



**REPORT
ON REGISTRATION
OF BIRTHS AND DEATHS
2018**

**REGISTRY OF BIRTHS AND DEATHS
IMMIGRATION AND CHECKPOINTS AUTHORITY
SINGAPORE**

P R E F A C E

Under the Registration of Births and Deaths Act (Chapter 267), the Registry of Births and Deaths has been charged with the responsibility of registering all live-births, still-births and deaths in Singapore.

The Report on Registration of Births and Deaths, 2018 is the 31th publication in the annual series by the Registry. The Report aims to provide an overview of the annual changes in the population, births, deaths and other vital statistics. The statistical tables and charts on vital statistics will be of interest to academics, demographers and medical professionals. Specimen certificates of and procedures for the registration of births, still-births and deaths have been included in the annexure.

The Registry of Births and Deaths gratefully acknowledges the assistance and contribution of the Ministry of Health, the Department of Statistics, the Singapore Police Force and all other agencies in the publication of this Report.

**REGISTRAR-GENERAL OF BIRTHS AND DEATHS
SINGAPORE**

June 2019

CONTENTS

	Page
SUMMARY	1
KEY INDICATORS, 2009, 2016 - 2018	2
GENERAL	3
Late Registrations	3
Re-registration of Adopted Children	3
LIVE BIRTHS	4
Teenage Births	5
Single Parent Registration Births (SP Births)	6
Birth Order	7
First Time Mother	8
Type of Births and Period of Gestation	9
Birth Weight	10
DEATHS	11
Nationality	11
Major Causes of Death	12
Median Age at Death and Gender	13
Ethnic Group	16
Infant Mortality	18
Neonatal Mortality	18
Perinatal Mortality	18
Maternal Mortality	18

C O N T E N T S - (continued)

	Page
STILL BIRTHS	19
LIST OF ANNEXURE	
Annex A Procedures for the Registration of Births, Deaths and Still Births	20
Annex B Certificate of Registration of Birth	23
Annex C Certificate of Registration of Death	24
Annex D Certificate of Registration of Still Birth	25
EXPLANATORY NOTES	26
LIST OF TABLES	
POPULATION, NATURAL INCREASE, BIRTHS AND DEATHS	
1. Population and Vital Statistics, 1999 - 2018	28
2. Population Growth and Vital Rates, 1999 - 2018	28
3. Population by Ethnic Group, 1999 - 2018	29
4. Male Population by Ethnic Group, 1999 - 2018	29
5. Female Population by Ethnic Group, 1999 - 2018	30
6. Sex Ratio of Population by Ethnic Group, 1999 - 2018	30
7. Natural Increase by Ethnic Group, 1999 - 2018	31
8. Crude Rates of Natural Increase by Ethnic Group, 1999 - 2018	31
9. Live Births by Ethnic Group, 1999 – 2018	32
10. Crude Birth Rates by Ethnic Group, 1999 - 2018	32
11. Deaths by Ethnic Group, 1999 - 2018	33
12. Crude Death Rates by Ethnic Group, 1999 - 2018	33
13. Infant Deaths by Ethnic Group, 1999 - 2018	34
14. Infant Mortality Rates by Ethnic Group, 1999 - 2018	34

C O N T E N T S - (continued)

	Page
 LIVE BIRTHS	
15. Live Births by Ethnic Group of Father and Sex of Child, January - December, 2018	35
16. Live Births by Ethnic Group of Father and Mother, 2018	35
17. Live Births by Place of Occurrence and Ethnic Group of Mother, 2018	36
18. Live Births by Attendant at Birth and Ethnic Group of Mother, 2018	36
19. Live Births by Age, Ethnic Group of Mother and Sex of Child, 2018	37
20. Live Births by Age Group, Ethnic Group of Mother and Birth Order, 2018	38
21. Live Births by Occupation of Mother and Birth Order, 2018	39
22. Live Births by Nationality of Father and Mother, 2018	40
23. Live Births by Educational Qualification, Ethnic Group of Mother and Birth Order, 2018	41
24. Live Births by Age Group, Ethnic Group and Educational Qualification of Mother, 2018	42
25. Mothers by Age Group and Type of Birth, 2018	43
26. Live Births by Birth Weight, Age Group of Mother and Sex of Child, 2018	44
27. Live Births (Single Births) by Period of Gestation, Birth Weight and Sex of Child, 2018	45
28. Live Births (Twins) by Period of Gestation, Birth Weight and Sex of Child, 2018	46
 STILL BIRTHS	
29. Still Births by Ethnic Group of Mother and Sex of Child, January - December, 2018	47
30. Still Births by Attendant at Birth, Ethnic Group of Mother and Sex of Child, 2018	47

C O N T E N T S - (continued)

	Page
31. Still Births by Place of Occurrence and Ethnic Group of Mother, 2018	48
32. Still Births by Birth Weight, Age Group of Mother and Sex of Child, 2018	48
33. Still Births by Period of Gestation, Birth Weight and Sex of Child, 2018	49

DEATHS

34. Deaths by Ethnic Group and Sex, January - December, 2018	50
35. Deaths by Place of Occurrence and Ethnic Group, 2018	50
36. Infant Deaths by Ethnic Group and Sex, January - December, 2018	51
37. Infant Deaths by Place of Occurrence and Ethnic Group, 2018	51
38. Infant Deaths by Age, Ethnic Group and Sex, 2018	52
39. Deaths by Age Group, Ethnic Group and Sex, 2018	53
40. Deaths by Age Group, Marital Status and Sex, 2018	54
41. Deaths by Age Group, Occupation and Sex, 2018	55
42. Deaths by Cause and Type of Certification, 2018	56
43. Deaths and Death Rates by Cause, 2016 - 2018	58
44. Male Deaths by Cause and Age Group, 2018	60
45. Female Deaths by Cause and Age Group, 2018	64
46. Deaths by Cause, Ethnic Group and Sex, 2018	68

Singapore

Registration of Births and Deaths 2018

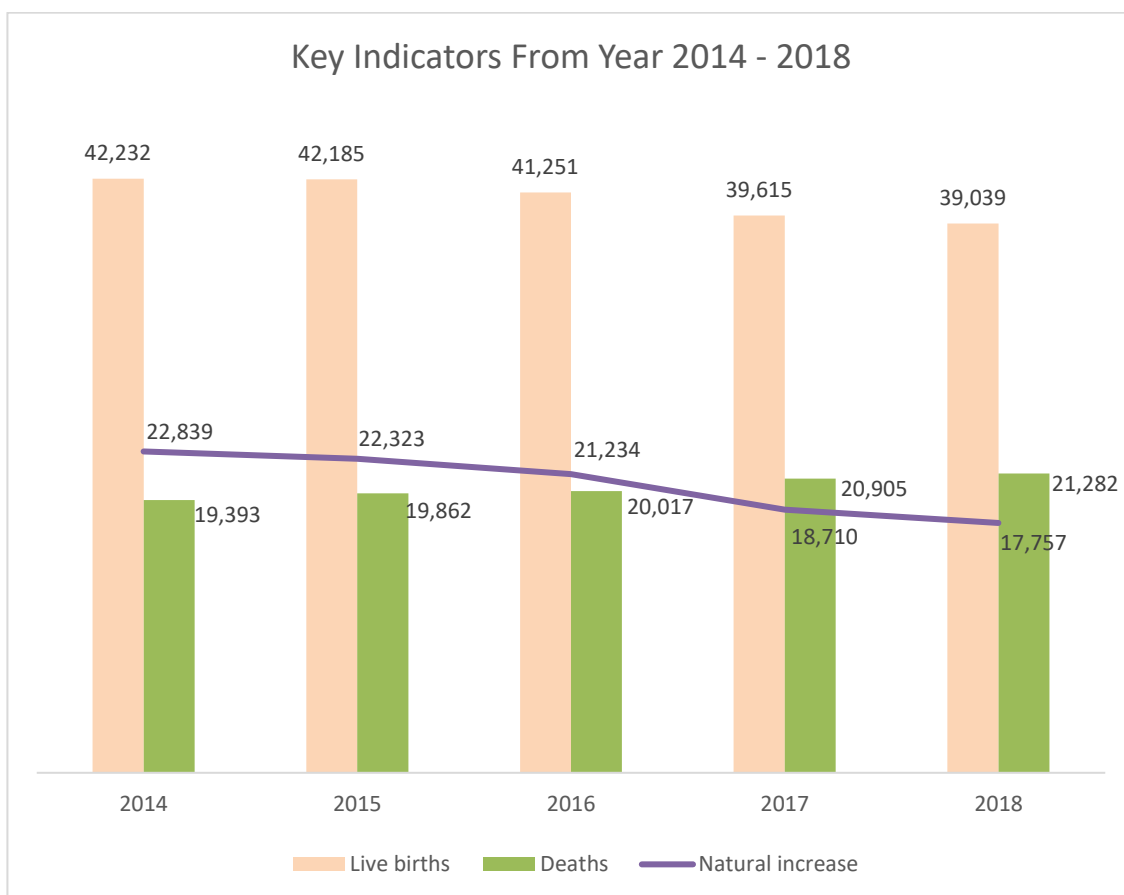
Summary

Live Births 39,039 (-1.5%)

Deaths 21,282 (1.8%)

In 2018, there were 39,039 occurred live births. Deaths and still births registered were 21,282 and 89 respectively. When compared to year 2017 there was a dip of 1.5% in live births counts and there was an increase of 1.8% in the numbers of deaths registered.

Key Indicators From Year 2014 - 2018



Note: Percentage figures used in the report may not add up to 100 percent due to rounding.

Key Indicators

Table I : Key Indicators

	2009		2016		2017		2018	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Natural Increase	22,469	5.6	21,234	4.6	18,710	4.0	17,757	3.7
Chinese	11,982	4.4	9,727	3.3	7,613	2.6	6,609	2.2
Malays	3,564	7.4	4,305	8.4	4,361	8.5	4,543	8.7
Indians	2,837	7.9	2,842	6.0	2,699	5.4	2,627	5.3
Others	4,086	20.0	4,360	14.9	4,037	13.0	3,978	13.5
Live Births	39,570	9.9	41,251	9.4	39,615	8.9	39,039	8.8
Chinese	24,799	8.8	24,749	8.2	23,360	7.7	22,650	7.5
Malays	6,053	12.0	7,143	13.5	7,315	13.7	7,592	14.1
Indians	4,196	11.2	4,499	9.9	4,421	9.5	4,349	9.2
Others	4,522	21.5	4,860	16.9	4,519	15.1	4,448	15.2
Deaths	17,101	4.3	20,017	4.8	20,905	5.0	21,282	5.0
Chinese	12,817	4.5	15,022	5.0	15,747	5.2	16,041	5.2
Malays	2,489	4.6	2,838	5.1	2,954	5.2	3,049	5.4
Indians	1,359	3.3	1,657	3.8	1,722	4.1	1,722	4.0
Others	436	1.5	500	2.0	482	2.1	470	1.7
Infant Mortality	102	2.2	101	2.4	94	2.2	88	2.1
Neonatal Mortality	63	1.3	57	1.4	48	1.2	56	1.3
Perinatal Mortality	126	3.2	124	3.0	134	3.4	127	3.2
Still Births	79	2.0	89	2.2	99	2.5	89	2.3

Note 1: Infant mortality refers to death of persons under one year of age. Crude infant mortality rate refers to the number of infant deaths per thousand live births. From 1980 onwards, this rate is based on resident live births only.

Note 2: Neonatal mortality refers to death of persons under 28 days of age. Crude neonatal mortality rate refers to the number of neonatal deaths per thousand live births. From 1990 onwards, this rate is based on resident live births only.

Note 3: Perinatal mortality refers to still birth and death of persons under seven days of age. Crude perinatal mortality rate refers to the number of perinatal deaths per thousand live births and still births.

Note 4: For more info please refer to explanatory notes on page 26 – 27.

General

The Immigration & Checkpoints Authority (ICA) administers the Registration of Births and Deaths Act (Chapter 267). Under this Act, all live births, deaths and still births occurring within Singapore and its territorial waters are required to be registered within the stipulated period. The Registry also re-registers births under the Adoption of Children Act (Chapter 4).

2 In 2018, 39,039 live births, 21,282 deaths and 89 still births were registered. In this report, date of occurrence is adopted for the compilation of births statistics while date of registration is adopted for deaths statistics.

Late Registrations

3 Live births registered after 42 days from occurrence are classified as late registrations. In 2018 there were 197 late registrations of live births. Of these, 30 cases were registered after a lapse of 12 months from the date of birth.

4 Deaths registered after three days from occurrence are treated as late registrations. In 2018, there were 114 late registrations of deaths. Of these, 71 cases were registered after seven days from the date of death.

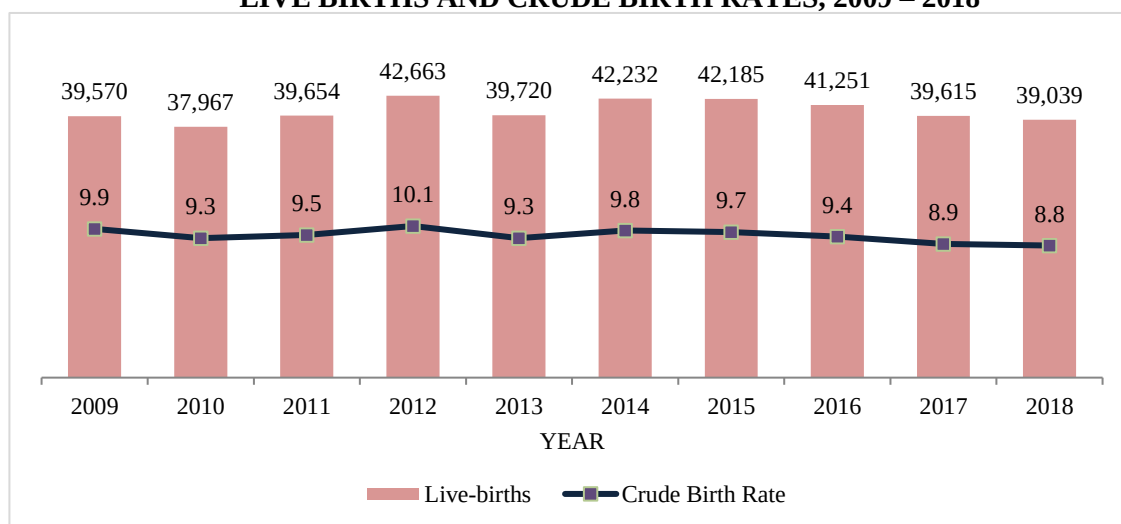
Re-Registration of Adopted Children

5 Under the Adoption of Children Act, the birth of a child shall be registered under the Registration of Births and Deaths Act upon an Adoption Order issued by the Court. If the child's birth had previously been registered under the Registration of Births and Deaths Act, the name of the child, as well as the names and other particulars of the adoptive parents, as recorded in the Adoption Order, are entered in the birth register in place of the natural or last adoptive parents of the child. In 2018, 371 children were adopted and registered under the Act.

Live Births

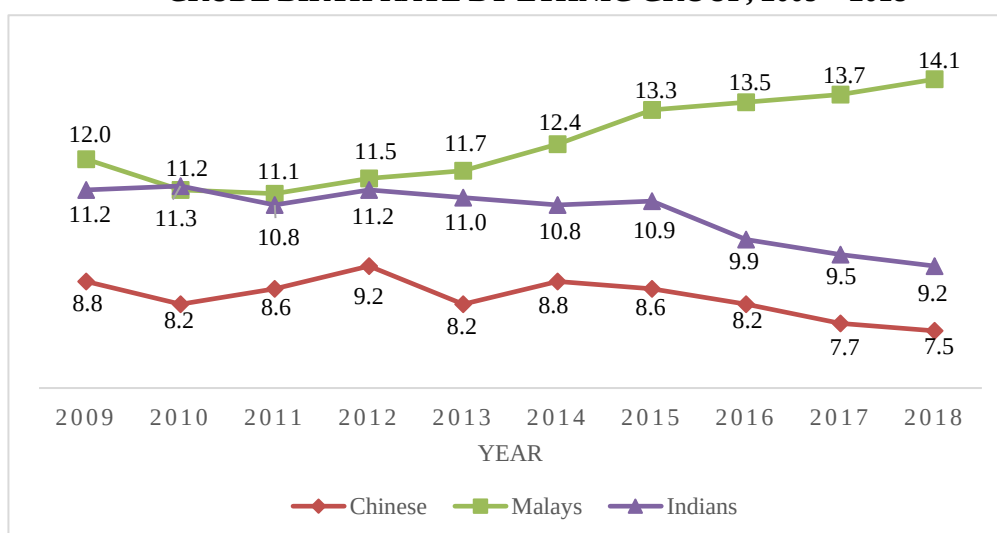
6 The number of live births was 39,039 in 2018, showing a decrease of 1.5% compared with 39,615 in 2017. The crude birth rate declined from 8.9 to 8.8 per 1,000 Singapore residents this year (Chart 1).

Chart 1
LIVE BIRTHS AND CRUDE BIRTH RATES, 2009 – 2018



7 Among the newborns, 22,650 (58.0%) were Chinese, 7,592 (19.4%) Malays, 4,349 (11.1%) Indians and 4,448 (11.4%) of newborns were of other races. In 2018, Malays registered the highest birth rate of 14.1 per 1,000 residents followed by Indians at 9.2 per 1,000 residents. Chinese registered the lowest rate of 7.5 per 1,000 residents (Chart 2).

Chart 2
CRUDE BIRTH RATE BY ETHNIC GROUP, 2009 – 2018

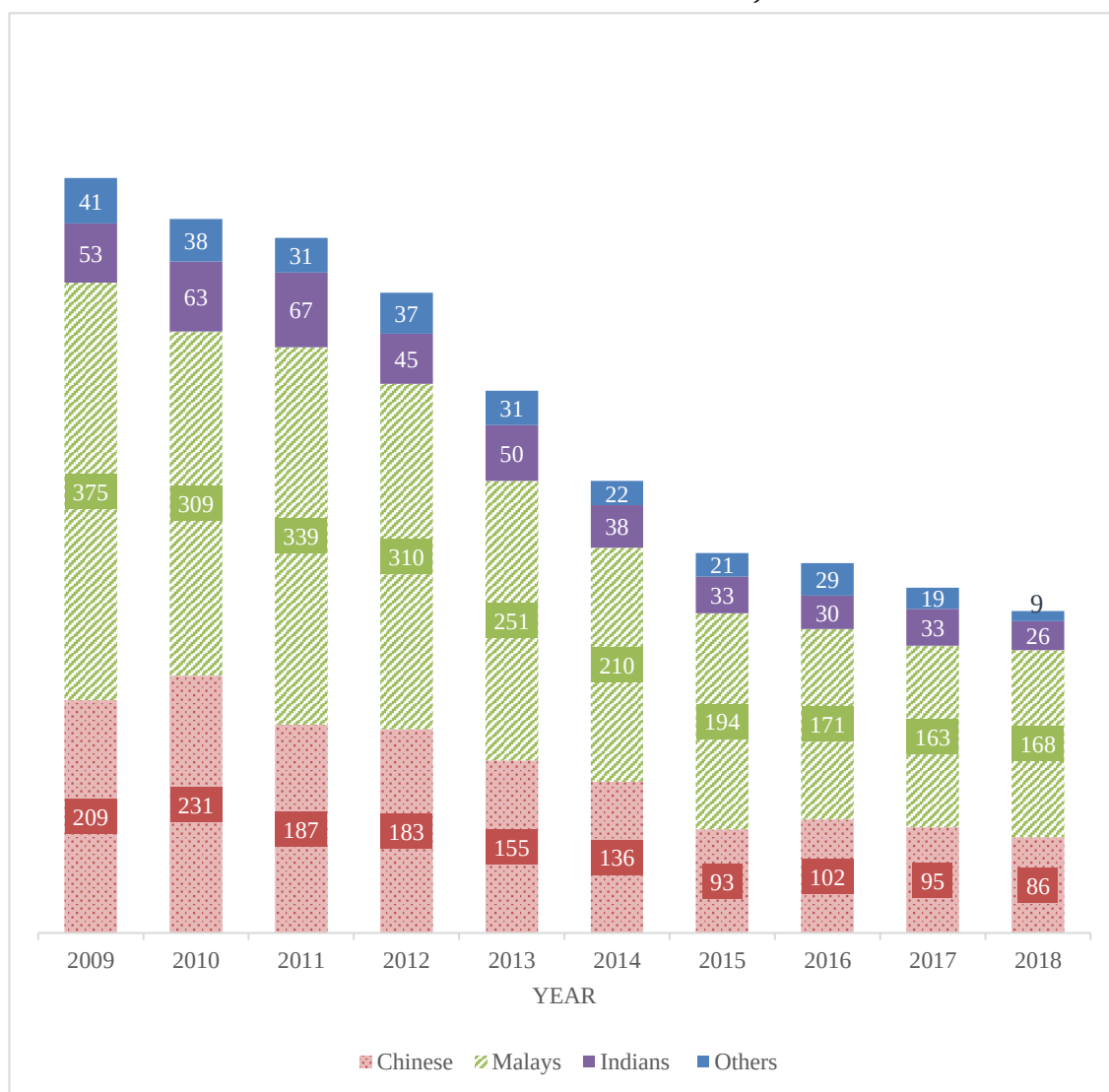


Live Births

Teenage Births

8 There were 289 live births born to teenagers aged 19 and below in 2018, a reduction of 6.8% as compared with 310 in 2017 (Chart 3). 58.1% of the teenage births were born to Malays. Chinese (29.8%), Indians (9.0%) and other ethnic groups (3.1%) accounted for the remaining teenage births. Teenage births have been on a decline this past decade.

