855,887	3,690,505	1,862,376	1,883,079	3,745,455
Mdn. Age	35.8	38.3	37.0	36.0	38.4	37.1	36.3	38.4	37.3	36.5	38.5	37.5
Age	2008			2009			2010			2011		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	121,458	115,869	237,326	122,429	116,783	239,213	123,716	118,007	241,723	125,192	119,416	244,607
5-9	122,593	117,087	239,679	122,894	117,312	240,206	122,979	117,503	240,482	123,209	117,711	240,921
10-14	124,068	118,934	243,002	124,421	119,266	243,687	124,806	119,803	244,608	125,366	120,579	245,945
15-19	131,606	125,564	257,170	130,421	124,594	255,015	128,515	123,058	251,573	127,738	122,316	250,054
20-24	130,044	124,737	254,781	130,246	125,031	255,278	131,749	126,227	257,976	133,189	127,641	260,831
25-29	136,324	130,444	266,768	137,261	131,754	269,016	137,537	131,609	269,146	138,459	131,888	270,347
30-34	131,038	124,657	255,695	133,010	126,780	259,790	134,974	129,637	264,612	137,119	132,676	269,795
35-39	136,261	128,432	264,694	135,464	127,591	263,055	133,599	126,337	259,936	132,770	125,874	258,644
40-44	127,095	122,762	249,856	127,646	122,366	250,012	131,182	124,925	256,108	135,187	128,294	263,480
45-49	135,615	137,542	273,157	135,148	136,051	271,199	133,586	133,220	266,806	130,847	130,019	260,866
50-54	137,586	142,668	280,253	136,223	141,523	277,746	135,707	141,202	276,910	136,481	141,070	277,551
55-59	129,545	133,612	263,157	132,507	137,381	269,888	134,480	139,536	274,016	135,400	141,195	276,596
60-64	103,114	106,955	210,069	108,980	112,831	221,811	115,811	120,157	235,968	122,948	127,880	250,828
65-69	72,417	77,712	150,129	76,769	82,053	158,822	80,395	86,160	166,554	83,746	89,643	173,389
70-74	51,496	57,957	109,453	53,427	59,941	113,368	55,637	61,754	117,391	58,314	64,674	122,988
75-79	39,251	49,129	88,380	39,315	48,710	88,025	39,935	48,816	88,751	40,688	49,404	89,728
80-84	29,935	42,415	72,350	29,775	41,705	71,479	29,773	41,318	71,091	29,777	40,902	70,679
85+	26,075	49,079	75,155	26,896	50,396	77,291	27,840	51,508	79,349	28,763	52,490	81,253
Total	1,885,520	1,905,555	3,791,075	1,902,834	1,922,066	3,824,900	1,922,222	1,940,778	3,863,000	1,945,194	1,963,307	3,908,500
Mdn. Age	36.7	38.7	37.7	37.0	39.0	38.0	37.2	39.2	38.2	37.3	39.4	38.3
Age	2012			2013			2014			2015		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	126,005	120,190	246,195	127,170	121,298	248,468	128,562	122,624	251,186	129,940	123,936	253,876
5-9	124,904	119,321	244,226	126,246	120,599	246,846	127,725	122,012	249,737	129,382	123,597	252,979
10-14	125,891	120,592	246,484	126,704	121,218	247,923	127,341	121,782	249,123	127,668	122,223	249,892
15-19	127,194	122,134	249,328	127,225	122,373	249,598	127,832	122,965	250,797	128,363	123,655	252,018
20-24	134,122	129,037	263,159	134,927	129,417	264,344	134,082	128,790	262,873	132,353	127,443	259,796
25-29	138,258	131,834	270,093	137,362	132,269	269,631	138,349	133,343	271,692	140,420	135,101	275,521
30-34	140,271	135,790	276,061	143,619	138,350	281,969	145,538	140,676	286,214	146,510	141,193	287,704
35-39	133,415	127,637	261,052	135,738	130,083	265,820	138,472	133,019	271,491	141,055	136,583	277,638
40-44	138,054	130,632	268,686	139,302	132,257	271,560	138,990	131,919	270,910	137,466	131,025	268,491
45-49	129,331	127,036	256,367	128,269	124,881	253,149	129,151	124,824	253,975	132,930	127,643	260,573
50-54	135,981	140,098	276,078	135,566	138,942	274,509	135,444	137,811	273,255	134,083	135,158	269,241
55-59	136,884	143,095	279,979	136,849	143,522	280,371	135,867	142,769	278,635	135,586	142,672	278,258
60-64	124,155	129,370	253,524	127,448	133,520	260,969	130,828	137,769	268,597	133,078	140,217	273,295
65-69	92,643	98,916	191,559	98,401	104,635	203,036	104,447	110,849	215,296	111,352	118,413	229,765
70-74	61,517	68,255	129,772	66,097	73,030	139,127	70,348	77,37				

