

# DEMOGRAPHY



### 3 DEMOGRAPHY

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#### Population Census

Singapore's first census was undertaken in April 1871. Regular censuses were undertaken at ten-year intervals up to 1931. The Second World War delayed the next census till 1947. In the pre-war censuses, Singapore was included as part of the Straits Settlements, and later, part of Malaya. Separate censuses for Singapore were carried out since 1947. The first post-independence census was conducted in 1970. Subsequently, censuses were undertaken at ten-year intervals in 1980, 1990 and 2000.

In the 1990 and earlier Censuses, the population comprised citizens and permanent residents who were present and enumerated in Singapore on Census Day. In addition, citizens and permanent residents who were away for short periods of time during the Census, as well as non-residents staying or working in Singapore were included. With the change to the register-based approach in 2000, the “de jure” concept was adopted. All persons registered at their places of usual residence were counted, even though they may be temporarily away on Census Day. Non-residents staying or working in Singapore were also included.

Singapore conducted her first mid-decade mini-census (General Household Survey) in 1995. The second mid-decade mini-census was conducted in 2005.

#### Mid-Year Population Estimates

Singapore residents refer to citizens and those who have been granted permanent residence in Singapore. Total population comprises Singapore residents and non-residents.

#### Births and Deaths

The Registration of Births and Deaths Act (Cap 267) specifies that a birth must be registered within 42 days of the date of birth. Births registered after 42 days from occurrence are classified as late registrations. A birth registration after one year from the date of birth can only be effected with the written authority of the Registrar-General of Births and Deaths. Under the same Act, a death must be registered within 3 days of its occurrence. Still-births, which are classified separately from births and deaths, must be registered within 14 days of their occurrence.

Registration facilities for births and deaths are available at the Registry of Births and Deaths and at designated government hospitals. Deaths and still-births can also be registered at the nearest Police Divisional Headquarter / Neighbourhood Police Centre or Post. The registration system is comprehensive and the records of vital statistics are virtually complete.

Measures of natality and mortality include the crude birth and crude death rates. From 1980 onwards, these are defined as the number of live-births and deaths respectively of Singapore residents, per thousand mid-year resident population.

#### Marriages

Registration of marriages is compulsory in Singapore. Marriages other than Muslim marriages are registered under the Women's Charter, 1961. Notices of such marriages have to be lodged with the Registrar of Marriages regardless of the venue of solemnisation.

Registration of Muslim marriages in Singapore became compulsory from 1 July 1909 when the Mohammadan Marriage Ordinance, 1908 (Ordinance No.XXV of 1908) was enacted. This Ordinance was subsequently repealed and replaced by the Administration of Muslim Law Act, 1966.

#### **Divorces**

Pertinent information on Muslim divorces is compiled from records maintained by the Syariah Court while those on non-Muslim divorces are compiled from petitions submitted to the Family Court. Time-dependent variables, eg. the year of occurrence, age of divorcees, and duration of marriage are based on the date of registration for Muslim divorces and date decree made absolute for non-Muslim divorces.

#### **Definitions**

Rates on fertility and reproduction pertain to residents only.

*Age-specific fertility rate:* Refers to the number of births by mothers of a specific age group during a given year, per thousand females in that age group.

*Total fertility rate (TFR):* Refers to the average number of children that would be born per female, if all females lived to the end of their childbearing years and bore children according to a given set of age-specific fertility rates. It is derived by aggregating the age-specific fertility rates of females in each of the reproductive ages for a specific year.

*Gross reproduction rate:* Refers to the average number of daughters produced by each female during her whole reproductive period and is similarly computed as in the case of TFR, on the basis of female births only. This rate implicitly assumes that all females live to the end of their childbearing years.

*Net reproduction rate:* It is a refinement of the gross reproduction rate, in that it takes into account the mortality of females from birth to the end of their reproductive years. It is the average number of female children that would replace one female if current fertility and mortality levels prevail. It is also the measure of replacement of population.

*Life expectancy (at birth):* Refers to the estimate of the average number of years a new born baby might expect to live, if he or she were to experience the age-specific mortality rates of the reference period throughout his or her life.

*Age-specific marriage rate:* Refers to the number of marriages registered within a specific age group during the year, out of every thousand unmarried persons in the same group.

*Age-specific divorce rate:* Refers to the number of divorces and annulments granted within a specific age group during the year, out of every thousand married persons in the same age group.

*General marriage rate:* Refers to the number of marriages registered among unmarried population aged 15-44 years during the year, out of every thousand unmarried population in the same age group.

*General divorce rate:* Refers to the number of divorces and annulments granted to married population aged 20 years and over during the year, out of every thousand married population in the same age group.

#### **Other References**

Vital statistics on births and deaths are compiled and published monthly in the "Singapore Demographic Bulletin". The annual

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"Report on Registration of Births and Deaths" published by the Registrar-General of Births and Deaths also provides demographic and socio-economic characteristics of parents and characteristics of births, detailed causes of death, together with statistical tables and charts.

Complete life tables and key trends in life expectancies for the Singapore resident population are available in the annual statistical report "Complete Life Tables for Singapore Resident Population".

