



**REPORT  
ON REGISTRATION  
OF BIRTHS AND DEATHS  
2019**

**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, 2019 is the 32<sup>nd</sup> 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 2020**

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# Singapore

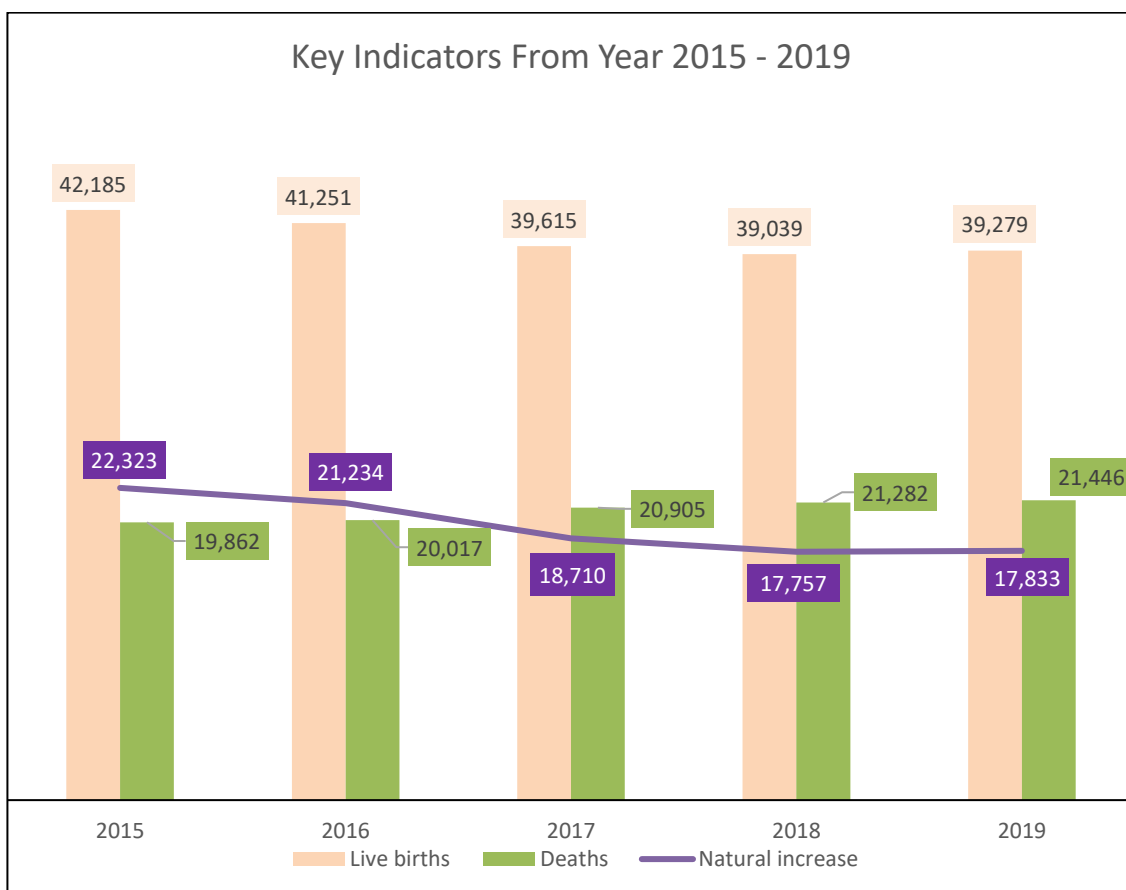
## Registration of Births and Deaths 2019

### Summary

Live Births 39,279 (0.6%) ↑

Deaths 21,466 (0.8%) ↑

In 2019, there were 39,279 occurred live births. There were 21,446 deaths and 73 still births registered. When compared to 2018 there was an increase of 0.6% in live births and 0.8% in deaths registered.



