

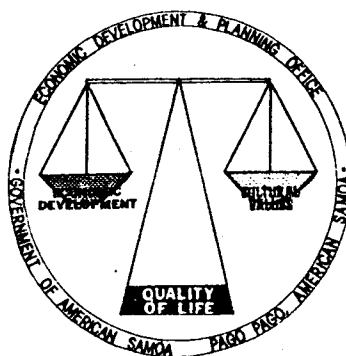
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# *AMERICAN SAMOA STATISTICAL DIGEST*

1 9 9 3



Prepared by: Economic Development and Planning Office  
Research and Statistics Division  
AMERICAN SAMOA GOVERNMENT

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**AMERICAN SAMOA  
STATISTICAL DIGEST  
1993**

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5) Table 2.9, page 51: Deaths by age and sex: 1992

<u>Age</u>	<u>Males</u>	<u>Females</u>
Under - 1	7	6
1 to 4	5	-
5 to 9	2	2
10-14	1	1
15-19	6	1
20-24	4	1
25-29	6	3
30-34	7	3
35-39	1	3
40-44	5	-
45-49	9	5
50-54	8	4
55-59	17	7
60-64	9	4
65-69	19	12
70-74	14	5
75-79	9	10
80-84	3	10
85+	7	10
Unknown	<u>1</u>	<u>-</u>
	140	91

- 6) Table 7.10, page 112 & 113: Total Departures = 80,796; South Asia = 63; and Other Areas = 50.
- 7) Table 8.1, page 121: Registered Voters Total = 15,265; Vaifanua = 951; and Fofu = 1,088
- 8) Table 8.2, pages 123 & 124: Under the 'Total' column, All ages = 15,265; Vaifanua = 951; Onenoa = 71; Fofu = 1,088; and Leone = 1,088. Under the 'Males' column, All ages = 7,415; Vaifanua = 444; Onenoa = 42; Fofu = 496; and Leone = 496.
- 9) Table 13.13, page 186: Second line of 'Note' should read "Data for FY1992 are not available".

ERRATA SHEET  
1993 STATISTICAL DIGEST  
AUGUST 03, 1994

1) Section I, page 15: Narrative - paragraph 4, line 6 - correction of the equation should read (sex ratio = 95).

2) Narrative for Section 2, paragraph #3, page 43:

The number of deaths also went up to 231 in 1992 from a low of 217 in 1991. The Crude Death Rate increased slightly by 0.1 percent making it a total of 4.5 per 1,000 persons, in comparison to the 1991 percent 4.4. The average number of deaths per month was 19. Infant mortality rate registered for 1992 at 6.7 per 1,000 live births, a decline from 11.0 in 1991. Total deaths under one year of age declined to 13 in 1992 from 20 in 1991. As in any human population, females outlived males. In 1992, the number of male deaths totaled 140 while females totaled only 91. The five leading causes of death were Heart diseases, Malignant neoplasm's, Cerebrovascular diseases, Accidents, and Nephritis & Nephrosis

3) Table 2.1, page 44: 1992 Deaths should read '231' omit '226'.

4) Table 2.2, page 46: 1992 Deaths by Month

March	20
April	20
May	23
July	12
December	20

The total is at '231'.

# ECONOMIC DEVELOPMENT & PLANNING OFFICE

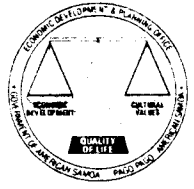


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## FOREWORD

The Economic Development and Planning Office, (EDPO) is pleased to present the sixteenth annual publication of, "The American Samoa Statistical Digest 1993".

The American Samoa Statistical Digest is the standard official summary of statistics on social, economic, and demographic profile of the territory. The Statistical Digest serves both as a summary of aggregated statistics about American Samoa, and also as a guide to source references of information and detailed subject-matter specifications than can be presented here. The Statistical Digest closely follows the organization and format of its counterparts, the State of Hawaii Data Book, and the Statistical Abstract of the United States.

Emphasis is given to the most recent available economic and social data provided by government agencies (both local and federal), private businesses, organizations and individuals. The EDPO wishes to thank all those involved in the preparation of this book. Without their unwavering cooperation every year, past, present, and future publications would not be possible. Those agencies and businesses are credited in the source references that accompany the tables to which they contributed.

We sincerely hope that users of this book will find the digest useful and informative. We welcome comments and suggestions for improving the Statistical Digest series. A self-addressed suggestion and comment sheet is provided at the end of the book for you to provide us with your comments.