Annual data on marriages and divorces are available in the publication "Statistics on

Marriages and Divorces". This publication analyses annual marriage trends and the socio-economic characteristics of grooms and brides, as well as provides insight into the nature of divorces and the socio-economic characteristics of divorcees.

Demographic statistics are available in the annual publication, "Population Trends". The publication comprises four sections, namely, 'Population Structure', 'Family Formation and Dissolution', 'Fertility' and 'Mortality'. Statistical analyses of Singapore's changing population profiles are also included in the publication.

### 3.1 POPULATION AND GROWTH RATE

Year	Total Population	Singapore Residents	Growth Rate	
			Total Population	Singapore Residents
	Thousand		Per Cent	
Census				
1901	227.6	na	na	na
1911	303.3	na	2.9	na
1921	418.4	na	3.3	na
1931	557.7	na	2.9	na
1947	938.1	na	3.3	na
1957	1,445.9	na	4.4	na
1970	2,074.5	2,013.6	2.8	na
1980	2,413.9	2,282.1	1.5	1.3
1990	3,047.1	2,735.9	2.3 <sup>1</sup>	1.7 <sup>1</sup>
2000	4,027.9	3,273.4	2.8	1.8
Mid-Year Estimates				
1991	3,135.1	2,794.7	2.9	2.2
1992	3,230.7	2,849.8	3.0	2.0
1993	3,313.5	2,904.5	2.6	1.9
1994	3,419.0	2,959.4	3.2	1.9
1995	3,524.5	3,013.5	3.1	1.8
1996	3,670.7	3,068.1	4.1	1.8
1997	3,796.0	3,123.4	3.4	1.8
1998	3,927.2	3,180.0	3.5	1.8
1999	3,958.7	3,229.7	0.8	1.6
2000 (Census)	4,027.9	3,273.4	1.7	1.4
2001	4,138.0	3,325.9	2.7	1.6
2002	4,176.0	3,382.9	0.9	1.7
2003	4,114.8	3,366.9	0.2 <sup>2</sup>	1.6 <sup>2</sup>
2004	4,166.7	3,413.3	1.3	1.4
2005	4,265.8	3,467.8	2.4	1.6
2006	4,401.4	3,525.9	3.2	1.7
2007	4,588.6	3,583.1	4.3	1.6
2008	4,839.4	3,642.7	5.5	1.7

Notes : Data for 1980 and earlier censuses refer to all persons present in Singapore and enumerated on Census Day.

Data from 1990 onwards are based on de jure concept.

Data from 2000 onwards are based on the register-based approach.

Data for 2003-2007 have been revised with effect from February 2008.

Total population comprises Singapore residents and non-residents. Singapore resident population comprises Singapore citizens and permanent residents.

1 Average annual growth rate between 1980 and 1990 are computed based on 1980 and 1990 using de facto concept.

2 Annual growth rate between 2002 and 2003 are computed based on unrevised population for 2003.

## 3.2 VITAL RATES

Year	Rate of Natural Increase <sup>1</sup>	Crude Birth Rate <sup>1</sup>	Crude Death Rate <sup>1</sup>	Infant Mortality Rate	Total Fertility Rate <sup>1</sup>	Gross Re-production Rate <sup>1</sup>	Net Re-production Rate <sup>1</sup>
	Per 1,000 Population			Per 1,000 Live-births	Per Female		
1950	33.4	45.4	12.0	82.2	na	na	na
1955	36.2	44.3	8.1	49.5	na	na	na
1960	31.3	37.5	6.2	34.9	5.76	2.78	2.54
1965	24.1	29.5	5.4	26.3	4.66	2.27	2.08
1970	17.0	22.1	5.2	20.5	3.07	1.49	1.42
1975	12.6	17.7	5.1	13.9	2.07	1.00	0.97
1980	12.7	17.6	4.9	8.0	1.82	0.88	0.86
1985	11.7	16.6	4.9	7.6	1.61	0.78	0.76
1990	13.5	18.2	4.7	6.6	1.83	0.88	0.88
1998	8.5	13.1	4.6	4.1	1.48	0.72	0.71
2003	6.0	10.5	4.5	2.5	1.27	0.62	0.61
2004	5.9	10.3	4.4	2.0	1.26	0.61	0.60
2005	5.8	10.2	4.4	2.1	1.26	0.61	0.61
2006	5.9	10.3	4.4	2.6	1.28	0.62	0.61
2007	5.9	10.3	4.5	2.1	1.29	0.62	0.62
2008	5.8	10.2	4.4	2.1	1.28	0.62	0.62

Notes : Figures prior to 1980 refer to total population.

From 1980, figures refer to Singapore residents (citizens and permanent residents).

<sup>1</sup> Data for 2003-2006 have been revised following the revision of population estimates.

