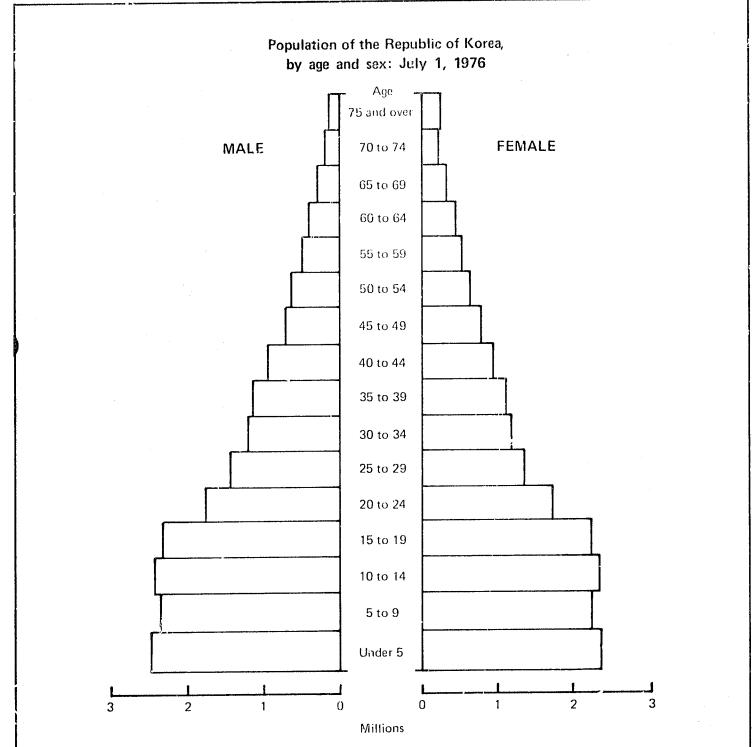


COUNTRY DEMOGRAPHIC PROFILES

## REPUBLIC OF KOREA

U.S. Department of Commerce BUREAU OF THE CENSUS ISP-DP-17 Issued June 1978



Projection based on Republic of Korea's 1975 census of population, as adjusted by the U.S. Bureau of the Census, table 2, this report.



BUREAU OF THE CENSUS Manuel D. Plotkin, Director Robert L. Hagan, Deputy Director Daniel B. Levine, Associate Director for Demographic Fields

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#### ACKNOWLEDGMENTS

Country Demographic Profiles is a new series of reports which brings together a variety of demographic data for selected countries of the world, and usually includes data for both a recent census year and the current period. The reports are prepared in the Population Division, Bureau of the Census, under a Resources Support Services Agreement with the Development Support Bureau, Agency for International Development. General direction was provided by Samuel Baum, Assistant Chief (International Demographic Statistics), Population Division. This profile of the Republic of Korea was prepared by Glenda S. Finch under the supervision of Sylvia D. Quick, Acting Chief, International Data Evaluation Branch.

Users of this report are invited to send their comments to the Chief, Population Division, Bureau of the Census, Washington, D.C. 20233.

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### Republic of Korea

#### INTRODUCTION

This profile of the population of the Republic of Korea contains tables of selected demographic information, including size of population, and estimates of fertility and mortality. Specifically, annual estimates of total population are shown beginning in 1950. An adjusted distribution of the population by age and sex is given for the latest census year, as well as for 1976. Projections of the number of women of childbearing age are shown for each year to 1985.

Fertility measures shown in the profile include crude birth rates, age-specific fertility rates, and gross and net reproduction rates. Mortality is shown in terms of crude death rates, life expectancy at birth, infant mortality rates, and selected life table values by age and sex.

Also presented is summiny information on family planning, urban population, marital status, and some data from which past migration can be inferred. Other related items are included that are not strictly demographic, such as number and size of households; educational attainment; school enrollment; labor force by industry, occupation, and status; and some other selected indicators.

#### SOURCES AND QUALITY OF DATA

Data for this profile were obtained primarily from the October 1, 1970 and October 1, 1975 population censuses, the 1966 Special Demographic Survey, the 1971 Fertility-Abortion Survey, and the 1973 National Fertility Survey. The 1975 age sex distribution used for analysis in this profile was based on a sample questionnaire of approximately 5 percent. The quality of the age-sex distributions from the population censuses would be described as fairly unreliable based on scores of the United Nations Age-Sex Accuracy Index of 26 for 1966, 27 for 1970, and 21 for 1975. Limitations of this index include the failure to take account of the expected decline in the sex ratios with increasing age, of real fluctuations due to migration, war, and epidemic, and of normal fluctuations in births and deaths. The U.N. Age-Sex Accuracy Index is primarily a measure of net age misreporting and, for the most part, does not measure net coverage error. However, by using the 1970 Post Enumeration Survey and by applying selected analytical techniques to

the age-sex data, the census distributions were adjusted for possible age misreporting and net coverage error (see table 2 for 1975 adjusted census and appendix table A-2 for 1970 adjusted census). The estimated net (percent) underenumeration for the total population and the population under age 10, by sex, in 1966, 1970, and 1975 are shown below:

Year and sex	All ages	Under age 10
1966		
Both sexes Male Female	2.9 2.1 3.6	5.0 3.5 6.5
1970		
Both sexes Male Female	5.2 4.7 5.6	7.6 6.1 9.1
1975		
Both sexes Male Female	6.2 5.8 6.7	8.3 5.7 9.9

The Republic of Korea has a vital registration system, but it is considered to be incomplete. The latest available data on births and deaths from the registration system are for 1966 and 1967, respectively. Based on births and deaths estimated at the U. S. Bureau of the Census, about 75 percent of the vital events in 1966 were registered. Since vital statistics for Korea are inadequate, the sources used for estimating fertility and mortality were the 1966 Special Demographic Survey, the 1970 and 1975 population censuses, the 1971 Fertility-Abortion Survey, and the 1973 National Fertility Survey. Preliminary data from the 1974 Korean National Fertility Survey (World Fertility Survey) were also considered and are shown in appendix table A-4. According to the survey report, these rates "are tentative estimates based on all too simple assumptions. More refined estimates will be prepared at a later date after the quality of birth and age reporting is systematically assessed" (Korean Institute for Family Planning, 1977, pp. 25-27). It should be noted, however, that the 1974 Korean National Fertility Survey rates are quite similar in level and pattern of fertility to the estimated rates for 1975 shown in table 7.