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

### Key Indicators

**Table I : Key Indicators**

	2010		2017		2018		2019	
	Number	Rate*	Number	Rate*	Number	Rate*	Number	Rate*
<b>Natural Increase</b>	<b>20,357</b>	<b>4.9</b>	<b>18,710</b>	<b>4.0</b>	<b>17,757</b>	<b>3.7</b>	<b>17,833</b>	<b>3.7</b>
Chinese	9,954	3.6	7,613	2.6	6,609	2.2	7,122	2.4
Malays	3,176	6.6	4,361	8.5	4,543	8.7	4,554	8.6
Indians	3,003	8.2	2,699	5.4	2,627	5.3	2,500	4.8
Others	4,224	19.1	4,037	13.0	3,978	13.5	3,657	11.7
<b>Live Births</b>	<b>37,967</b>	<b>9.3</b>	<b>39,615</b>	<b>8.9</b>	<b>39,039</b>	<b>8.8</b>	<b>39,279</b>	<b>8.8</b>
Chinese	23,303	8.2	23,360	7.7	22,650	7.5	23,305	7.6
Malays	5,711	11.2	7,315	13.7	7,592	14.1	7,615	14.0
Indians	4,285	11.3	4,421	9.5	4,349	9.2	4,210	8.7
Others	4,668	20.8	4,519	15.1	4,448	15.2	4,149	13.7
<b>Deaths</b>	<b>17,610</b>	<b>4.4</b>	<b>20,905</b>	<b>5.0</b>	<b>21,282</b>	<b>5.0</b>	<b>21,446</b>	<b>5.0</b>
Chinese	13,349	4.6	15,747	5.2	16,041	5.2	16,183	5.2
Malays	2,535	4.6	2,954	5.2	3,049	5.4	3,061	5.4
Indians	1,282	3.1	1,722	4.1	1,722	4.0	1,710	3.9
Others	444	1.7	482	2.1	470	1.7	492	2.1
<b>Infant Mortality</b>	<b>100</b>	<b>2.0</b>	<b>94</b>	<b>2.2</b>	<b>88</b>	<b>2.1</b>	<b>75</b>	<b>1.7</b>
<b>Neonatal Mortality</b>	<b>53</b>	<b>1.1</b>	<b>48</b>	<b>1.2</b>	<b>56</b>	<b>1.3</b>	<b>31</b>	<b>0.6</b>
<b>Perinatal Mortality</b>	<b>134</b>	<b>3.5</b>	<b>134</b>	<b>3.4</b>	<b>127</b>	<b>3.2</b>	<b>97</b>	<b>2.5</b>
<b>Still Births</b>	<b>99</b>	<b>2.6</b>	<b>99</b>	<b>2.5</b>	<b>89</b>	<b>2.3</b>	<b>73</b>	<b>1.9</b>

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 2019, 39,279 live births, 21,446 deaths and 73 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 2019 there were 82 late registrations of live births. Of these, 13 cases were registered after a lapse of 12 months from the date of birth.

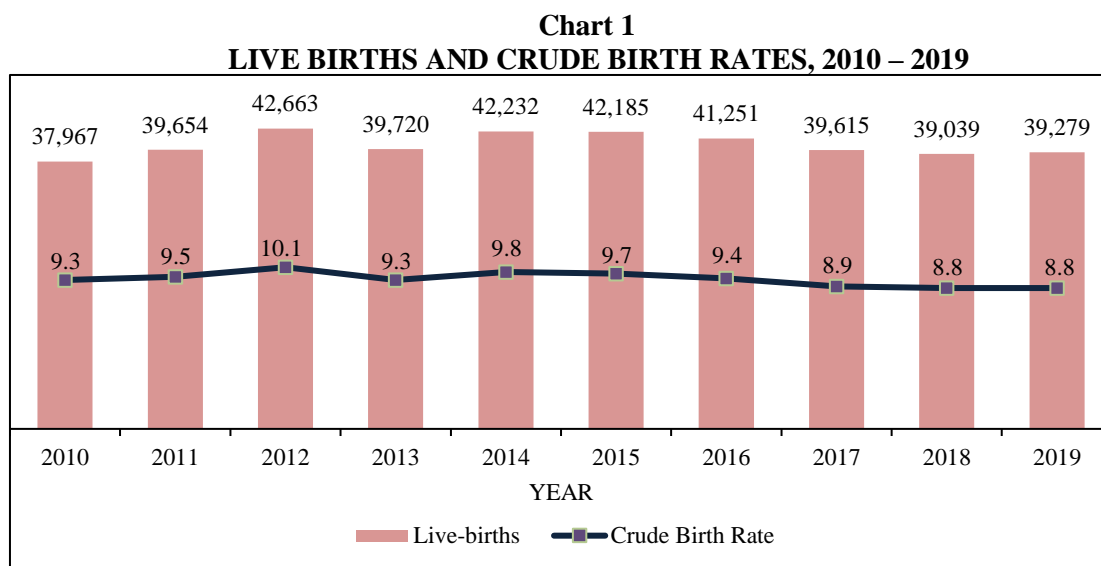
4 Deaths registered after three days from occurrence are treated as late registrations. In 2019, there were 80 late registrations of deaths. Of these, 47 cases were registered after seven days from the date of death.

### Re-Registration of Adopted Children

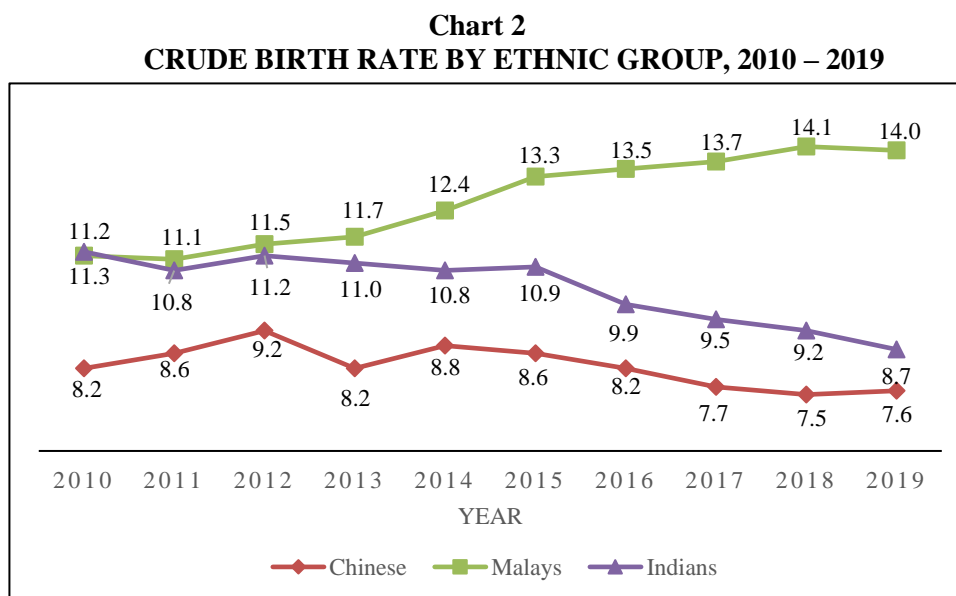
5 Under the Adoption of Children Act, the birth of a child shall be registered under the Registration of Births and Deaths Act upon an Adoption Order issued by the Court. If the child's birth had previously been registered under the Registration of Births and Deaths Act, the name of the child, as well 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 2019, 218 children were adopted and registered under the Act.