### 3.3 MID-YEAR ESTIMATES OF SINGAPORE RESIDENTS BY AGE GROUP AND SEX

Age Group (Years)	Thousand						
	1998	2003	2004	2005	2006	2007	2008
Males							
Total	1,591.8	1,673.4	1,695.0	1,721.1	1,748.2	1,775.5	1,803.0
0 - 4	123.9	108.6	105.6	102.7	99.7	99.1	99.1
5 - 9	132.8	127.3	124.2	122.3	121.4	118.4	115.2
10 - 14	111.0	133.4	132.3	133.0	131.7	131.4	130.1
15 - 19	107.6	110.3	117.1	120.9	126.6	131.6	134.0
20 - 24	108.5	107.4	108.2	110.6	111.3	110.6	113.5
25 - 29	130.3	120.0	117.7	118.2	120.0	122.0	126.8
30 - 34	151.0	138.3	139.6	141.5	141.0	141.5	139.1
35 - 39	161.0	155.0	149.9	147.1	145.9	147.4	149.9
40 - 44	149.8	160.9	162.0	162.0	162.5	161.2	159.0
45 - 49	122.1	147.8	151.6	155.3	158.2	159.6	160.8
50 - 54	82.9	117.4	123.2	128.2	134.5	140.8	145.7
55 - 59	64.3	78.4	87.1	98.6	107.0	110.3	114.9
60 - 64	48.6	58.8	59.6	57.3	58.0	66.7	75.3
65 - 69	39.6	42.9	45.8	48.3	51.7	53.8	54.6
70 - 74	28.2	32.1	33.1	34.9	35.9	36.2	37.5
75 - 79	15.7	18.1	20.3	21.8	23.2	24.4	25.6
80 - 84	8.6	10.0	10.6	11.0	11.6	12.3	13.2
85 & Over	5.9	6.7	7.1	7.4	7.9	8.3	8.7
Females							
Total	1,588.2	1,693.5	1,718.2	1,746.7	1,777.7	1,807.6	1,839.7
0 - 4	116.2	101.4	99.2	96.9	94.7	94.5	94.7
5 - 9	124.7	119.7	116.3	114.9	113.8	111.2	108.4
10 - 14	103.5	125.7	125.0	125.6	124.7	123.9	123.7
15 - 19	100.7	103.7	110.3	114.0	119.9	125.7	128.9
20 - 24	108.7	108.0	107.1	108.3	108.4	107.9	111.9
25 - 29	138.3	130.9	129.0	129.6	131.7	132.5	136.4
30 - 34	153.1	149.0	150.8	152.0	152.2	153.0	150.7
35 - 39	158.2	155.7	153.0	152.0	152.3	154.6	157.3
40 - 44	147.0	157.4	159.1	159.5	160.5	159.8	158.4
45 - 49	119.7	145.0	149.1	152.2	154.6	156.0	157.2
50 - 54	82.4	115.8	120.9	126.0	132.5	138.4	143.5
55 - 59	66.1	79.4	87.7	99.2	107.6	110.6	114.5
60 - 64	50.6	62.9	63.1	60.3	60.3	68.8	77.9
65 - 69	42.6	47.0	50.2	52.8	57.1	60.0	60.6
70 - 74	31.7	37.9	39.3	41.6	42.4	42.4	43.8
75 - 79	20.7	24.8	27.6	29.8	31.2	32.4	33.4
80 - 84	13.5	15.8	16.3	16.8	17.8	19.2	20.7
85 & Over	10.8	13.4	14.2	15.1	15.8	16.7	17.7

Note : Data from 2002 onwards are based on the register-based approach.

Data for 2003-2007 have been revised with effect from February 2008 .

Singapore resident population comprises Singapore citizens and permanent residents.

### 3.4 SINGAPORE RESIDENTS BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 2008

Ethnic Group / Sex	Thousand								
	Total	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39
Total	3,642.7	193.9	223.6	253.8	262.9	225.4	263.1	289.8	307.2
Males	1,803.0	99.1	115.2	130.1	134.0	113.5	126.8	139.1	149.9
Females	1,839.7	94.7	108.4	123.7	128.9	111.9	136.4	150.7	157.3
Chinese	2,721.8	127.7	150.0	177.6	186.7	159.8	194.9	216.1	229.0
Males	1,339.6	65.5	77.4	91.4	95.4	81.0	94.7	102.9	109.4
Females	1,382.2	62.2	72.6	86.2	91.3	78.8	100.2	113.3	119.6
Malays	495.1	33.2	40.1	45.9	48.8	40.7	34.1	29.8	33.7
Males	247.0	17.0	20.9	23.7	25.1	20.7	17.0	14.5	16.4
Females	248.1	16.2	19.2	22.2	23.8	20.0	17.1	15.4	17.3
Indians	323.4	24.3	24.8	23.3	22.1	20.2	26.5	31.7	31.1
Males	167.1	12.3	12.6	11.7	11.1	9.8	12.1	16.6	17.9
Females	156.3	12.0	12.2	11.6	11.0	10.4	14.4	15.0	13.2
Others	102.3	8.7	8.8	6.9	5.2	4.6	7.7	12.2	13.5
Males	49.2	4.3	4.3	3.3	2.4	1.9	3.0	5.2	6.3
Females	53.1	4.4	4.5	3.6	2.8	2.7	4.7	7.0	7.2

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Note : Singapore resident population comprises Singapore citizens and permanent residents.