The user is urged to consider all data in the context of the source notes which describe how the figures were derived. Complete documentation, including worksheetr and other notes on all sources considered, is maintained in the Population Division. The user who has special interest in the data is invited to correspond with the Population Division for further details as well as to offer comments.

### Glossary

(Following are definitions of terms as used in the tables and the notes of this profile)

Active users. Persons using methods of contraception at a given point in time.

Age pattern of fertility. The percent distribution of a set of age-specific fertility rates. It expresses the relative contribution of each age group to total fertility.

Age-specific fertility rate. The number of births during 1 year to women in a given 5-year age group per 1,000 women in the same age group (based on midgear population).

Age-specific marital fertility rate. The number of births to married women in a given age group per 1,000 married women in the same age group.

Birth rate. The number of births during 1 year per 1,000 persons (based on midyear population). Also called crude birth rate.

Children ever born. The number of live births a woman has had regardless of whether the children are now living or dead, or living with or away from the mother.

**Cohort.** A group of individuals who experience the same event in the same calendar period, such as the same year of birth or marriage.

**Component method.** A method of projecting the size of a population by age and sex, in which separate assumptions are made concerning the future fertility, mortality, and migration rates of the population.

Crude birth rate. See birth rate.

Crude death rate. See death rate.

Death rate. The number of deaths during 1 year per 1,000 persons (based on midyear population). Also called crude death rate.

**Ever-married women.** All women who are now, or who have been, married. The category includes the currently married and the widowed, divorced, or separated.

Gross reproduction rate. The average number of daughters born per woman in a group of women passing through the childbearing years and experiencing a given set of age-specific fertility rates. This rate implicitly assumes that all the women live to the end of the childbearing years. (See also net reproduction rate.)

**Growth rate.** The annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population.

Infant mortality rate. The number of deaths of children under 1 year of age per 1,000 live births in a calendar year.

Life expectancy at birth. The average number of years to be lived by persons born in a certain year if mortality rates for each age group remain constant in the future.

Median age of childbearing. The midpoint age that separates the younger half of all women giving birth in a given year from the older half.

Net reproduction rate. A refinement of the gross reproduction rate that allows for mortality of women from birth to the end of their reproductive years.

New acceptors. Persons accepting methods of contraception from family planning systems may include clients changing from one service organization to another; clients changing to a different contraceptive method; clients resuming acceptance of contraceptive services after a lapse of 1 year; as well as clients accepting contraceptive services for the first time.

Rate of natural increase. The annual increase (or decrease) to the population resulting from a surplus (or deficit) of

births over deaths, expressed as a percentage of the midyear population. The natural increase of the population does not include the migration of persons into or out of the country.

Sex ratio at birth. The number of male births for each female birth.

Total fertility rate (TFR). The average number of children that would be born per woman if all women lived to the end of their childbearing years and bore children according to a given set of age-specific fertility rates. It is five times the sum of the age-specific fertility rates, divided by 1,000. United Nations Age-Sex Accuracy Index. An index developed by the United Nations to measure irregularities in age distributions in 5-year age groups. Index values of less than 20 usually describe "reasonably reliable" age distributions, values between 20 and 40 "fairly unreliable" age distributions, and values over 40 "quite unreliable" age distributions. The United Nations states that although high test scores may reflect actual irregularities in the age data caused by past demographic fluctuations or international migrations, usually, to a larger extent, they reflect errors in the age data.

(In thousands)					
Year	Population	Year	Population	Year	Population
LSTIMATES		ESTIMATESCon.		ESTIMATES Con.	
1950 1951 1952 1953 1954	21,147 21,178 21,250 21,365 21,566	1960 1961 1962 1963 1964	25,984 26,802 27,605	1970 1971 1972 1973 1974	32,976 33,785 34,595 35,374 36,119
1955 1956 1957 1958 1959	22.938 23,590	1965 1966 1967 1968 1968	29,130 29,863 30,614 31,389	1975 PROJECTIONS 1976	36,835 37,522

Table 1. ESTIMATES AND PROJECTIONS OF MIDYEAR POPULATION: 1950 TO 1976

Source: The 1950 to 1975 estimates are based on the inflated 1949 and 1955 censuses, the adjusted 1960, 1966, 1970, and 1975 censuses, and estimated fertility, mortality, and migration trends from 1950 to 1975. The 1960 census was adjusted for estimated net underenumeration of 2.0 percent; the 1966 census for 2.9 percent; the 1970 census for 5.2 percent; and the 1975 census for 6.2 percent. The 1949 and 1955 censuses were inflated assuming the same net underenumeration as in the 1960 census. The adjustments of the 1960 and 1966 censuses are based on the adjusted 1970 census, age-specific fertility rates for the intercensal periods from the 1971 Fertility-Abortion Survey Korean Institute for Family Planning, 1976, appendix A), and estimated mortality for the intercensal periods see tables 3, 4, and 5). The 1970 census was adjusted based on the 1970 Post-Enumeration Survey, by age and sex (University of Hawaii East-West Population Institute, no date), and an expected pattern of sex ratios. An additional adjustment was made for the population under 10 years of age using age-specific fertility rates from the 1971 Fertility-Abortion Survey to estimate births, and estimated mortality for the 1960 to 1970 period to estimate the survivors of these births. After a cohort analysis of the 1970 and 1975 unadjusted censuses, the 1975 census was adjusted based on the 1970 adjusted census population, and estimated fertility, mortality (see tables 3, 4, 7, and appendix table A-3), and migration for the 1970 to 1975 period. Estimates of net emigration for 1970 to 1975 were based primarily on the number of emigrants from Korea as reported in the immigration statistics of the United

The 1976 population figure was projected by the component method. The base of the projections was the 1975 adjusted census population, by age and sex. Assumptions were as follows:

Fertility: The total fertility rate of 3.65 in 1975 was assumed to decrease to 3.42 in 1976, a drop of over 6 percent. This assumes a continuation of the rate of decline of the total fertility rate from 1972 to 1975 (from 4.35 to 3.65). See appendix table A-3 for age-specific fertility rates.

Mortality: Life expectancies at Lirth increased from 63.7 years to 64.1 years for males and from 69.3 years to 69.6 years for females from 1975 to 1976. The 1976 levels for males and females were obtained by graphical extrapolation of the trends exhibited by life expectancies at birth from life tables for 1961, 1966, and 1970 see table 4 and appendix table A-5).