Chart 3
TEENAGE BIRTHS BY ETHNIC GROUP, 2009 – 2018



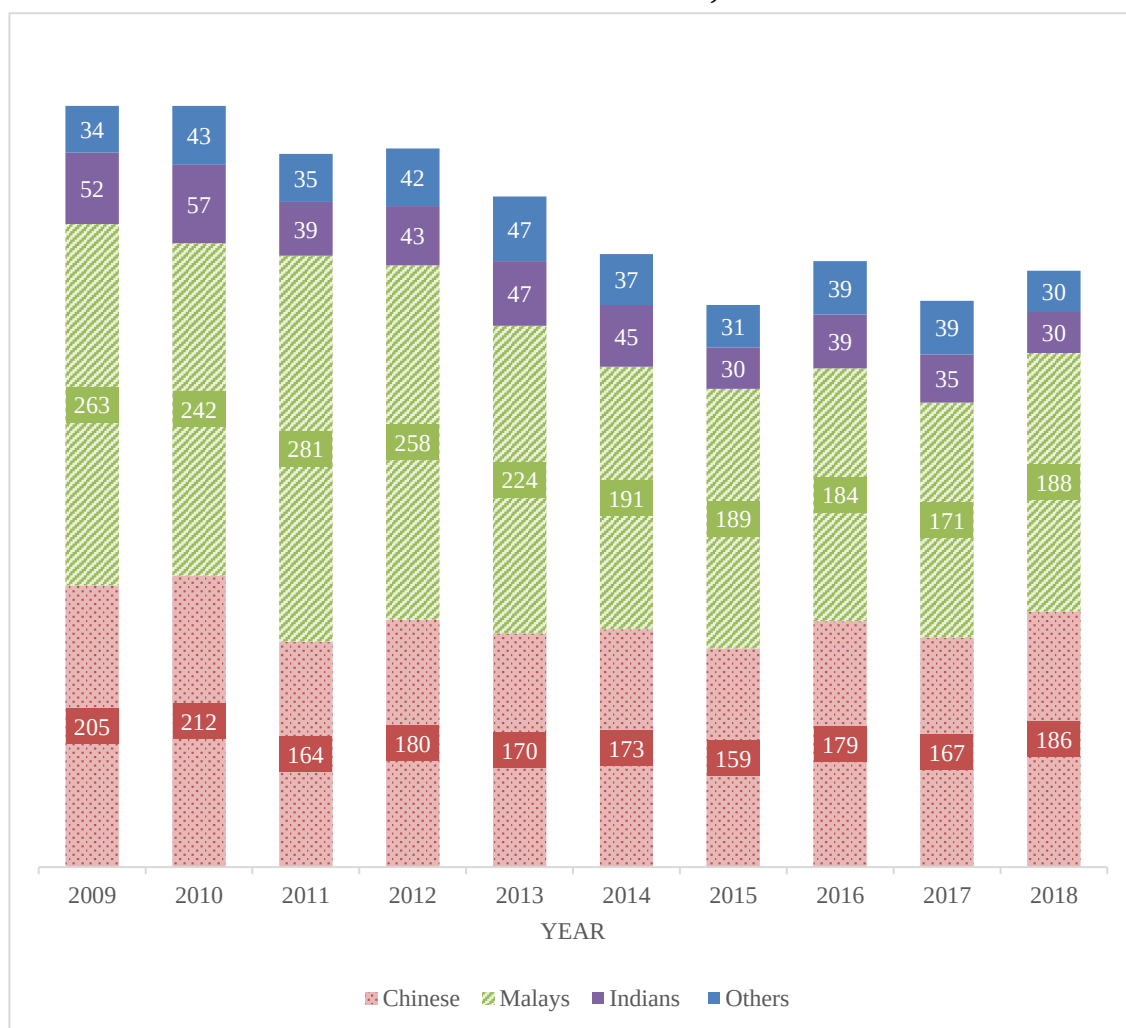
Live Births

Single Parent Registration Births (SP Births)

9 In 2018, 434 live births were registered without the father's name (Chart 4). This is an increase of 5.3% as compared to 2017. Out of these 434 SP births, 88 (20.3%) births were born to teenagers age 19 and below.

10 As similarly observed in teenage births, Malays made up the largest proportion of SP births. Malays make up 43.3% of total SP births in 2018.

Chart 4
SP BIRTHS BY ETHNIC GROUP, 2009 – 2018

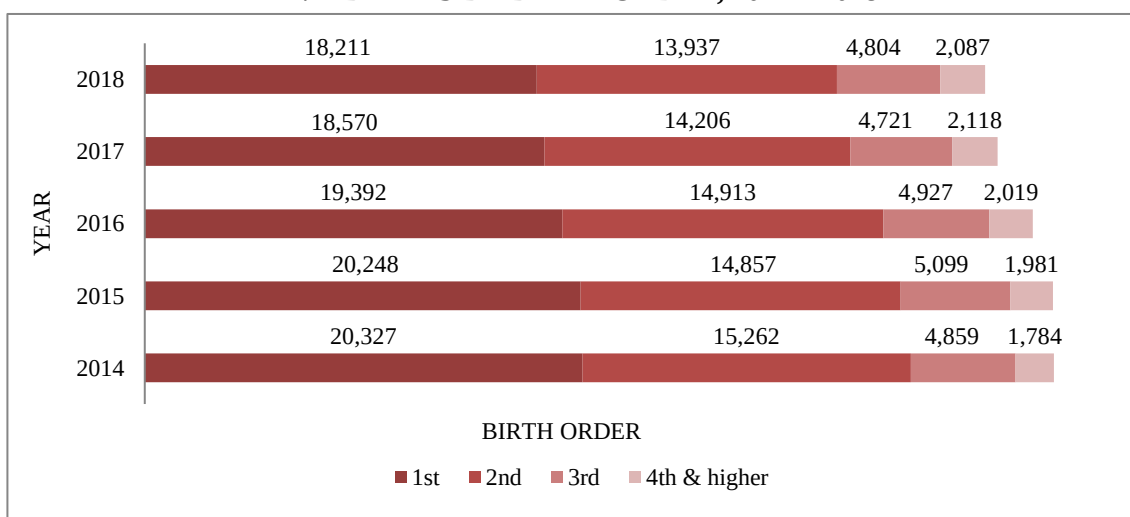


Live Births

Birth Order

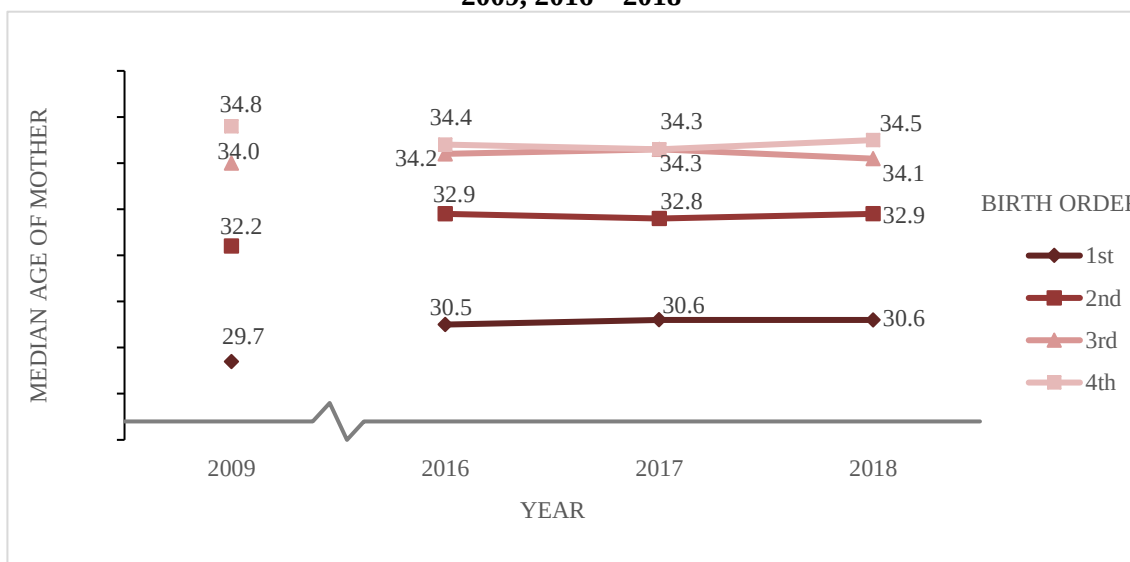
11 Live births in 2018 comprised 46.6% 1st order, 35.7% 2nd order, 12.3% 3rd order and 5.3% 4th & higher order births (Chart 5).

Chart 5
LIVE BIRTHS BY BIRTH ORDER, 2014 – 2018



12 Based on the resident birth order figures, it seems that women have been delaying the birth of children till a later age. The median age of mothers showed increases across the 1st, 2nd and 3rd order births when compared against 2009 (Chart 6).

Chart 6
RESIDENT BIRTH ORDER BY PERIOD AND MEDIAN AGE OF MOTHER, 2009, 2016 – 2018



Live Births

First Time Mothers

13 The median age of resident live births for first time mothers was 30.6 years at the time of giving birth. Malay mothers have their first child at 27.8 years, against 31.4 years for Chinese, 29.8 years for Indian and 31.0 years for Other ethnic groups (Table II).

14 Among these first time mothers, 58.3% had university degrees and 41.7% had 'A' level or lower qualification.

Table II
RESIDENT LIVE BIRTHS FOR FIRST TIME MOTHERS BY ETHNIC GROUP, EDUCATION AND OCCUPATION

Ethnic Group, Educational Qualification and Occupation of Mothers	Number of First Time Mothers		Median Age (years)	
	2017	2018	2017	2018
Ethnic Group				
Chinese	11,089	10,842	31.3	31.4
Malays	2,855	2,970	27.7	27.8
Indians	1,248	1,221	29.8	29.8
Others	1,160	1,145	31.0	31.0
Total	16,352	16,178	30.6	30.6
Education Level				
No Qualification	227	198	29.1	29.2
Primary	652	566	27.6	27.7
GCE 'N' Level	521	485	26.3	25.8
GCE 'O' Level	1,316	1,324	28.1	28.3
GCE 'A' Level	4,152	4,172	29.3	29.4
University	9,481	9,433	31.5	31.5
Unknown	3	-	-	-
Total	16,352	16,178	30.6	30.6
Occupation				
Legislators, Senior Officials, Managers, Professionals, Technicians & Other Associate Professionals	10,965	10,547	31.1	31.2
Clerical, Service, Shop & Market Sales Workers	1,792	1,964	28.8	29.3
Agricultural & Fishery Workers	2	5	-	-
Production, Transport & Other Manual Workers	41	45	28.6	29.8
Workers Not Classifiable by Occupation	25	247	26.4	29.6
Not Working	3,527	3,370	28.9	28.8
Total	16,352	16,178	30.6	30.6

Live Births

Type of Birth and Period of Gestation

15 37,979 mothers had single births, 517 had twins (including four with one live births and one still births) and 10 had triplets (Table III).

16 The modal gestation period for single births was 38 weeks which accounted for 32.4%. The modal gestation period for twin births was 37 weeks, accounting for 30.5% of total twin births. Premature single births, defined as births with gestation period of 36 weeks or less, totaled 2,646 (7.0%) of single births. The number of premature twins, with 36 weeks or less gestation period, accounted for 58.7% of twin births.

Table III
LIVE BIRTHS BY PERIOD OF GESTATION AND TYPE OF BIRTH, 2018

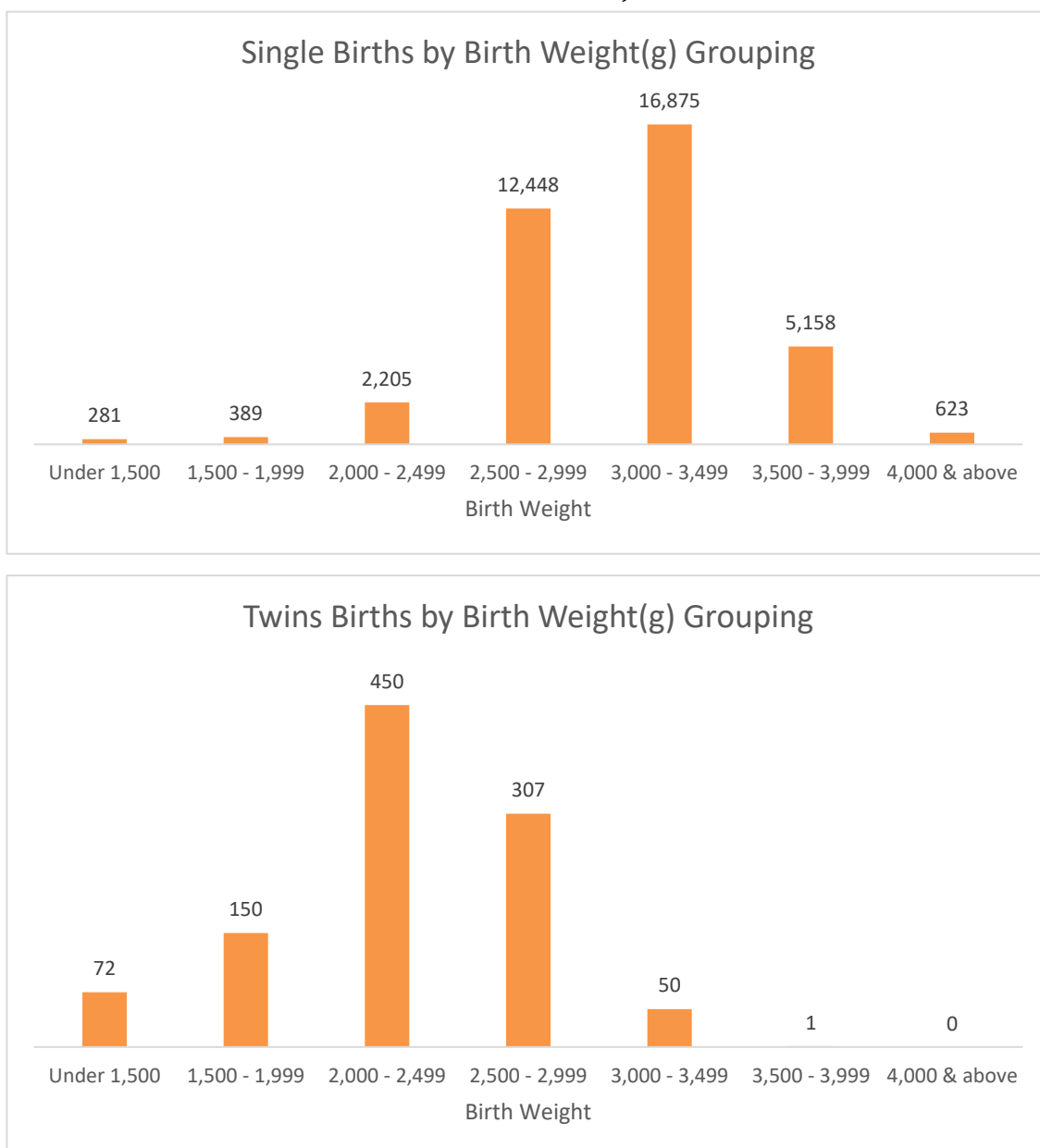
Period of Gestation (weeks)	Total		Type of Birth							
			Single		Twins		Triplets		Others	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All	39,039	100.0	37,979	100.0	1,030	100.0	30	100.0	-	-
Under 28	122	0.3	106	0.3	16	1.6	-	-	-	-
28 - 31	259	0.7	194	0.5	53	5.1	12	40.0	-	-
32 - 35	1,295	3.3	1,004	2.6	276	26.8	15	50.0	-	-
36	1,605	4.1	1,342	3.5	260	25.2	3	10.0	-	-
37	5,806	14.9	5,492	14.5	314	30.5	-	-	-	-
38	12,393	31.7	12,290	32.4	103	10.0	-	-	-	-
39	11,418	29.2	11,410	30.0	8	0.8	-	-	-	-
40	5,632	14.4	5,632	14.8	-	-	-	-	-	-
41	467	1.2	467	1.2	-	-	-	-	-	-
42 & Over	41	0.1	41	0.1	-	-	-	-	-	-
Unknown	1	0.0	1	0.0	-	-	-	-	-	-

Live Births

Birth Weight

17 Chart 7 reflects a strong tendency that twin births were generally lighter in weight than single births.

Chart 7
SINGLE AND TWIN LIVE BIRTHS
BY BIRTH WEIGHT, 2018

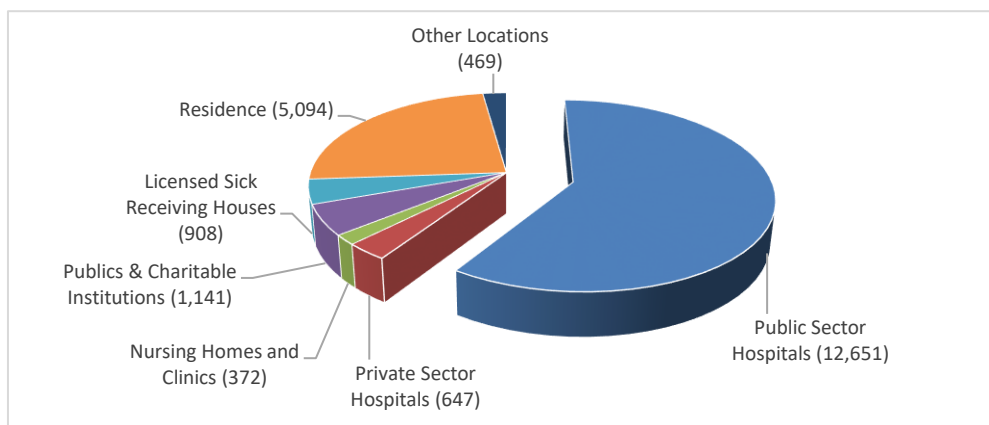


Deaths

18 In 2018 a total of 21,282 deaths were registered, an increase of 377 (or 1.8%) as compared with 20,905 deaths registered in 2017.

19 Deaths that occurred in hospitals constituted 62.5% of the total (Chart 8); with 59.4% in public sector hospitals and 3.0% in private sector hospitals. Deaths in residence made up 23.9%, while 7.1% were in nursing homes and charitable institutions, 4.3% were in sick receiving houses and 2.2% at other locations.

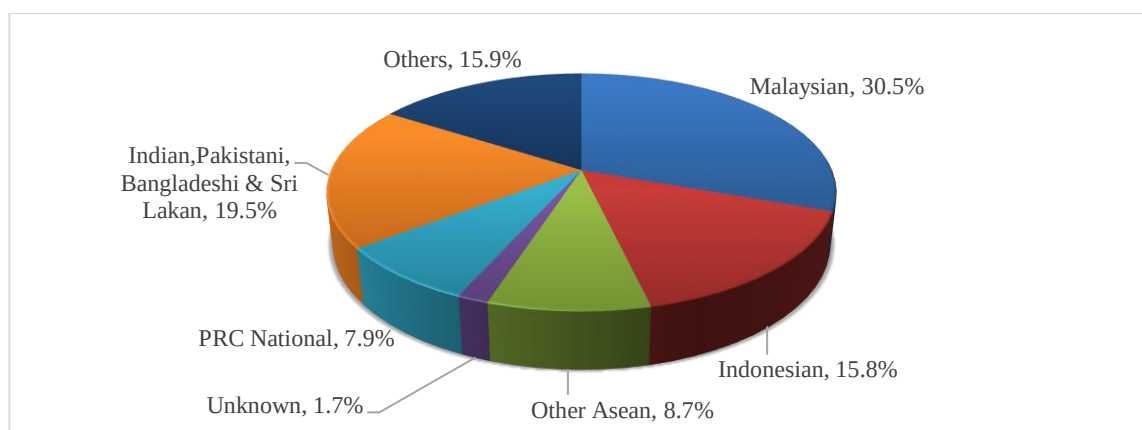
Chart 8
DEATHS BY PLACE OF OCCURRENCE 2018



Nationality

20 5.6% of deaths registered in 2018 were non-Singapore residents (Chart 9). The top 3 nationalities were Malaysians (30.5%), South Asian (consists of Indian, Pakistani, Bangladeshi and Sri Lankan for 19.5%) and Indonesians (15.8%).

Chart 9
DEATHS BY NON-RESIDENT STATUS, 2018



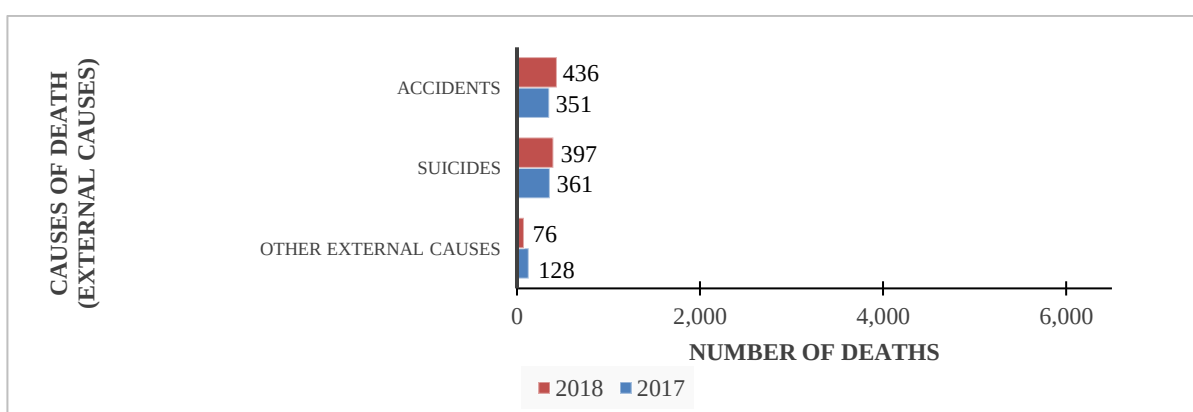
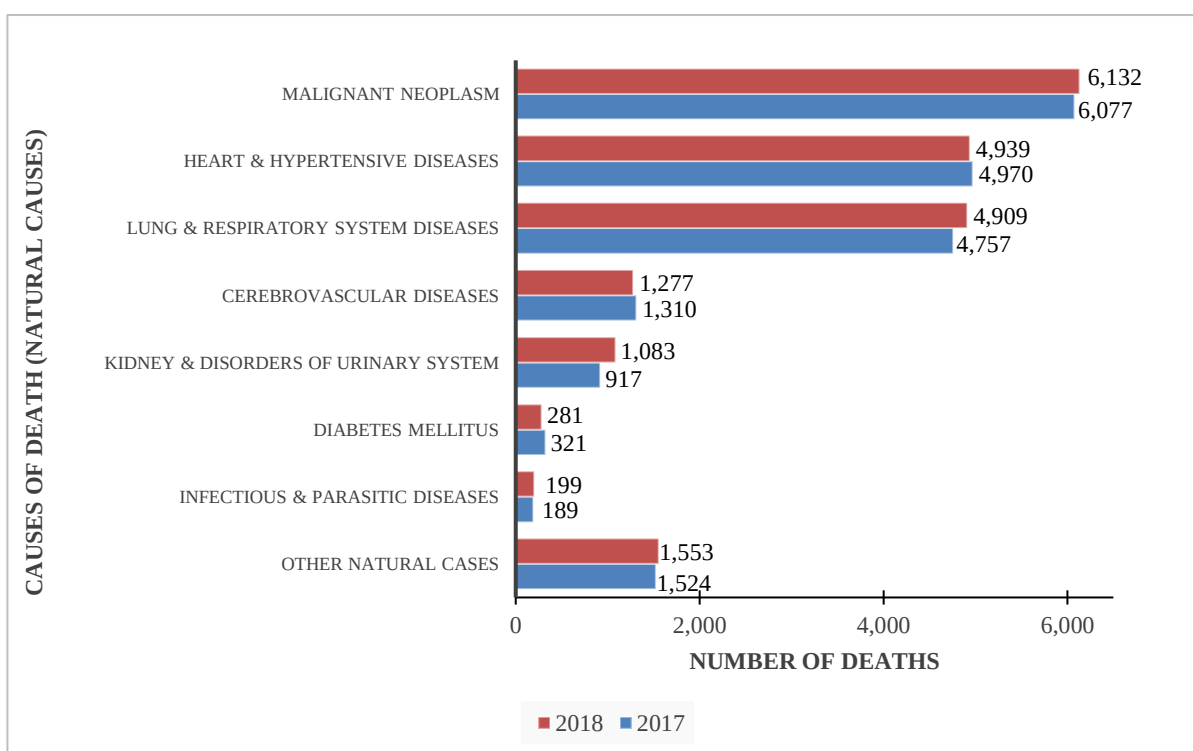
Deaths

Major Causes of Death

21 In 2018, malignant neoplasms and heart & hypertensive diseases were the two common causes of death in Singapore (Chart 10). Altogether, they accounted for more than half (52.0%) of total deaths. Lung & respiratory system diseases and cerebrovascular diseases were another two prevalent causes responsible for 23.1% and 6.0% of death cases respectively. Unnatural causes such as accidents, suicides and other external causes made up 4.3%. As compared with the previous year (measured in terms of percentage), kidney & disorders of urinary system show an increase of 0.7% while heart & hypertensive diseases show declines of 0.6% respectively.