### 3.4 SINGAPORE RESIDENTS BY AGE GROUP, ETHNIC GROUP AND SEX, END JUNE 2008 (continued)

Ethnic Group / Sex	Thousand									
	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 & over
Total	317.4	318.1	289.2	229.4	153.2	115.2	81.3	59.0	33.9	26.4
Males	159.0	160.8	145.7	114.9	75.3	54.6	37.5	25.6	13.2	8.7
Females	158.4	157.2	143.5	114.5	77.9	60.6	43.8	33.4	20.7	17.7
Chinese	234.5	241.1	228.4	186.8	126.8	97.0	66.3	48.1	28.1	22.8
Males	116.0	121.2	114.8	93.7	62.2	46.1	30.7	20.2	10.2	6.8
Females	118.5	119.9	113.6	93.1	64.6	50.9	35.6	27.9	17.8	16.0
Malays	42.9	43.1	34.6	23.7	14.7	10.1	8.9	5.7	3.2	1.9
Males	21.2	21.6	17.2	11.4	7.0	4.5	4.0	2.5	1.5	0.9
Females	21.7	21.5	17.4	12.3	7.7	5.5	4.9	3.2	1.7	1.0
Indians	28.8	25.7	20.7	15.3	9.4	6.7	5.1	4.3	2.1	1.4
Males	16.1	13.7	10.7	7.7	4.7	3.2	2.3	2.5	1.2	0.9
Females	12.7	12.0	10.0	7.6	4.7	3.5	2.7	1.8	0.9	0.5
Others	11.1	8.2	5.5	3.6	2.2	1.4	1.1	0.8	0.5	0.4
Males	5.7	4.3	3.0	2.1	1.4	0.7	0.5	0.4	0.2	0.1
Females	5.4	3.8	2.5	1.5	0.9	0.7	0.6	0.4	0.3	0.3

Note : Singapore resident population comprises Singapore citizens and permanent residents.

### 3.5 RESIDENT AGE-SPECIFIC AND TOTAL FERTILITY RATES

Age Group (Years)	1998	2003	2004	2005	2006	2007	2008
Per Thousand Females							
15 - 19	7.5	6.7	6.6	7.2	6.6	6.1	6.1
20 - 24	39.7	32.4	32.2	32.5	30.6	31.2	29.1
25 - 29	105.2	82.2	80.6	80.7	79.6	78.7	78.9
30 - 34	96.1	90.0	89.9	89.2	93.1	94.4	94.6
35 - 39	39.8	36.3	35.6	36.8	38.7	41.5	41.5
40 - 44	6.6	6.1	6.3	6.2	6.4	6.4	6.6
45 - 49	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Per Female							
Total Fertility Rate	1.48	1.27	1.26	1.26	1.28	1.29	1.28

Note : The resident age-specific and total fertility rates were computed based on resident live-births per 1,000 females and per female respectively.

Resident live-births refer to those with at least one parent who is a Singapore citizen or permanent resident.

Data for 2003-2006 have been revised following the revision of population estimates.

### 3.6 LIVE-BIRTHS BY ETHNIC GROUP AND SEX

Ethnic Group / Sex	Number						
	1998	2003	2004	2005	2006	2007	2008
Total	43,664	37,485	37,174	37,492	38,317	39,490	39,826
Males	22,505	19,268	19,221	19,352	19,750	20,438	20,500
Females	21,158	18,217	17,953	18,140	18,567	19,051	19,326
Chinese	28,641	24,326	24,060	24,313	24,646	25,390	25,331
Males	14,739	12,545	12,427	12,573	12,733	13,105	13,092
Females	13,902	11,781	11,633	11,740	11,913	12,284	12,239
Malays	8,476	6,697	6,573	6,511	6,491	6,252	6,305
Males	4,431	3,392	3,405	3,342	3,364	3,222	3,208
Females	4,045	3,305	3,168	3,169	3,127	3,030	3,097
Indians	3,885	3,632	3,541	3,672	3,843	3,994	4,014
Males	2,020	1,880	1,807	1,899	1,939	2,093	2,034
Females	1,865	1,752	1,734	1,773	1,904	1,901	1,980
Others	2,662	2,830	3,000	2,996	3,337	3,854	4,176
Males	1,315	1,451	1,582	1,538	1,714	2,018	2,166
Females	1,346	1,379	1,418	1,458	1,623	1,836	2,010

Source : Registry of Births and Deaths

Note : Figures for males and females may not add up to the total due to sex not reported.

Data are based on date of occurrence.

### 3.7 LIVE-BIRTHS BY (a) BIRTH ORDER AND (b) PLACE OF OCCURRENCE

	Number						
	1998	2003	2004	2005	2006	2007	2008
Total	43,664	37,485	37,174	37,492	38,317	39,490	39,826
Birth Order							
1st	18,860	16,408	16,624	16,887	17,266	18,214	18,957
2nd	15,030	13,457	13,330	13,319	13,784	13,947	13,825
3rd	6,966	5,490	5,112	5,182	5,205	5,193	5,009
4th	2,108	1,498	1,481	1,545	1,483	1,558	1,475
5th	500	417	405	364	384	382	379
6th & over	200	213	221	194	195	196	180
Place of Occurrence							
Public Sector Hospitals	20,191	17,523	17,107	16,532	16,173	16,408	16,563
Private Sector Hospitals	23,341	19,841	19,942	20,844	22,041	22,951	23,170
Other Locations	132	121	125	116	103	131	93

Source : Registry of Births and Deaths

Note : Figures for males and females may not add up to the total due to sex not reported.

Data include birth order not stated.