Migration: A net emigration of 13,300 males and 20,800 females was assumed for the period July 1, 1975 to June 30, 1976. These totals, as well as the age distribution of the migrants, were derived using data on emigrants from Korea as reported in the immigration statistics of the United States and Canada.

## Table 2. ESTIMATED AND PROJECTED POPULATION BY AGE AND SEX: OCTOBER 1975AND MIDYEAR 1976

4.00	Adjusted ce	ensus, Octo	ber 1975 <sup>1</sup>	Projected pop	oulation, mid	year 1976
Age	Both sexes	Male	Female	Both sexes	Male	Female
All ages	37,007	18,517	18,490	37,522	18,781	18,741
0 to 4 years	4,902	2,505	2,397	4,841	2,476	2,366
5 to 9 years	4,657	2,369	2,288	4,622	2,352	2,270
10 to 14 years	4,814	2,448	2,366	4,775	2,427	2,348
15 to 19 years	4,429	2,253	2,176	4,546	2,312	2, 234
20 to 24 years	3,324	1,689	1,635	3,505	1,782	1,723
25 to 29 years	2,702	1,371	1,331	2,773	1,409	1,365
30 to 34 years	2,335	1,179	1,156	2,363	1,194	1,168
35 to 39 years	2,214	1,113	1,101	2,228	1,121	1,106
40 to 44 years	1,865	915	<b>ُ 950</b>	1,929	<b>952</b>	<b>977</b>
45 to 49 years	1,461	685	775	1,510	711	799
50 to 54 years	1,273	619	654	1,294	624	670
55 to 59 years	996	481	515	1,030	498	532
60 to 64 years	794	374	421	813	383	430
05 to 69 years	571	256	315	594	267	326
70 to 74 years	338	141	197	367	155	213
75 years and over	333	119	214	332	118	214

(In thousands. Figures may not add to totals due to rounding)

<sup>1</sup>For unadjusted 1975 census figures see appendix table A-1. For 1970 census figures see appendix table A-2.

Source: See note to table 1.

Year	Births per 1,000 pop- ulation	Deaths per 1,000 pop- ulation	Ratc of natural increase (percent)	Growth rate (percent)
1960,	45	12	3.3	3.3
1966	33	8	2.5	2.5
1970	32	7	2.5	2.4
1975	26	6	2.0	1.9
1976	25-26	6	1.8-2.0	1.8-1.9

## Table 3. ESTIMATED AND PROJECTED VITAL RATES FOR SELECTED YEARS: 1960 TO 1976

Source: Crude birth rates for 1960, 1966, 1970, and 1975 were calculated using age-specific fertility rates (see table 7) and midyear populations, by age and sex, based on adjusted census populations.

Crude death rates for 1960, 1966, 1970, and 1975 were estimated based on adjusted midyear populations for these years and age-sex specific life table central death rates (m\_values as defined in table 5). The life tables were derived at the U.S. Bureau of the Census (for discussion of 1966 and 1970 life tables, see table 4). The 1960 life tables were estimated using the pattern of mortality from the 1961 life tables (see table 4) and estimates of life expectancy at birth derived using the average annual change in life expectancy between 1961 and 1966. The 1975 life tables were estimated using the pattern of mortality from the 1966 life tables and 1975 life expectancies at birth estimated by graphical extrapolation of the 1961, 1966, and 1970 values.

The range in vital rates for 1976 is implied by alternate component population projections. These projections assume that the total fertility rate (TFR) of 3.65 in 1975 declined to 3.51 in 1976 for the upper bound, a drop of almost 4 percent. This series assumes that the decline in fertility between 1975 and 1976 was slower than the average annual decline observed between 1972 and 1975 (from 4.35 to 3.65). The lower-bound projection assumes a decline of the total fertility rate to 3.33 in 1976, a drop of almost 9 percent from the 1975 level. This series assumes an acceleration of the rate of decline between 1972 and 1975. Considering past trends and allowing for annual fluctuations in fertility, it is considered that these assumptions present a reasonable range within which the actual fertility level may fall. See appendix table A-3 for age-specific fertility rates. For mortality and migration assumptions, see table 1. A crude birth rate of 25 and a crude death rate of 6 for 1976 are consistent with the projection series

Rates of natural increase were calculated from unrounded crude birth and death rates. They may not equal the difference between the crude birth and death rates shown due to rounding. Growth rates for 1970, 1975, and 1976 include estimates of net international migration (see table 1).

## Table 4. ESTIMATED INFANT MORTALITY RATE AND LIFE EXPECTANCY AT BIRTH FOR SELECTED YEARS: 1961 TO 1970

Year	Infant deaths per 1,000 live bi ths	at birth
1961	68	57
1966	55	62
1970	47	64

Source: The 1961, 1966, and 1970 infant mortality rates were calculated using the q values from the 1961, 1966, and 1970 life tables (see below) and a sex ratio at birth of 1.06.

Life expectancies at birth for 1961 and 1966 were derived from life tables estimated at the U.S. Bureau of the Census (see below). The 1970 life expectancy was estimated considering life expectancy at birth for 1966 from the adjusted 1966 life tables and data on children ever born and children surviving from the 1970 census. The 1961 male life table was based on the central death rates from the official empirical 1961 life table (United Nations Economic and Social Commission for Asia and the Pacific, 1975, pp. 270-271), adjusted by the logit technique (Brass and Coale, 1968, pp. 127-135). The 1961 female life table was based on a graphical adjustment of the mortality rates from the 1961 empirical life table. The 1966 life tables were derived using mortality rates, by age and sex, from the 1966 Special Demographic Survey (Republic of Korea Economic Planning Board, 1970, pp. 8-10), adjusted by the logit technique (see appendix table A-6 for life tables). The 1970 life tables were derived using the patterns of mortality from the 1966 adjusted life tables and the 1970 estimated life expectancies.