Chart 10

COMPARATIVE MAJOR CAUSES OF DEATH BETWEEN 2017 AND 2018

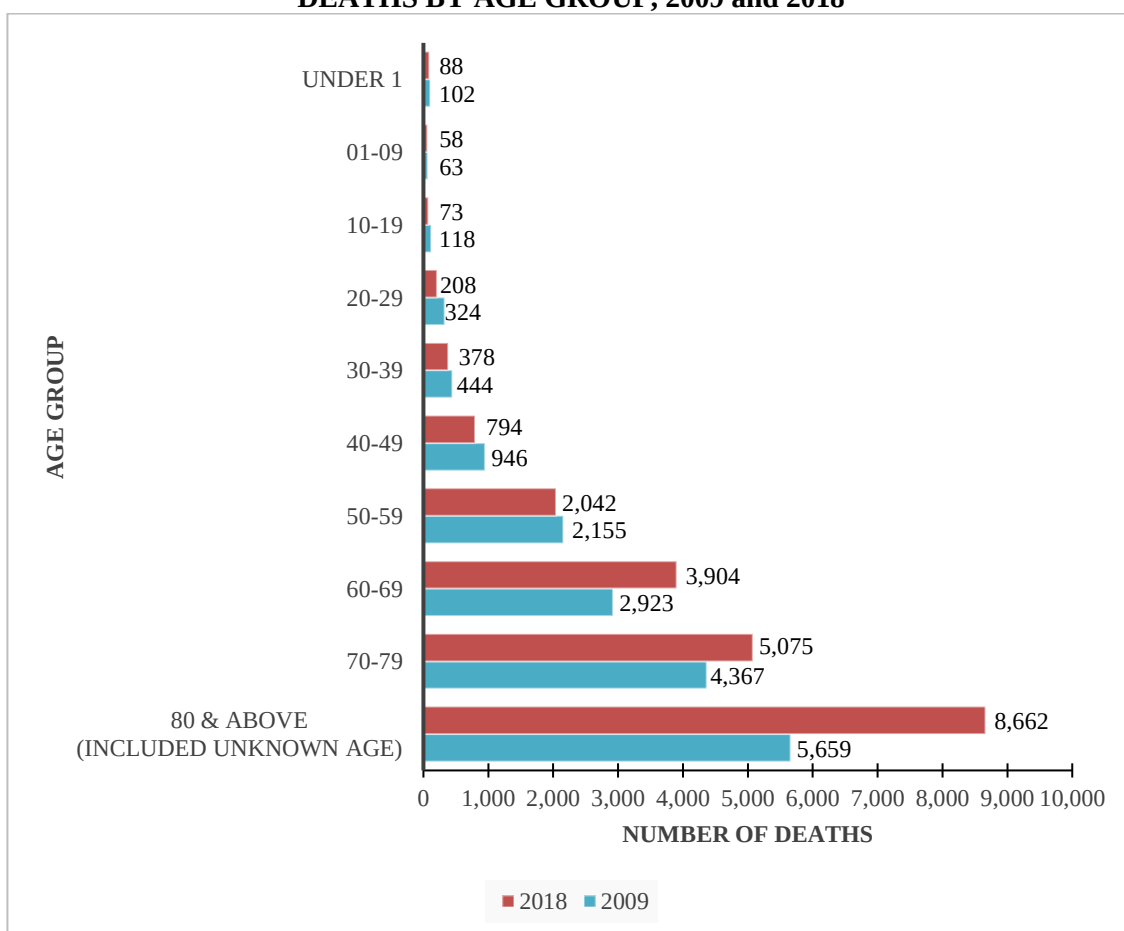


Deaths

Median Age at Death and Gender

22 17,641 deceased persons in 2018 were aged 60 years and over and this accounted for 82.9% of the total deaths. Persons aged between 50 and 59 years old accounted for 9.6% of the total deaths while the number of Infant deaths (age less than one year old) is 88 or 0.4% of total deaths (Chart 11).

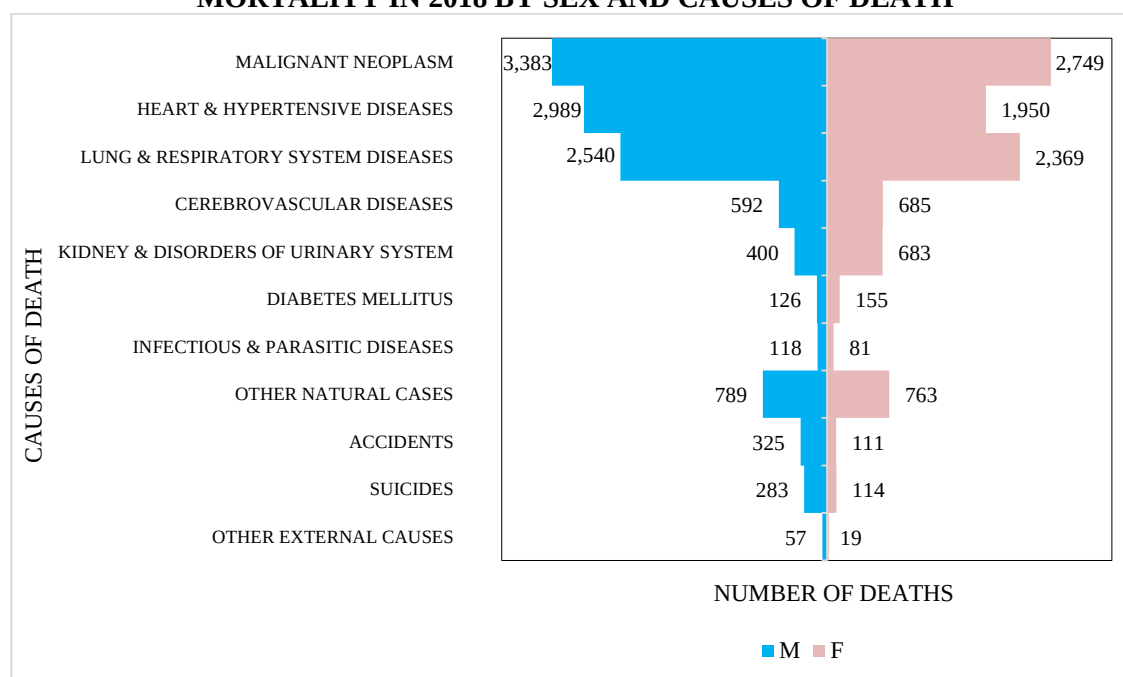
Chart 11
DEATHS BY AGE GROUP, 2009 and 2018



Deaths

23 Males outnumbered females in mortality, giving a ratio of 1,199 males to 1,000 females. In terms of causes of death, males registered a higher proportion in heart & hypertensive diseases and accidents while females registered a higher proportion in kidney & disorders of urinary system and lung & respiratory system diseases (Chart 12).

Chart 12
MORTALITY IN 2018 BY SEX AND CAUSES OF DEATH



24 The median age at death (MA in short) was 76.7 years in year 2018. The highest MA of 83.9 years was recorded for those who died of lung & respiratory system diseases, followed by 81.9 years for kidney & disorders of urinary system and 78.8 years for cerebrovascular diseases (Table IV).

25 The MA has been gradually lengthening over the years. It was 73.9 years in 2009. It increased to 74.9 years and 76.7 years in 2013 and 2018 respectively. Not including other natural causes, the increase in MA was most conspicuous among diabetes mellitus (73.6 year in 2009 to 77.7 years) and kidney & disorders of urinary system (78.5 years in 2009 to 81.9 years in 2018).

26 Females lived longer than their male counterparts. The MA was 72.9 years for males compared to 80.5 years for females, a difference of 7.6 years. The sex differential in MA changed little over the years and it occurred across all major causes of death.

Deaths

Table IV
COMPARATIVE MEDIAN AGE AT DEATH BY CAUSES AND SEX

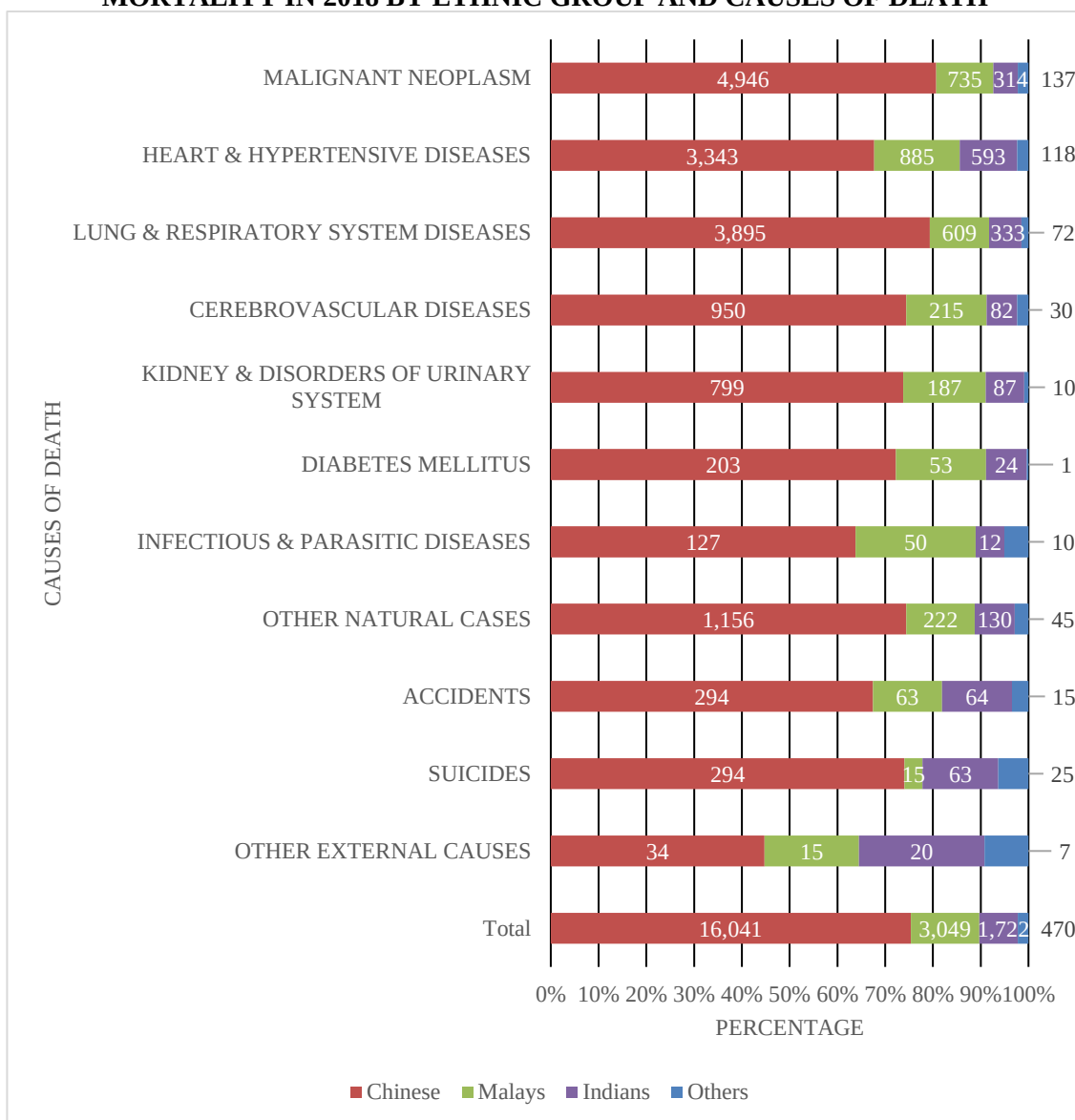
Causes of Death	Sex	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Malignant Neoplasms	F	69.7	69.9	70.3	70.1	70.7	70.6	71.2	70.2	70.5	71.0
	M	69.9	69.7	70.4	70.6	69.9	70.7	70.3	70.4	70.7	71.2
	Total	69.9	69.8	70.3	70.5	70.2	70.6	70.7	70.4	70.7	71.1
Heart & Hypertensive Diseases	F	78.9	80.1	80.2	79.0	80.4	80.0	80.7	80.8	81.3	82.2
	M	69.4	69.6	68.8	68.2	69.4	69.6	68.9	69.6	70.3	70.1
	Total	73.6	74.7	73.8	73.3	74.3	74.3	74.6	75.0	75.7	75.1
Lung & Respiratory System Diseases	F	84.6	84.9	84.9	85.1	85.4	86.1	86.4	86.5	86.3	86.6
	M	78.7	78.6	79.6	79.3	79.6	80.3	80.5	80.7	80.8	81.4
	Total	81.0	81.5	81.9	82.1	82.4	83.1	83.5	83.5	83.7	83.9
Cerebrovascular Diseases	F	81.6	81.7	82.0	82.9	82.7	82.9	81.9	82.3	83.3	83.1
	M	74.2	73.5	75.0	74.5	75.4	75.1	74.2	74.1	74.1	72.9
	Total	78.7	78.8	78.9	79.7	79.3	79.4	78.7	79.0	79.2	78.8
Kidney & Disorders of Urinary System	F	79.9	80.9	80.3	80.9	81.8	82.9	81.8	83.6	82.8	83.4
	M	75.7	75.9	76.7	76.4	76.9	78.5	77.1	79.2	78.5	78.6
	Total	78.5	79.0	78.7	79.2	80.1	81.3	80.3	82.1	81.1	81.9
Diabetes Mellitus	F	77.4	74.5	76.1	76.8	78.3	79.2	77.0	78.5	79.0	80.1
	M	68.7	69.0	69.1	68.8	69.0	71.1	70.5	73.3	72.3	73.4
	Total	73.6	71.7	73.1	73.0	74.4	76.7	75.1	76.4	76.4	77.7
Infectious & Parasitic Diseases	F	79.4	79.7	78.7	76.5	74.7	74.7	77.0	75.4	76.0	75.8
	M	72.0	70.9	69.4	63.6	66.5	63.4	67.1	67.9	64.6	68.1
	Total	74.3	74.8	72.2	68.5	69.3	67.7	68.7	72.3	68.4	71.0
Other Natural Causes	F	74.0	72.4	73.8	74.6	76.3	78.2	79.7	78.2	79.3	80.3
	M	60.9	66.1	63.8	66.2	67.2	66.5	68.1	68.3	70.4	70.2
	Total	66.4	69.5	69.8	71.4	71.9	72.8	73.8	73.5	75.7	76.0
Accidents	F	70.7	61.4	69.4	70.9	68.3	75.1	66.0	70.1	69.1	68.6
	M	43.4	46.2	44.5	48.8	49.3	45.2	53.0	52.3	61.7	55.2
	Total	49.1	49.2	49.9	52.9	52.5	53.8	54.6	58.2	64.1	59.7
Suicides	F	50.8	46.3	50.2	47.8	47.1	47.5	44.2	44.7	51.7	48.8
	M	44.8	47.9	51.6	48.0	47.6	51.7	45.9	47.5	50.1	47.8
	Total	46.4	47.1	51.4	47.9	47.5	50.9	45.9	47.1	50.9	47.9
Other External Causes	F	48.0	44.6	46.2	34.9	41.8	38.9	30.4	44.3	38.2	56.7
	M	40.0	42.1	42.5	41.9	42.2	41.8	43.0	42.2	44.3	49.4
	Total	42.8	42.8	42.7	39.0	42.1	39.4	38.4	43.0	43.2	50.0
ALL	F	77.6	78.0	77.9	78.1	78.9	79.5	79.7	79.6	80.1	80.5
	M	70.7	71.2	71.4	71.5	72.0	72.5	72.3	72.7	73.2	72.9
	Total	73.9	74.4	74.3	74.2	74.9	75.5	75.7	76.1	76.6	76.7

Deaths

Ethnic Group

27 75.4% of deaths registered in 2018 were Chinese while Malays, Indians and other ethnic groups made up of 14.3%, 8.1% and 2.2% of death cases respectively (Chart 13).

Chart 13
MORTALITY IN 2018 BY ETHNIC GROUP AND CAUSES OF DEATH



Deaths

28 Table V shows that there were differences in the MA among different ethnic groups. The MA for Chinese was 78.3 years compared with 71.0 years for Malays, 68.7 years for Indians and 66.3 years for other ethnic groups. The gap in MA between Chinese and non-Chinese ethnic groups existed in all major causes of death.

Table V
THE MEDIAN AGE AT DEATH BY MAJOR CAUSES OF DEATH
AND ETHNIC GROUP, 2018

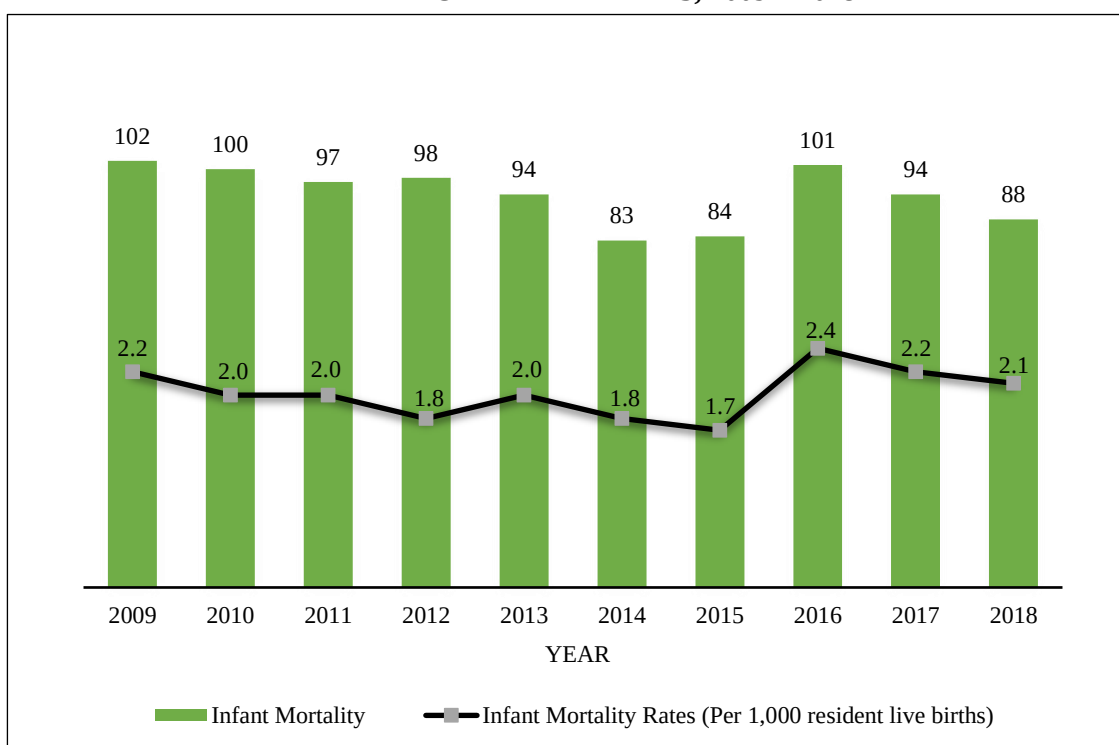
Cause of Death	ALL	Chinese	Malays	Indians	Others
Natural Causes					
Malignant Neoplasms	71.1	72.2	65.3	67.3	65.4
Heart & Hypertensive Diseases	75.1	78.1	69.3	66.7	67.4
Lung & Respiratory System Diseases	83.9	84.7	80.2	80.9	82.6
Cerebrovascular Disease	78.8	79.6	76.7	72.2	70.3
Kidney & Disorders of Urinary System	81.9	83.4	77.1	79.3	73.6
Diabetes Mellitus	77.7	79.4	70.5	71.0	70.9
Infectious & Parasitic Diseases (Tuberculosis, Septicaemia, etc)	71.0	73.6	65.0	64.8	49.7
Other Natural Cases	76.0	78.0	67.6	65.6	56.9
Accidents and Violence (All Forms)					
Accidents	59.7	68.1	47.2	40.0	32.7
Suicides	47.9	51.0	39.7	34.8	33.7
Other External Causes	50.0	56.3	50.9	37.5	34.6
ALL	76.7	78.3	71.0	68.7	66.3

Deaths

Infant Mortality

29 Of the 88 infant deaths registered in 2018, 49 were males and 38 were females and one was of unknown sex. The main causes of infant death were Perinatal Originated Conditions (39.8%) and Congenital Anomalies (30.7%). The infant mortality rate in 2018 was 2.1 per 1,000 resident live births (Chart 14).

Chart 14
INFANT MORTALITY RATES, 2009 – 2018



Neonatal Mortality

30 The number fell from 63 in 2009 to 56 in 2018. The neonatal mortality rate remains unchanged at 1.3 per 1,000 resident live births.

Perinatal Mortality

31 Including still births, there were 127 perinatal deaths registered in 2018. The perinatal mortality rate was 3.2 per 1,000 live births and still births.

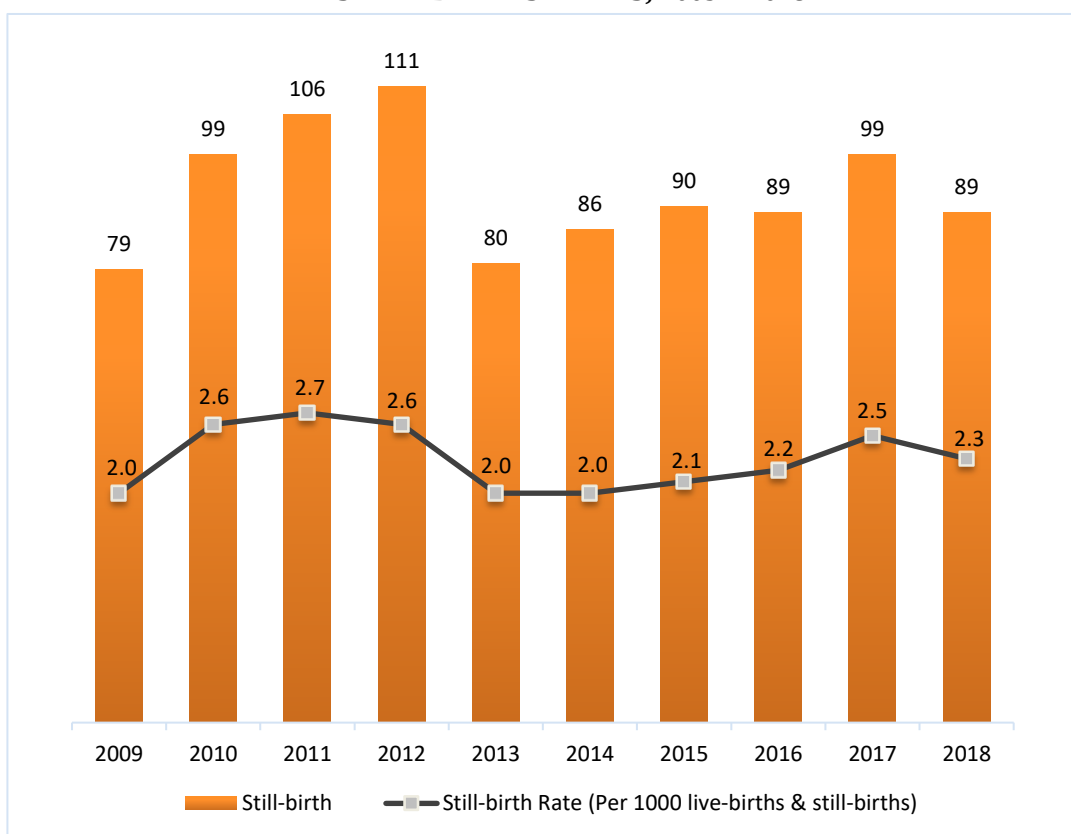
Maternal Mortality

32 In 2018, there were four maternal deaths registered.

Still Births

33 The percentage of still births registered in 2018 decreased by 10.1% to 89 as compared to 99 in 2017. Chart 15 shows that the crude still births rates varied between 2.0 to 2.7 per 1,000 live births and still births for the last 10 years.