### 3.8 AGE-SPECIFIC DEATH RATES

Age Group (Years)	Per Thousand Residents						
	1998	2003	2004	2005	2006	2007	2008
	Total						
Total	4.6	4.5	4.4	4.4	4.4	4.5	4.4
Under 1 <sup>1</sup>	4.1	2.5	2.0	2.1	2.6	2.1	2.1
1 - 4	0.3	0.2	0.2	0.2	0.1	0.1	0.2
5 - 9	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10 - 14	0.2	0.1	0.1	0.1	0.2	0.1	0.1
15 - 19	0.3	0.3	0.3	0.2	0.2	0.2	0.2
20 - 24	0.4	0.6	0.5	0.4	0.4	0.4	0.4
25 - 29	0.5	0.4	0.3	0.4	0.4	0.4	0.4
30 - 34	0.6	0.5	0.5	0.5	0.5	0.4	0.4
35 - 39	0.9	0.7	0.7	0.8	0.7	0.6	0.7
40 - 44	1.4	1.2	1.3	1.2	1.3	1.2	1.2
45 - 49	2.3	2.1	2.0	1.9	1.9	1.9	1.8
50 - 54	4.1	3.5	3.3	3.5	3.2	3.1	3.2
55 - 59	7.1	5.8	5.8	5.7	5.3	5.1	5.1
60 - 64	12.8	10.1	9.4	9.3	9.0	8.5	8.1
65 - 69	21.4	17.5	16.4	16.0	14.1	14.1	13.9
70 - 74	32.8	28.0	26.3	24.8	23.6	25.9	23.8
75 - 79	53.2	51.4	43.4	40.9	42.5	41.0	39.0
80 - 84	83.7	74.9	72.3	70.7	66.8	67.7	63.0
85 & Over	130.8	133.5	125.2	126.5	124.8	125.3	120.3

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Note: Data (excluding infant mortality rate) for 2003-2006 have been revised following the revision of population estimates.

1 Infant mortality rate (deaths of resident infants under 1 year of age per thousand resident live-births).

### 3.8 AGE-SPECIFIC DEATH RATES *(continued)*

Age Group (Years)	Per Thousand Residents						
	1998	2003	2004	2005	2006	2007	2008
	Males						
Total	5.0	5.0	4.9	4.9	4.8	5.0	4.9
Under 1 <sup>1</sup>	4.1	2.8	2.2	2.4	2.8	2.6	2.6
1 - 4	0.3	0.2	0.2	0.2	0.1	0.1	0.1
5 - 9	0.1	0.2	0.1	0.1	0.1	0.1	0.1
10 - 14	0.2	0.2	0.1	0.1	0.2	0.1	0.1
15 - 19	0.4	0.5	0.3	0.3	0.2	0.2	0.3
20 - 24	0.6	0.8	0.7	0.6	0.5	0.6	0.4
25 - 29	0.6	0.6	0.4	0.5	0.5	0.7	0.5
30 - 34	0.8	0.8	0.7	0.6	0.6	0.5	0.5
35 - 39	1.1	0.9	0.9	1.0	0.9	0.9	0.9
40 - 44	1.7	1.6	1.6	1.5	1.6	1.5	1.4
45 - 49	2.8	2.7	2.4	2.4	2.3	2.3	2.4
50 - 54	4.9	4.2	4.2	4.4	4.0	4.1	4.0
55 - 59	9.1	7.6	7.2	7.5	6.6	6.5	6.6
60 - 64	16.2	13.3	12.3	11.7	11.6	11.2	10.6
65 - 69	27.4	23.0	21.2	21.7	18.3	19.1	18.3
70 - 74	41.8	37.3	34.8	32.0	30.7	32.2	30.3
75 - 79	64.9	65.5	57.3	51.3	53.2	52.1	48.8
80 - 84	103.4	89.6	87.9	87.5	84.5	86.7	79.5
85 & Over	135.2	150.1	146.5	142.3	141.9	145.3	135.8

*(continued on next page)*

Note: Data (excluding infant mortality rate) for 2003-2006 have been revised following the revision of population estimates.

1 Infant mortality rate (deaths of resident infants under 1 year of age per thousand resident live-births).

### 3.8 AGE-SPECIFIC DEATH RATES *(continued)*

Age Group (Years)	Per Thousand Residents						
	1998	2003	2004	2005	2006	2007	2008
	Females						
Total	4.1	4.0	3.9	4.0	4.0	4.0	4.0
Under 1 <sup>1</sup>	4.1	2.2	1.8	1.7	2.4	1.5	1.7
1 - 4	0.3	0.2	0.2	0.2	0.1	0.1	0.2
5 - 9	0.1	0.1	0.1	0.1	0.1	0.1	-
10 - 14	0.2	0.1	0.2	0.1	0.1	0.1	0.1
15 - 19	0.3	0.2	0.3	0.1	0.2	0.2	0.1
20 - 24	0.2	0.4	0.3	0.3	0.2	0.2	0.3
25 - 29	0.4	0.3	0.2	0.2	0.3	0.2	0.3
30 - 34	0.4	0.3	0.3	0.4	0.4	0.3	0.3
35 - 39	0.6	0.6	0.5	0.5	0.5	0.4	0.5
40 - 44	1.0	0.8	1.0	0.9	0.9	0.9	0.9
45 - 49	1.7	1.5	1.5	1.4	1.4	1.4	1.2
50 - 54	3.2	2.7	2.5	2.5	2.4	2.1	2.3
55 - 59	5.1	3.9	4.5	3.8	4.0	3.7	3.6
60 - 64	9.6	7.1	6.7	7.0	6.4	5.8	5.7
65 - 69	15.9	12.5	12.0	10.8	10.2	9.7	9.8
70 - 74	24.8	20.1	19.1	18.9	17.5	20.5	18.7
75 - 79	44.4	41.1	33.1	33.4	34.5	32.7	31.6
80 - 84	71.1	65.6	62.1	59.6	55.3	55.6	52.5
85 & Over	128.3	125.2	114.5	118.8	116.3	115.4	112.7