### Live Births

6 The number of live births was 39,279 in 2019, showing an increase of 0.6% compared with 39,039 in 2018. The crude birth rate was 8.8 per 1,000 Singapore residents which was the same as that for 2018 (Chart 1).



7 Among the newborns, 23,305 (59.3%) were Chinese, 7,615 (19.4%) Malays, 4,210 (10.7%) Indians and 4,149 (10.6%) of newborns were of other races. In 2019, Malays registered the highest birth rate of 14.0 per 1,000 residents followed by Indians at 8.7 per 1,000 residents. Chinese registered the lowest rate of 7.6 per 1,000 residents.

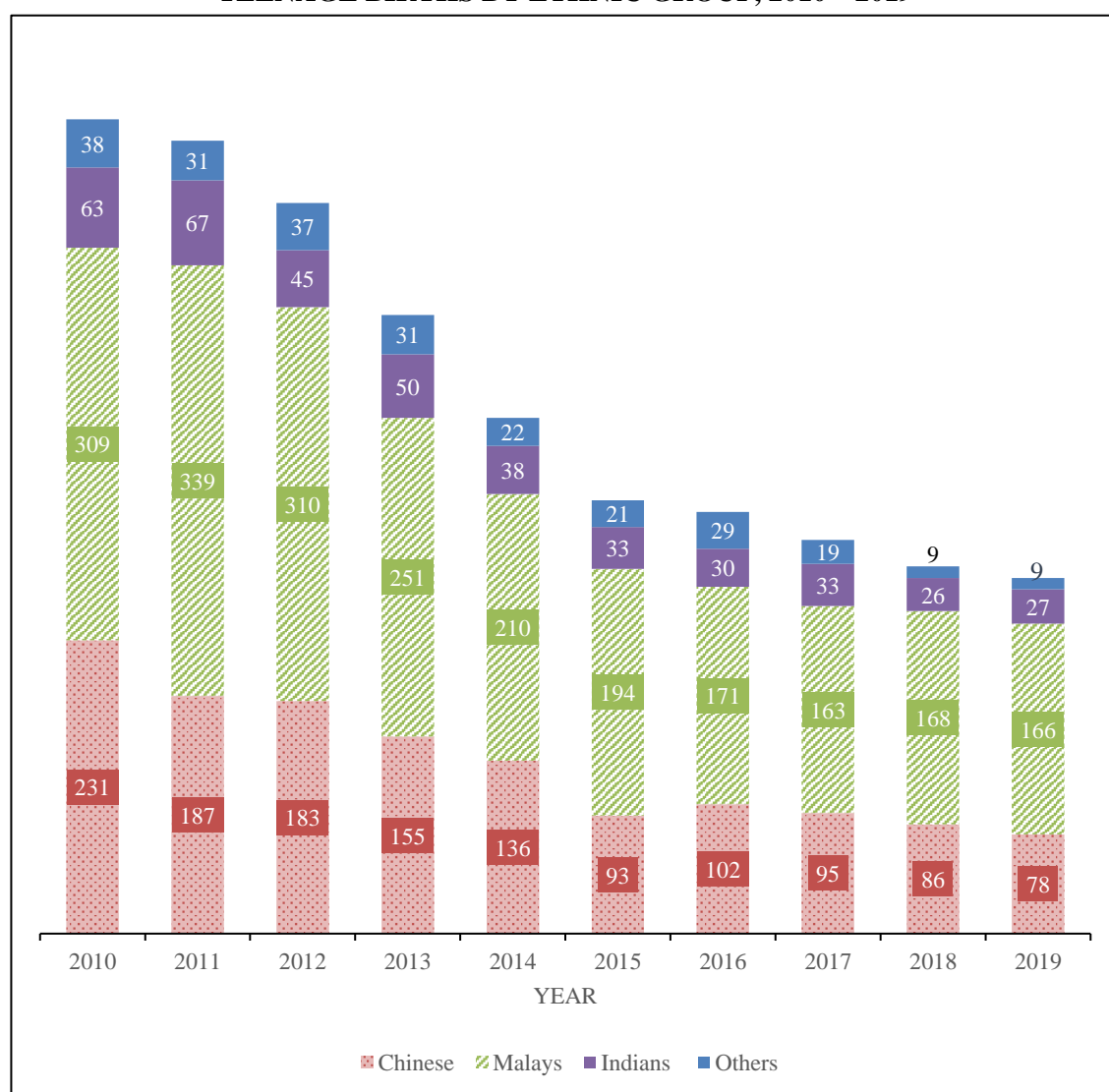


### Live Births

#### Teenage Births

8 There were 280 live births born to teenagers aged 19 and below in 2019, a reduction of 3.1% as compared with 289 in 2018. By proportion, 27.9% of teenage births were born to Chinese, 59.3% to Malays, 9.6% to Indians and 3.2% to other ethnic groups.