Chart 15
STILL BIRTHS RATES, 2009 – 2018



34 Still births registered in 2018 comprised 31 males and 58 females. Still births in excess of 36 weeks of gestation period constituted 39.3% of total still births.

ANNEXURE

PROCEDURES FOR THE REGISTRATION OF LIVE BIRTHS, DEATHS AND STILL BIRTHS

LIVE BIRTHS

All live births occurring in Singapore can be registered at one of the following Birth Registration Centres stated below:

- a Registry of Births and Deaths at the ICA Building;
- b Gleneagles Hospital;
- c KK Women's and Children's Hospital;
- d Mount Alvernia Hospital;
- e Mount Elizabeth Hospital;
- f Mount Elizabeth Novena Hospital;
- g National University Hospital;
- h Parkway East Hospital;
- i Raffles Hospital;
- j Singapore General Hospital; or
- k Thomson Medical Pte Ltd.

2 The following documents are required to be produced at the time of birth registration:

- a Notification of Live birth;
- b Identification Documents of both parents i.e. Singapore Pink Identity Card or Foreign Travel Document (with their Singapore Blue Identity Card or Long Term Pass Card issued by ICA, if applicable); and
- c Original Marriage Certificate of parents.

3 The Certificate of Registration of Birth is prepared in 2 copies. One copy is retained by the Registrar while the other copy is laminated and issued to the informant. The fee for a birth certificate is S\$18.00. For births registered at the respective maternity hospitals, these centres may charge an additional administrative fee on top of the fee for a birth certificate.

4 All live births must be registered within 14 days. Registrations effected after 14 days but before the expiry of 42 days are classified as Delayed Registrations. Registrations after the expiry of 42 days are classified as Late Registrations.

DEATHS

5 Deaths which occur in government restructured hospitals can be registered at the respective hospitals. Deaths which occur elsewhere in Singapore are registered at the Registry of Births and Deaths or any of the Police Divisional Headquarter/Neighbourhood Police Centre or Post. The following documents are required to be produced for registration:

- a Certificate of Cause of Death issued by a medical practitioner;
- b Identification Document of deceased, i.e. Singapore Pink Identity Card or Foreign Travel Document (with their Singapore Blue Identity Card or Long Term Pass Card issued by ICA, if applicable);
- c Singapore Passport of deceased;
- d Birth Certificate or Certificate of Citizenship of deceased, where applicable; and
- e Identification Document of the Informant, i.e. Singapore Pink Identity Card or Foreign Travel Document (with their Singapore Blue Identity Card or Long Term Pass Card issued by ICA).

6 A death which has occurred at home and is not attended by a doctor must first be reported to the Police who will make arrangements for an authorised medical practitioner to examine the body. The medical practitioner will issue a Certificate of Cause of Death if he is satisfied that the death is due to natural causes. The death must then be registered at the Registry of Births and Deaths or any of the Police Divisional Headquarter/Neighbourhood Police Centre or Post. The documents required to be produced for registration are as mentioned in Paragraph 5 above.

7 The Certificate of Registration of Death, together with the attached Burial/Cremation Permit, is prepared in 2 copies. One copy is issued to the informant and the other copy is retained by the Registrar. An acknowledgement slip for the documents (as mentioned in paragraph 5b, c and d) surrendered will be issued to the informant. All documents invalidated are returned to the informant.

8 No fee is required for the registration of a death. If the body of a deceased is to be exported to another country, an Export Permit must be obtained from the Port Health Officer, Ministry of the Environment and Water Resources. The Export Permit can only be obtained after the death has been registered.

9 All deaths in Singapore must be registered within three days of occurrence. Death registrations after three days are classified as Late Registrations.

STILL-BIRTHS

10 Still-births which occur in government restructured hospitals are registered at the respective hospitals. Still-births which occur elsewhere in Singapore are registered at the Registry of Births and Deaths or any of the Police Divisional Headquarter/Neighbourhood Police Centre or Post. The following documents are required to be produced for registration:

- a Notification of Still-birth issued by a doctor;
- b Identification Documents of both parents i.e. Singapore Pink Identity Card or Foreign Travel Document (with Singapore Blue Identity Card or Long Term Pass Card issued by ICA, if applicable); and
- c Identification Document of the Informant, i.e. Singapore Pink Identity Card or Foreign Travel Document (with Singapore Blue Identity Card or Long Term Pass Card issued by ICA).

11 Upon registration, a Permit to Bury or Cremate Body and an acknowledgement slip for the documents surrendered are issued to the informant while the Certificate of Registration of Still-birth is retained by the Registrar. No fee is required for the registration of a still-birth.

12 All still-births must be registered within 14 days.

		REPUBLIC OF SINGAPORE CERTIFICATE OF REGISTRATION OF BIRTH		BIRTH REGISTRATION No.	
CHILD'S PARTICULARS	Birth Registered at				
	Full Name				
	Sex	Date of Birth		Time of Birth Hours	
	Place or Address of Birth				
MOTHER'S PARTICULARS	Name			Date of Birth	
	NRIC/Identification Document No.	Race		Dialect Group	
	Nationality			Country/Place of Birth	
	Address				
FATHER'S PARTICULARS	Name				
	NRIC/Identification Document No.	Race		Dialect Group	
	Nationality			Country/Place of Birth	
	Address				
INFORMANT'S PARTICULARS	Name				
	NRIC/Identification Document No.			Relationship	
	Address				
FOR OFFICIAL USE					
I certify that the above information given by me is correct.					
Informant's Signature or Thumb Impression			Date		
for Registrar of Births and Deaths			Date		

REPUBLIC OF SINGAPORE		DEATH REGISTRATION NO.					
CERTIFICATE OF REGISTRATION OF DEATH							
DECEASED	Death registered at						
	Full name of deceased						
	NRIC/Identification Document No.		Sex		Date of Birth		
	Race/Dialect Group		Nationality		Country/Place of Birth		
	Home Address			Date and Hour of Death			
	Place or Address where death occurred			Approximate interval between onset and death			
CAUSE OF DEATH BY CERTIFIER	I			Years	Months	Days	Hours
	Disease or condition (a)						
	leading to death (b)						
	Antecedent Causes (c)						
	II						
Other significant conditions							
Name and official status of person certifying cause of death			Certificate of Cause of Death Reference No.:				
			Date:				
INFORMANT	Name		I certify that the above information given by me is correct.				
	Address						
	NRIC/Identification Document No.						
	Relationship						
		_____ Informant's Signature / Thumb Impression _____ Date					
REGISTRATION OFFICER	Name of Registration Officer						
	Designation						
	Date						
_____ for Registrar of Births and Deaths							

REPUBLIC OF SINGAPORE CERTIFICATE OF REGISTRATION OF STILL-BIRTH		STILL-BIRTH REGISTRATION No. No.	
CHILD'S PARTICULARS	Still-birth registered at		
	Sex	Date of Birth	Hour of Birth
	Place and Address of Birth		Cause of Death
MOTHER'S PARTICULARS	Maiden Name		
	NRIC/Identification Document No.	Race/Dialect Group	Nationality
	Date of Birth	Address	
FATHER'S PARTICULARS	Name		
	NRIC/Identification Document No.	Race/Dialect Group	Nationality
INFORMANT'S PARTICULARS	State relationship (e.g. Father, Mother, etc.)		Name and Address
	NRIC/Identification Document No.		
I certify that the information given by me is correct. _____ Informant's Signature or Thumb Impression		_____ Registrar of Births and Deaths	
_____ Date		_____ Date	

EXPLANATORY NOTES

EXPLANATORY NOTES

- 1 *Resident population* refers to Singapore citizens and permanent residents. Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer as at the reference period.
- 2 *Annual population growth rate* refers to the annual population increase per thousand population, and is based on Singapore residents only. For 2003, the annual population growth rate is computed based on 2003 unrevised population estimates.
- 3 *Sex ratio* refers to the number of males per thousand females and is based on Singapore residents only.
- 4 *Natural increase* refers to the excess of births over deaths.
- 5 *Crude rate of natural increase* refers to the natural increase per thousand population. From 1980 onwards, this rate is based on Singapore residents only.
- 6 *A live birth* refers to an infant, irrespective of the duration of gestation, which after the complete expulsion or extraction from its mother, breathes or shows any other signs of life. From 1953 onwards, the figures are based on date of occurrence. Prior to 1953, they are based on date of registration.
- 7 *Crude birth rate* refers to the number of live births per thousand population. From 1980 onwards, this rate is based on Singapore residents only.
- 8 *Birth order* refers to the numerical order of a child in relation to all previous live births of its mother.
- 9 *Period of gestation* refers to the number of weeks a baby remained in its mother's womb before birth.
- 10 *A premature birth* refers to a birth with less than 37 weeks of gestation.
- 11 *A death* refers to the permanent disappearance of all signs of life of a living person at any time. Death figures referred to the number of deaths registered during the year.
- 12 *Crude death rate* refers to the number of deaths per thousand population. From 1980 onwards, this rate is based on Singapore residents only.
- 13 *Infant mortality* refers to death of persons under one year of age.

- 14 *Crude infant mortality rate* refers to the number of infant deaths per thousand live births. From 1980 onwards, this rate is based on resident live births only.
- 15 *Neonatal mortality* refers to death of persons under 28 days of age.
- 16 *Crude neonatal mortality rate* refers to the number of neonatal deaths per thousand live births. From 1990 onwards, this rate is based on resident live births only.
- 17 *Perinatal mortality* refers to still birth and death of persons under seven days of age.
- 18 *Crude perinatal mortality rate* refers to the number of perinatal deaths per thousand live births and still births.
- 19 *Maternal mortality* refers to deaths of mothers owing to deliveries and complications arising from pregnancy, childbirth and puerperium.
- 20 *Crude maternal mortality rate* refers to the number of maternal deaths per hundred thousand live births.
- 21 A *still birth* refers to an infant born after a minimum of 28 weeks of gestation, which after expulsion or extraction from its mother, does not breathe or show any signs of life. Still birth figures referred to the number of still births registered during the year.
- 22 *Crude still birth rate* refers to the number of still births per thousand live births and still births.
- 23 *Resident live-births* refer to those with at least one parent who is Singapore citizen or permanent resident.

TABLES

Table 1
POPULATION AND VITAL STATISTICS, 1999 - 2018

Year	Population *	Natural Increase	Live Births	Deaths	Still Births	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
1999	3,229,681	27,820	43,336	15,516	125	150	86	183	4
2000	3,273,363	31,304	46,997	15,693	143	137	82	204	8
2001	3,325,902	26,084	41,451	15,367	107	100	55	146	4
2002	3,382,944	24,940	40,760	15,820	114	123	68	159	5
2003	3,366,891	21,449	37,485	16,036	95	100	60	135	2
2004	3,413,266	21,314	37,174	15,860	115	82	44	143	2
2005	3,467,814	21,277	37,492	16,215	102	95	60	141	5
2006	3,525,894	21,924	38,317	16,393	99	117	70	145	4
2007	3,583,082	22,350	39,490	17,140	90	94	52	121	3
2008	3,642,659	22,604	39,826	17,222	86	104	62	123	3
2009	3,733,876	22,469	39,570	17,101	79	102	63	126	0
2010	3,771,721	20,357	37,967	17,610	99	100	53	134	1
2011	3,789,251	21,627	39,654	18,027	106	97	62	154	3
2012	3,818,205	24,182	42,663	18,481	111	98	58	156	1
2013	3,844,751	20,782	39,720	18,938	80	94	52	110	1
2014	3,870,739	22,839	42,232	19,393	86	83	50	123	1
2015	3,902,690	22,323	42,185	19,862	90	84	41	118	3
2016	3,933,559	21,234	41,251	20,017	89	101	57	124	2
2017	3,965,796	18,710	39,615	20,905	99	94	48	134	0
2018	3,994,283	17,757	39,039	21,282	89	88	56	127	4

* Source : Singapore Department of Statistics

Note: (1) Population figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.
(2) Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer as at the reference period.

Table 2
POPULATION GROWTH AND VITAL RATES, 1999 - 2018

Year	Population *	Natural Increase	Live Births	Deaths	Still Births	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
1999	16	8.3	12.8	4.5	2.9	3.3	1.9	4.2	9.2
2000	14	9.2	13.7	4.5	3.0	2.5	1.5	4.3	17.0
2001	16	7.5	11.8	4.3	2.6	2.2	1.1	3.5	9.6
2002	17	7.0	11.4	4.4	2.8	2.9	1.6	3.9	12.3
2003	16 ¹	6.0	10.5	4.5	2.5	2.5	1.6	3.6	5.3
2004	14	5.9	10.3	4.4	3.1	2.0	1.1	3.8	5.4
2005	16	5.8	10.2	4.4	2.7	2.1	1.3	3.8	13.3
2006	17	5.9	10.3	4.4	2.6	2.6	1.7	3.8	10.4
2007	16	5.9	10.3	4.5	2.3	2.1	1.2	3.1	7.6
2008	17	5.8	10.2	4.4	2.2	2.1	1.3	3.1	7.5
2009	25	5.6	9.9	4.3	2.0	2.2	1.3	3.2	0.0
2010	10	4.9	9.3	4.4	2.6	2.0	1.1	3.5	2.6
2011	5	5.1	9.5	4.5	2.7	2.0	1.3	3.9	7.6
2012	8	5.6	10.1	4.5	2.6	1.8	1.1	3.6	2.3
2013	7	4.6	9.3	4.6	2.0	2.0	1.1	2.8	2.5
2014	7	5.1	9.8	4.7	2.0	1.8	1.1	2.9	2.4
2015	8	4.9	9.7	4.8	2.1	1.7	0.8	2.8	7.1
2016	8	4.6	9.4	4.8	2.2	2.4	1.4	3.0	4.8
2017	8	4.0	8.9	5.0	2.5	2.2	1.2	3.4	0.0
2018	7	3.7	8.8	5.0	2.3	2.1	1.3	3.2	10.2

* Source : Singapore Department of Statistics

¹ Annual growth rate between 2002 and 2003 is computed based on unrevised population estimates for 2003.

Note: (1) The annual population growth rate refers to the annual population increase per thousand population.
The annual population growth rate, natural increase, live births and deaths are based on Singapore residents only.
Resident population comprises Singapore citizens and permanent residents.
(2) The crude neonatal mortality rate is based on resident live births only.
(3) The crude maternal mortality rate refers to the number of maternal deaths per hundred thousand live births.

Table 3
POPULATION BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	3,229,681	2,482,640	449,482	253,304	44,256
2000 (Census)	3,273,363	2,513,847	455,207	257,866	46,443
2001	3,325,902	2,552,077	461,788	262,968	49,069
2002	3,382,944	2,589,525	468,360	271,923	53,136
2003	3,366,891	2,572,607	469,791	269,899	54,594
2004	3,413,266	2,599,813	475,689	278,106	59,658
2005	3,467,814	2,626,723	480,722	291,131	69,238
2006	3,525,894	2,656,358	485,978	303,096	80,462
2007	3,583,082	2,686,997	490,552	313,395	92,138
2008	3,642,659	2,721,779	495,110	323,431	102,339
2009	3,733,876	2,770,303	500,051	343,509	120,013
2010 (Census)	3,771,721	2,793,980	503,868	348,119	125,754
2011	3,789,251	2,808,254	506,637	349,036	125,324
2012	3,818,205	2,831,984	509,519	351,025	125,677
2013	3,844,751	2,853,751	512,837	351,667	126,496
2014	3,870,739	2,874,380	516,657	353,021	126,681
2015	3,902,690	2,900,007	520,923	354,952	126,808
2016	3,933,559	2,923,172	525,888	356,876	127,623
2017	3,965,796	2,948,252	530,710	358,821	128,013
2018	3,994,283	2,969,281	535,824	360,528	128,650

Source : Singapore Department of Statistics

Note: (1) Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.
(2) Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer at the reference period.

Table 4
MALE POPULATION BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	1,614,804	1,235,326	226,306	132,410	20,763
2000 (Census)	1,634,667	1,249,662	228,850	134,337	21,818
2001	1,658,558	1,267,019	231,970	136,485	23,084
2002	1,684,295	1,283,362	235,076	140,768	25,089
2003	1,673,401	1,273,256	235,597	138,642	25,906
2004	1,695,031	1,285,557	238,236	142,754	28,484
2005	1,721,139	1,297,849	240,406	149,621	33,263
2006	1,748,242	1,310,873	242,759	155,938	38,672
2007	1,775,477	1,324,715	244,969	161,484	44,309
2008	1,802,992	1,339,596	247,017	167,149	49,230
2009	1,844,732	1,360,224	249,115	178,129	57,264
2010 (Census)	1,861,133	1,370,083	250,885	180,327	59,838
2011	1,868,170	1,375,665	252,227	180,548	59,730
2012	1,880,046	1,385,606	253,578	180,948	59,914
2013	1,891,504	1,395,183	255,176	180,889	60,256
2014	1,902,410	1,403,927	257,036	181,359	60,088
2015	1,916,628	1,415,303	259,108	182,304	59,913
2016	1,929,526	1,425,244	261,564	182,935	59,783
2017	1,943,545	1,436,284	263,912	183,818	59,531
2018	1,955,838	1,445,375	266,486	184,496	59,481

Source : Singapore Department of Statistics

Note: (1) Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.
(2) Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer at the reference period.

Table 5
FEMALE POPULATION BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	1,614,877	1,247,314	223,176	120,894	23,494
2000 (Census)	1,638,696	1,264,185	226,357	123,529	24,625
2001	1,667,344	1,285,058	229,818	126,483	25,985
2002	1,698,649	1,306,163	233,284	131,155	28,047
2003	1,693,490	1,299,351	234,194	131,257	28,688
2004	1,718,235	1,314,256	237,453	135,352	31,174
2005	1,746,675	1,328,874	240,316	141,510	35,975
2006	1,777,652	1,345,485	243,219	147,158	41,790
2007	1,807,605	1,362,282	245,583	151,911	47,829
2008	1,839,667	1,382,183	248,093	156,282	53,109
2009	1,889,144	1,410,079	250,936	165,380	62,749
2010 (Census)	1,910,588	1,423,897	252,983	167,792	65,916
2011	1,921,081	1,432,589	254,410	168,488	65,594
2012	1,938,159	1,446,378	255,941	170,077	65,763
2013	1,953,247	1,458,568	257,661	170,778	66,240
2014	1,968,329	1,470,453	259,621	171,662	66,593
2015	1,986,062	1,484,704	261,815	172,648	66,895
2016	2,004,033	1,497,928	264,324	173,941	67,840
2017	2,022,251	1,511,968	266,798	175,003	68,482
2018	2,038,445	1,523,906	269,338	176,032	69,169

Source : Singapore Department of Statistics

Note: (1) Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.
(2) Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer at the reference period.

Table 6
SEX RATIO OF POPULATION BY ETHNIC GROUP, 1999 - 2018
(Males Per Thousand Females)

Year	Total	Chinese	Malays	Indians	Others
1999	1,000	990	1,014	1,095	884
2000 (Census)	998	989	1,011	1,087	886
2001	995	986	1,009	1,079	888
2002	992	983	1,008	1,073	895
2003	988	980	1,006	1,056	903
2004	986	978	1,003	1,055	914
2005	985	977	1,000	1,057	925
2006	983	974	998	1,060	925
2007	982	972	997	1,063	926
2008	980	969	996	1,070	927
2009	976	965	993	1,077	913
2010 (Census)	974	962	992	1,075	908
2011	972	960	991	1,072	911
2012	970	958	991	1,064	911
2013	968	957	990	1,059	910
2014	967	955	990	1,056	902
2015	965	953	990	1,056	896
2016	963	951	990	1,052	881
2017	961	950	989	1,050	869
2018	959	948	989	1,048	860

Source : Singapore Department of Statistics

Note: (1) Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.
(2) Data from 2003 onwards exclude residents who have been away from Singapore for a continuous period of 12 months or longer at the reference period.

Table 7
NATURAL INCREASE BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	27,820	17,205	5,838	2,451	2,326
2000	31,304	20,066	6,082	2,633	2,523
2001	26,084	15,311	5,687	2,537	2,549
2002	24,940	14,678	5,027	2,704	2,531
2003	21,449	12,069	4,404	2,474	2,502
2004	21,314	11,923	4,320	2,390	2,681
2005	21,277	12,018	4,123	2,516	2,620
2006	21,924	12,231	4,151	2,588	2,954
2007	22,350	12,510	3,731	2,678	3,431
2008	22,604	12,242	3,862	2,703	3,797
2009	22,469	11,982	3,564	2,837	4,086
2010	20,357	9,954	3,176	3,003	4,224
2011	21,627	11,134	3,118	2,972	4,403
2012	24,182	12,648	3,376	3,287	4,871
2013	20,782	9,456	3,438	3,222	4,666
2014	22,839	11,292	3,713	3,168	4,666
2015	22,323	10,456	4,092	3,350	4,425
2016	21,234	9,727	4,305	2,842	4,360
2017	18,710	7,613	4,361	2,699	4,037
2018	17,757	6,609	4,543	2,627	3,978

Table 8
CRUDE RATES OF NATURAL INCREASE BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	8.3	7.0	13.1	9.9	23.6
2000	9.2	8.0	13.5	10.2	24.3
2001	7.5	6.1	12.4	9.5	22.9
2002	7.0	5.7	10.9	9.6	21.3
2003	6.0	4.8	9.6	8.9	21.7
2004	5.9	4.6	9.3	8.5	22.2
2005	5.8	4.6	8.8	8.6	19.8
2006	5.9	4.7	8.7	8.4	20.5
2007	5.9	4.7	7.9	8.4	20.9
2008	5.8	4.5	8.1	8.0	21.3
2009	5.6	4.4	7.4	7.9	20.0
2010	4.9	3.6	6.6	8.2	19.1
2011	5.1	4.0	6.3	7.5	18.8
2012	5.6	4.4	6.9	8.0	20.1
2013	4.6	3.3	6.9	7.6	18.0
2014	5.1	3.9	7.4	7.3	17.5
2015	4.9	3.6	8.1	7.3	15.9
2016	4.6	3.3	8.4	6.0	14.9
2017	4.0	2.6	8.5	5.4	13.0
2018	3.7	2.2	8.7	5.3	13.5

Note: The crude rate of natural increase is based on Singapore residents only.