Note: Data (excluding infant mortality rate) for 2003-2006 have been revised following the revision of population estimates.

1 Infant mortality rate (deaths of resident infants under 1 year of age per thousand resident live-births).

### 3.9 DEATHS BY BROAD GROUP OF CAUSES

Causes of Death	Number						
	1998	2003	2004	2005	2006	2007	2008
Total	15,657	16,036	15,860	16,215	16,393	17,140	17,222
Infective & Parasitic Diseases	361	250	296	373	257	307	285
of which : Tuberculosis	128	79	79	67	66	85	83
Neoplasms	4,091	4,187	4,353	4,331	4,722	4,803	5,081
of which: Cancer	4,050	4,146	4,303	4,289	4,677	4,745	5,038
Endocrine, Nutritional & Metabolic Diseases	401	473	545	593	620	722	551
of which : Diabetes	308	373	474	510	536	609	463
Diseases of the Blood & Blood-Forming Organs	35	39	33	40	36	31	46
Diseases of the Nervous System & Sense Organs	110	67	81	68	62	64	75
Diseases of the Circulatory System	5,711	5,727	5,423	5,397	5,441	5,835	5,794
of which : Heart & Hypertensive Diseases	3,950	4,067	3,714	3,656	3,833	4,197	4,201
Cerebrovascular Disease	1,633	1,556	1,562	1,616	1,462	1,490	1,435
Diseases of the Respiratory System	2,579	2,992	2,851	3,124	2,913	2,948	2,989
of which : Pneumonia	1,780	2,340	2,232	2,437	2,244	2,375	2,387
Bronchitis	5	11	7	2	2	1	2
Diseases of the Digestive System	418	383	356	385	384	392	377
Diseases of the Genito-Urinary System	494	587	641	634	637	739	753
Congenital Anomalies	112	59	49	67	70	55	60
of which : Congenital Anomalies of Heart	57	32	28	38	42	40	32
Certain Causes of Perinatal Mortality	62	41	22	39	43	32	39
Accidents, Poisonings & Violence	1,110	1,062	1,028	1,017	1,027	1,036	1,006
of which :							
Motor Vehicle Accidents	231	220	205	179	198	228	225
Other Accidents	241	213	232	317	280	268	245
Suicides	371	346	381	405	419	374	364
Other Diseases & Causes	173	167	182	147	181	176	166

Source : Registry of Births and Deaths

Note : Deaths are classified according to the Ninth (1975) Revision of the International Classification of Diseases.

### 3.10 AGE AT FIRST MARRIAGE AND DIVORCE

	Years						
	1998	2003	2004	2005	2006	2007	2008
Median Age at First Marriage <sup>1</sup>							
Grooms	28.4	29.1	29.4	29.8	29.7	29.8	29.8
Brides	25.8	26.6	26.7	26.9	27.0	27.2	27.3
Median Age of Divorcees <sup>2</sup>							
Males	38.7	39.0	38.9	39.0	39.5	39.7	39.9
Females	35.4	35.6	35.2	35.4	35.7	36.0	36.2

1 Refers to marriages in which neither party had previously been married.

2 Excludes annulments of marriages.

### 3.11 AGE-SPECIFIC MARRIAGE RATES

Age Group (Years)	1998	2003	2004	2005	2006	2007	2008
Males (per thousand unmarried resident males)							
15 - 19	1.3	1.2	1.1	1.0	1.0	0.9	0.9
20 - 24	26.9	18.7	19.0	17.4	16.7	15.9	14.4
25 - 29	99.0	96.2	85.8	85.3	84.4	82.0	83.0
30 - 34	97.9	107.4	108.1	106.1	108.3	112.7	111.8
35 - 39	65.0	64.4	80.3	78.1	84.8	83.7	84.9
40 - 44	48.5	41.7	49.0	54.8	48.4	55.9	58.5
General Marriage Rate	49.4	45.8	44.7	44.1	44.1	43.8	43.9
Females (per thousand unmarried resident females)							
15 - 19	7.6	5.3	5.0	4.6	3.9	3.8	3.1
20 - 24	57.9	45.9	43.3	38.5	37.4	34.0	30.9
25 - 29	117.3	126.0	111.2	114.1	110.4	111.5	114.5
30 - 34	67.5	75.1	75.9	70.6	78.9	84.2	79.8
35 - 39	33.8	29.2	34.1	32.1	33.5	39.7	38.8
40 - 44	16.5	15.9	16.4	15.0	17.5	18.3	18.7
General Marriage Rate	49.7	46.6	44.0	41.6	42.7	42.6	41.9

Note : Data for 2003-2006 have been revised following the revision of population estimates.