THE TRUE TRUES, BI SEA. 1970	Table 5.	ESTIMATED LIFE TABLE VALUES, BY SEX:	1970
------------------------------	----------	--------------------------------------	------

	Annual number of	In stationary	population	Average		
	deaths per 1,000		Number of persons	Average number		
Age interval	persons occurring	Number of persons	living between	of years of life		
<u> </u>	between age x and	living at exact	riving between	remaining for		
	$ag \in x + n$	age x	age x and age	those alive at		
	_	age x	x + n	exact age x		
(x to x+n)	(1000 m)	(1 <sub>x</sub> )	$\binom{n^{L}\mathbf{x}}{\mathbf{x}}$	$(\mathbf{e}_{\mathbf{x}})$		
MALE						
Under 1 year	56.2	100,000				
l to 4 years	4.9		95,681	61.6		
5 to 9 years.	1.5	94,621	373,875	64.1		
10 to 14 years.	1.2	92,784	462,159	61.3		
15 to 19 years	2.0	92,079	459,052	56.8		
	2.0	91,541	455,485	52.1		
20 to 24 years	2.8	00 /00		•		
25 to 29 years.		90,653	450,131	47.6		
0 to 34 years.	3.0	89,400	443,728	43.2		
35 to 39 years.	3.4	88,092	436,772	38.8		
0 to 44 years	4.2	86,617	428,556	34.4		
	5.8	84,805	418,004	30.1		
5 to 49 years	0.0		2			
0 to 54 years	8.3	82,397	403,587	25.9		
5 to 59 years	12.5	79,038	383, 254	21.9		
0 to $6k$ years	19.0	74,263	354,520	18.2		
0 to 64 years	29.2	67,545	314,728	14.7		
5 to 69 years	45.0	58,347	262,243	14.7		
0 to 74 years			,	TT . U		
5 to 79 years	70.2	46,550	197,984	9.0		
G years and over	109.3	32,643	128,191	6.7		
s years and over	204.5	18,633	91,109	4.9		
EMALE			,	- • J		
nder 1 year	41.2	100.000				
to 4 years		100,000	96,693	67.5		
to 9 years	3.4	96,018	380,811	69.3		
) to 14 years	1.0	94,734	472,448	66.2		
to 19 years	0.8	94,245	470,274	61.6		
	1.3	93,865	467,826	56.8		
) to 24 years	1.8	93,266				
to 29 years	2.1		464,280	52.2		
to 34 years	2.5	92,446	459,822	47.6		
to 39 years	3.0	91,483	454,610	43.1		
to 44 years		90,361	448,414	38.6		
	3.9	89,004	440,753	34.1		
to 49 years	5.3	87,297				
to 54 years	7.7		430,742	29.7		
to 59 years.	11.4	85,000 81,777	416,942	25.5		
to 64 years	17,8		397,599	21.4		
to 69 years	29.0	77,263	369,811	17.5		
	27 <sub>6</sub> U	70,661	329,417	13.9		
to 74 years	48.8	61 105	770 201	<b>-</b>		
to 74 years to 79 years years and over	48.8 81.5	61,105 47,816	272,304 198,615	10.7 7.9		

4

Source: See table 4 for detailed source note.

q			

#### Table 6. PROJECTED NUMBER OF WOMEN OF CHILDBEARING AGE: 1975 TO 1985

Year	All women, 15 to 49 years	15 to 19 years	1	25 to 29 years		35 to 39 vears		45 to 49 years
1975	9.082	2.166	1,627	1,325	1,150	1.096	946	772
1976	9.372	2,234	1.723	1,365	1,168	1,106	977	799
1977	9.664	2,284	1,832	1,407	1,194	1,111	1.007	829
1978	9,955	2.317	1,946	1,457	1,225	1,113	1,035	861
1979	10,236	2,335	2,052	1,519	1,260	1,118	1,059	894
1980	10,506	2,341	2,140	1,596	1,299	1,129	1,076	925
1981	10.763	2.334	2,209	1,691	1,539	1,148	1,086	956
1982	11.008	2,315	2,259	1,800	1,382	1,173	1,091	987
1983	11,242	2,291	2,293	1,914	1,431	1,204	1.094	1,015
1984	11,469	2,267	2,311	2,020	1,493	1,240	1,100	1,038
1985	11,692	2,251	2,317	2.109	1,571	1,279	1,111	1,056

.Midyear population in thousands. Figures may not add to totals due to rounding

Source: Projection based on the 1975 adjusted census population (see table 2). Assumptions were as follows:

Fertility: Assumptions regarding fertility have no effect on the number of women in these ages. Mortality: Life expectancy at birth for women vas assumed to increase from 69 years in 1975 to 72 years in 1985.

Migration: An annual net emigration of 20,800 females was assumed for the projection period. The age distribution of the migrants was derived using data on emigrants from Korea to the United States from 1970 to 1975.

#### Table 7. ESTIMATED AGE-SPECIFIC FERTILITY RATES AND SELECTED DERIVED MEASURES FOR SELECTED YEARS: 1960 TO 1975

		Birth	s per l	,000 wo	n∉n								
Agte	1960	1966	1970	1971	1972	1975	Derived measures	1960	1966	1970	1971	1972	1515
					l				I	I	1	l <u>-</u>	
15 to 19 years 20 to 24 years	$\frac{31}{249}$	$\frac{17}{187}$	$\frac{9}{184}$	$\frac{8}{188}$	$\frac{8}{171}$	8 177	rate per woman	6.28	4.64	4.51	4.57	4.35	3.65
25 to 29 years 30 to 34 years	338 277	$\frac{299}{220}$	$\frac{322}{225}$	342 212	$\frac{334}{220}$	$\frac{266}{158}$	Gross reproduction rate per woman	3.05	2.26	2,19	. 32	2.11	1.77
35 to 39 years 40 to 44 years	$\frac{221}{124}$	$\frac{137}{62}$	$\frac{112}{43}$	112 $44$	99 34	74 37	Net reproduction rate per woman	2.52	2.02	2.00	2.04	1.95	1.65
45 to 49 years	16	7	7	8	5	11	Sex ratio at birth						1.00

Source: The 1960, 1966, and 1970 total and age-specific fertility rates are based on data from the 1971 Fertility-Abortion Survey and are reported in Korean Institute for Family Planning, 1976, appendix A. The 1971 and 1972 rates are 3-year averages of data from the 1973 National Fertility Survey Eorean Tastitute of Family Planning, 1974, table 5-6). Fotal and age-specific fertility rates for 1975 were derived at the U.S. Bureau of the Census by applying Arriaga's fertility estimation method "Arriaga and Anderson, 1976), using data on children ever born from the 1970 und 1975 censuses.

The gross reproduction rates are based on the estimated total fertility rates and the sex ratio at birth.

The net reproduction rates are based on the age-specific fertility rates, the severatio at birth, and life table Ly values for females. The life tables for 1960, 1966, 1975, and 1975 were estimated at the U.S. Bureau of the Census (see tables 3, 4, 5, and appendix table A-3). The 1971 and 1972 life table values were derived by linearly interpolating between 1970 and 1975 values.

The sex ratios at birth were estimated using data from other countries in the region which have "complete" vital registration systems.