Table 9
LIVE - BIRTHS BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	43,336	28,973	7,994	3,651	2,718
2000	46,997	31,967	8,309	3,850	2,871
2001	41,451	27,063	7,816	3,712	2,860
2002	40,760	26,782	7,268	3,815	2,895
2003	37,485	24,326	6,697	3,632	2,830
2004	37,174	24,060	6,573	3,541	3,000
2005	37,492	24,313	6,511	3,672	2,996
2006	38,317	24,646	6,491	3,843	3,337
2007	39,490	25,390	6,252	3,994	3,854
2008	39,826	25,331	6,305	4,014	4,176
2009	39,570	24,799	6,053	4,196	4,522
2010	37,967	23,303	5,711	4,285	4,668
2011	39,654	24,691	5,719	4,376	4,868
2012	42,663	26,760	5,908	4,672	5,323
2013	39,720	23,890	6,067	4,648	5,115
2014	42,232	25,958	6,468	4,678	5,128
2015	42,185	25,412	6,961	4,895	4,917
2016	41,251	24,749	7,143	4,499	4,860
2017	39,615	23,360	7,315	4,421	4,519
2018	39,039	22,650	7,592	4,349	4,448

Table 10
CRUDE BIRTH RATES BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	12.8	11.5	17.6	13.9	27.7
2000	13.7	12.6	18.1	14.1	27.9
2001	11.8	10.5	16.8	13.3	26.1
2002	11.4	10.2	15.3	13.2	25.2
2003	10.5	9.4	14.1	12.7	24.8
2004	10.3	9.2	13.7	12.1	24.8
2005	10.2	9.1	13.4	12.0	22.5
2006	10.3	9.2	13.2	12.0	23.0
2007	10.3	9.3	12.6	11.9	22.9
2008	10.2	9.2	12.6	11.3	23.1
2009	9.9	8.8	12.0	11.2	21.5
2010	9.3	8.2	11.2	11.3	20.8
2011	9.5	8.6	11.1	10.8	20.4
2012	10.1	9.2	11.5	11.2	21.5
2013	9.3	8.2	11.7	11.0	19.6
2014	9.8	8.8	12.4	10.8	19.3
2015	9.7	8.6	13.3	10.9	17.9
2016	9.4	8.2	13.5	9.9	16.9
2017	8.9	7.7	13.7	9.5	15.1
2018	8.8	7.5	14.1	9.2	15.2

Note: The crude birth rate is based on Singapore residents only.

Table 11
DEATHS BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	15,516	11,768	2,156	1,200	392
2000	15,693	11,901	2,227	1,217	348
2001	15,367	11,752	2,129	1,175	311
2002	15,820	12,104	2,241	1,111	364
2003	16,036	12,257	2,293	1,158	328
2004	15,860	12,137	2,253	1,151	319
2005	16,215	12,295	2,388	1,156	376
2006	16,393	12,415	2,340	1,255	383
2007	17,140	12,880	2,521	1,316	423
2008	17,222	13,089	2,443	1,311	379
2009	17,101	12,817	2,489	1,359	436
2010	17,610	13,349	2,535	1,282	444
2011	18,027	13,557	2,601	1,404	465
2012	18,481	14,112	2,532	1,385	452
2013	18,938	14,434	2,629	1,426	449
2014	19,393	14,666	2,755	1,510	462
2015	19,862	14,956	2,869	1,545	492
2016	20,017	15,022	2,838	1,657	500
2017	20,905	15,747	2,954	1,722	482
2018	21,282	16,041	3,049	1,722	470

Table 12
CRUDE DEATH RATES BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	4.5	4.5	4.5	4.0	4.1
2000	4.5	4.6	4.6	4.0	3.6
2001	4.3	4.4	4.3	3.8	3.2
2002	4.4	4.5	4.5	3.6	3.9
2003	4.5	4.6	4.5	3.8	3.1
2004	4.4	4.5	4.3	3.6	2.6
2005	4.4	4.5	4.6	3.5	2.7
2006	4.4	4.5	4.4	3.6	2.4
2007	4.5	4.6	4.7	3.5	2.0
2008	4.4	4.6	4.6	3.4	1.8
2009	4.3	4.5	4.6	3.3	1.5
2010	4.4	4.6	4.6	3.1	1.7
2011	4.5	4.7	4.8	3.3	1.6
2012	4.5	4.8	4.6	3.2	1.4
2013	4.6	4.9	4.8	3.3	1.6
2014	4.7	4.9	5.0	3.5	1.9
2015	4.8	5.0	5.1	3.6	2.0
2016	4.8	5.0	5.1	3.8	2.0
2017	5.0	5.2	5.2	4.1	2.1
2018	5.0	5.2	5.4	4.0	1.7

Note: The crude death rate is based on Singapore residents only.

Table 13
INFANT DEATHS BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	150	93	30	18	9
2000	137	77	42	9	9
2001	100	50	33	12	5
2002	123	70	31	18	4
2003	100	56	22	15	7
2004	82	34	32	12	4
2005	95	54	21	12	8
2006	117	65	30	14	8
2007	94	55	27	9	3
2008	104	52	29	15	8
2009	102	46	36	14	6
2010	100	52	23	15	10
2011	97	52	29	8	8
2012	98	55	23	7	13
2013	94	38	33	13	10
2014	83	47	23	8	5
2015	84	43	27	11	3
2016	101	45	38	11	7
2017	94	39	35	10	10
2018	88	36	27	15	10

Table 14
INFANT MORTALITY RATES BY ETHNIC GROUP, 1999 - 2018

Year	Total	Chinese	Malays	Indians	Others
1999	3.3	3.1	3.4	5.1	2.4
2000	2.5	2.0	4.7	2.2	2.3
2001	2.2	1.7	4.0	3.1	0.8
2002	2.9	2.5	3.8	4.8	1.5
2003	2.5	2.2	3.2	4.1	1.5
2004	2.0	1.3	4.5	3.3	0.0
2005	2.1	1.8	3.1	2.0	2.6
2006	2.6	2.3	3.9	3.6	0.5
2007	2.1	1.9	4.2	1.1	0.0
2008	2.1	1.6	4.3	2.7	0.8
2009	2.2	1.5	5.3	3.1	0.0
2010	2.0	1.8	3.4	2.3	0.8
2011	2.0	1.7	4.3	1.8	0.0
2012	1.8	1.7	3.3	1.5	0.7
2013	2.0	1.4	5.0	2.1	0.4
2014	1.8	1.7	3.1	1.0	0.8
2015	1.7	1.4	3.6	1.3	0.0
2016	2.4	1.7	4.6	2.3	1.9
2017	2.2	1.6	4.3	2.6	0.5
2018	2.1	1.5	3.6	3.3	1.5

Note: The infant mortality rate is based on resident live births only.

Table 15
LIVE - BIRTHS BY ETHNIC GROUP OF FATHER AND SEX OF CHILD,
JANUARY - DECEMBER, 2018

Month	Total			Chinese		Malays		Indians		Others	
	Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	39,039	20,093	18,945	11,642	11,008	3,895	3,696	2,240	2,109	2,316	2,132
January	3,316	1,683	1,633	979	963	314	303	195	194	195	173
February	2,915	1,513	1,402	850	825	309	252	169	164	185	161
March	3,367	1,747	1,620	1,050	941	332	315	163	176	202	188
April	3,110	1,588	1,522	900	880	335	306	192	172	161	164
May	3,200	1,637	1,563	961	907	307	321	173	163	196	172
June	3,117	1,593	1,524	910	860	321	309	184	157	178	198
July	3,172	1,626	1,546	966	886	304	293	190	190	166	177
August	3,279	1,698	1,581	1,024	924	311	329	166	175	197	153
September	3,390	1,745	1,645	984	942	346	344	189	176	226	183
October	3,513	1,821	1,692	1,036	1,003	359	325	230	180	196	184
November	3,372	1,722	1,650	1,011	979	332	306	185	186	194	179
December	3,288	1,720	1,567	971	898	325	293	204	176	220	200

* Includes 1 unknown sex.

Table 16
LIVE - BIRTHS BY ETHNIC GROUP OF FATHER AND MOTHER , 2018

Ethnic Group of Father	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,039	22,356	8,005	3,829	4,849
Chinese	22,650	20,750	275	59	1,566
Malays	7,592	306	6,610	396	280
Indians	4,349	271	651	3,215	212
Others	4,448	1,029	469	159	2,791

Table 17
LIVE - BIRTHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP OF MOTHER, 2018

Place of Occurrence	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,039	22,356	8,005	3,829	4,849
Public Sector Hospitals	18,375	7,564	6,544	2,523	1,744
Private Sector Hospitals	20,476	14,735	1,370	1,297	3,074
Residence	124	35	55	5	29
Other Locations	64	22	36	4	2

Table 18
LIVE - BIRTHS BY ATTENDANT AT BIRTH AND ETHNIC GROUP OF MOTHER, 2018

Attendant at Birth	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,039	22,356	8,005	3,829	4,849
Doctor in Public Sector Hospitals	15,414	6,823	4,819	2,230	1,542
Doctor in Private Sector Hospitals	20,507	14,745	1,370	1,298	3,094
Ambulance Officer / Paramedic	16	7	8	1	-
Midwife or Nurse in Public Sector Hospitals	2,961	741	1,724	294	202
Midwife or Nurse in Private Sector Hospitals	-	-	-	-	-
Delivery without aid of doctor, midwife or nurse	141	40	84	6	11
Unknown	-	-	-	-	-

Table 19
LIVE - BIRTHS BY AGE, ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2018

Mother's Age (years)	Total			Chinese		Malays		Indians		Others	
	Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	39,039	20,093	18,945	11,448	10,908	4,127	3,877	1,961	1,868	2,557	2,292
Under 15	4	4	-	3	-	1	-	-	-	-	-
15	10	2	8	-	2	2	5	-	1	-	-
16	31	14	17	4	6	8	10	2	-	-	1
17	47	26	21	8	6	15	14	3	1	-	-
18	78	35	43	10	10	21	25	3	6	1	2
19	119	64	55	18	19	35	32	7	3	4	1
20	163	89	74	29	24	43	31	10	16	7	3
21	239	115	124	28	48	60	52	15	16	12	8
22	310	159	151	53	40	68	67	13	28	25	16
23	494	258	236	104	84	94	109	33	24	27	19
24	695	387	308	133	118	156	128	42	28	56	34
25	1,013	501	512	170	181	213	231	61	50	57	50
26	1,430	740	690	285	286	294	285	93	77	68	42
27	1,881	1,015	866	425	374	382	304	99	86	109	102
28	2,475	1,283	1,192	655	587	390	361	123	130	115	114
29	2,971	1,530	1,441	903	832	363	333	140	140	124	136
30	3,348	1,716	1,632	1,034	1,039	331	310	187	162	164	121
31	3,292	1,656	1,636	1,014	986	295	302	156	163	191	185
32	3,328	1,745	1,583	1,074	1,024	255	217	192	159	224	183
33	3,276	1,699	1,577	1,073	950	241	240	174	175	211	212
34	2,904	1,459	1,445	891	889	207	202	133	137	228	217
35	2,735	1,373	1,362	877	842	156	159	129	146	211	215
36	2,279	1,219	1,060	748	695	160	123	110	85	201	157
37	1,807	907	900	555	577	108	102	82	74	162	147
38	1,372	705	666	466	423	67	83	59	55	113	105
39	1,019	515	504	339	342	48	57	40	28	88	77
40	717	370	347	231	222	45	30	22	36	72	59
41	409	212	197	132	127	28	26	9	12	43	32
42	254	120	134	82	78	16	16	10	18	12	22
43	163	81	82	51	49	8	13	8	5	14	15
44	86	53	33	30	20	8	4	1	1	14	8
45	49	24	25	13	16	8	5	1	2	2	2
46	15	4	11	4	4	-	1	-	2	-	4
47	12	3	9	1	7	1	-	1	1	-	1
48	3	1	2	1	1	-	-	-	-	-	1
49	5	4	1	2	-	-	-	1	-	1	1
>=50	6	5	1	2	-	-	-	2	1	1	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

* Includes 1 unknown sex.

Table 20
LIVE - BIRTHS BY AGE GROUP, ETHNIC GROUP
OF MOTHER AND BIRTH ORDER, 2018

Age Group of Mother (years)	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Un- known
Total Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 Unknown	Total										
	39,039	18,211	13,937	4,804	1,413	417	165	53	20	19	-
	4	4	-	-	-	-	-	-	-	-	-
	285	240	38	6	1	-	-	-	-	-	-
	1,901	1,209	479	148	47	11	6	1	-	-	-
	9,770	6,091	2,655	702	212	64	36	8	1	1	-
	16,148	7,272	6,271	1,878	494	148	51	19	10	5	-
	9,212	2,876	3,878	1,711	522	142	49	17	9	8	-
	1,629	486	592	336	133	48	21	8	-	5	-
	84	29	23	22	4	4	2	-	-	-	-
	6	4	1	1	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	Chinese Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 Unknown	Chinese									
22,356		11,160	8,310	2,326	450	85	19	3	1	2	-
3		3	-	-	-	-	-	-	-	-	-
83		75	7	-	1	-	-	-	-	-	-
661		472	150	35	4	-	-	-	-	-	-
4,698		3,328	1,117	196	44	11	2	-	-	-	-
9,974		4,949	4,010	858	126	25	4	1	-	1	-
5,864		1,975	2,608	1,024	213	34	7	1	1	1	-
1,022		337	403	200	62	14	5	1	-	-	-
49		19	15	13	-	1	1	-	-	-	-
2		2	-	-	-	-	-	-	-	-	-
-		-	-	-	-	-	-	-	-	-	-
Malays Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 Unknown		Malays									
	8,005	3,011	2,352	1,466	700	278	122	44	18	14	-
	1	1	-	-	-	-	-	-	-	-	-
	167	132	30	5	-	-	-	-	-	-	-
	808	446	217	91	38	9	6	1	-	-	-
	3,156	1,606	965	370	128	46	31	8	1	1	-
	2,600	645	854	647	278	105	42	16	9	4	-
	1,064	150	250	305	209	91	31	14	8	6	-
	194	30	32	43	45	24	12	5	-	3	-
	15	1	4	5	2	3	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	Indians Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 Unknown	Indians									
3,829		1,759	1,476	415	127	29	17	4	1	1	-
-		-	-	-	-	-	-	-	-	-	-
26		24	1	1	-	-	-	-	-	-	-
225		155	55	11	4	-	-	-	-	-	-
999		599	280	84	28	5	3	-	-	-	-
1,638		710	688	179	44	10	5	1	1	-	-
808		233	396	120	42	9	5	2	-	1	-
122		33	53	19	8	5	3	1	-	-	-
8		4	2	-	1	-	1	-	-	-	-
3		1	1	1	-	-	-	-	-	-	-
-		-	-	-	-	-	-	-	-	-	-
Others Under 15 15 - 19 20 - 24 25 - 29 30 - 34 35 - 39 40 - 44 45 - 49 50 - 54 Unknown		Others									
	4,849	2,281	1,799	597	136	25	7	2	-	2	-
	-	-	-	-	-	-	-	-	-	-	-
	9	9	-	-	-	-	-	-	-	-	-
	207	136	57	11	1	2	-	-	-	-	-
	917	558	293	52	12	2	-	-	-	-	-
	1,936	968	719	194	46	8	-	1	-	-	-
	1,476	518	624	262	58	8	6	-	-	-	-
	291	86	104	74	18	5	1	1	-	2	-
	12	5	2	4	1	-	-	-	-	-	-
	1	1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-

Table 21
LIVE - BIRTHS BY OCCUPATION OF MOTHER AND BIRTH ORDER, 2018

Occupation of Mother	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Unknown
Total	39,039	18,211	13,937	4,804	1,413	417	165	53	20	19	-
Working	28,565	14,154	10,238	3,168	753	174	47	18	5	8	-
Legislators, Senior Officials & Managers	2,278	1,055	908	264	43	8	-	-	-	-	-
Professionals	9,079	4,788	3,284	852	138	14	3	-	-	-	-
Technicians & Associate Professionals	11,772	6,019	4,250	1,190	262	35	14	2	-	-	-
Clerical Workers	1,575	597	549	297	84	40	4	2	-	2	-
Service Workers, Shop & Market Sales Workers	3,224	1,395	1,055	472	193	68	23	10	5	3	-
Agricultural & Fishery Workers	10	5	4	1	-	-	-	-	-	-	-
Production Craftsmen & Related Workers	67	34	14	13	6	-	-	-	-	-	-
Plant & Machine Operators & Assemblers	23	7	7	7	1	1	-	-	-	-	-
Cleaners, Labourers & Related Workers	35	6	16	6	2	2	1	-	-	2	-
Workers Not Classifiable by Occupation	502	248	151	66	24	6	2	4	-	1	-
Not Working	10,474	4,057	3,699	1,636	660	243	118	35	15	11	-

Table 22
LIVE - BIRTHS BY NATIONALITY OF FATHER AND MOTHER, 2018

Nationality of Father	Total	Nationality of Mother										
		Singaporean	Other Nationalities (PR and Foreigners)									Others
			Malaysian	Indonesian	Other ASEAN Countries	Indian, Pakistani, Bangladeshi & Sri Lankan	PRC National	Japanese	Australian	British	American	
Total	39,039	26,103	2,642	1,092	2,405	1,657	2,492	378	253	373	216	1,428
Singaporean	29,013	22,703	1,943	611	1,551	190	1,639	60	29	22	32	233
Other Nationalities (PR and Foreigners)												
Malaysian	2,030	1,279	583	26	48	2	67	5	6	3	1	10
Indonesian	533	138	5	374	3	-	6	-	-	-	2	5
Other ASEAN Countries	699	94	3	5	586	-	4	1	-	1	2	3
Indian, Pakistani, Bangladeshi & Sri Lankan	1,803	283	4	6	26	1,440	13	2	-	3	3	23
PRC National	1,135	470	11	5	4	2	635	1	-	-	2	5
Japanese	308	27	2	2	7	-	10	255	-	-	3	2
Australian	377	105	15	9	12	6	10	5	158	13	9	35
British	592	115	11	9	31	5	13	11	23	281	15	78
American	291	70	8	7	21	4	12	12	7	4	109	37
Others	2,258	819	57	38	116	8	83	26	30	46	38	997

Table 23
LIVE - BIRTHS BY EDUCATIONAL QUALIFICATION,
ETHNIC GROUP OF MOTHER AND BIRTH ORDER, 2018

Educational Qualification of Mother	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Un-known
Total No Qualification Primary Secondary Post Secondary University Unknown	Total										
	39,039	18,211	13,937	4,804	1,413	417	165	53	20	19	-
	617	202	215	98	55	20	18	6	2	1	-
	1,777	596	535	329	164	75	51	12	7	8	-
	5,086	1,826	1,595	934	449	188	54	23	10	7	-
	9,399	4,346	3,287	1,269	371	82	32	11	-	1	-
	22,159	11,241	8,305	2,173	374	52	10	1	1	2	-
	1	-	-	1	-	-	-	-	-	-	-
Total No Qualification Primary Secondary Post Secondary University Unknown	Chinese										
	22,356	11,160	8,310	2,326	450	85	19	3	1	2	-
	107	46	37	13	9	2	-	-	-	-	-
	591	231	204	103	38	8	4	1	-	2	-
	1,787	757	639	261	89	34	6	1	-	-	-
	4,884	2,367	1,834	560	103	15	5	-	-	-	-
	14,987	7,759	5,596	1,389	211	26	4	1	1	-	-
	-	-	-	-	-	-	-	-	-	-	-
Total No Qualification Primary Secondary Post Secondary University Unknown	Malays										
	8,005	3,011	2,352	1,466	700	278	122	44	18	14	-
	208	45	51	41	31	15	17	5	2	1	-
	692	171	164	137	98	55	44	10	7	6	-
	2,650	816	745	563	310	140	40	21	9	6	-
	2,935	1,269	909	482	195	52	19	8	-	1	-
	1,520	710	483	243	66	16	2	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
Total No Qualification Primary Secondary Post Secondary University Unknown	Indians										
	3,829	1,759	1,476	415	127	29	17	4	1	1	-
	35	12	8	6	7	1	-	1	-	-	-
	139	42	39	32	16	7	3	-	-	-	-
	492	192	158	85	38	10	6	1	1	1	-
	805	365	269	116	37	9	7	2	-	-	-
	2,358	1,148	1,002	176	29	2	1	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
Total No Qualification Primary Secondary Post Secondary University Unknown	Others										
	4,849	2,281	1,799	597	136	25	7	2	-	2	-
	267	99	119	38	8	2	1	-	-	-	-
	355	152	128	57	12	5	-	1	-	-	-
	157	61	53	25	12	4	2	-	-	-	-
	775	345	275	111	36	6	1	1	-	-	-
	3,294	1,624	1,224	365	68	8	3	-	-	2	-
	1	-	-	1	-	-	-	-	-	-	-

Table 24
LIVE - BIRTHS BY AGE GROUP, ETHNIC GROUP
AND EDUCATIONAL QUALIFICATION OF MOTHER, 2018

Age Group of Mother Mother (years)	Total	Educational Qualification of Mother					
		No Qualification	Primary	Secondary	Post Secondary	University	Unknown
	Total						
Total	39,039	617	1,777	5,086	9,399	22,159	1
Under 15	4	1	3	-	-	-	-
15 - 19	285	7	129	149	-	-	-
20 - 24	1,901	77	247	755	689	133	-
25 - 29	9,770	179	531	1,629	3,110	4,321	-
30 - 34	16,148	182	522	1,523	3,364	10,556	1
35 - 39	9,212	140	276	826	1,883	6,087	-
40 - 44	1,629	26	62	190	334	1,017	-
45 - 49	84	5	7	11	19	42	-
50 - 54	6	-	-	3	-	3	-
Unknown	-	-	-	-	-	-	-
	Chinese						
Total	22,356	107	591	1,787	4,884	14,987	-
Under 15	3	-	3	-	-	-	-
15 - 19	83	1	25	57	-	-	-
20 - 24	661	7	61	240	283	70	-
25 - 29	4,698	30	148	473	1,242	2,805	-
30 - 34	9,974	37	205	529	1,897	7,306	-
35 - 39	5,864	25	117	386	1,228	4,108	-
40 - 44	1,022	6	27	95	223	671	-
45 - 49	49	1	5	7	11	25	-
50 - 54	2	-	-	-	-	2	-
Unknown	-	-	-	-	-	-	-
	Malays						
Total	8,005	208	692	2,650	2,935	1,520	-
Under 15	1	1	-	-	-	-	-
15 - 19	167	4	87	76	-	-	-
20 - 24	808	27	114	422	226	19	-
25 - 29	3,156	52	206	947	1,355	596	-
30 - 34	2,600	52	169	789	945	645	-
35 - 39	1,064	60	91	340	346	227	-
40 - 44	194	8	24	72	60	30	-
45 - 49	15	4	1	4	3	3	-
50 - 54	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
	Indians						
Total	3,829	35	139	492	805	2,358	-
Under 15	-	-	-	-	-	-	-
15 - 19	26	-	11	15	-	-	-
20 - 24	225	8	27	76	87	27	-
25 - 29	999	9	48	158	280	504	-
30 - 34	1,638	7	31	150	287	1,163	-
35 - 39	808	7	19	74	127	581	-
40 - 44	122	4	2	16	21	79	-
45 - 49	8	-	1	-	3	4	-
50 - 54	3	-	-	3	-	-	-
Unknown	-	-	-	-	-	-	-
	Others						
Total	4,849	267	355	157	775	3,294	1
Under 15	-	-	-	-	-	-	-
15 - 19	9	2	6	1	-	-	-
20 - 24	207	35	45	17	93	17	-
25 - 29	917	88	129	51	233	416	-
30 - 34	1,936	86	117	55	235	1,442	1
35 - 39	1,476	48	49	26	182	1,171	-
40 - 44	291	8	9	7	30	237	-
45 - 49	12	-	-	-	2	10	-
50 - 54	1	-	-	-	-	1	-
Unknown	-	-	-	-	-	-	-