ALFONSO 'PETE' GALEA'I  
Director,

Economic Development and Planning Office

## **STAFF ACKNOWLEDGEMENT**

This report was prepared and compiled by the EDPO's Research and Statistics Division, headed by Vai Filiga, Chief Statistician, and staff: Ianeta Sete, Lutia Mata'u and Fogatia Letuli.

## **METHOD OF ORDER**

Copies of this report may be obtained for \$7.50 each from the Economic Development Planning Office at Utulei, Executive Office Building, second floor, or may be ordered from outside the Territory by sending a money order for \$10.00 per copy, (postpaid) to the Economic Development Planning Office, American Samoa Government, Pago Pago, American Samoa 96799.



## GUIDE TO TABULAR PRESENTATION

The following symbols used in the tables throughout this publication, are explained in enclosed form in foot-notes to the tables where they appear.

- represents zero or rounds to less than half the unit of measurement shown.

.. not available or not applicable.

r revised.

p provisional.

(D) Data withheld to avoid disclosing data for individual farms.

Headnotes immediately below table titles provide information important for interpretation or evaluation of the table as a whole or for a major segment of it.

Unit indicators ("In thousands", "In millions of dollars", etc.) are usually given as the first element of the headnote. In tables where several units are used, the unit indicators are generally given in the stub in the column headings.

Footnotes below the bottom rule of tables give information relating to specific items, figures or symbols within the table. In some tables, details will not add exactly to the totals shown due to rounding.

All annual statistics should be understood as referring to calendar years unless otherwise indicated.



## UNITED STATES AND METRIC WEIGHTS AND MEASURES

U.S.	to	Metric	to	U.S.
<b>Length</b>				
Inches	x 25.4	=	millimeters	millimeters
Feet	x 0.305	=	meters	x 0.039 = inches
Statute miles	x 1.609	=	kilometers	x 3.281 = feet
				x 0.621 = miles
<b>Area</b>				
Sq. feet	x 0.093	=	sq. meters	sq. meters
Acres	x 0.405	=	hectares	x 10.764 = sq. feet
Sq. miles	x 2.589	=	sq. kilometers	x 2.471 = acres
				sq. kilometers x 0.386 = sq. miles
<b>Volume &amp; Capacity</b>				
Cubic feet	x 0.028	=	cu. meters	cu. meters
Cubic yards	x 0.765	=	cu. meters	x 35.315 = cu. feet
Fluid ounces	x 29.573	=	milliliters	x 1.308 = cu. yards
Quarts (liq.)	x 0.946	=	liter	x 0.034 = fl. oz.
Gallons (liq.)	x 3.785	=	liters	x 0.057 = qts. (liq.)
				x 0.264 = gals (liq.)
<b>Mass</b>				
Oz. (avdp.)	x 28.350	=	grams	grams
lbs. (avdp.)	x 0.454	=	kilograms	x 0.035 = oz. (avdp.)
hwt.	x 45.359	=	kilograms	x 2.205 = lbs. (avdp.)
Short tons	x 0.907	=	metric tons	x 0.022 = hwt.
				x 1.102 = short tons

### Miscellaneous conversions

1 statute mile = 5,280 feet = 1,760 yards  
 1 square mile = 640 acres

1 acre = 43,560 sq. feet  
 1 short ton = 2,000 pounds

## UNITED STATES AND METRIC WEIGHTS AND MEASURES

Fahrenheit	to	Celsius	Celsius	to	Fahrenheit
Temperature					
100 °F		37.8 °C	40 °C		104.0 °F
90		32.2	35		95.0
80		26.7	30		86.0
70		21.1	25		77.0
60		15.6	20		68.0
50		10.0	15		59.0
40		4.4	10		50.0
30		-1.1	5		41.0
20		-6.7	0		32.0
10		-12.2	-5		23.0
			-10		14.0

Source: The State of Hawaii Data Book 1990, A Statistical Abstract.

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# SECTION 1

## POPULATION

This section presents statistics on the growth, geographic distribution and composition of the population of American Samoa.

The estimated mid year population of the territory as of July 1, 1993 was 52,900; an increase of about 2,000 when compared to the mid year 1992 estimated total of 50,900.