1

## Table 8. EVER-MARRIED WOMEN, AGES 15 TO 49 YEARS, BY NUMBER OF CHILDREN EVER BORN: 1975

(In thousands. Figures may not add to totals due to rounding)

			Number of children ever born										
Age	Total	0	1	2	3	4	5	6	7 or more	Average number of children per woman			
All women, 15 to 49 years	5,522	415	708	935	995	891	693	457	428	3.4			
15       to       19       years         20       to       24       years         25       to       29       years         30       to       34       years         35       to       39       years         40       co       44       years         45       to       49       years	46 558 1,100 1,067 1,075 921 754	27 173 104 33 24 24 29	17 244 261 71 43 36 36	2 117 410 207 94 54 51	(Z) 20 236 340 218 113 68	- 4 71 251 277 186 102	1 15 115 219 202 141	- 3 37 126 157 135	- 1 11 74 151 192	0.5 1.0 2.0 3.2 4.1 4.7 4.9			

Z Less than 500 women.

- Represents zero.

Source: Results from the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, table 3).

## Table 9. PERCENT DISTRIBUTION OF WOMEN, AGES 15 TO 49 YEARS, BY MARITAL STATUS: 1975

(Figures may not add to totals due to rounding)

Age	All women	Single	Married	Widowed	Divorced
All women. 15 to 49 years	100.0	35.5	59.9	3.8	0.9
15 to 19 years 20 to 24 years 25 to 29 years 30 to 34 years 35 to 39 years 40 to 44 years 45 to 49 years	100.0 100.0 100.0 100.0 100.0 100.0 100.0	97.6 62.6 11.1 1.8 0.6 0.2 0.2	2.3 37.1 87.5 94.4 93.2 88.1 78.9	(Z) 0.2 0.7 2.2 4.6 9.9 19.7	(Z) 0.1 0.8 1.6 1.7 1.7

Z Less than 0.05 percent.

Note: The base of the percentages is the number of women of known marital status in each age group.

Source: Based on the results of the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, table 2).

## Table 10. MEASURES OF AGE AT MARRIAGE FOR WOMEN: 1975

Minimum legal age at marriage	16 years
Age by which 25 percent have ever married	21 years
Age by which 50 percent have ever married	24 years
Age by which 75 percent have ever married	26 years

Source: Legal age at marriage from Lee, 1971, p. 51. The law, established in 1958, requires parental consent if a woman marries at an age younger than 23 years. Percent of women ever married calculated from data in Republic of Korea Economic Planning Board, 1976a, table 2.

# Table 11. NUMBER OF NEW ACCEPTORS AND ACTIVE USERS OF CONTRACEPTION, AND USERS AS A PERCENT OF MARRIED WOMEN, AGES 15 TO 49 YEARS, BY METHOD, FOR SELECTED YEARS: 1964 TO 1977

			Set	accep	tors i	n thous	ands )				Active users <sup>1</sup>				
								T			Nu.:	aber in	thousa	nds j	Percent
Method	1964 Eo 1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1974	1975	1976	1977	of married women 1977
All methods	1,768	488	645	672	671	614	677	678	686	(NA)	1,324	1.394	1,670	2,094	37.5
Oral contraceptives. UD's Sterilization Other	1,022 79 667	76 2263 16 133	253 229 15 148	268 224 17 163	195 <sup>2</sup> 295 20 161	126 -308 23 157	135 <sup>2</sup> .37 29 176	111 <sup>2</sup> 354 39 174	97 2334 58 197	90 (NA) 81 (NA)	364 508 176 276	386 510 225 273	472 615 189 394	367 501 391 835	6,6 9,0 7,0 14,9

NA Data not available. - Represents zero.

<sup>1</sup>Data are for January 1.

<sup>2</sup>Includes reinsertions.

Note: Annual fluctuations in active users data may be due to changes in the record-keeping system or to changes in the method of estimation. These data include estimates of private sector supplies and services. The active users of private services numbered 260,000 in 1974, 285,000 in 1975, 427,000 in 1976, and 1,035,000 in 1977.

Source: New acceptor data for 1964 through 1970 and active users data for 1974 and 1975 are from Nortman 1971, 1973, 1974, and 1975). New acceptor data for 1971 through 1975 and active users data for 1976 are from Nortman and Hofstatter, 1976, tables 16 and 23. New acceptor data for 1976 and active users data for 1977 are unpublished data received from The Population Council, November, 1977.

Married women for January 1977 were estimated at the U.S. Bureau of the Census by applying the percent of women, ages 15 to 49, who were married in 1975 (table 9) to the average of the midyear 1976 and midyear 1977 projected number of total women in the same ages (table 6).

Age	Both sexes	Male	Female
Total, 15 years and over.	87.6	94.4	81.0
<pre>15 to 24 years 25 to 34 years 35 years and over</pre>	99.1 96.7 74.8	99.3 98.7 88.3	98.8 94.7 62.7

Table 12. PERCENT LITERATE, AGES 15 YEARS AND OVER, BY SEX: 1970

Note: Literacy is defined as the ability to read and write a simple statement in the Korean language.

Source: Republic of Korea Economic Planning Board, 1973a, table 4.

## Table 13. PERCENT OF POPULATION. AGES 6 TO 19 YEARS, ENROLLED IN SCHOOL, BY SEX: 1976

Аде	Both sexes	Male	Female
Total, 6 to 19 years	69.4	74.1	64.5
6 to 9 years 10 to 14 years 15 to 19 years	92.5 80.5 39.0	93.7 85.3 46.4	91.2 75.5 31.4

Source: Data on number of students are reported in Republic of Korea Ministry of Education, 1976. The base of the percentages is the 1976 population, by age and sex, derived at the U.S. Bureau of the Census (see table 2).

## Table 14. PERCENT OF POPULATION, AGES 15 YEARS AND OVER, WHO HAVE COMPLETED SCHOOL, BY SEX AND LEVEL : 1970

Sex and level	Total, 15 years and over	15 to 24 years	25 to 34 years	35 years and over
LOTH SEXES				
Percent who have completed at least: Primary school Middle school Secondary school Higher level	74.1 33.2 16.2 3.9	96.7 47.8 18.3 1.5	90.3 43.7 25.7 7.6	50.0 17.6 9.6 3.5
MALE				
Percent who have completed at least: Primary school Middle school Secondary school Higher level	82.3 44.5 23.7 6.2	97.5 55.9 23.2 1.6	94.9 57.9 37.2 11.7	63.7 28.2 16.3 6.6
FEMALE				
Percent who have completed at least: Primary school Middle school Secondary school Higher level	66.3 22.4 8.9 1.6	95.9 39.3 13.1 1.5	85.7 29.6 14.2 3.4	37.7 8.2 3.6 0.7

Note: The Republic of Korea has 6 years of primary school, 3 years of middle school, and 3 years of secondary school. Higher level school refers to junior colleges, colleges or higher. Excludes 1,428 persons of unknown educational attainment.