**Chart 3**  
**TEENAGE BIRTHS BY ETHNIC GROUP, 2010 – 2019**



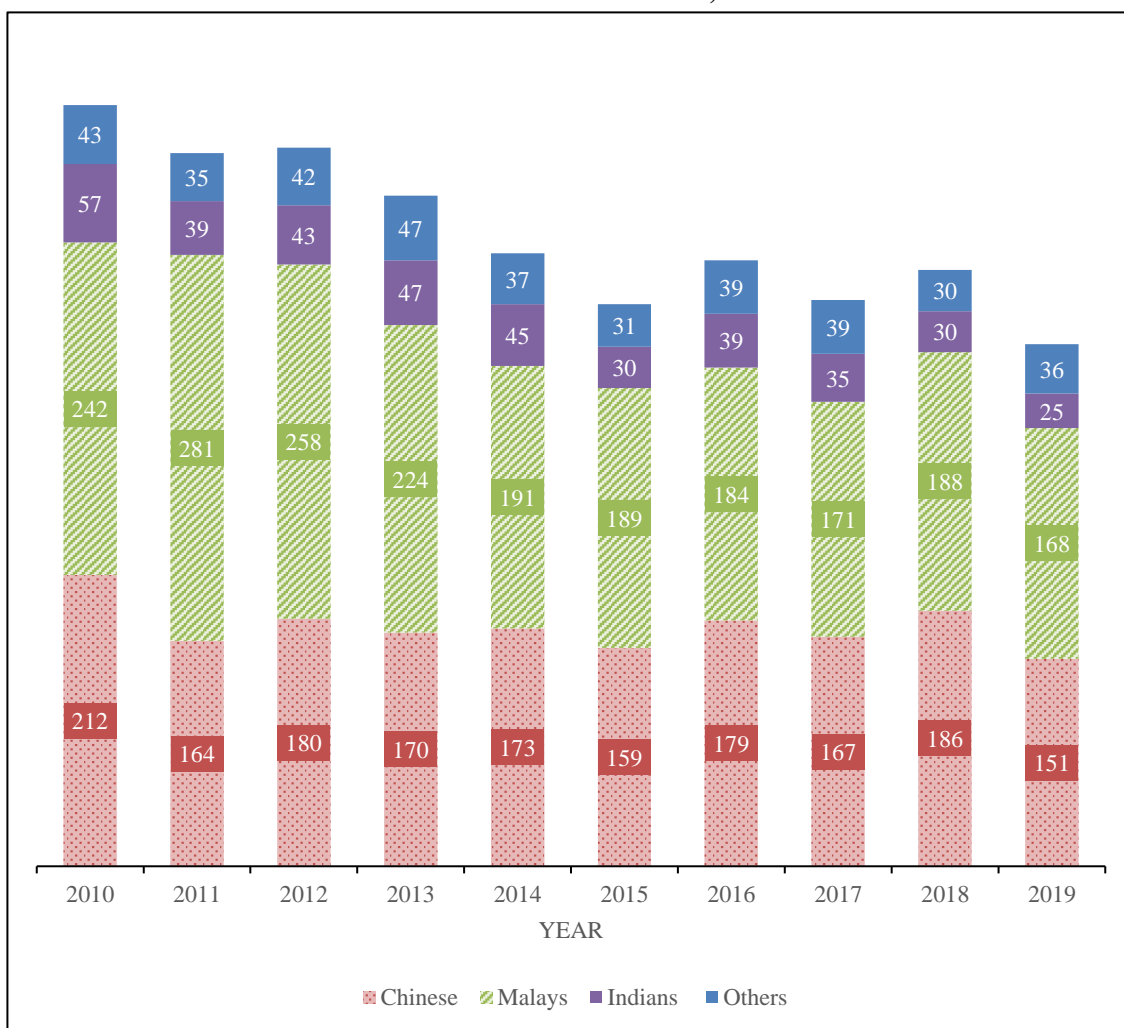
### Live Births

#### Single Parent Registration Births (SP Births)

9 In 2019, 380 live births were registered without the father's name (Chart 4). Out of these 380 SP births, 96 (25.3%) births were born to teenagers aged 19 and below.