The 1990 census reflected a much higher annual growth rate of 3.7 percent since the last two decades. Given this high growth rate, it is expected that our population will reach 63,000 in the year 2000. The high growth rate is attributed to the fact that migration played a significant role in the demographic transition of our population. This is supported by the decline in the percentage of persons born in the territory (from 58.3 in 1980 to 54.7 in 1990), and the apparent net in-migration of about 2,000 persons between the two census periods. On the other hand, the level of fertility (which was expected to decline) has gone up again from 4.4 per 1,000 women between 1981 - 1985 to 4.5 between 1986 - 1990. Economic development, social stability, and a better standard of living when compared to neighboring islands have attracted migrants to the territory.

Our population is very young. The median age for the territory (which reflected the demographic structure and periods of transitions in human population), remained at around 21 years, compared to about 33 years for the U.S. Most human population especially in large developed countries have more females than males because male mortality is higher. This is true for the U.S. where there were more females than males (sex ration = 95), whereas American Samoa had a sex ratio of about 106 (106 males for every 100 females).

Our population growth is ranked 6th compared to other countries in the South Pacific Region, and with only about 200 square kilometers (77 square miles) of land area, we have about 234 persons per square kilometer or 607 per square mile.

The proportions of those born outside of the territory continued to increase. In 1990, the percent went up from 42 to 45. The distribution of persons' birthplace by age also differs significantly. While the American Samoan born population remained relatively close to the overall distributions (i.e. higher proportions in young ages, 0 - 24 years), the distributions of Western Samoan and the Tongan born were highly concentrated in middle age groups (20 to 39 years ), suggesting age suggesting age selective migration from neighboring islands.

TABLE 1.1. PRINCIPAL PHYSICAL FEATURES OF ISLAND COUNTRIES IN  
THE SOUTH PACIFIC: 1992

Island group	Estimated Population mid-year	Land area, sq.kilo- meter	Sea area, square kilometer	Population density, persons per sq.km.	Percent Annual growth rate
South Pacific Region ...	6,501,400	550,772	29,523	12	2.0
American Samoa .....	50,900	200	390	255	3.8
Cook Islands .....	17,800	237	1,830	75	1.1
Federated States of Micronesia .....	114,800	701	2,978	164	4.0
Fiji .....	753,000	18,272	1,290	41	1.9
French Polynesia .....	205,800	3,521	5,030	58	2.5
Guam .....	140,100	541	218	259	1.1
Kiribati .....	75,200	810	3,550	93	1.9
Marshall Islands .....	50,000	181	2,131	276	2.2
Nauru .....	9,800	21	320	467	1.2
New Caledonia .....	176,900	19,103	1,740	9	2.0
Niue .....	2,200	259	390	8	2.1
Northern Mariana Is. ....	54,000	471	777	115	4.2
Palau .....	15,900	488	629	33	1.8
Papua New Guinea .....	4,056,000	462,243	3,120	9	1.5
Pitcairn Island .....	100	5	800	20	0.0
Solomon Islands .....	337,000	27,556	1,340	12	3.7
Tokelau .....	1,600	10	290	160	-1.3
Tonga .....	97,400	747	700	130	0.5
Tuvalu .....	9,300	26	900	358	2.3
Vanuatu .....	156,500	12,190	680	13	2.4
Wallis & Futuna .....	14,100	255	300	55	4.0
Western Samoa .....	163,000	2,935	120	56	0.3

SOURCE: South Pacific Commission, South Pacific Economies Statistical  
Summary, 1993.

Table 1.2. CENSUS POPULATION AND ANNUAL GROWTH RATE:  
1900 TO 1990

Year	Population			Annual growth rate (percent)
	Total	Males	Females	
1990 .....	46,773	24,023	22,750	3.7
1980 .....	32,297	16,384	15,913	1.8
1974 .....	29,190	14,747	14,443	1.6
1970 .....	27,159	13,682	13,477	3.0
1960 .....	20,051	10,164	9,887	-0.1
1956 .....	20,154	10,107	10,047	1.0
1950 .....	18,937	9,818	9,119	2.8
1945 .....	16,493	8,565	7,928	4.9
1940 .....	12,908	6,612	6,296	2.5
1930 .....	10,055	5,208	4,847	3.4
1926 .....	8,763	4,494	4,269	1.4
1920 .....	8,058	4,092	3,966	1.3
1912 .....	7,251	3,836	3,415	1.3
1908 .....	6,780	3,619	3,161	2.8
1903 .....	5,888	..	..	2.8
1901 .....	5,563	..	..	-2.0
1900 .....	5,679	..	..	..

NOTE: Censuses of 1956 and 1974 were local censuses.