Table C. 3

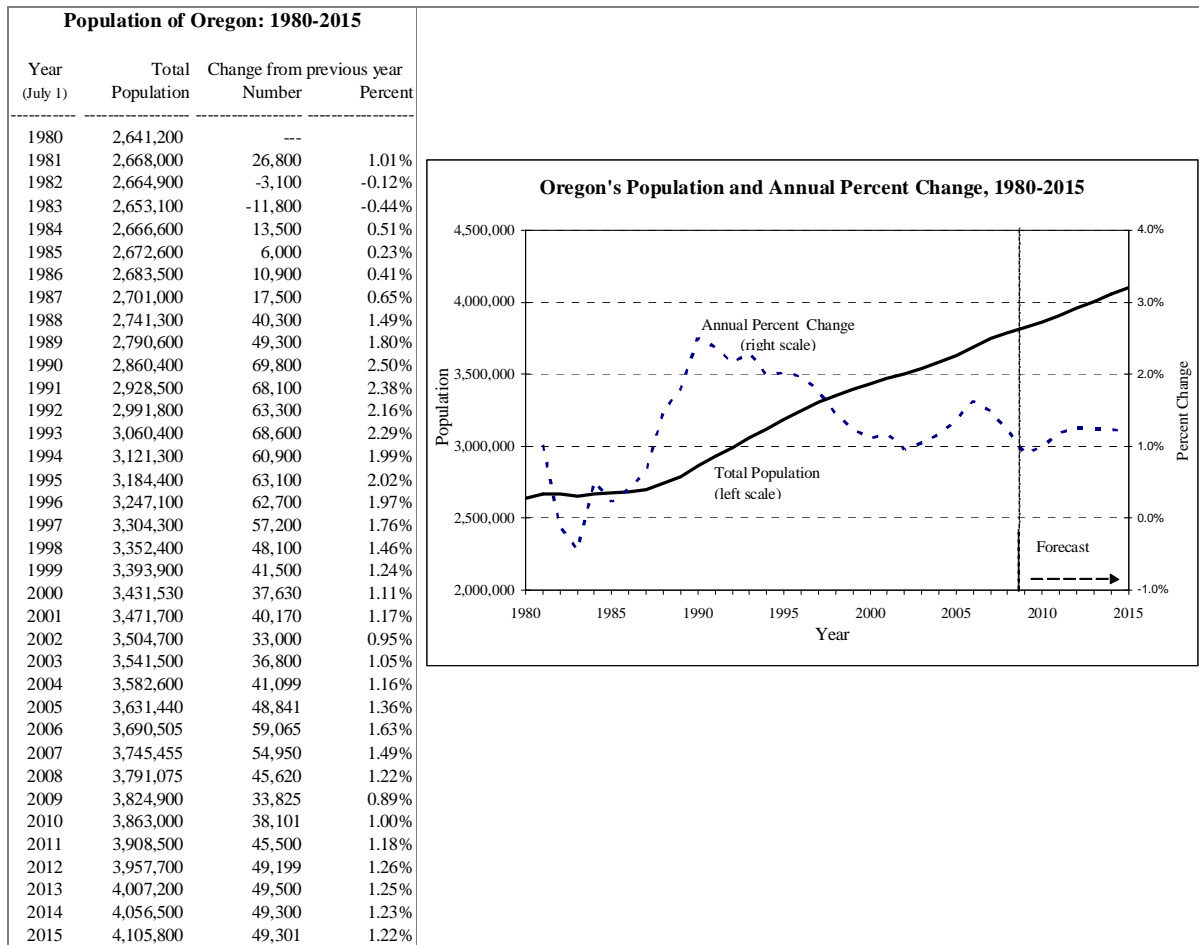


Table C. 4

Year (July 1)	Children: Ages 0-4		
	Population	Number	Percent
1980	199,525	---	---
1990	209,638	10,113	5.07%
2000	223,198	13,560	6.47%
2001	224,544	1,346	0.60%
2002	224,895	351	0.16%
2003	226,368	1,473	0.66%
2004	227,981	1,612	0.71%
2005	229,552	1,571	0.69%
2006	231,303	1,752	0.76%
2007	235,039	3,736	1.61%
2008	237,326	2,288	0.97%
2009	239,213	1,886	0.79%
2010	241,723	2,510	1.05%
2011	244,607	2,884	1.19%
2012	246,195	1,588	0.65%
2013	248,468	2,273	0.92%
2014	251,186	2,718	1.09%
2015	253,876	2,690	1.07%

Table C. 5

Year (July 1)	School Age Population: Ages 5-17		
	Population	Number	Percent
1980	524,446	---	---
1990	532,727	8,281	1.58%
2000	624,354	91,627	17.20%
2001	624,712	358	0.06%
2002	624,644	-68	-0.01%
2003	624,381	-263	-0.04%
2004	625,526	1,145	0.18%
2005	628,404	2,878	0.46%
2006	633,562	5,158	0.82%
2007	635,561	1,999	0.32%
2008	635,276	-285	-0.04%
2009	633,588	-1,688	-0.27%
2010	633,083	-505	-0.08%
2011	634,987	1,904	0.30%
2012	640,176	5,189	0.82%
2013	644,756	4,580	0.72%
2014	648,951	4,195	0.65%
2015	653,464	4,514	0.70%