10 As similarly observed in teenage births, Malays made up the largest proportion of SP births.

**Chart 4**  
**SP BIRTHS BY ETHNIC GROUP, 2010 – 2019**



# Singapore

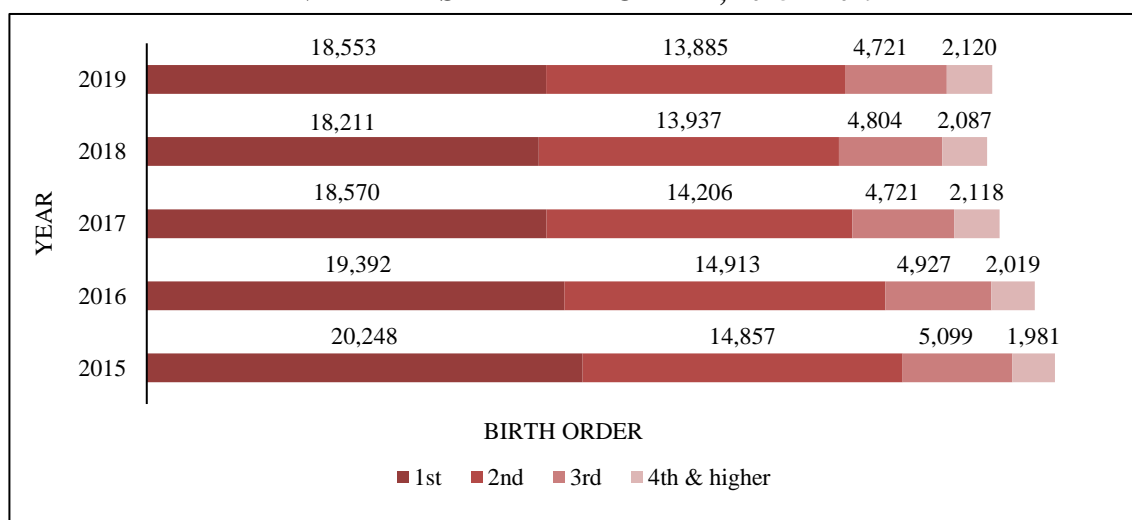
Registration of Births and Deaths 2019

## Live Births

### Birth Order

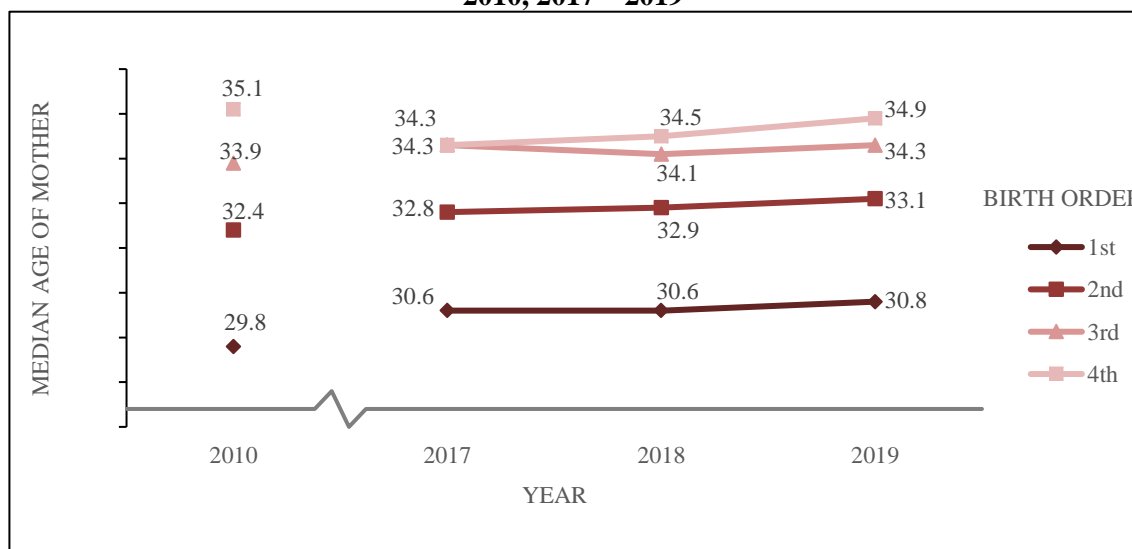
11 Live births in 2019 comprised 47.2% 1<sup>st</sup> order, 35.3% 2<sup>nd</sup> order, 12.0% 3<sup>rd</sup> order and 5.4% 4<sup>th</sup> & higher order births (Chart 5).

**Chart 5**  
**LIVE BIRTHS BY BIRTH ORDER, 2015 – 2019**



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 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> order births when compared against 2010 (Chart 6).

**Chart 6**  
**RESIDENT BIRTH ORDER BY PERIOD AND MEDIAN AGE OF MOTHER, 2010, 2017 – 2019**



### Live Births

#### First Time Mothers

13 The median age of resident live births for first time mothers was 30.8 years at the time of giving birth. Chinese, Malay and Indian mothers have their first child at 31.4, 28.1 and 29.6 years, respectively. The median age at which mothers from other ethnic groups have their first child is 31.2 years.