Scurce: Republic of Korea Economic Planning Board, 1973a, table 4.

Age	Male	Female
Total, 14 years and over	73.8	45.7
14 years	18.2	22.4
15 to 19 years	46.0	47.6
20 to 24 years	58.3	56.3
25 to 29 years	91.6	35.5
30 to 34 years	97.7	42.1
35 to 39 years	98.1	51.2
40 to 44 years	97.6	57.8
45 to 49 years	96.6	59.8
50 to 54 years	93.6	57.1
55 to 59 years	85.5	50.9
60 to 64 years.	68.3	33.7
65 years and over	34.5	12.1

## Table 15. PERCENT OF POPULATION ECONOMICALLY ACTIVE, BY AGE AND SEX: 1975

Note: The economically active population comprises all persons 14 years of age and over who, during the week of September 22 to 28: did any work for pay or profit, including unpaid family workers; or had no job but were looking for work.

Source: Results from the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, table 6).

(Figures may not add t	to totals due to rou	nding)	
Industry	Both sexes	Male	Female
PERCENT <sup>1</sup>	terre terr		
All industries	100.0	100.0	100.0
Agriculture, forestry, hunting and fishing. Mining and quarrying. Manufacturing. Electricity, gas and water. Construction. Wholesale and retail trade, restaurants	49.1 0.7 17.4 0.3 3.8	42.7 1.1 17.8 0.4 6.0	59.0 0.1 16.6 0.1 0.5
and hotels Transport, storage and communication Financing, insurance, real-estate and	13.4 3.4	12.7 5.0	14.4 0.9
business services Community, social and personal services	1.2 10.8	1.5 12.7	0.7 7.8
fotal classified workers Norkers not classified by industry Fotal labor force	12,637 659 13,296	7,672 469 8,141	4,964 191 5,155

## Table 16. DISTRIBUTION OF LABOR FORCE, BY SEX AND INDUSTRY: 1975

<sup>1</sup>The base of the percentages is the total classified workers.

Source: Results from the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, tables 6 and 7).

Occupation	Both sexes	Male	Female
PERCENT <sup>1</sup>			
All occupations	100.0	100.0	100.0
Professional, technical and related workers.	3.3	4.1	2.1
Administrative and managerial workers	0.8	1.3	0.1
Clerical and related workers	6.7	8.5	3.9
Sales workers	10.5	11.1	9.6
Service workers Agricultural, animal husbandry and forestry	6.5	4.6	9.3
workers, fishermen and hunters Production and related workers, transport	49.3	43.0	59.0
equipment operators and laborers	22.9	27.4	16.1
NUMBER - in thousands ;			
Total classified workers	12,533	7,569	4,963
Workers not classified by occupation	763	572	191
Total labor force	13,296	8,141	5,155

#### Table 17. DISTRIBUTION OF LABOR FORCE, BY SEX AND OCCUPATION: 1975

(Figures may not add to totals due to rounding)

<sup>1</sup>The base of the percentages is the total classified workers.

Source: Results from the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, tables 6 and 7).

Table 18. DISTRIBUTION OF AGRICULTURAL AND NONAGRICULTURAL WORKERS, BY SEX AND STATU	S: 1975
(Figures may not add to totals due to rounding)	

	Both	sexes	Ма	le	Fem	ale
Status	Agricul- tural	Nonagri- cultural	Agricul- tural	Nonagri- cultural	Agricul- tural	Nonagri- cultural
PERCENT <sup>1</sup>						
Total labor force	100.0	100.0	100.0	100.0	100.0	100.0
Employers and workers on own account Salaried employees and wage earners Unpaid family workers	41.2 12.8 45.9	27.7 64.3 8.0	59.2 15.3 25.5	26.8 70.5 2.7	15.7 9.4 74.9	29.5 51.5 19.0
NUMBER (in thousands)						
Total classified workers	5,446	6,384	3,191	4,298	2,255	2,086
Others and status unknown <sup>2</sup>	5	40		395 884	4,6	115 +56

<sup>1</sup>The base of the percentages is the total classified workers.

<sup>2</sup>Refers to the unemployed.

Source: Data based on results of a labor force sample survey as reported in International Labor Organization, 1976, table 2B.

### Table 19. PERCENT DISTRIBUTION OF HOUSE-HOLDS BY NUMBER OF PERSONS FOR 1970 AND MEAN NUMBER OF PERSONS PER HOUSEHOLD FOR 1970 AND 1975

Persons per household <sup>1</sup>	Percent
All households with 2 or more persons	100.0
2 persons	9.7
3 persons	13.3
4 persons	15.5
5 persons	17.7
6 persons	16.9
7 persons	12.8
8 persons	7.6
9 persons	3.8
10 persons and over	2.7

OTHER HOUSEHOLD MEASURES

#### 1970

Number of households <sup>2</sup>	5,856,901
Mean number of persons per	, ,
household	5.4

#### 1975

Number of households <sup>2</sup>	6,757,221
Mean number of persons per	, ,
household	5.1

<sup>1</sup>These data for 1970 refer to ordinary households only (see note below for definition). No information is available for 1-person households.

<sup>2</sup>Data for 1970 and 1975 are for total households including both ordinary and institutional households (see note below for definition). One-person households are included. The total number of ordinary and institutional households are not given separately.

Note: Household is defined as a group of persons who make common provision for food or other essentials for living. Households are divided into two categories, ordinary households and institutional households. Ordinary households refer to a group of persons who have relationship to the head of household, including one of the following categories: the head and his or her family; the head, his or her family, and persons living with the family but not related to head of household; and persons who live alone. Institutional households refer to a group of persons living together who are not related to each other.

Source: Republic of Korea Economic Planning Board, 1973a, table 6 and Republic of Korea Economic Planning Board, 1976b. table 3.