Table C. 6

Year (July 1)	Young Adult Population: Ages 18-24		
	Population	Number	Percent
1980	329,407	---	---
1990	268,134	-61,273	-18.60%
2000	330,358	62,224	23.21%
2001	336,733	6,375	1.93%
2002	340,905	4,171	1.24%
2003	345,458	4,553	1.34%
2004	349,398	3,940	1.14%
2005	351,435	2,037	0.58%
2006	354,690	3,254	0.93%
2007	356,687	1,998	0.56%
2008	359,356	2,669	0.75%
2009	360,597	1,241	0.35%
2010	361,556	959	0.27%
2011	362,763	1,207	0.33%
2012	363,020	257	0.07%
2013	363,955	934	0.26%
2014	363,579	-376	-0.10%
2015	361,220	-2,359	-0.65%

Table C. 7

Table C. 8

Table C. 9

Year (July 1)	Criminally "At Risk" Population: Males Ages 15-39			Prime Wage Earners: Ages 25-44			Older Wage Earners: Ages 45-64		
	Population	Number	Percent	Population	Number	Percent	Population	Number	Percent
1980	561,931	---	---	790,750	---	---	491,249	---	---
1990	544,738	-17,193	-3.06%	926,326	135,576	17.15%	531,181	39,932	8.13%
2000	617,250	72,512	13.31%	997,012	70,686	7.63%	817,598	286,417	53.92%
2001	620,072	2,822	0.46%	996,909	-103	-0.01%	847,507	29,909	3.66%
2002	622,321	2,248	0.36%	994,088	-2,820	-0.28%	876,588	29,081	3.43%
2003	625,212	2,891	0.46%	993,630	-458	-0.05%	903,969	27,381	3.12%
2004	630,384	5,171	0.83%	996,642	3,012	0.30%	930,548	26,579	2.94%
2005	638,911	8,527	1.35%	1,004,166	7,524	0.75%	958,371	27,823	2.99%
2006	650,157	11,246	1.76%	1,015,394	11,228	1.12%	986,427	28,056	2.93%
2007	659,203	9,046	1.39%	1,027,570	12,176	1.20%	1,009,906	23,479	2.38%
2008	665,273	6,070	0.92%	1,037,012	9,443	0.92%	1,026,637	16,731	1.66%
2009	666,403	1,131	0.17%	1,041,873	4,861	0.47%	1,040,644	14,007	1.36%
2010	666,375	-29	0.00%	1,049,801	7,928	0.76%	1,053,700	13,056	1.25%
2011	669,275	2,900	0.44%	1,062,266	12,465	1.19%	1,065,840	12,140	1.15%
2012	673,260	3,986	0.60%	1,075,892	13,626	1.28%	1,065,949	108	0.01%
2013	678,871	5,611	0.83%	1,088,980	13,088	1.22%	1,068,998	3,049	0.29%
2014	684,274	5,403	0.80%	1,100,307	11,327	1.04%	1,074,463	5,465	0.51%
2015	688,702	4,428	0.65%	1,109,353	9,046	0.82%	1,081,367	6,904	0.64%

Table C. 10

Year (July 1)	Elderly Population by Age Group							
	Ages 65+	Change from previous decade/yr.	Ages 65-74	Change from previous decade/yr.	Ages 75-84	Change from previous decade/yr.	Ages 85+	Change from previous decade/yr.
1980	305,841	---	185,863	---	91,137	---	28,841	---
1990	392,369	28.29%	224,772	20.93%	128,813	41.34%	38,784	34.48%
2000	439,010	11.89%	218,884	-2.62%	162,070	25.82%	58,056	49.69%
2001	441,294	0.52%	218,216	-0.31%	163,244	0.72%	59,834	3.06%
2002	443,579	0.52%	218,484	0.12%	163,948	0.43%	61,147	2.19%
2003	447,694	0.93%	220,699	1.01%	163,976	0.02%	63,018	3.06%
2004	452,505	1.07%	224,160	1.57%	163,618	-0.22%	64,728	2.71%
2005	459,513	1.55%	229,146	2.22%	163,333	-0.17%	67,034	3.56%
2006	469,129	2.09%	236,536	3.22%	162,637	-0.43%	69,957	4.36%
2007	480,692	2.46%	246,175	4.08%	161,745	-0.55%	72,772	4.02%
2008	495,467	3.07%	259,582	5.45%	160,730	-0.63%	75,155	3.27%
2009	508,985	2.73%	272,189	4.86%	159,505	-0.76%	77,291	2.84%
2010	523,136	2.78%	283,945	4.32%	159,842	0.21%	79,349	2.66%
2011	538,037	2.85%	296,377	4.38%	160,406	0.35%	81,253	2.40%
2012	566,468	5.28%	321,332	8.42%	162,062	1.03%	83,075	2.24%
2013	592,043	4.51%	342,163	6.48%	165,143	1.90%	84,737	2.00%
2014	618,014	4.39%	363,017	6.09%	168,912	2.28%	86,085	1.59%
2015	646,520	4.61%	385,116	6.09%	173,687	2.83%	87,717	1.90%