14 Among these first time mothers, 60.1% had university degrees and 39.9% 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)	
	2018	2019	2018	2019
<b>Ethnic Group</b>				
Chinese	10,842	11,347	31.4	31.4
Malays	2,970	2,870	27.8	28.1
Indians	1,221	1,173	29.8	29.6
Others	1,145	1,071	31.0	31.2
<b>Total</b>	<b>16,178</b>	<b>16,461</b>	<b>30.6</b>	<b>30.8</b>
<b>Education Level</b>				
No Qualification	198	143	29.2	28.8
Primary	566	618	27.7	27.5
GCE 'N' Level	485	574	25.8	26.3
GCE 'O' Level	1,324	949	28.3	29.1
GCE 'A' Level	4,172	4,291	29.4	29.8
University	9,433	9,886	31.5	31.4
Unknown	-	-	-	-
<b>Total</b>	<b>16,178</b>	<b>16,461</b>	<b>30.6</b>	<b>30.8</b>
<b>Occupation</b>				
Legislators, Senior Officials, Managers, Professionals, Technicians & Other Associate Professionals	10,547	9,281	31.2	31.4
Clerical, Service, Shop & Market Sales Workers	1,964	2,175	29.3	30.0
Agricultural & Fishery Workers	5	3	-	-
Production, Transport & Other Manual Workers	45	41	29.8	30.8
Workers Not Classifiable by Occupation	247	1,940	29.6	30.1
Not Working	3,370	3,021	28.8	29.0
<b>Total</b>	<b>16,178</b>	<b>16,461</b>	<b>30.6</b>	<b>30.8</b>

### Live Births

#### Type of Birth and Period of Gestation

15 38,228 mothers had single births, 513 had twins (including two with one live birth and one still birth) and 9 had triplets.

16 The modal gestation period for single births was 38 weeks which accounted for 33.4%. The modal gestation period for twin births was 37 weeks, accounting for 31.8% of total twin births. Premature single births, defined as births with gestation period of 36 weeks or less, totaled 2,520 (6.6%) of single births. The number of premature twins, with 36 weeks or less gestation period, accounted for 60.5% of twin births (Table III).

**Table III**  
**LIVE BIRTHS BY PERIOD OF GESTATION AND TYPE OF BIRTH, 2019**

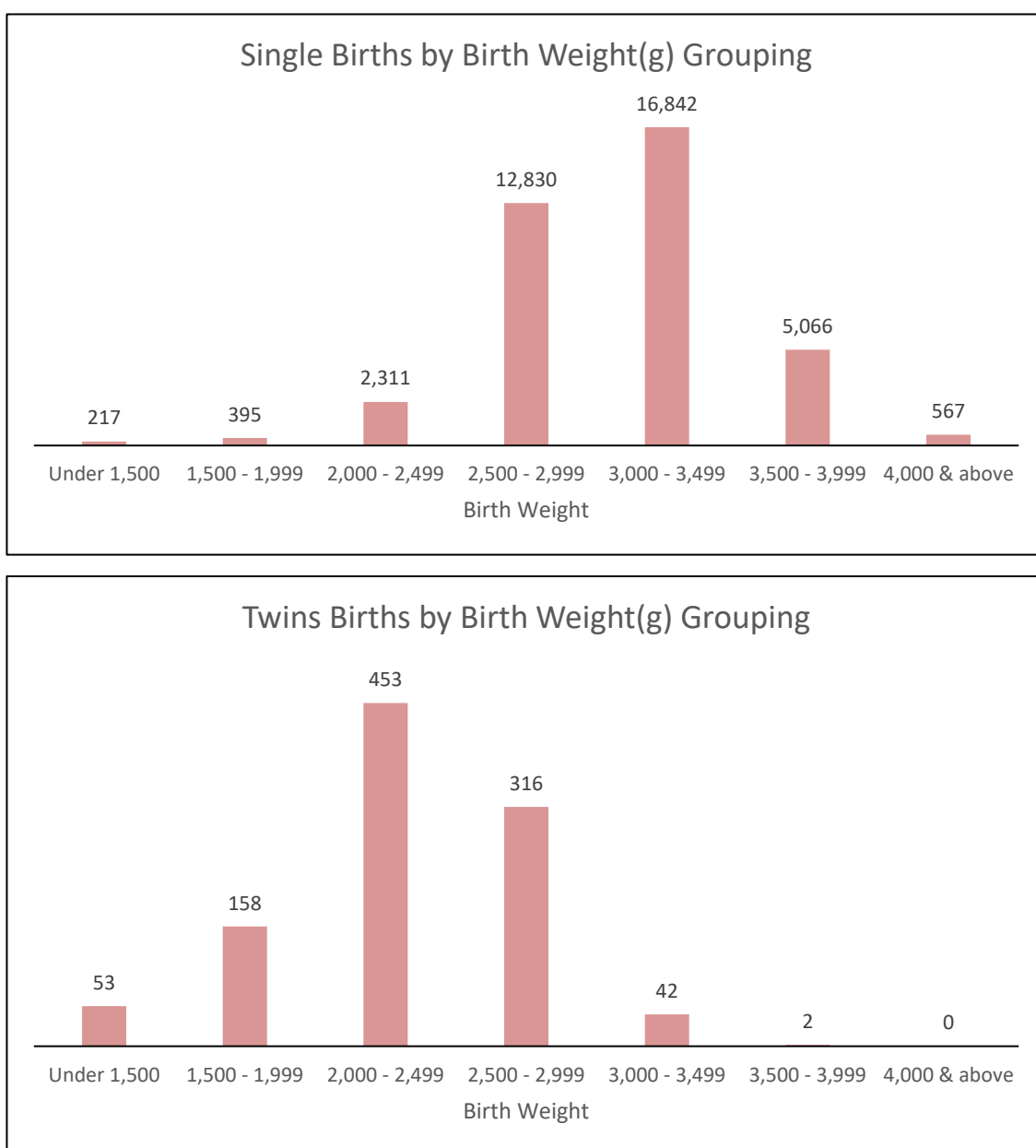
Period of Gestation (weeks)	Total		Type of Birth							
			Single		Twins		Triplets		Others	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All	39,279	100.0	38,228	100.0	1,024	100.0	27	100.0	-	-
Under 28	93	0.2	79	0.2	14	1.4	-	-	-	-
28 - 31	223	0.6	161	0.4	56	5.5	6	22.2	-	-
32 - 35	1,233	3.1	947	2.5	268	26.2	18	66.7	-	-
36	1,618	4.1	1,333	3.5	282	27.5	3	11.1	-	-
37	5,745	14.6	5,419	14.2	326	31.8	-	-	-	-
38	12,848	32.7	12,780	33.4	68	6.6	-	-	-	-
39	11,594	29.5	11,586	30.3	8	0.8	-	-	-	-
40	5,461	13.9	5,459	14.3	2	0.2	-	-	-	-
41	437	1.1	437	1.1	-	-	-	-	-	-
42 & Over	27	0.1	27	0.1	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-