#### Table 20. SELECTED URBAN MEASURES: 1975

Urban areas <sup>1</sup> : Population Percent of country's total	16,793,980
population	48.4
Cities with 100,000 inhabitants	
or more:	28
Number of cities	16,251,623
Population Percent of country's total	10,251,025
population	46.8
Cities and towns with 20,000	
inhabitants or more:	
Number of cities and towns	139
Population	20,171,253
Percent of country's total	
population	58.1

<sup>1</sup>Urban areas comprise all cities. A city is defined as "an administratively defined Shi area with a population of 50,000 or over" (Seoul National University, The Population and Development Studies Center, 1975, p. 66).

Source: Republic of Kores Economic Planning Board, 1976b, tables 1, 2, and 5 through 13.

Province	1970 population (in thousands)	1975 population (in thousands)	1970 population born outside province (percent) <sup>1</sup>	Annual growth rate 1970 to 1975 (percent) <sup>2</sup>
Busan	1,880	2.454	48.5	+5.3
Chungcheonbug Do	1,481	1,522	11.3	+0.5
Chungcheongnam Do	2,860	2,949	9.0	+0.6
City of Scoul	5,536	6,889	54.3	+4.4
Gangweon Do	1,866	1,862	16.3	-0.5
Gyeonggi Do	3,358	4,040	23.6	+3.7
Gyeongsangbug Do	4,559	4,859	6.3	+1.3
Gyeongsangnam Do	3,120	3,280	5.5	+1.0
Jeju Do	365	412	6.3	+2.4
Jeonlabug Do	2,434	2,456	6.1	+0.2
Jeonlanam Do	4,006	3,985	2,6	-0.1

#### Table 21. PROVINCIAL POPULATION, GROWTH RATES, AND MIGRATION DATA

<sup>1</sup>Data shown for 1970 exclude foreign-born population. Data are not available for 1975.

 $^{2}$ A plus sign (+) denotes net increase, a minus sign (-) net decrease.

Source: Republic of Korea Economic Planning Board, 1973a, tables 2 and 7; Republic of Korea Economic Planning Board, 1973c, table 2; and Republic of Korea Economic Planning Board, 1976b, table 1.

Table 22.	PERSONS OF FOREIGN CITIZENSHIP.
	BY COUNTRY: 1970

Country of citizenship	Number of persons
All countries	30,402
Republic of China	26,314
United States	2,451
Japan	644
Germany	240
United Kingdom	110
France	107
All other countries	536
Population of foreign citizenship	
as percent of total population.	0.1

Source: Republic of Korea Economic Planning Board, 1973a, table 7.

### Table 23. SELECTED SOCIAL AND ECONOMIC ITEMS

Item	Year	Number or rate
Total area.	1974	9,848,000 hectares
Agricultural area <sup>1</sup>	1974	4,860,000 hectares
Daily newspaper circulation.	1972	136 per 1,000 population
Radio receivers.	1972	127 per 1,000 population
Television receivers.	1973	36 per 1,000 population

<sup>1</sup>Includes arable land, land under permanent crops, and permanent meadows and pastures.

Source: Total area and agricultural area from Food and Agriculture Organization, 1976, table 1. Other items from United Nations Educational, Scientific and Cultural Organization, 1975, tables 12.1, 15.2, and 16.2.

## Appendix

### Table A-1. CENSUS POPULATION, BY AGE AND SEX: OCTOBER 1975

(In thousands. Figures may not add to totals due to rounding)

Age	Both sexes	Male	Female
All ages	34,681	17,436	17,245
0 to 4 years	4,310	2,238	2,072
5 to 9 years	4,453	2,305	2,148
10 to 14 years	4,522	2,341	2,182
15 to 19 years	4,081	2,101	1,980
20 to 24 years	3,060	1,569	1,492
25 to 29 years	2,506	1,269	1,238
30 to 34 years	2,215	1,131	1,085
35 to 39 years	2,194	1,114	1,081
40 to 44 years	1,815	891	<b></b> 924
45 to 49 years	1,410	654	756
50 to 54 years	1,212	584	628
55 to 59 years	943	446	497
60 to 64 years	729	332	397
65 to 69 years	550	230	320
70 to 74 years	331	124	207
75 years and over	248	108	240

Note. Data exclude 27,898 foreigners reported in the preliminary census results (Republic of Korea Economic Planning Board, 1976b, table 1, p. 14).

Source: Results from the 5-percent sample questionnaire of the 1975 population and housing census (Republic of Korea Economic Planning Board, 1976a, table 1).

## Table A-2. ENUMERATED AND ADJUSTED CENSUS POPULATION, BY AGE AND SEX: OCTOBER 1970

	······································			8/			
Аде	Enumerated			Adjusted			
	Both sexes	Male	Female	Both sexes	Male	Female	
All ages	31,466	15,796	15,670	33,178	16,571	16,607	
0 to 4 years 5 to 9 years	4,324 4,537	2,233 2,351	2,091 2,185	4,733 4,855	2,413 2,471	2,321	
10 to 14 years 15 to 19 years	4,396 3,090	2,276 1,574	2,120 1,516	4,470 3,373	2,276	2,384 2,194 1,659	
20 to 24 years	2,525	1,300	1,226	2,754	1,395	1,359	
30 to 34 years. 35 to 39 years.	2,206 2,195 1,856	1,098 1,110	1,108 1,085	2,384 2,264	$1,204 \\ 1,141$	1,180 1,123	
40 to 44 years 45 to 49 years	1,836 1,463 1,286	916 692 630	940 771 656	1,911 1,506	941 711	970 795	
50 to 54 years	1,026	507	518	1,329 1,060	652 519	676	
55 to 59 years 50 to 64 years	856 666	408 303	447 363	872 659	420 306	541 452 353	
55 to 69 years	435 316	$\frac{182}{121}$	253 195	423 306	186 124	237 182	
5 years and over	289	96	193	279	98	181	

(In thousands. Figures may not add to totals due to rounding)

Source: Census population includes 30,402 foreigners (Republic of Korea Economic Planning Board, 1973a, tables 2 and 7). See notes to table 1 for discussion of adjusted 1970 population.

## Table A-3. ESTIMATED AND PROJECTED TOTAL AND AGE-SPECIFIC FERTILITY RATES: 1975 AND 1976

Age		Projected 1976			
	Estimated 1975	High series	Intermediate series	Low series	
Age-specific fertility rates (per 1,000 women)			• • • • •		
15 to 19 years. 20 to 24 years. 25 to 29 years. 30 to 34 years. 35 to 39 years. 40 to 44 years. 45 to 49 years.	8 177 266 158 74 37 11	8 170 255 152 71 35 11	8 166 249 148 69 35 10	7 161 242 144 67 34 10	
Total fortility rate (per woman)	3.65	3.51	3.42	3.33	

Source: For 1975 see table 7.