SOURCE: U.S. Bureau of the Census, Censuses of Population; Economic Development Planning Office.

# POPULATION OF AMERICAN SAMOA

1930 - 1990

CENSUS COUNT

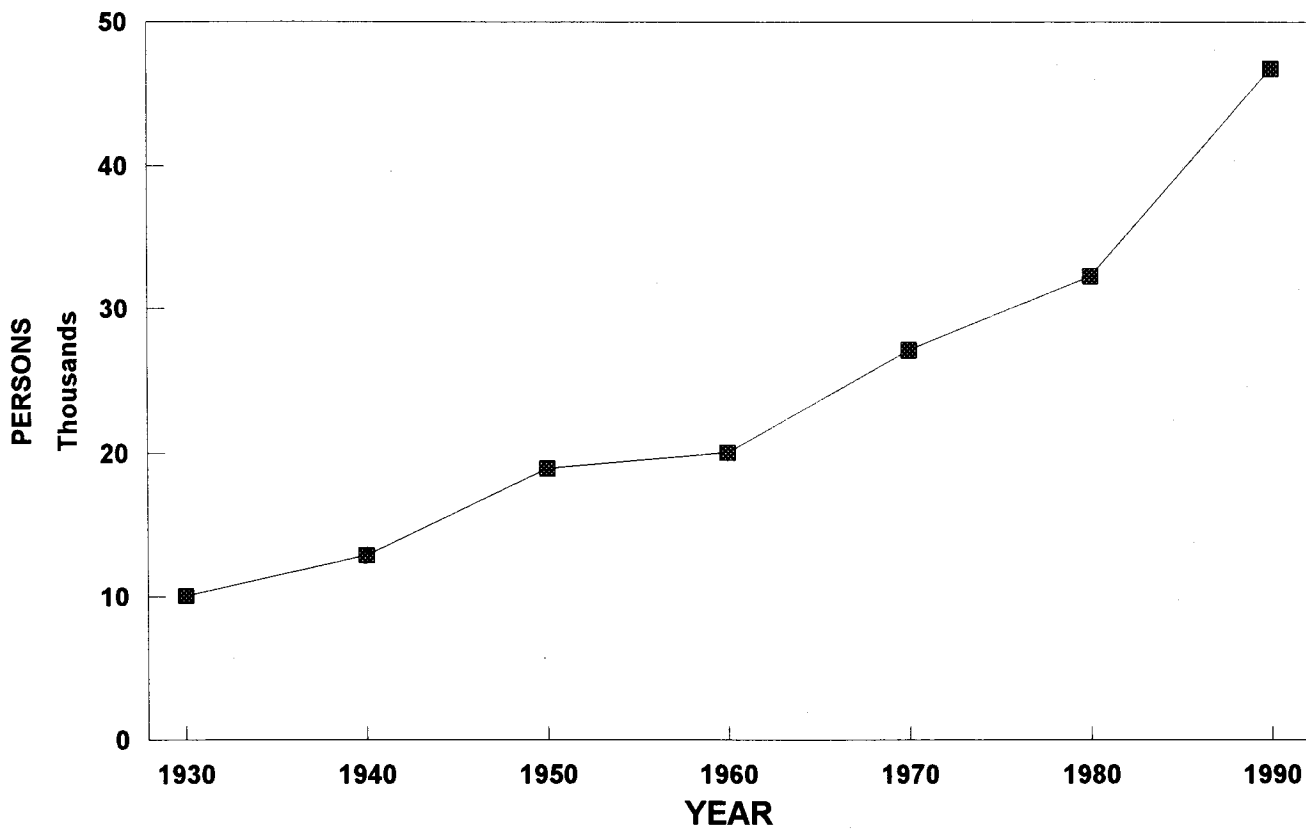


TABLE 1.3. POPULATION DENSITY BY DISTRICT: 1900 TO 1990

Census year	Persons per square kilometer					
	Popula- tion	American Samoa	Tutuila			Manu'a
			Total	Eastern	Western	
1990 .....	46,773	234	346	371	327	25
1980 .....	32,297	161	235	304	181	26
1974 .....	29,190	146	210	295	144	27
1970 .....	27,159	136	192	280	124	32
1960 .....	20,051	100	133	195	84	41
1956 .....	20,154	101	133	200	81	42
1950 .....	18,937	95	123	186	73	44
1940 .....	12,908	65	78	118	47	40
1930 .....	10,055	50	60	88	38	33
1926 .....	8,763	44	51	74	33	32
1920 .....	8,058	40	48	66	33	28
1912 .....	7,251	36	42	56	31	26
1908 .....	6,780	34	38	53	26	27
1903 .....	5,888	29	32	43	24	25
1901 .....	5,563	28	30	41	22	24
1900 .....	5,679	28	30	39	23	26

SOURCE: U.S. Bureau of the Census, Censuses of Population; Economic Development Planning Office.