Table 25
MOTHERS BY AGE GROUP AND TYPE OF BIRTH, 2018

Age Group of Mother (years)	Total Number of Mothers	Type of Birth				
		Single-births	Twins		Triplets	Quadruplets
			2 Live-births	1 Live-birth & 1 Still-birth		
Total	38,506	37,979	513	4	10	-
Under 15	4	4	-	-	-	-
15 - 19	285	285	-	-	-	-
20 - 24	1,894	1,887	7	-	-	-
25 - 29	9,690	9,610	76	2	2	-
30 - 34	15,929	15,714	207	2	6	-
35 - 39	9,037	8,864	171	-	2	-
40 - 44	1,586	1,543	43	-	-	-
45 - 49	76	68	8	-	-	-
50 - 54	5	4	1	-	-	-
Unknown	-	-	-	-	-	-

Table 26
LIVE - BIRTHS BY BIRTH WEIGHT, AGE GROUP OF MOTHER
AND SEX OF CHILD, 2018

Birth Weight (grammes)	Total	Age Group of Mother (years)									
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	Un-known
	Total *										
Total	39,039	4	285	1,901	9,770	16,148	9,212	1,629	84	6	-
Under 1,000	134	-	3	5	21	46	52	7	-	-	-
1,000 - 1,499	229	-	2	9	54	83	66	12	3	-	-
1,500 - 1,999	552	1	6	32	134	212	126	37	2	2	-
2,000 - 2,499	2,661	-	33	175	613	1,016	657	149	17	1	-
2,500 - 2,999	12,756	-	119	703	3,249	5,215	2,924	521	23	2	-
3,000 - 3,499	16,925	3	100	771	4,353	7,105	3,929	635	29	-	-
3,500 - 3,999	5,159	-	22	190	1,205	2,234	1,262	237	8	1	-
4,000 - 4,499	577	-	-	16	131	218	182	28	2	-	-
4,500 - 4,999	39	-	-	-	8	17	12	2	-	-	-
5,000 & over	7	-	-	-	2	2	2	1	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Males										
Total	20,093	4	141	1,008	5,069	8,275	4,719	836	36	5	-
Under 1,000	68	-	2	2	13	18	30	3	-	-	-
1,000 - 1,499	104	-	1	5	25	44	23	4	2	-	-
1,500 - 1,999	273	1	2	16	67	111	59	15	1	1	-
2,000 - 2,499	1,197	-	14	90	298	450	275	63	6	1	-
2,500 - 2,999	5,890	-	51	343	1,532	2,404	1,316	234	8	2	-
3,000 - 3,499	9,077	3	56	431	2,312	3,790	2,113	357	15	-	-
3,500 - 3,999	3,076	-	15	111	730	1,299	778	140	2	1	-
4,000 - 4,499	374	-	-	10	84	146	115	17	2	-	-
4,500 - 4,999	29	-	-	-	7	11	9	2	-	-	-
5,000 & over	5	-	-	-	1	2	1	1	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Females										
Total	18,945	-	144	893	4,701	7,873	4,492	793	48	1	-
Under 1,000	66	-	1	3	8	28	22	4	-	-	-
1,000 - 1,499	125	-	1	4	29	39	43	8	1	-	-
1,500 - 1,999	279	-	4	16	67	101	67	22	1	1	-
2,000 - 2,499	1,463	-	19	85	315	566	381	86	11	-	-
2,500 - 2,999	6,866	-	68	360	1,717	2,811	1,608	287	15	-	-
3,000 - 3,499	7,848	-	44	340	2,041	3,315	1,816	278	14	-	-
3,500 - 3,999	2,083	-	7	79	475	935	484	97	6	-	-
4,000 - 4,499	203	-	-	6	47	72	67	11	-	-	-
4,500 - 4,999	10	-	-	-	1	6	3	-	-	-	-
5,000 & over	2	-	-	-	1	-	1	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

* Includes 1 unknown sex.

Table 27
LIVE - BIRTHS (SINGLE BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2018

Period of Gestation (weeks)	Total	Birth Weight (grammes)									
		Under 1,000	1,000 - 1,499	1,500 - 1,999	2,000 - 2,499	2,500 - 2,999	3,000 - 3,499	3,500 - 3,999	4,000 - 4,499	4,500 & over	Un-known
	Total *										
Total	37,979	114	167	389	2,205	12,448	16,875	5,158	577	46	-
Under 28	106	91	14	1	-	-	-	-	-	-	-
28	36	11	25	-	-	-	-	-	-	-	-
29	35	5	27	3	-	-	-	-	-	-	-
30	51	3	28	18	1	1	-	-	-	-	-
31	72	1	24	40	6	1	-	-	-	-	-
32	96	2	23	48	21	1	1	-	-	-	-
33	159	1	13	67	65	12	1	-	-	-	-
34	250	-	5	55	148	40	2	-	-	-	-
35	499	-	4	60	235	176	24	-	-	-	-
36	1,342	-	3	34	369	691	209	31	4	1	-
37	5,492	-	1	52	678	2,702	1,709	305	42	3	-
38	12,290	-	-	9	468	4,683	5,601	1,394	118	17	-
39	11,410	-	-	2	170	3,088	6,011	1,931	201	7	-
40	5,632	-	-	-	43	986	3,102	1,324	169	8	-
41	467	-	-	-	1	61	201	158	37	9	-
42 & over	41	-	-	-	-	5	14	15	6	1	-
Unknown	1	-	-	-	-	1	-	-	-	-	-
	Males										
Total	19,537	56	72	195	967	5,719	9,045	3,075	374	34	-
Under 28	53	46	7	-	-	-	-	-	-	-	-
28	13	2	11	-	-	-	-	-	-	-	-
29	17	4	10	3	-	-	-	-	-	-	-
30	25	2	11	11	1	-	-	-	-	-	-
31	43	-	16	23	3	1	-	-	-	-	-
32	57	2	9	33	11	1	1	-	-	-	-
33	80	-	3	38	32	7	-	-	-	-	-
34	129	-	3	27	75	22	2	-	-	-	-
35	284	-	2	29	128	106	19	-	-	-	-
36	744	-	-	13	182	388	139	19	3	-	-
37	2,920	-	-	15	276	1,373	1,035	192	27	2	-
38	6,471	-	-	3	187	2,150	3,159	884	75	13	-
39	5,729	-	-	-	61	1,267	3,114	1,149	133	5	-
40	2,733	-	-	-	11	379	1,480	750	109	4	-
41	215	-	-	-	-	22	89	71	24	9	-
42 & over	23	-	-	-	-	2	7	10	3	1	-
Unknown	1	-	-	-	-	1	-	-	-	-	-
	Females										
Total	18,441	58	95	194	1,237	6,729	7,830	2,083	203	12	-
Under 28	53	45	7	1	-	-	-	-	-	-	-
28	23	9	14	-	-	-	-	-	-	-	-
29	18	1	17	-	-	-	-	-	-	-	-
30	26	1	17	7	-	1	-	-	-	-	-
31	29	1	8	17	3	-	-	-	-	-	-
32	39	-	14	15	10	-	-	-	-	-	-
33	78	1	10	29	32	5	1	-	-	-	-
34	121	-	2	28	73	18	-	-	-	-	-
35	215	-	2	31	107	70	5	-	-	-	-
36	598	-	3	21	187	303	70	12	1	1	-
37	2,572	-	1	37	402	1,329	674	113	15	1	-
38	5,819	-	-	6	281	2,533	2,442	510	43	4	-
39	5,681	-	-	2	109	1,821	2,897	782	68	2	-
40	2,899	-	-	-	32	607	1,622	574	60	4	-
41	252	-	-	-	1	39	112	87	13	-	-
42 & over	18	-	-	-	-	3	7	5	3	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

* Includes 1 unknown sex.

Table 28
LIVE - BIRTHS (TWIN BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2018

Period of Gestation (weeks)	Total	Birth Weight (grammes)									
		Under 1,000	1,000 - 1,499	1,500 - 1,999	2,000 - 2,499	2,500 - 2,999	3,000 - 3,499	3,500 - 3,999	4,000 - 4,499	4,500 & over	Un-known
Total Under 28 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 & over Unknown	Total										
	1,030	18	54	150	450	307	50	1	-	-	-
	16	13	3	-	-	-	-	-	-	-	-
	4	-	4	-	-	-	-	-	-	-	-
	8	2	6	-	-	-	-	-	-	-	-
	22	2	14	6	-	-	-	-	-	-	-
	19	-	11	8	-	-	-	-	-	-	-
	23	1	6	16	-	-	-	-	-	-	-
	39	-	6	23	10	-	-	-	-	-	-
	86	-	2	34	47	2	1	-	-	-	-
	128	-	2	25	80	19	2	-	-	-	-
	260	-	-	16	158	78	8	-	-	-	-
	314	-	-	19	116	155	24	-	-	-	-
	103	-	-	1	35	52	14	1	-	-	-
	8	-	-	2	4	1	1	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	Males										
Total Under 28 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 & over Unknown	534	10	26	69	225	171	32	1	-	-	-
	8	7	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	4	-	4	-	-	-	-	-	-	-	-
	12	2	5	5	-	-	-	-	-	-	-
	12	-	8	4	-	-	-	-	-	-	-
	13	1	2	10	-	-	-	-	-	-	-
	23	-	4	13	6	-	-	-	-	-	-
	53	-	1	19	31	1	1	-	-	-	-
	57	-	1	4	41	10	1	-	-	-	-
	132	-	-	5	74	48	5	-	-	-	-
	164	-	-	8	56	84	16	-	-	-	-
	52	-	-	1	14	28	8	1	-	-	-
	4	-	-	-	3	-	1	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	Females										
Total Under 28 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 & over Unknown	496	8	28	81	225	136	18	-	-	-	-
	8	6	2	-	-	-	-	-	-	-	-
	4	-	4	-	-	-	-	-	-	-	-
	4	2	2	-	-	-	-	-	-	-	-
	10	-	9	1	-	-	-	-	-	-	-
	7	-	3	4	-	-	-	-	-	-	-
	10	-	4	6	-	-	-	-	-	-	-
	16	-	2	10	4	-	-	-	-	-	-
	33	-	1	15	16	1	-	-	-	-	-
	71	-	1	21	39	9	1	-	-	-	-
	128	-	-	11	84	30	3	-	-	-	-
	150	-	-	11	60	71	8	-	-	-	-
	51	-	-	-	21	24	6	-	-	-	-
	4	-	-	2	1	1	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-

Table 29
STILL - BIRTHS BY ETHNIC GROUP OF MOTHER AND SEX OF CHILD,
JANUARY - DECEMBER, 2018

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	89	31	58	14	30	7	15	6	7	4	6
January	6	4	2	2	-	-	1	1	1	1	-
February	7	2	5	2	3	-	-	-	1	-	1
March	9	4	5	1	3	2	1	-	1	1	-
April	6	4	2	2	2	1	-	1	-	-	-
May	5	2	3	-	2	1	1	1	-	-	-
June	6	2	4	1	4	-	-	-	-	1	-
July	5	-	5	-	2	-	2	-	-	-	1
August	8	2	6	2	3	-	2	-	1	-	-
September	12	2	10	1	3	-	3	1	2	-	2
October	11	1	10	-	5	1	3	-	1	-	1
November	4	2	2	-	-	1	2	1	-	-	-
December	10	6	4	3	3	1	-	1	-	1	1

Table 30
STILL - BIRTHS BY ATTENDANT AT BIRTH,
ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2018

Attendant at Birth	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	89	31	58	14	30	7	15	6	7	4	6
Doctor in Public Sector Hospitals	47	17	30	2	10	7	12	5	4	3	4
Doctor in Private Sector Hospitals	37	12	25	10	19	-	2	1	3	1	1
Midwife or Nurse in Public Sector Hospitals	5	2	3	2	1	-	1	-	-	-	1
Midwife or Nurse in Private Sector Hospitals	-	-	-	-	-	-	-	-	-	-	-
Ambulance Officer / Paramedic	-	-	-	-	-	-	-	-	-	-	-
Delivery without aid of Doctor, Midwife or Nurse	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

Table 31
STILL - BIRTHS BY PLACE OF OCCURRENCE AND
ETHNIC GROUP OF MOTHER, 2018

Place of Occurrence	Total	Chinese	Malays	Indians	Others
Total	89	44	22	13	10
Public Sector Hospitals	52	15	20	9	8
Private Sector Hospitals	37	29	2	4	2
Residence	-	-	-	-	-
Other Locations	-	-	-	-	-

Table 32
STILL - BIRTHS BY BIRTH WEIGHT,
AGE GROUP OF MOTHER AND SEX OF CHILD, 2018

Birth Weight (grammes)	Total			Age Group of Mother (years)																	
				Under 15		15-19		20-24		25-29		30-34		35-39		40-44		45-49		50-54	
	T	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Total	89	31	58	-	-	1	-	1	3	6	16	9	27	12	8	2	3	-	1	-	-
Under 1,000	9	-	9	-	-	-	-	-	2	-	1	-	4	-	2	-	-	-	-	-	-
1,000-1,499	18	8	10	-	-	1	-	-	-	2	5	1	4	4	1	-	-	-	-	-	-
1,500-1,999	17	5	12	-	-	-	-	-	1	-	2	2	8	3	1	-	-	-	-	-	-
2,000-2,499	11	4	7	-	-	-	-	1	-	2	3	-	2	-	1	1	-	-	1	-	-
2,500-2,999	19	10	9	-	-	-	-	-	-	2	2	4	4	3	2	1	1	-	-	-	-
3,000-3,499	8	2	6	-	-	-	-	-	-	-	1	2	4	-	1	-	-	-	-	-	-
3,500-3,999	4	2	2	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-	-	-
4,000 & over	3	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 33
STILL - BIRTHS BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2018

Period of Gestation (weeks)	Total	Birth Weight (grammes)								
		Under 1,000	1,000-1,499	1,500-1,999	2,000-2,499	2,500-2,999	3,000-3,499	3,500-3,999	4000 & Over	Unknown
	Total									
Total	89	9	18	17	11	19	8	4	3	-
28	6	4	2	-	-	-	-	-	-	-
29	5	1	3	1	-	-	-	-	-	-
30	5	1	3	1	-	-	-	-	-	-
31	8	1	4	3	-	-	-	-	-	-
32	6	2	3	1	-	-	-	-	-	-
33	4	-	2	1	1	-	-	-	-	-
34	5	-	-	4	1	-	-	-	-	-
35	8	-	-	3	2	1	1	1	-	-
36	6	-	1	-	-	5	-	-	-	-
37	13	-	-	2	3	4	2	2	-	-
38	15	-	-	1	2	6	4	1	1	-
39	4	-	-	-	2	1	1	-	-	-
40	1	-	-	-	-	-	-	-	1	-
41	1	-	-	-	-	1	-	-	-	-
42 & over	1	-	-	-	-	1	-	-	-	-
Unknown	1	-	-	-	-	-	-	-	1	-
	Males									
Total	31	-	8	5	4	10	2	2	-	-
28	-	-	-	-	-	-	-	-	-	-
29	4	-	3	1	-	-	-	-	-	-
30	2	-	1	1	-	-	-	-	-	-
31	1	-	1	-	-	-	-	-	-	-
32	2	-	1	1	-	-	-	-	-	-
33	1	-	1	-	-	-	-	-	-	-
34	-	-	-	-	-	-	-	-	-	-
35	3	-	-	2	1	-	-	-	-	-
36	5	-	1	-	-	4	-	-	-	-
37	6	-	-	-	2	2	-	2	-	-
38	3	-	-	-	-	1	2	-	-	-
39	2	-	-	-	1	1	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
41	1	-	-	-	-	1	-	-	-	-
42 & over	1	-	-	-	-	1	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-
	Females									
Total	58	9	10	12	7	9	6	2	3	-
28	6	4	2	-	-	-	-	-	-	-
29	1	1	-	-	-	-	-	-	-	-
30	3	1	2	-	-	-	-	-	-	-
31	7	1	3	3	-	-	-	-	-	-
32	4	2	2	-	-	-	-	-	-	-
33	3	-	1	1	1	-	-	-	-	-
34	5	-	-	4	1	-	-	-	-	-
35	5	-	-	1	1	1	1	1	-	-
36	1	-	-	-	-	1	-	-	-	-
37	7	-	-	2	1	2	2	-	-	-
38	12	-	-	1	2	5	2	1	1	-
39	2	-	-	-	1	-	1	-	-	-
40	1	-	-	-	-	-	-	-	1	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	1	-	-	-	-	-	-	-	1	-

Table 34
DEATHS BY ETHNIC GROUP AND SEX,
JANUARY - DECEMBER 2018

Month	Total			Chinese		Malays		Indians		Others	
	Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	21,282	11,602	9,679	8,613	7,428	1,670	1,378	1,056	666	263	207
January	1,931	1,030	901	757	706	159	115	85	60	29	20
February	1,662	884	778	640	600	154	117	66	45	24	16
March	1,778	943	835	701	614	127	135	92	65	23	21
April	1,668	888	780	656	615	136	94	76	56	20	15
May	1,829	1,047	782	790	585	137	126	103	55	17	16
June	1,748	964	784	733	594	130	112	80	69	21	9
July	1,791	1,008	783	758	606	137	108	92	48	21	21
August	1,806	978	828	746	630	133	124	82	60	17	14
September	1,655	954	701	685	537	139	99	112	45	18	20
October	1,773	954	819	720	627	135	122	71	53	28	17
November	1,703	874	829	649	633	128	115	77	60	20	21
December	1,938	1,078	859	778	681	155	111	120	50	25	17

* Include 1 unknown sex.

Table 35
DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2018

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	21,282	16,041	3,049	1,722	470
Public Sector Hospitals	12,651	9,401	1,876	1,138	236
Private Sector Hospitals	647	466	61	57	63
Nursing Homes & Clinics	372	333	25	10	4
Public & Charitable Institutions	1,141	937	133	51	20
Licensed Sick Receiving Houses	908	795	56	44	13
Residence	5,094	3,808	851	344	91
Other Locations	469	301	47	78	43

Table 36
INFANT DEATHS BY ETHNIC GROUP AND SEX,
JANUARY - DECEMBER 2018

Month	Total			Chinese		Malays		Indians		Others	
	Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	88	49	38	20	16	14	12	7	8	8	2
January	8	6	2	5	1	-	1	-	-	1	-
February	6	3	3	1	-	1	3	1	-	-	-
March	3	1	2	1	-	-	-	-	1	-	1
April	9	4	5	1	3	1	-	-	2	2	-
May	6	4	2	2	1	1	1	1	-	-	-
June	8	5	3	-	2	3	1	2	-	-	-
July	9	5	4	1	3	2	1	1	-	1	-
August	5	2	3	-	2	1	1	-	-	1	-
September	10	6	4	3	1	2	1	-	2	1	-
October	7	5	2	3	-	-	1	-	1	2	-
November	8	4	4	-	1	3	1	1	1	-	1
December	9	4	4	3	2	-	1	1	1	-	-

* Include 1 unknown sex.

Table 37
INFANT DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2018

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	88	36	27	15	10
Public Sector Hospitals	77	31	26	14	6
Private Sector Hospitals	10	5	-	1	4
Nursing Homes & Clinics	-	-	-	-	-
Residence	1	-	1	-	-
Other Locations	-	-	-	-	-

Table 38
INFANT DEATHS BY AGE, ETHNIC GROUP AND SEX, 2018

Age	Total			Chinese		Malays		Indians		Others	
	Total *	M	F	M	F	M	F	M	F	M	F
Total Infant Deaths	88	49	38	20	16	14	12	7	8	8	2
Under 28 days (<i>Neo-Natal Deaths</i>)	56	30	25	13	10	6	7	5	6	6	2
<i>Under 1 day</i>	17	8	8	4	4	1	3	2	1	1	-
<i>1 day and under 2 days</i>	13	6	7	2	3	1	2	1	1	2	1
<i>2 days and under 3 days</i>	4	1	3	-	1	-	-	1	1	-	1
<i>3 days and under 4 days</i>	3	3	-	1	-	1	-	-	-	1	-
<i>4 days and under 5 days</i>	1	1	-	1	-	-	-	-	-	-	-
<i>5 days and under 6 days</i>	-	-	-	-	-	-	-	-	-	-	-
<i>6 days and under 7 days</i>	-	-	-	-	-	-	-	-	-	-	-
<i>7 days and under 14 days</i>	9	4	5	2	2	-	1	1	2	1	-
<i>14 days and under 21 days</i>	8	6	2	3	-	3	1	-	1	-	-
<i>21 days and under 28 days</i>	1	1	-	-	-	-	-	-	-	1	-
28 days and under 2 months	11	8	3	4	1	2	1	2	1	-	-
2 months and under 3 months	5	3	2	1	-	2	2	-	-	-	-
3 months and under 4 months	2	2	-	2	-	-	-	-	-	-	-
4 months and under 5 months	4	1	3	-	2	1	1	-	-	-	-
5 months and under 6 months	2	1	1	-	1	-	-	-	-	1	-
6 months and under 7 months	3	2	1	-	1	1	-	-	-	1	-
7 months and under 8 months	1	-	1	-	-	-	1	-	-	-	-
8 months and under 9 months	1	-	1	-	-	-	-	-	1	-	-
9 months and under 10 months	1	-	1	-	1	-	-	-	-	-	-
10 months and under 11 months	-	-	-	-	-	-	-	-	-	-	-
11 months and under 1 year	2	2	-	-	-	2	-	-	-	-	-

* Include 1 unknown sex.

Table 39
DEATHS BY AGE GROUP, ETHNIC GROUP & SEX, 2018

Age Group (years)	Total			Chinese		Malays		Indians		Others	
	Total *	M	F	M	F	M	F	M	F	M	F
Total	21,282	11,602	9,679	8,613	7,428	1,670	1,378	1,056	666	263	207
Under 1	88	49	38	20	16	14	12	7	8	8	2
1 & under 2	8	3	5	1	3	1	-	-	1	1	1
2 & under 3	11	4	7	3	3	-	2	1	-	-	2
3 & under 4	9	6	3	4	1	2	1	-	-	-	1
4 & under 5	3	2	1	2	-	-	1	-	-	-	-
5 - 9	27	11	16	4	12	4	1	2	2	1	1
10 - 14	19	11	8	5	5	1	2	1	1	4	-
15 - 19	54	43	11	26	7	9	2	6	1	2	1
20 - 24	95	69	26	39	16	10	4	16	4	4	2
25 - 29	113	83	30	32	19	16	6	28	3	7	2
30 - 34	177	123	54	55	25	22	15	39	6	7	8
35 - 39	201	116	85	60	43	24	23	27	8	5	11
40 - 44	284	188	96	116	64	28	20	34	4	10	8
45 - 49	510	333	177	187	106	66	41	61	16	19	14
50 - 54	778	487	291	287	194	103	59	78	27	19	11
55 - 59	1,264	829	435	519	282	179	99	104	46	27	8
60 - 64	1,803	1,161	642	784	428	250	132	105	65	22	17
65 - 69	2,101	1,363	738	1,015	532	171	129	144	63	33	14
70 - 74	2,335	1,484	851	1,191	615	184	164	84	57	25	15
75 - 79	2,740	1,537	1,203	1,281	909	169	197	73	85	14	12
80 - 84	3,040	1,546	1,494	1,240	1,129	189	212	96	120	21	33
85 & over	5,622	2,154	3,468	1,742	3,019	228	256	150	149	34	44
Unknown	-	-	-	-	-	-	-	-	-	-	-

* Include 1 unknown sex.