### 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, 2019**





# Singapore

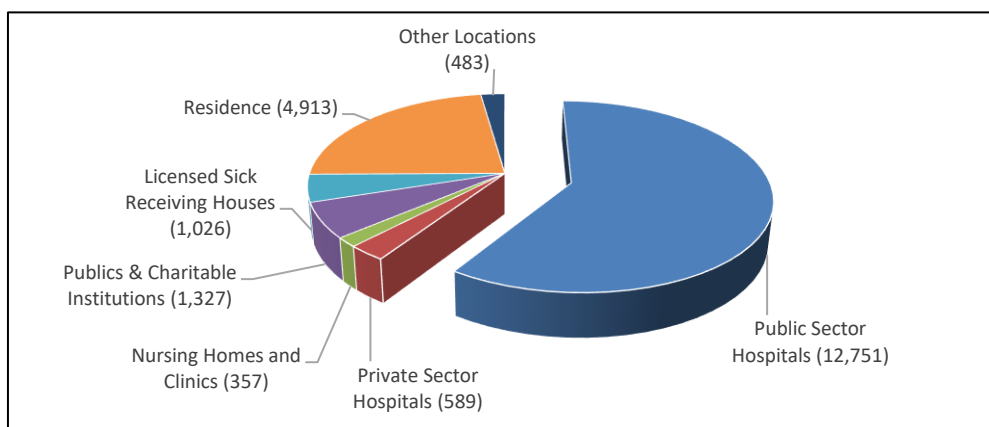
## Registration of Births and Deaths 2019

### Deaths

18 In 2019 a total of 21,446 deaths were registered, an increase of 164 (or 0.8%) as compared with 21,282 deaths registered in 2018.

19 Deaths that occurred in hospitals constituted 62.2% of the total (Chart 8); with 59.5% in public sector hospitals and 2.7% in private sector hospitals. Deaths in residence made up 22.9%, while 7.9% were in nursing homes and charitable institutions, 4.8% were in sick receiving houses and 2.3% at other locations.

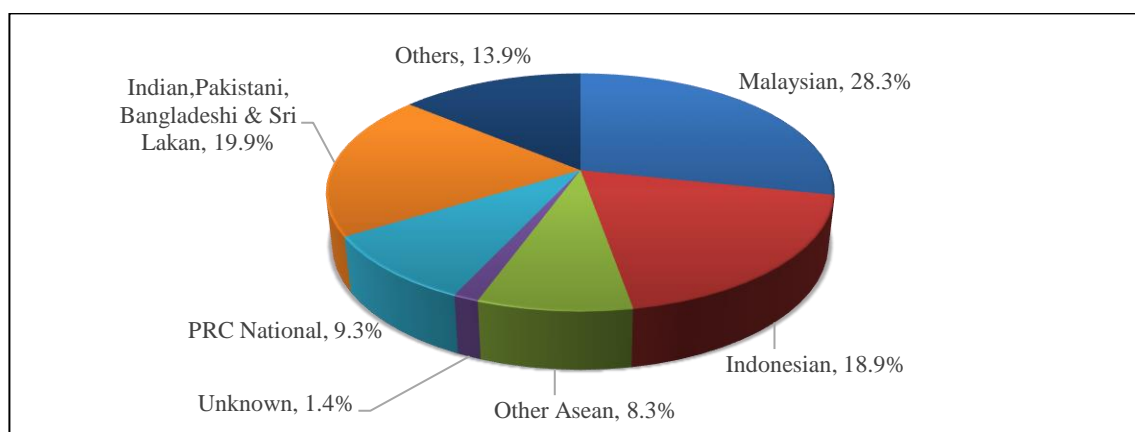
**Chart 8**  
**DEATHS BY PLACE OF OCCURRENCE 2019**



### Nationality

20 5.4% of deaths registered in 2019 were non-Singapore residents (Chart 9). They were mostly Malaysians and Indonesians.