The total fertility rate (TFR) for 1976 in the intermediate series was derived assuming that the rate of decline in the TFR from 1972 to 1975 (from 4.35 to 3.65) would continue to 1976. The TFR's in the high and low series were derived by assuming that these rates would differ from the TFR in the intermediate series by 2.5 percent (see tables 1 and 3 for further discussion). Considering past trends and allowing for annual fluctuations in fertility, these TFR's are thought to present a reasonable range within which the actual fertility level may fall. The age-specific rates in these three series were derived using the pattern of fertility estimated

### Table A-4. ALTERNATE ESTIMATES OF TOTAL AND AGE-SPECIFIC FERTILITY RATES FROM SELECTED SOURCES: 1966, 1966-67, 1969-70, 1970, AND 1973-74

	Own-children method			Arriaga fertility		1974 National	
Age	1966 census data	us census		estimation method, 1966 and 1970 census data		(World Fertility Survey)	
	1966	1966	1970	October 1966-67	October 1969-70	October 1973-74	
Age-specific fertility rates (per 1,000 women)							
15 to 19 years	14	20	13	20	13	11	
20 to 24 years	188	204	170	201	188	159	
25 to 29 years	294	306	291	3 0 3	294	276	
30 to 34 years	213	219	201	212	206	164	
35 to 39 years	135	138	109	116	118	74	
40 to 44 years	59	64	41	58	63	29	
45 to 49 years	10	18	8	18	20	3	
Total fertility rate (per woman).	4.56	4.85	4.16	4.64	4.51	3.58	

Note: Benchmark estimates of total and age-specific fertility rates are given in table 7.

Source: Age-specific and total fertility rates derived by applying the own-children method to 1966 census data are shown in Cho, 1971, p. 77. Rates derived using the own-children method and 1970 census data are reported in Cho, 1974, revised tables. Rates derived using Arriaga's fertility estimation method (Arriaga and Anderson, 1976) were calculated at the U.S. Burcau of the Census using data on children ever born from the 1906 and 1970 censuses. Rates from the 1974 National Fertility Survey (World Fertility Survey) are reported in Korean Institute for Family Planning, 1977, table 16.

The two sets of estimated rates for 1966 shown above are similar in level and pattern of fertility to the 1966 rates from the 1971 Fertility-Abortion Survey (FAS) shown in table 7. The 1970 rates derived using the own-children method are similar in pattern but the level of fertility is lower than the 1970 estimate from the FAS (see table 7). The estimates derived at the U.S. Bureau of the Census by applying Arriaga's fertility estimation method (Arriaga and Anderson, 1976) are similar in level and pattern of fertility to the 1966 and 1970 rates from the FAS.

Age-specific and total fertility rates from the 1974 National Fertility Survey are preliminary. According to the survey report, these rates "are tentative estimates based on all too simple assumptions. More refined estimates will be prepared at a later date after the quality of birth and age reporting is systematically assessed" (Korean Institute for Family Planning, 1977, pp. 25-27). It should be noted, however, that the National Fertility Survey rates are quite similar in level and pattern of fertility to the estimated rates for 1975 shown in table 7.

Year	Both sexes	Male	Female
ESTIMATED	• • •		
1960 1961 1966 1970	56 57 62 64	53 54 59 62	59 60 66 68
PROJECTED			
1975	66 67	64 64	69 70

# Table A-5. ESTIMATED AND PROJECTED LIFE EXPECTANCY AT<br/>BIRTH, BY SEX, FOR SELECTED YEARS: 1960 TO 1976

Source: See notes to tables 1, 3, and 4.

		In stationar	y population	
Age interval	Annual number of deaths per 1,000 persons occurring between age x and age x + n	Number of persons living at exact age x	Number of persons living between age x and age x + n	Average number of years of life remaining for those alive at exact age <b>x</b>
(x to x+n)	$(1000^{m_{x}})$	( <sup>1</sup> x)	$\binom{\mathbf{L}}{\mathbf{L}}$	( <sup>e</sup> x)
MALE	<b>1</b>			
Under 1 year	67.0	100,000	95,068	59.3
1 to 4 years	6.6	93,632	368,385	62.3
5 to 9 years	1.9	91,213	453,933	60.0
10 to 14 years	1.4	90,361	450,201	55.5
15 to 19 years	2.3	89,720	446,038	50.9
20 to 24 years	3.3	88,695	439,866	46.4
25 to 29 years	3.5	87,251	432,454	42.2
30 to 34 years	4.0	85,730	424,368	37.9
35 to 39 years	5.0	84,017	414,885	34.6
40 to 44 years	6.7	81,937	402,941	29.4
45 to 49 years	9.4	79,239	387,124	25.3
50 to 54 years	13.7	75,611	365,500	21.4
55 to 59 years	20.4	70,589	335,811	17.7
60 to 64 years	31.1	63,735	295,665	14.4
65 to 69 years	47.3	54,531	243,800	11.4
70 to 74 years	73.2	42,989	181,683	8.8
75 to 79 years	113.1	29,684	115,698	6.6
80 years and over	210.0	16,595	79,027	4.8
FEMALE				
Under 1 year	47.7	100,000	96,269	65.9
1 to 4 years	4.5	95,406	377,326	68.0
5 to 9 years	1.3	93,721	467,106	65.2
10 to 14 years	1.0	93,121	464,445	60.6
15 to 19 years	1.5	92,657	461,511	5.5.9
20 to 24 years	2.1	91,948	457,353	51.3
25 to 29 years	2.5	90,993	452,189	46.8
30 to 34 years	2.9	89,882	446,207	42.4
35 to 39 years	3.5	88,601	439,195	38.0
40 to 44 years	4.3	87,077	430,715	33.6
45 to 49 years	5.8	85,209	419,941	29.3
50 to 54 years	8.3	82,768	405,389	25.1
55 to 59 years	12.1	79,388	385,290	21.0
60 to 64 years	18.9	74,728	+ 356,772	17.2
65 to 69 years	30.3	67,981	315,949	13.6
70 to 74 years	50.6	58,399	259,224	10.5
75 to 79 years	83.7	45,291	187,265	7.8
80 years and over	179.3	29,616	165,136	5.6

Source: See table 4 for detailed source note.

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