## 3.12 GROOMS BY AGE GROUP

Age Group (Years)	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total	18,971	18,091	18,091	19,042	19,761	19,853	20,389
Under 20	64	51	41	48	53	56	58
20 - 24	2,237	1,447	1,427	1,388	1,357	1,253	1,245
25 - 29	8,281	7,532	6,882	6,526	7,072	6,942	7,151
30 - 34	4,452	4,865	5,028	5,221	5,571	5,636	5,767
35 - 39	2,134	2,035	2,194	2,448	2,540	2,663	2,790
40 - 44	1,002	1,092	1,214	1,537	1,329	1,463	1,487
45 - 49	420	559	666	935	894	877	863
50 & Over	381	510	639	939	945	963	1,028
Muslim Law Act							
Total	4,135	3,871	4,098	3,950	3,945	4,113	4,207
Under 20	72	88	88	72	72	60	72
20 - 24	741	656	711	668	628	646	578
25 - 29	1,532	1,391	1,377	1,410	1,433	1,526	1,696
30 - 34	869	748	784	739	756	762	743
35 - 39	424	441	471	425	389	377	426
40 - 44	235	231	278	258	284	308	281
45 - 49	108	155	185	173	170	201	189
50 & Over	154	161	204	205	213	233	222

Source : Registry of Marriages

Registry of Muslim Marriages

Note : Data on marriages registered under the Women's Charter exclude marriages previously solemnized outside Singapore or under religious and customary rites.

### 3.13 BRIDES BY AGE GROUP

Age Group (Years)	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total	18,971	18,091	18,091	19,042	19,761	19,853	20,389
Under 20	514	294	322	403	354	380	338
20 - 24	5,847	4,260	4,088	3,981	3,869	3,549	3,432
25 - 29	8,335	8,723	8,307	8,454	9,082	9,138	9,492
30 - 34	2,615	3,070	3,397	3,772	3,971	4,191	4,316
35 - 39	1,000	994	1,143	1,398	1,433	1,542	1,629
40 - 44	402	437	448	582	602	598	690
45 - 49	164	194	226	270	271	260	286
50 & Over	94	119	160	182	179	195	206
Muslim Law Act							
Total	4,135	3,871	4,098	3,950	3,945	4,113	4,207
Under 20	421	326	361	328	282	263	224
20 - 24	1,519	1,379	1,405	1,350	1,245	1,242	1,267
25 - 29	1,118	1,075	1,143	1,180	1,235	1,390	1,521
30 - 34	490	469	471	444	508	489	482
35 - 39	295	260	298	247	248	283	271
40 - 44	153	179	220	188	223	221	200
45 - 49	92	124	128	128	106	139	135
50 & Over	47	59	72	85	98	86	107

Source : Registry of Marriages

Registry of Muslim Marriages

Note : Data on marriages registered under the Women's Charter exclude marriages previously solemnized outside Singapore or under religious and customary rites.

### 3.14 MARRIAGES REGISTERED BY ETHNIC GROUP OF COUPLE

Ethnic Group	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total	18,971	18,091	18,091	19,042	19,761	19,853	20,389
Chinese	16,078	14,414	14,296	15,534	16,063	15,600	15,738
Indians	999	657	668	782	759	818	790
Others <sup>1</sup>	243	264	301	421	494	718	1,051
Inter-ethnic <sup>1</sup>	1,651	1,621	1,723	2,305	2,445	2,717	2,810
Muslim Law Act							
Total	4,135	3,871	4,098	3,950	3,945	4,113	4,207
Malays	3,021	2,749	2,816	2,542	2,472	2,598	2,593
Indians	250	200	191	180	165	171	191
Others <sup>2</sup>	19	29	51	109	109	122	120
Inter-ethnic <sup>2</sup>	845	893	1,040	1,119	1,199	1,222	1,302

Source : Registry of Marriages

Registry of Muslim Marriages

Note : Data on marriages registered under the Women's Charter exclude marriages previously solemnized outside Singapore or under religious and customary rites.

Total under Women's Charter for 2003 and 2004 include couples whose ethnic group was not reported.

Total under Muslim Law Act for 2008 includes couples whose ethnic group was not reported.

1 For marriages registered under the Women's Charter,

"Others" comprises couples of the same ethnicity from other ethnic groups besides Chinese and Indians.

"Inter-Ethnic" marriages refer to marriages where both the groom and bride are of different ethnicity.

2 For marriages registered under the Muslim Law Act,

"Others" comprises couples of the same ethnicity from other ethnic groups besides Malays and Indians.

"Inter-Ethnic" marriages refer to marriages where both the groom and bride are of different ethnicity.