Table 1.4. MID-YEAR POPULATION ESTIMATES: 1981 TO 1993

Year	Population	Year	Population
1993	52,900	1980	32,700
1992	50,900	1979	32,000
1991	49,000	1978	31,000
1990	47,200	1977	31,000
1989	45,500	1976	30,000
1988	43,900	1975	30,000
1987	42,200	1974	29,000
1986	40,600	1973	29,000
1985	39,100	1972	28,000
1984	37,600	1971	28,000
1983	36,300	1970	27,000
1982	35,100	1965	24,000
1981	33,900	1960	20,000

NOTE: Mid-year estimates were recalculated, using births, deaths and estimated migration intercensal approach, (refer to Table 1.5). Estimates were rounded to nearest hundred.

SOURCE: Economic Development Planning Office; Research and Statistics Division.

Table 1.5. MIGRATION AND NATURAL INCREASE: 1970 TO 1990

Component	1980 to 1990	1974 to 1980	1970 to 1974
1. First census population	32,297	29,190	27,159
2. Second census population	46,773	32,297	29,190
3. Net increase	14,476	3,107	2,031
4. Births	14,150	5,945	4,143
5. Deaths	1,601	724	602
6. Natural increase	12,549	5,221	3,541
7. Apparent net migration	1,927	(2,114)	(1,510)
8. Percent intercensal increase	44.8	10.6	7.5
9. Percent intercensal natural increase	38.9	17.9	13.0
10. Percent intercensal net migration	6.0	-7.2	-5.6
11. Annual rate of growth (percent)	3.7	1.8	1.6

SOURCE: Economic Development Planning Office; Research and Statistics Division.

Table 1.6. POPULATION PROJECTION BY AGE GROUP AND SEX:  
1995 TO 2025

Age group	2025	2020	2015	2010	2005	2000	1995
Total .....	107,386	97,783	88,417	79,644	71,331	63,110	54,838
0-4 .....	12,265	11,595	10,634	9,877	9,521	9,335	8,946
5-9 .....	11,556	10,600	9,845	9,491	9,305	8,918	6,872
10-14 .....	10,581	9,827	9,474	9,288	8,902	6,859	5,617
15-19 .....	9,803	9,451	9,266	8,881	6,843	5,604	5,231
20-24 .....	9,413	9,230	8,846	6,816	5,582	5,211	4,697
25-29 .....	9,185	8,804	6,783	5,555	5,185	4,675	4,612
30-34 .....	8,756	6,748	5,525	5,158	4,650	4,589	4,146
35-39 .....	6,861	5,662	5,483	4,671	4,467	3,921	3,620
40-44 .....	5,436	5,075	4,577	4,516	4,081	3,486	2,711
45-49 .....	4,999	4,510	4,451	4,023	3,436	2,672	2,250
50-54 .....	4,403	4,348	3,930	3,355	2,610	2,198	1,746
55-59 .....	4,185	3,786	3,231	2,513	2,116	1,681	1,482
60-64 .....	3,562	3,040	2,366	1,990	1,580	1,394	1,027
65+ .....	6,539	5,281	4,366	3,562	2,962	2,370	1,983
Males .....	53,973	49,253	44,645	40,325	36,219	32,144	28,037
0-4 .....	6,201	5,862	5,377	4,994	4,814	4,720	4,524
5-9 .....	5,839	5,356	4,974	4,795	4,702	4,507	3,543
10-14 .....	5,343	4,963	4,784	4,691	4,496	3,535	2,916
15-19 .....	4,947	4,769	4,676	4,482	3,523	2,907	2,815
20-24 .....	4,743	4,651	4,458	3,504	2,891	2,800	2,385
25-29 .....	4,620	4,429	3,482	2,873	2,782	2,370	2,266
30-34 .....	4,399	3,458	2,854	2,763	2,354	2,251	1,976
35-39 .....	3,431	2,831	2,742	2,336	2,234	1,961	1,810
40-44 .....	2,800	2,712	2,311	2,210	1,940	1,791	1,355
45-49 .....	2,666	2,272	2,173	1,907	1,761	1,332	1,177
50-54 .....	2,209	2,114	1,855	1,713	1,296	1,145	953
55-59 .....	2,018	1,772	1,636	1,238	1,094	911	807
60-64 .....	1,644	1,519	1,149	1,016	846	750	549
65+ .....	3,114	2,543	2,174	1,803	1,486	1,165	961

Continued on next page.