Table 40
DEATHS BY AGE GROUP, MARITAL STATUS AND SEX, 2018

Age Group (years)	Total	Single	Married	Widowed	Divorced	Unknown
Total *						
Total	21,282	2,224	10,159	4,246	735	3,918
Under 15	165	165	-	-	-	-
15 - 19	54	53	-	-	-	1
20 - 29	208	173	23	-	-	12
30 - 39	378	136	187	2	23	30
40 - 49	794	175	448	8	53	110
50 - 59	2,042	394	1,082	47	167	352
60 - 69	3,904	482	2,246	217	237	722
70 - 79	5,075	372	2,776	774	147	1,006
80 & over	8,662	274	3,397	3,198	108	1,685
Unknown	-	-	-	-	-	-
Males						
Total	11,602	1,419	6,533	943	500	2,207
Under 15	86	86	-	-	-	-
15 - 19	43	42	-	-	-	1
20 - 29	152	129	16	-	-	7
30 - 39	239	89	120	-	14	16
40 - 49	521	120	285	4	32	80
50 - 59	1,316	263	690	15	117	231
60 - 69	2,524	325	1,484	68	163	484
70 - 79	3,021	229	1,878	193	107	614
80 & over	3,700	136	2,060	663	67	774
Unknown	-	-	-	-	-	-
Females						
Total	9,679	804	3,626	3,303	235	1,711
Under 15	78	78	-	-	-	-
15 - 19	11	11	-	-	-	-
20 - 29	56	44	7	-	-	5
30 - 39	139	47	67	2	9	14
40 - 49	273	55	163	4	21	30
50 - 59	726	131	392	32	50	121
60 - 69	1,380	157	762	149	74	238
70 - 79	2,054	143	898	581	40	392
80 & over	4,962	138	1,337	2,535	41	911
Unknown	-	-	-	-	-	-

* Include 1 unknown sex.

Table 41
DEATHS BY AGE GROUP, OCCUPATION AND SEX, 2018

Age Group (years)	Total	Legislators, Senior Officials & Managers	Professionals	Technicians & Associate Professionals	Clerical Workers	Service Workers, Shop & Market Sales Workers	Agricultural & Fishery Workers	Production Craftsmen & Other Related Workers	Workers Not Classifiable By Occupation	Not Working
Total *										
Total	21,282	111	241	181	61	325	6	550	101	19,706
Under 15	165	-	-	-	-	-	-	-	-	165
15 - 19	54	-	-	1	-	-	-	2	3	48
20 - 29	208	2	15	21	4	13	-	41	11	101
30 - 39	378	12	40	29	11	30	-	76	4	176
40 - 49	794	29	59	32	10	54	2	96	22	490
50 - 59	2,042	39	61	52	19	96	2	151	27	1,595
60 - 69	3,904	23	51	41	13	103	1	132	28	3,512
70 - 79	5,075	6	15	4	4	28	1	51	6	4,960
80 & over	8,662	-	-	1	-	1	-	1	-	8,659
Unknown	-	-	-	-	-	-	-	-	-	-
Males										
Total	11,602	87	160	151	21	258	5	487	89	10,344
Under 15	86	-	-	-	-	-	-	-	-	86
15 - 19	43	-	-	-	-	-	-	1	3	39
20 - 29	152	1	10	17	1	9	-	33	10	71
30 - 39	239	10	24	23	3	24	-	66	2	87
40 - 49	521	21	35	26	2	42	1	82	19	293
50 - 59	1,316	31	39	43	6	72	2	140	23	960
60 - 69	2,524	19	41	37	8	85	1	120	26	2,187
70 - 79	3,021	5	11	4	1	25	1	45	6	2,923
80 & over	3,700	-	-	1	-	1	-	-	-	3,698
Unknown	-	-	-	-	-	-	-	-	-	-
Females										
Total	9,679	24	81	30	40	67	1	63	12	9,361
Under 15	78	-	-	-	-	-	-	-	-	78
15 - 19	11	-	-	1	-	-	-	1	-	9
20 - 29	56	1	5	4	3	4	-	8	1	30
30 - 39	139	2	16	6	8	6	-	10	2	89
40 - 49	273	8	24	6	8	12	1	14	3	197
50 - 59	726	8	22	9	13	24	-	11	4	635
60 - 69	1,380	4	10	4	5	18	-	12	2	1,325
70 - 79	2,054	1	4	-	3	3	-	6	-	2,037
80 & over	4,962	-	-	-	-	-	-	1	-	4,961
Unknown	-	-	-	-	-	-	-	-	-	-

* Include 1 unknown sex.

Table 42
DEATHS BY CAUSE AND TYPE OF CERTIFICATION, 2018

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
	All Causes		21,282	20,304	978
1-001	Certain infectious and parasitic diseases	A00-B99	199	199	-
1-002	Cholera	A00	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	A09	16	16	-
1-004	Other intestinal infectious diseases	A01-A08	13	13	-
1-005	Respiratory tuberculosis	A15-A16	25	25	-
1-006	Other tuberculosis	A17-19	3	3	-
1-007	Plague	A20	-	-	-
1-008	Tetanus	A33-A35	-	-	-
1-009	Diphtheria	A36	-	-	-
1-010	Whooping cough	A37	-	-	-
1-011	Meningococcal infection	A39	-	-	-
1-012	Septicaemia	A40-A41	89	89	-
1-013	Infections with a predominantly sexual mode of transmission	A50-64	-	-	-
1-014	Acute poliomyelitis	A80	1	1	-
1-015	Rabies	A82	-	-	-
1-016	Yellow fever	A95	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	A90-A94,A96-A99	5	5	-
1-018	Measles	B05	-	-	-
1-019	Viral hepatitis	B15-B19	5	5	-
1-020	Human immunodeficiency virus [HIV] disease	B20-B24	18	18	-
1-021	Malaria	B50-B54	-	-	-
1-022	Leishmaniasis	B55	-	-	-
1-023	Trypanosomiasis	B56-B57	-	-	-
1-024	Schistosomiasis	B65	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	A21-A32,A38,A42-A49,A65-A79,A81,A83-A89,B00-B04,B06-B09,B25-B49,B58-B64,B66-B94,B99	24	24	-
1-026	Neoplasms	C00-D48	6,243	6,243	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	206	206	-
1-028	Malignant neoplasm of oesophagus	C15	104	104	-
1-029	Malignant neoplasm of stomach	C16	319	319	-
1-030	Malignant neoplasm of colon, rectum and anus	C18-C21	939	939	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	C22	621	621	-
1-032	Malignant neoplasm of pancreas	C25	430	430	-
1-033	Malignant neoplasm of larynx	C32	31	31	-
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	1,268	1,268	-
1-035	Malignant melanoma of skin	C43	18	18	-
1-036	Malignant neoplasm of breast	C50	493	493	-
1-037	Malignant neoplasm of cervix uteri	C53	65	65	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	C54-C55	98	98	-
1-039	Malignant neoplasm of ovary	C56	128	128	-
1-040	Malignant neoplasm of prostate	C61	224	224	-
1-041	Malignant neoplasm of bladder	C67	88	88	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	C70-C72	110	110	-
1-043	Non-Hodgkin's lymphoma	C82-C85	174	174	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	C90	58	58	-
1-045	Leukaemia	C91-C95	157	157	-
1-046	Remainder of malignant neoplasms	C17,C23-C24,C26-C31,C37-C41,C44-C49,C51-C52,C57-C60,C62-C66,C68-C69,C73-C81,C88,C96-C97	601	601	-
1-047	Remainder of neoplasms	D00-D48	111	111	-

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 42
DEATHS BY CAUSE AND TYPE OF CERTIFICATION, 2018

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	25	25	-
1-049	Anaemias	D50-D64	13	13	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	12	12	-
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	296	296	-
1-052	Diabetes mellitus	E10-E14	281	281	-
1-053	Malnutrition	E40-E46	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	E00-E07,E15-E34,E50-E88	15	15	-
1-055	Mental and behavioural disorders	F01-F99	3	3	-
1-056	Mental and behavioural disorders due to psychoactive substance use	F10-F19	-	-	-
1-057	Remainder of mental and behavioural disorders	F01-F09,F20-F99	3	3	-
1-058	Diseases of the nervous system	G00-G98	211	211	-
1-059	Meningitis	G00,G03	3	3	-
1-060	Alzheimer's disease	G30	24	24	-
1-061	Remainder of diseases of the nervous system	G04-G25,G31-G98	184	184	-
1-062	Diseases of the eye and adnexa	H00-H57	1	1	-
1-063	Diseases of the ear and mastoid process	H60-H93	3	3	-
1-064	Diseases of the circulatory system	I00-I99	6,457	6,457	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	25	25	-
1-066	Hypertensive diseases	I10-I13	632	632	-
1-067	Ischaemic heart diseases	I20-I25	3,862	3,862	-
1-068	Other heart diseases	I26-I51	420	420	-
1-069	Cerebrovascular diseases	I60-I69	1,277	1,277	-
1-070	Atherosclerosis	I70	28	28	-
1-071	Remainder of diseases of the circulatory system	I71-I99	213	213	-
1-072	Diseases of the respiratory system	J00-J98	4,909	4,909	-
1-073	Influenza	J09-J11	7	7	-
1-074	Pneumonia	J12-J18	4,380	4,380	-
1-075	Other acute lower respiratory infections	J20-J22	3	3	-
1-076	Chronic lower respiratory diseases	J40-J47	394	394	-
1-077	Remainder of diseases of the respiratory system	J00-J06,J30-J39,J60-J98	125	125	-
1-078	Diseases of the digestive system	K00-K92	518	518	-
1-079	Gastric and duodenal ulcer	K25-K27	38	38	-
1-080	Diseases of the liver	K70-K76	182	182	-
1-081	Remainder of diseases of the digestive system	K00-K22,K28-K66,K80-K92	298	298	-
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	132	132	-
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	108	108	-
1-084	Diseases of the genitourinary system	N00-N98	1,092	1,092	-
1-085	Glomerular and renal tubulo-interstitial diseases	N00-N15	34	34	-
1-086	Remainder of diseases of the genitourinary system	N17-N98	1,058	1,058	-
1-087	Pregnancy, childbirth and the puerperium	O00-O99	4	4	-
1-088	Pregnancy with abortive outcome	O00-O07	1	1	-
1-089	Other direct obstetric deaths	O10-O92	3	3	-
1-090	Indirect obstetric deaths	O98-O99	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	O95-O97	-	-	-
1-092	Certain conditions originating in the perinatal period	P00-P96	35	35	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	61	61	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	76	7	69
1-095	External causes of morbidity and mortality	V01-Y89	909	-	909
1-096	Transport accidents	V01-V99	140	-	140
1-097	Falls	W00-W19	195	-	195
1-098	Accidental drowning and submersion	W65-W74	27	-	27
1-099	Exposure to smoke, fire and flames	X00-X09	6	-	6
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	30	-	30
1-101	Intentional self-harm	X60-X84	397	-	397
1-102	Assault	X85-Y09	4	-	4
1-103	All other external causes	W20-W64,W75-W99,X10-X39,X50-X59,Y10-Y89	110	-	110

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 43
DEATHS AND DEATH RATES BY CAUSE, 2016 - 2018

Listing	Description of Cause of Death	Deaths			Death Rates		
		2016	2017	2018	2016	2017	2018
		Number			Per 100,000 Residents		
	All Causes	20,017	20,905	21,282	479.36	498.34	503.09
1-001	Certain infectious and parasitic diseases	174	189	199	4.04	4.39	4.71
1-002	Cholera	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	34	36	16	0.81	0.88	0.38
1-004	Other intestinal infectious diseases	3	4	13	0.05	0.10	0.25
1-005	Respiratory tuberculosis	38	22	25	0.92	0.48	0.60
1-006	Other tuberculosis	3	10	3	0.08	0.25	0.08
1-007	Plague	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-
1-009	Diphtheria	-	1	-	-	-	-
1-010	Whooping cough	-	1	-	-	0.03	-
1-011	Meningococcal infection	-	-	-	-	-	-
1-012	Septicaemia	29	44	89	0.71	1.03	2.18
1-013	Infections with a predominantly sexual mode of transmission	-	-	-	-	-	-
1-014	Acute poliomyelitis	-	-	1	-	-	0.03
1-015	Rabies	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	12	2	5	0.28	-	0.13
1-018	Measles	-	-	-	-	-	-
1-019	Viral hepatitis	2	2	5	0.05	0.05	0.13
1-020	Human immunodeficiency virus [HIV] disease	28	31	18	0.61	0.76	0.40
1-021	Malaria	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	25	36	24	0.53	0.81	0.55
1-026	Neoplasms	5,993	6,237	6,243	144.42	149.58	149.76
1-027	Malignant neoplasm of lip, oral cavity and pharynx	219	214	206	5.41	5.14	4.98
1-028	Malignant neoplasm of oesophagus	108	93	104	2.64	2.19	2.43
1-029	Malignant neoplasm of stomach	341	319	319	8.36	7.69	7.51
1-030	Malignant neoplasm of colon, rectum and anus	881	896	939	21.51	21.84	22.98
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	634	623	621	15.43	14.95	15.00
1-032	Malignant neoplasm of pancreas	339	379	430	8.29	9.18	10.44
1-033	Malignant neoplasm of larynx	36	18	31	0.92	0.45	0.73
1-034	Malignant neoplasm of trachea, bronchus and lung	1,253	1,245	1,268	30.18	30.26	30.44
1-035	Malignant melanoma of skin	14	12	18	0.33	0.28	0.43
1-036	Malignant neoplasm of breast	475	480	493	11.36	11.55	11.74
1-037	Malignant neoplasm of cervix uteri	86	73	65	2.01	1.82	1.58
1-038	Malignant neoplasm of other and unspecified parts of uterus	84	114	98	2.06	2.70	2.43
1-039	Malignant neoplasm of ovary	138	140	128	3.25	3.35	3.03
1-040	Malignant neoplasm of prostate	195	186	224	4.75	4.46	5.53
1-041	Malignant neoplasm of bladder	78	80	88	1.83	1.92	2.08
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	76	79	110	1.91	1.77	2.68
1-043	Non-Hodgkin's lymphoma	161	195	174	3.64	4.39	4.06
1-044	Multiple myeloma and malignant plasma cell neoplasms	67	51	58	1.60	1.11	1.43
1-045	Leukaemia	149	194	157	3.25	4.36	3.35
1-046	Remainder of malignant neoplasms	591	686	601	14.03	16.34	14.30
1-047	Remainder of neoplasms	68	160	111	1.65	3.83	2.63

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) Death rates are computed based on the number of resident deaths over resident population.

Table 43
DEATHS AND DEATH RATES BY CAUSE, 2016 - 2018

Listing	Description of Cause of Death	Deaths			Death Rates		
		2016	2017	2018	2016	2017	2018
		Number			Per 100,000 Residents		
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	14	17	25	0.31	0.40	0.53
1-049	Anaemias	7	8	13	0.13	0.18	0.28
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	7	9	12	0.18	0.23	0.25
1-051	Endocrine, nutritional and metabolic diseases	363	340	296	8.95	8.50	7.24
1-052	Diabetes mellitus	343	321	281	8.49	8.02	6.88
1-053	Malnutrition	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	20	19	15	0.46	0.48	0.35
1-055	Mental and behavioural disorders	2	1	3	0.05	0.03	0.08
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	2	1	3	0.05	0.03	0.08
1-058	Diseases of the nervous system	224	183	211	5.47	4.31	4.96
1-059	Meningitis	-	1	3	-	0.03	0.08
1-060	Alzheimer's disease	9	5	24	0.23	0.13	0.55
1-061	Remainder of diseases of the nervous system	215	177	184	5.24	4.16	4.33
1-062	Diseases of the eye and adnexa	-	-	1	-	-	0.03
1-063	Diseases of the ear and mastoid process	2	2	3	0.05	0.05	0.08
1-064	Diseases of the circulatory system	6,107	6,541	6,457	145.70	154.45	150.82
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	22	22	25	0.51	0.50	0.58
1-066	Hypertensive diseases	801	712	632	19.27	16.52	14.82
1-067	Ischaemic heart diseases	3,396	3,860	3,862	81.20	91.48	90.23
1-068	Other heart diseases	357	376	420	7.73	8.60	9.39
1-069	Cerebrovascular diseases	1,317	1,310	1,277	31.85	31.09	30.14
1-070	Atherosclerosis	14	41	28	0.36	1.03	0.70
1-071	Remainder of diseases of the circulatory system	200	220	213	4.78	5.22	4.96
1-072	Diseases of the respiratory system	4,440	4,757	4,909	109.44	116.09	118.77
1-073	Influenza	1	4	7	0.03	0.10	0.13
1-074	Pneumonia	3,855	4,212	4,380	95.21	103.13	106.25
1-075	Other acute lower respiratory infections	3	1	3	0.08	0.03	0.05
1-076	Chronic lower respiratory diseases	460	430	394	11.26	10.26	9.39
1-077	Remainder of diseases of the respiratory system	121	110	125	2.87	2.57	2.95
1-078	Diseases of the digestive system	467	485	518	11.34	11.65	12.19
1-079	Gastric and duodenal ulcer	47	43	38	1.14	1.06	0.95
1-080	Diseases of the liver	191	176	182	4.55	4.21	4.23
1-081	Remainder of diseases of the digestive system	229	266	298	5.64	6.38	7.01
1-082	Diseases of the skin and subcutaneous tissue	150	113	132	3.71	2.80	3.15
1-083	Diseases of the musculoskeletal system and connective tissue	85	87	108	2.01	2.07	2.65
1-084	Diseases of the genitourinary system	913	925	1,092	22.57	22.52	26.44
1-085	Glomerular and renal tubulo-interstitial diseases	20	16	34	0.46	0.40	0.75
1-086	Remainder of diseases of the genitourinary system	893	909	1,058	22.12	22.11	25.69
1-087	Pregnancy, childbirth and the puerperium	2	-	4	0.05	-	0.08
1-088	Pregnancy with abortive outcome	-	-	1	-	-	0.03
1-089	Other direct obstetric deaths	2	-	3	0.05	-	0.05
1-090	Indirect obstetric deaths	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	36	39	35	0.79	0.86	0.73
1-093	Congenital malformations, deformations and chromosomal abnormalities	72	49	61	1.63	1.06	1.30
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	83	100	76	1.68	2.04	1.50
1-095	External causes of morbidity and mortality	890	840	909	17.16	17.55	18.10
1-096	Transport accidents	164	141	140	2.87	2.82	2.35
1-097	Falls	149	142	195	3.28	3.30	4.18
1-098	Accidental drowning and submersion	21	15	27	0.33	0.28	0.38
1-099	Exposure to smoke, fire and flames	3	4	6	0.05	0.08	0.13
1-100	Accidental poisoning by and exposure to noxious substances	22	16	30	0.51	0.40	0.65
1-101	Intentional self-harm	429	361	397	8.54	7.74	8.36
1-102	Assault	21	16	4	0.38	0.35	0.03
1-103	All other external causes	81	145	110	1.19	2.57	2.03

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) Death rates are computed based on the number of resident deaths over resident population.

Table 44
MALE DEATHS BY CAUSE AND AGE GROUP, 2018

Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
	All Causes	11,602	30	19	3	4	6	2	11	54	152	239	521	1,316	1,161	1,363	1,484	1,537	1,546	2,154	-
1-001	Certain infectious and parasitic diseases	118	1	2	-	-	2	-	-	1	-	5	13	20	7	13	18	16	9	11	-
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	8	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	1	-	1	-
1-004	Other intestinal infectious diseases	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-
1-005	Respiratory tuberculosis	21	-	-	-	-	-	-	-	-	-	-	1	4	1	1	5	5	4	-	-
1-006	Other tuberculosis	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	44	1	-	-	-	-	-	-	1	-	1	4	5	4	5	6	5	4	8	-
1-013	Infections with a predominantly sexual mode of transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-014	Acute poliomyelitis	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	18	-	-	-	-	-	-	-	-	-	2	4	8	1	1	1	1	-	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	15	-	2	-	-	2	-	-	-	-	1	-	1	-	2	4	2	-	1	-

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 44
MALE DEATHS BY CAUSE AND AGE GROUP, 2018

Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
1-026	Neoplasms	3,456	-	-	1	-	1	1	3	8	15	33	129	429	454	520	504	518	432	408	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	146	-	-	-	-	-	-	-	-	-	2	22	39	22	22	12	7	13	7	-
1-028	Malignant neoplasm of oesophagus	90	-	-	-	-	-	-	-	-	-	1	3	14	10	14	12	14	11	11	-
1-029	Malignant neoplasm of stomach	181	-	-	-	-	-	-	-	-	1	2	3	29	20	31	23	21	26	25	-
1-030	Malignant neoplasm of colon, rectum and anus	496	-	-	-	-	-	-	-	-	2	2	21	53	66	81	79	81	55	56	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	459	-	-	-	-	-	-	-	-	-	2	18	61	87	73	74	62	38	44	-
1-032	Malignant neoplasm of pancreas	239	-	-	-	-	-	-	-	-	-	2	8	31	38	42	38	35	21	24	-
1-033	Malignant neoplasm of larynx	29	-	-	-	-	-	-	-	-	-	-	-	2	3	2	4	10	3	5	-
1-034	Malignant neoplasm of trachea, bronchus and lung	861	-	-	-	-	-	-	-	1	-	6	20	101	101	122	134	149	125	102	-
1-035	Malignant melanoma of skin	7	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	-	1	-	-
1-036	Malignant neoplasm of breast	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
1-037	Malignant neoplasm of cervix uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-039	Malignant neoplasm of ovary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-040	Malignant neoplasm of prostate	224	-	-	-	-	-	-	-	-	-	-	-	10	12	25	36	43	42	56	-
1-041	Malignant neoplasm of bladder	57	-	-	-	-	-	-	-	-	-	-	-	3	5	9	5	15	9	11	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	61	-	-	-	-	-	-	2	2	4	3	5	12	5	5	9	4	5	5	-
1-043	Non-Hodgkin's lymphoma	100	-	-	-	-	-	-	-	2	-	1	5	13	13	17	19	9	12	9	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	33	-	-	-	-	-	-	-	-	-	-	3	1	4	5	4	8	5	3	-
1-045	Leukaemia	93	-	-	1	-	-	-	-	3	4	5	5	6	10	13	13	13	13	7	-
1-046	Remainder of malignant neoplasms	306	-	-	-	-	1	1	1	-	3	6	14	47	44	46	35	35	40	33	-
1-047	Remainder of neoplasms	73	-	-	-	-	-	-	-	-	1	1	1	6	12	11	6	12	13	10	-
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	7	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	-	2	-
1-049	Anaemias	5	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	-	1	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 44
MALE DEATHS BY CAUSE AND AGE GROUP, 2018

Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
1-051	Endocrine, nutritional and metabolic diseases	134	-	-	-	-	-	-	-	-	2	1	1	15	12	19	23	22	18	21	-
1-052	Diabetes mellitus	126	-	-	-	-	-	-	-	-	2	1	1	14	11	17	22	20	18	20	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	8	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	2	-	1	-
1-055	Mental and behavioural disorders	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
1-058	Diseases of the nervous system	105	-	-	-	1	1	-	2	3	5	6	1	11	9	13	11	15	17	10	-
1-059	Meningitis	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
1-060	Alzheimer's disease	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	3	-
1-061	Remainder of diseases of the nervous system	95	-	-	-	1	1	-	2	3	5	6	1	11	8	13	11	13	13	7	-
1-062	Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-063	Diseases of the ear and mastoid process	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-064	Diseases of the circulatory system	3,711	-	3	-	-	1	-	1	8	14	78	222	554	416	461	490	455	434	574	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	10	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	1	2	2	-
1-066	Hypertensive diseases	347	-	-	-	-	-	-	-	-	-	4	29	59	34	55	63	35	36	32	-
1-067	Ischaemic heart diseases	2,424	-	-	-	-	-	-	1	-	5	46	131	393	290	307	303	298	270	380	-
1-068	Other heart diseases	208	-	3	-	-	1	-	-	6	7	14	19	22	24	24	20	15	18	35	-
1-069	Cerebrovascular diseases.	592	-	-	-	-	-	-	-	1	2	9	42	69	59	62	85	75	80	108	-
1-070	Atherosclerosis	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	3	2	-
1-071	Remainder of diseases of the circulatory system	119	-	-	-	-	-	-	-	1	-	4	1	10	9	10	17	27	25	15	-
1-072	Diseases of the respiratory system	2,540	-	2	1	1	-	-	-	4	4	8	18	103	144	185	308	372	469	921	-
1-073	Influenza	3	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-
1-074	Pneumonia	2,183	-	1	1	1	-	-	-	3	2	4	14	81	113	140	254	317	409	843	-
1-075	Other acute lower respiratory infections	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
1-076	Chronic lower respiratory diseases	283	-	-	-	-	-	-	-	1	2	3	4	16	20	33	44	49	43	68	-
1-077	Remainder of diseases of the respiratory system	70	-	1	-	-	-	-	-	-	-	1	-	5	10	12	9	6	17	9	-

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Table 44
MALE DEATHS BY CAUSE AND AGE GROUP, 2018

Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
1-078	Diseases of the digestive system	265	-	-	-	-	-	-	-	-	2	5	17	41	30	44	29	16	27	54	-
1-079	Gastric and duodenal ulcer	24	-	-	-	-	-	-	-	-	-	-	2	2	4	5	4	-	1	6	-
1-080	Diseases of the liver	103	-	-	-	-	-	-	-	-	1	3	13	29	12	15	9	2	10	9	-
1-081	Remainder of diseases of the digestive system	138	-	-	-	-	-	-	-	-	1	2	2	10	14	24	16	14	16	39	-
1-082	Diseases of the skin and subcutaneous tissue	50	-	-	-	-	-	-	-	-	-	-	1	6	1	6	4	5	16	11	-
1-083	Diseases of the musculoskeletal system and connective tissue	45	-	-	-	-	-	-	-	-	-	1	2	5	4	6	5	9	8	5	-
1-084	Diseases of the genitourinary system	407	-	1	-	-	-	-	1	1	1	2	2	26	36	48	42	64	79	104	-
1-085	Glomerular and renal tubulo-interstitial diseases	14	-	1	-	-	-	-	-	-	-	1	-	1	1	1	2	1	2	4	-
1-086	Remainder of diseases of the genitourinary system	393	-	-	-	-	-	-	1	1	1	1	2	25	35	47	40	63	77	100	-
1-087	Pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-088	Pregnancy with abortive outcome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-089	Other direct obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	19	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	31	6	7	1	2	-	1	1	2	1	2	2	2	-	3	-	-	1	-	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	48	4	3	-	-	-	-	1	2	5	9	8	3	1	3	-	3	1	5	-
1-095	External causes of morbidity and mortality	665	1	-	-	-	1	-	2	24	103	89	105	100	46	41	50	41	35	27	-
1-096	Transport accidents	115	-	-	-	-	-	-	1	-	24	24	25	15	5	5	3	4	4	5	-
1-097	Falls	134	-	-	-	-	-	-	1	1	4	4	12	10	11	11	22	23	20	15	-
1-098	Accidental drowning and submersion	22	-	-	-	-	1	-	-	2	6	5	-	3	3	1	-	1	-	-	-
1-099	Exposure to smoke, fire and flames	2	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	24	-	-	-	-	-	-	-	-	4	5	10	4	-	1	-	-	-	-	-
1-101	Intentional self-harm	263	-	-	-	-	-	-	-	19	54	38	42	48	23	18	19	8	9	5	-
1-102	Assault	2	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
1-103	All other external causes	83	1	-	-	-	-	-	-	2	9	12	16	19	4	5	6	5	2	2	-

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Table 45
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Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
	All Causes	9,679	25	13	5	7	3	1	16	19	56	139	273	726	642	738	851	1,203	1,494	3,468	-
1-001	Certain infectious and parasitic diseases	81	-	1	-	-	1	-	-	-	1	5	1	7	9	5	8	11	12	20	-
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	1	2	-
1-004	Other intestinal infectious diseases	9	-	-	-	-	1	-	-	-	-	2	-	-	-	-	1	1	-	4	-
1-005	Respiratory tuberculosis	4	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	1	-
1-006	Other tuberculosis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	45	-	-	-	-	-	-	-	-	-	2	-	4	5	3	3	8	8	12	-
1-013	Infections with a predominantly sexual mode of transmission	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-014	Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	9	-	1	-	-	-	-	-	-	-	1	1	2	-	1	-	-	2	1	-

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1-026	Neoplasms	2,787	-	-	-	-	-	-	5	3	10	49	142	438	312	351	334	343	333	467	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	60	-	-	-	-	-	-	-	-	1	3	6	11	8	9	7	8	4	3	-
1-028	Malignant neoplasm of oesophagus	14	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	2	3	3	-
1-029	Malignant neoplasm of stomach	138	-	-	-	-	-	-	-	-	-	1	4	21	14	16	13	18	23	28	-
1-030	Malignant neoplasm of colon, rectum and anus	443	-	-	-	-	-	-	-	-	1	4	15	47	55	41	52	52	63	113	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	162	-	-	-	-	-	-	-	-	-	2	1	12	10	20	24	30	26	37	-
1-032	Malignant neoplasm of pancreas	191	-	-	-	-	-	-	-	-	-	2	2	19	30	26	35	27	17	33	-
1-033	Malignant neoplasm of larynx	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
1-034	Malignant neoplasm of trachea, bronchus and lung	407	-	-	-	-	-	-	-	-	-	4	13	57	39	65	36	59	58	76	-
1-035	Malignant melanoma of skin	11	-	-	-	-	-	-	-	-	-	-	1	1	-	4	1	2	-	2	-
1-036	Malignant neoplasm of breast	492	-	-	-	-	-	-	-	-	1	17	47	124	63	74	55	41	37	33	-
1-037	Malignant neoplasm of cervix uteri	65	-	-	-	-	-	-	-	-	-	1	9	22	4	8	4	10	2	5	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	98	-	-	-	-	-	-	-	-	-	1	6	27	11	14	13	8	5	13	-
1-039	Malignant neoplasm of ovary	128	-	-	-	-	-	-	-	-	1	1	12	33	14	9	14	15	14	15	-
1-040	Malignant neoplasm of prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-041	Malignant neoplasm of bladder	31	-	-	-	-	-	-	-	-	-	1	-	1	1	4	4	4	6	10	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	49	-	-	-	-	-	-	3	1	1	-	2	7	7	4	7	2	6	9	-
1-043	Non-Hodgkin's lymphoma	74	-	-	-	-	-	-	-	-	1	4	4	11	10	11	12	10	5	6	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	25	-	-	-	-	-	-	-	-	-	-	1	2	2	6	4	3	3	4	-
1-045	Leukaemia	64	-	-	-	-	-	-	2	2	2	3	6	6	6	7	8	8	8	6	-
1-046	Remainder of malignant neoplasms	295	-	-	-	-	-	-	-	-	2	5	13	32	34	25	34	39	47	64	-
1-047	Remainder of neoplasms	38	-	-	-	-	-	-	-	-	-	-	-	3	4	5	8	5	6	7	-
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	18	-	-	-	-	1	-	1	1	-	1	2	1	1	3	2	1	1	3	-
1-049	Anaemias	8	-	-	-	-	1	-	-	-	-	1	-	1	-	1	1	1	1	1	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	10	-	-	-	-	-	-	1	1	-	-	2	-	1	2	1	-	-	2	-

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1-051	Endocrine, nutritional and metabolic diseases	162	-	-	-	-	-	-	1	-	-	2	2	7	12	15	19	24	31	49	-
1-052	Diabetes mellitus	155	-	-	-	-	-	-	-	-	-	1	2	7	11	15	18	23	29	49	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	7	-	-	-	-	-	-	1	-	-	1	-	-	1	-	1	1	2	-	-
1-055	Mental and behavioural disorders	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
1-058	Diseases of the nervous system	106	-	-	-	-	1	-	3	-	2	2	5	11	6	8	6	13	13	36	-
1-059	Meningitis	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
1-060	Alzheimer's disease	15	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	12	-
1-061	Remainder of diseases of the nervous system	89	-	-	-	-	1	-	3	-	2	2	5	11	5	7	6	13	11	23	-
1-062	Diseases of the eye and adnexa	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
1-063	Diseases of the ear and mastoid process	3	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
1-064	Diseases of the circulatory system	2,746	-	-	2	2	-	-	2	1	4	23	57	128	160	183	237	381	473	1,093	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	15	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	5	5	-	-
1-066	Hypertensive diseases	285	-	-	-	-	-	-	-	-	1	1	8	15	21	33	26	40	44	96	-
1-067	Ischaemic heart diseases	1,438	-	-	-	-	-	-	-	-	-	6	18	64	88	90	129	198	254	591	-
1-068	Other heart diseases	212	-	-	2	1	-	-	2	-	1	8	9	18	14	10	19	28	30	70	-
1-069	Cerebrovascular diseases.	685	-	-	-	1	-	-	-	-	2	8	20	31	34	44	53	85	121	286	-
1-070	Atherosclerosis	17	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	3	9	-
1-071	Remainder of diseases of the circulatory system	94	-	-	-	-	-	-	-	1	-	-	2	-	-	3	5	24	16	41	-
1-072	Diseases of the respiratory system	2,399	-	5	1	-	-	-	-	3	2	10	27	53	69	91	142	251	391	1,324	-
1-073	Influenza	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	-
1-074	Pneumonia	2,197	-	3	1	-	-	-	-	2	1	9	19	43	61	74	125	221	367	1,271	-
1-075	Other acute lower respiratory infections	2	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
1-076	Chronic lower respiratory diseases	111	-	-	-	-	-	-	-	1	1	1	8	6	3	11	11	15	14	40	-
1-077	Remainder of diseases of the respiratory system	55	-	1	-	-	-	-	-	-	-	-	-	4	5	5	5	14	10	11	-

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 45
FEMALE DEATHS BY CAUSE AND AGE GROUP, 2018

Listing	Description of Cause of Death	Total	Under 28 days	28 days & under 1 year	1 year	2 years	3 years	4 years	5-9 years	10-19 years	20-29 years	30-39 years	40-49 years	50-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years & over	Un-known
1-078	Diseases of the digestive system	253	-	-	-	1	-	-	-	-	4	2	5	14	13	12	24	34	50	94	-
1-079	Gastric and duodenal ulcer	14	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	2	8	-
1-080	Diseases of the liver	79	-	-	-	1	-	-	-	-	1	1	2	6	6	4	8	14	18	18	-
1-081	Remainder of diseases of the digestive system	160	-	-	-	-	-	-	-	-	3	1	3	7	7	8	15	18	30	68	-
1-082	Diseases of the skin and subcutaneous tissue	82	-	-	-	-	-	-	-	-	-	-	-	-	3	3	7	7	9	53	-
1-083	Diseases of the musculoskeletal system and connective tissue	63	-	-	-	-	-	-	-	-	-	1	2	4	5	4	7	6	10	24	-
1-084	Diseases of the genitourinary system	685	-	-	-	-	-	-	-	1	2	2	5	20	30	41	47	109	140	288	-
1-085	Glomerular and renal tubulo-interstitial diseases	20	-	-	-	-	-	-	-	-	1	1	1	2	2	2	1	2	3	5	-
1-086	Remainder of diseases of the genitourinary system	665	-	-	-	-	-	-	-	1	1	1	4	18	28	39	46	107	137	283	-
1-087	Pregnancy, childbirth and the puerperium	4	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-	-	-	-
1-088	Pregnancy with abortive outcome	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-089	Other direct obstetric deaths	3	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	16	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	29	11	2	2	1	-	-	1	2	1	1	1	2	1	2	-	1	1	1	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	28	-	2	-	2	-	1	-	1	1	4	2	5	2	-	1	2	4	1	-
1-095	External causes of morbidity and mortality	244	-	-	-	1	-	-	3	7	27	35	21	35	19	20	17	19	25	15	-
1-096	Transport accidents	25	-	-	-	-	-	-	-	3	4	1	1	4	3	2	3	2	2	-	-
1-097	Falls	61	-	-	-	-	-	-	-	-	1	4	-	6	3	5	5	9	14	14	-
1-098	Accidental drowning and submersion	5	-	-	-	1	-	-	2	-	1	-	-	-	-	-	-	-	1	-	-
1-099	Exposure to smoke, fire and flames	4	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-
1-100	Accidental poisoning by and exposure to noxious substances	6	-	-	-	-	-	-	-	-	-	2	3	-	1	-	-	-	-	-	-
1-101	Intentional self-harm	114	-	-	-	-	-	-	-	3	18	22	16	22	5	11	6	6	5	-	-
1-102	Assault	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
1-103	All other external causes	27	-	-	-	-	-	-	1	1	3	6	1	2	5	2	1	2	2	1	-

Note: The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

Table 46
DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2018

Listing	Description of Cause of Death	Total			Ethnic Group									
					Chinese		Malays		Indians		Others			
		Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
	<u>All Causes</u>	21,282	11,602	9,679	8,613	7,428	1,670	1,378	1,056	666	263	207		
1-001	Certain infectious and parasitic diseases	199	118	81	78	49	27	23	7	5	6	4		
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-		
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	16	8	8	3	6	2	2	1	-	2	-		
1-004	Other intestinal infectious diseases	13	4	9	2	4	2	3	-	1	-	1		
1-005	Respiratory tuberculosis	25	21	4	16	2	5	1	-	-	-	1		
1-006	Other tuberculosis	3	2	1	-	1	2	-	-	-	-	-		
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-		
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-		
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-		
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-		
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-		
1-012	Septicaemia	89	44	45	30	27	6	13	5	4	3	1		
1-013	Infections with a predominantly sexual mode of transmission	-	-	-	-	-	-	-	-	-	-	-		
1-014	Acute poliomyelitis	1	1	-	1	-	-	-	-	-	-	-		
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-		
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-		
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	5	2	3	1	2	1	1	-	-	-	-		
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-		
1-019	Viral hepatitis	5	3	2	3	1	-	1	-	-	-	-		
1-020	Human immunodeficiency virus [HIV] disease	18	18	-	10	-	6	-	1	-	1	-		
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-		
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-		
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-		
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-		
1-025	Remainder of certain infectious and parasitic diseases	24	15	9	12	6	3	2	-	-	-	1		

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) * Include 1 unknown sex.

Table 46
DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2018

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1-026	Neoplasms	6,243	3,456	2,787	2,816	2,219	394	352	174	147	72	69
1-027	Malignant neoplasm of lip, oral cavity and pharynx	206	146	60	122	45	9	11	10	3	5	1
1-028	Malignant neoplasm of oesophagus	104	90	14	78	11	7	2	4	1	1	-
1-029	Malignant neoplasm of stomach	319	181	138	153	119	13	7	10	11	5	1
1-030	Malignant neoplasm of colon, rectum and anus	939	496	443	413	363	60	52	16	20	7	8
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	621	459	162	376	134	47	17	26	9	10	2
1-032	Malignant neoplasm of pancreas	430	239	191	205	164	18	19	13	6	3	2
1-033	Malignant neoplasm of larynx	31	29	2	27	2	1	-	-	-	1	-
1-034	Malignant neoplasm of trachea, bronchus and lung	1,268	861	407	686	343	121	42	36	12	18	10
1-035	Malignant melanoma of skin	18	7	11	5	9	1	2	1	-	-	-
1-036	Malignant neoplasm of breast	493	1	492	-	362	-	76	1	32	-	22
1-037	Malignant neoplasm of cervix uteri	65	-	65	-	48	-	13	-	3	-	1
1-038	Malignant neoplasm of other and unspecified parts of uterus	98	-	98	-	71	-	20	-	6	-	1
1-039	Malignant neoplasm of ovary	128	-	128	-	91	-	19	-	12	-	6
1-040	Malignant neoplasm of prostate	224	224	-	182	-	23	-	15	-	4	-
1-041	Malignant neoplasm of bladder	88	57	31	44	28	10	1	2	1	1	1
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	110	61	49	49	39	8	4	1	4	3	2
1-043	Non-Hodgkin's lymphoma	174	100	74	65	55	25	15	8	3	2	1
1-044	Multiple myeloma and malignant plasma cell neoplasms	58	33	25	21	16	6	4	6	4	-	1
1-045	Leukaemia	157	93	64	70	47	14	6	8	7	1	4
1-046	Remainder of malignant neoplasms	601	306	295	261	242	25	37	13	10	7	6
1-047	Remainder of neoplasms	111	73	38	59	30	6	5	4	3	4	-
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	25	7	18	4	14	3	4	-	-	-	-
1-049	Anaemias	13	5	8	3	6	2	2	-	-	-	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	12	2	10	1	8	1	2	-	-	-	-

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) * Include 1 unknown sex.

Table 46
DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2018

Listing	Description of Cause of Death	Total			Ethnic Group										Others	
		Total *	Total		Chinese		Malays		Indians		Others					
			Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females		
1-051	Endocrine, nutritional and metabolic diseases	296	134	162	92	123	29	24	12	15	1	-				
1-052	Diabetes mellitus	281	126	155	86	117	29	24	10	14	1	-				
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-				
1-054	Remainder of endocrine, nutritional and metabolic diseases	15	8	7	6	6	-	-	2	1	-	-				
1-055	Mental and behavioural disorders	3	1	2	1	2	-	-	-	-	-	-				
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-				
1-057	Remainder of mental and behavioural disorders	3	1	2	1	2	-	-	-	-	-	-				
1-058	Diseases of the nervous system	211	105	106	73	86	16	10	15	9	1	1				
1-059	Meningitis	3	1	2	1	1	-	-	-	1	-	-				
1-060	Alzheimer's disease	24	9	15	7	12	1	2	-	1	1	-				
1-061	Remainder of diseases of the nervous system	184	95	89	65	73	15	8	15	7	-	1				
1-062	Diseases of the eye and adnexa	1	-	1	-	-	-	1	-	-	-	-				
1-063	Diseases of the ear and mastoid process	3	-	3	-	1	-	1	-	1	-	-				
1-064	Diseases of the circulatory system	6,457	3,711	2,746	2,485	2,005	657	469	473	213	96	59				
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	25	10	15	8	11	1	3	-	1	1	-				
1-066	Hypertensive diseases	632	347	285	255	212	45	57	38	12	9	4				
1-067	Ischaemic heart diseases	3,862	2,424	1,438	1,562	1,016	447	252	354	145	61	25				
1-068	Other heart diseases	420	208	212	126	153	43	37	28	15	11	7				
1-069	Cerebrovascular diseases.	1,277	592	685	429	521	106	109	46	36	11	19				
1-070	Atherosclerosis	28	11	17	11	13	-	2	-	2	-	-				
1-071	Remainder of diseases of the circulatory system	213	119	94	94	79	15	9	7	2	3	4				
1-072	Diseases of the respiratory system	4,909	2,540	2,369	2,000	1,895	332	277	170	163	38	34				
1-073	Influenza	7	3	4	1	4	1	-	1	-	-	-				
1-074	Pneumonia	4,380	2,183	2,197	1,743	1,765	272	255	138	148	30	29				
1-075	Other acute lower respiratory infections	3	1	2	1	-	-	1	-	-	-	1				
1-076	Chronic lower respiratory diseases	394	283	111	206	83	52	16	18	9	7	3				
1-077	Remainder of diseases of the respiratory system	125	70	55	49	43	7	5	13	6	1	1				

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) * Include 1 unknown sex.

Table 46
DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2018

Listing	Description of Cause of Death	Total		Ethnic Group							
				Chinese		Malays		Indians		Others	
		Total *	Males	Females	Males	Females	Males	Females	Males	Females	Males
1-078	Diseases of the digestive system	518	265	253	199	189	34	37	28	17	4
1-079	Gastric and duodenal ulcer	38	24	14	21	10	2	3	1	-	-
1-080	Diseases of the liver	182	103	79	66	55	12	10	23	10	2
1-081	Remainder of diseases of the digestive system	298	138	160	112	124	20	24	4	7	2
1-082	Diseases of the skin and subcutaneous tissue	132	50	82	36	64	9	13	4	5	1
1-083	Diseases of the musculoskeletal system and connective tissue	108	45	63	36	49	7	8	2	5	1
1-084	Diseases of the genitourinary system	1,092	407	685	298	506	74	117	33	54	2
1-085	Glomerular and renal tubulo-interstitial diseases	34	14	20	7	13	5	5	2	1	-
1-086	Remainder of diseases of the genitourinary system	1,058	393	665	291	493	69	112	31	53	2
1-087	Pregnancy, childbirth and the puerperium	4	-	4	-	1	-	3	-	-	-
1-088	Pregnancy with abortive outcome	1	-	1	-	-	-	1	-	-	-
1-089	Other direct obstetric deaths	3	-	3	-	1	-	2	-	-	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	35	19	16	11	6	1	5	3	3	4
1-093	Congenital malformations, deformations and chromosomal abnormalities	61	31	29	18	17	7	7	3	4	3
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	76	48	28	27	19	8	6	9	1	4
1-095	External causes of morbidity and mortality	909	665	244	439	183	72	21	123	24	31
1-096	Transport accidents	140	115	25	63	19	23	5	26	1	3
1-097	Falls	195	134	61	105	50	10	7	16	3	3
1-098	Accidental drowning and submersion	27	22	5	10	4	3	-	7	-	2
1-099	Exposure to smoke, fire and flames	6	2	4	1	2	-	1	1	1	-
1-100	Accidental poisoning by and exposure to noxious substances	30	24	6	9	4	11	-	2	1	2
1-101	Intentional self-harm	397	283	114	208	86	10	5	50	13	15
1-102	Assault	4	2	2	-	1	-	-	1	1	1
1-103	All other external causes	110	83	27	43	17	15	3	20	4	5

Note: (1) The causes of death are adapted from the Mortality Tabulation List of the International Classification of Diseases - Tenth Revision.

(2) * Include 1 unknown sex.