### 3.15 AGE-SPECIFIC DIVORCE RATES

Age Group (Years)	1998	2003	2004	2005	2006	2007	2008
Males (per thousand married resident males)							
20 - 24	28.0	31.6	40.7	34.1	35.0	38.7	33.4
25 - 29	18.9	20.5	22.0	20.9	21.9	21.4	19.8
30 - 34	11.7	14.5	15.3	16.4	16.6	16.3	16.2
35 - 39	10.0	11.9	9.8	12.1	12.1	12.0	12.4
40 - 44	7.6	8.6	7.7	7.9	8.5	8.7	8.8
45 - 49	6.1	6.5	5.7	6.5	6.9	6.9	6.7
50 & Over	3.1	3.2	2.9	3.0	3.1	3.2	3.2
General Divorce Rate	7.5	8.0	7.3	7.8	7.8	7.8	7.6
Females (per thousand married resident females)							
20 - 24	29.0	28.7	29.5	27.3	29.5	30.7	28.9
25 - 29	14.8	17.4	17.0	19.2	17.8	18.5	17.2
30 - 34	11.0	13.2	12.6	13.9	14.3	13.7	14.2
35 - 39	8.3	10.1	8.2	9.2	9.5	9.9	10.0
40 - 44	6.7	7.2	6.3	6.7	7.0	6.8	7.2
45 - 49	5.7	5.1	4.5	5.1	4.9	5.0	5.4
50 & Over	2.1	2.5	2.2	2.4	2.4	2.5	2.3
General Divorce Rate	7.6	8.1	7.2	7.7	7.6	7.6	7.4

Note : Figures include annulments of marriages.

With effect from 2004, data have been revised to be based on divorces and annulments where either or both spouses are residents.

### 3.16 MALE DIVORCEES BY AGE GROUP

Age Group (Years)	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total <sup>1</sup>	4,186	4,456	4,533	5,036	5,117	5,494	5,523
Under 25	43	36	42	42	33	45	41
25 - 29	487	426	432	450	398	416	428
30 - 34	833	855	1,017	1,133	1,104	1,165	1,144
35 - 39	866	912	817	1,070	1,081	1,134	1,193
40 - 44	696	719	739	767	807	893	900
45 - 49	515	574	552	640	694	702	737
50 & Over	573	707	742	846	912	1,014	1,058
Muslim Law Act							
Total	1,465	2,105	1,855	1,873	1,944	1,747	1,697
Under 25	57	104	126	109	114	103	79
25 - 29	203	276	258	250	264	241	223
30 - 34	326	421	386	381	391	336	325
35 - 39	342	464	382	356	349	296	301
40 - 44	240	373	295	312	344	288	297
45 - 49	121	217	178	226	244	238	205
50 & Over	176	250	230	239	238	245	267

Source : Subordinate Courts  
Syariah Court

Note : Figures for divorcees under Women's Charter include annulments of marriages.

<sup>1</sup> Includes age not stated.

### 3.17 FEMALE DIVORCEES BY AGE GROUP

Age Group (Years)	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total <sup>1</sup>	4,186	4,456	4,533	5,036	5,117	5,494	5,523
Under 25	225	177	184	179	165	159	192
25 - 29	805	779	752	904	831	899	898
30 - 34	936	1,040	1,105	1,289	1,353	1,364	1,395
35 - 39	756	811	743	869	919	1,054	1,113
40 - 44	580	589	587	626	688	680	760
45 - 49	400	396	382	469	440	479	553
50 & Over	312	434	424	513	546	626	591
Muslim Law Act							
Total	1,465	2,105	1,855	1,873	1,944	1,747	1,697
Under 25	177	273	271	238	270	246	193
25 - 29	292	399	373	349	365	325	319
30 - 34	332	427	400	394	389	334	342
35 - 39	278	398	303	323	328	282	275
40 - 44	189	290	230	258	271	253	232
45 - 49	118	171	144	152	175	169	175
50 & Over	79	147	134	159	146	138	161

Source : Subordinate Courts  
Syariah Court

Note : Figures for divorces under Women's Charter include annulments of marriages.

<sup>1</sup> Includes age not stated.

### 3.18 DIVORCES BY ETHNIC GROUP OF COUPLE

Ethnic Group	Number						
	1998	2003	2004	2005	2006	2007	2008
Women's Charter							
Total <sup>1</sup>	4,186	4,456	4,533	5,036	5,117	5,494	5,523
Chinese	3,568	3,648	3,597	4,245	4,271	4,585	4,614
Indians	339	280	280	329	365	377	365
Others <sup>2</sup>	28	234	18	37	33	45	53
Inter-ethnic <sup>2</sup>	251	294	235	371	421	474	474
Muslim Law Act							
Total	1,465	2,105	1,855	1,873	1,944	1,747	1,697
Malays	1,141	1,640	1,425	1,481	1,460	1,305	1,253
Indians	58	86	68	69	97	94	59
Others <sup>3</sup>	20	6	10	8	6	8	19
Inter-ethnic <sup>3</sup>	246	373	352	315	379	339	366

Source : Subordinate Courts  
Syariah Court

Note : Figures for divorces under the Women's Charter include annulments of marriage.

1 Includes ethnic group not stated.

2 For divorces registered under the Women's Charter,

"Others" comprises couples of the same ethnicity from other ethnic groups besides Chinese and Indians.

"Inter-Ethnic" divorces refer to marriages where both the groom and bride are of different ethnicity.

3 For divorces registered under the Muslim Law Act,

"Others" comprises couples of the same ethnicity from other ethnic groups besides Malays and Indians.

"Inter-Ethnic" divorces refer to marriages where both the groom and bride are of different ethnicity.