Table 1.6. POPULATION PROJECTION BY AGE GROUP AND SEX:  
1995 TO 2025 (con.)

Age group	2025	2020	2015	2010	2005	2000	1995
Females ..	53,412	48,531	43,772	39,319	35,112	30,966	26,802
0-4 .....	6,065	5,732	5,258	4,883	4,707	4,614	4,422
5-9 .....	5,717	5,244	4,871	4,695	4,603	4,411	3,329
10-14 .....	5,237	4,864	4,689	4,597	4,406	3,325	2,701
15-19 .....	4,857	4,682	4,590	4,399	3,320	2,697	2,416
20-24 .....	4,671	4,579	4,389	3,312	2,690	2,411	2,312
25-29 .....	4,564	4,375	3,302	2,682	2,403	2,305	2,346
30-34 .....	4,358	3,289	2,672	2,394	2,296	2,337	2,170
35-39 .....	3,271	2,658	2,382	2,284	2,325	2,159	1,709
40-44 .....	2,636	2,363	2,266	2,307	2,142	1,696	1,356
45-49 .....	2,333	2,238	2,278	2,115	1,675	1,340	1,073
50-54 .....	2,194	2,234	2,074	1,643	1,314	1,053	793
55-59 .....	2,167	2,013	1,594	1,276	1,022	770	675
60-64 .....	1,919	1,521	1,217	975	734	644	478
65+ .....	3,425	2,738	2,192	1,759	1,476	1,205	1,022

NOTE: Assumption used in the projection. Preliminary figures.

1. Decline in TFR from 4.67 from beginning of projection period to 3.23 at the end of projection period with zero migration.

SOURCE: Economic Development Planning Office, Research and Statistics Division.

Table 1.7. CENSUS POPULATION BY AGE: 1960 TO 1990

Age group	1990	1980	1974	1970	1960
Total .....	46,773	32,297	29,103	27,159	20,051
0-4 .....	6,952	4,786	4,640	4,691	3,709
5-9 .....	5,640	4,218	4,545	4,415	3,244
10-14 .....	5,229	4,203	3,911	3,773	2,993
15-19 .....	4,718	3,849	3,146	3,088	2,182
20-24 .....	4,664	3,057	2,287	2,170	1,444
25-29 .....	4,161	2,388	2,071	1,680	1,154
30-34 .....	3,513	2,066	1,758	1,526	1,107
35-39 .....	2,721	1,610	1,492	1,244	1,030
40-44 .....	2,246	1,503	1,281	1,164	814
45-49 .....	1,779	1,184	1,160	934	688
50-54 .....	1,522	1,077	857	820	474
55-59 .....	1,093	776	754	625	425
60-64 .....	923	635	483	361	247
65-69 .....	667	413	305	322	226
70-74 .....	424	237	237	149	147
75+ .....	521	295	176	197	167
Percent total .....	100.0	100.0	100.0	100.0	100.0
0-4 .....	14.9	14.8	15.9	17.3	18.5
5-9 .....	12.1	13.1	15.6	16.3	16.2
10-14 .....	11.2	13.0	13.4	13.9	14.9
15-19 .....	10.1	11.9	10.8	11.4	10.9
20-24 .....	10.0	9.5	7.9	8.0	7.2
25-29 .....	8.9	7.4	7.1	6.2	5.8
30-34 .....	7.5	6.4	6.0	5.6	5.5
35-39 .....	5.8	5.0	5.1	4.6	5.1
40-44 .....	4.8	4.7	4.4	4.3	4.1
45-49 .....	3.8	3.7	4.0	3.4	3.4
50-54 .....	3.3	3.3	2.9	3.0	2.4
55-59 .....	2.3	2.4	2.6	2.3	2.1
60-64 .....	2.0	2.0	1.7	1.3	1.2
65-69 .....	1.4	1.3	1.0	1.2	1.1
70-74 .....	0.9	0.7	0.8	0.5	0.7
75+ .....	1.1	0.9	0.6	0.7	0.8

SOURCE: U.S. Bureau of the Census, Censuses of Population. Economic Development Planning Office.