**Chart 9**  
**DEATHS BY NON-RESIDENT STATUS, 2019**



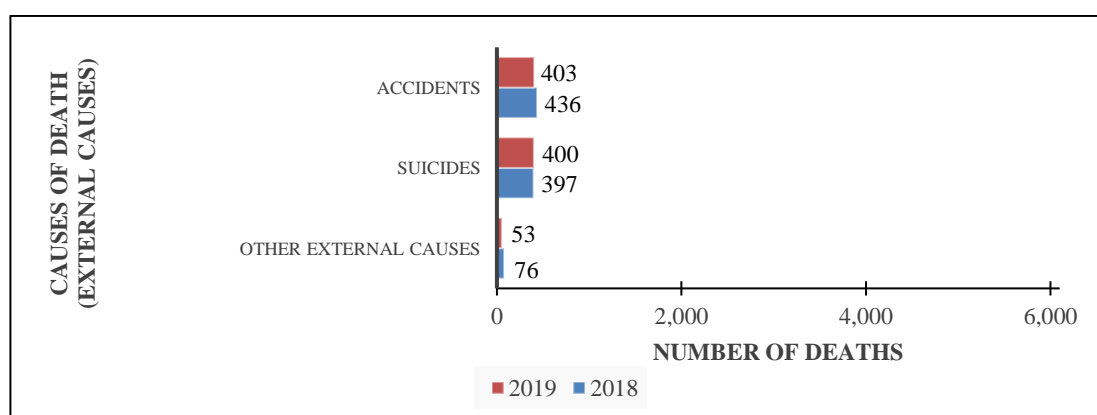
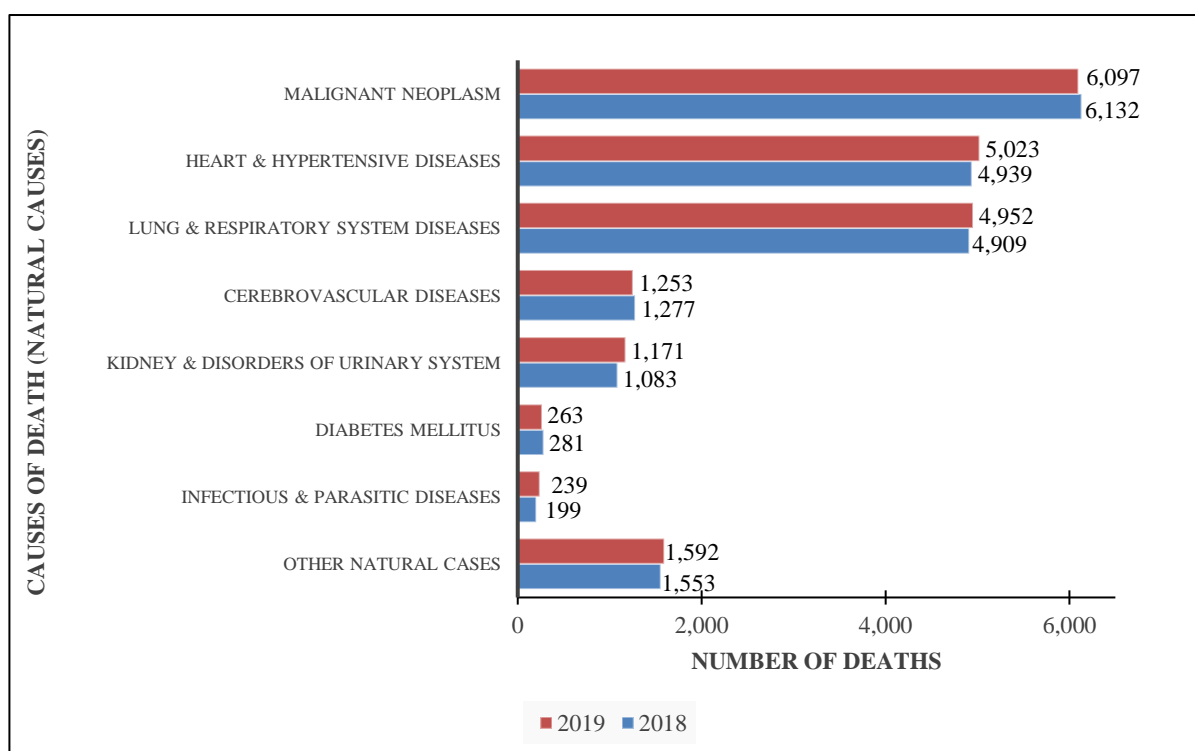
### Deaths

#### Major Causes of Death

21 In 2019, malignant neoplasms and heart & hypertensive diseases were the two common causes of death in Singapore. Altogether, they accounted for more than half (51.8%) of total deaths. Lung & respiratory system diseases and cerebrovascular diseases were another two prevalent causes responsible for 23.1% and 5.8% of death cases respectively. Unnatural causes such as accidents, suicides and other external causes made up 4.0%. As compared with the previous year (measured in terms of percentage), kidney & disorders of urinary system showed an increase of 0.4% while malignant neoplasms showed declines of 0.4% respectively.

Chart 10

#### COMPARATIVE MAJOR CAUSES OF DEATH BETWEEN 2018 AND 2019

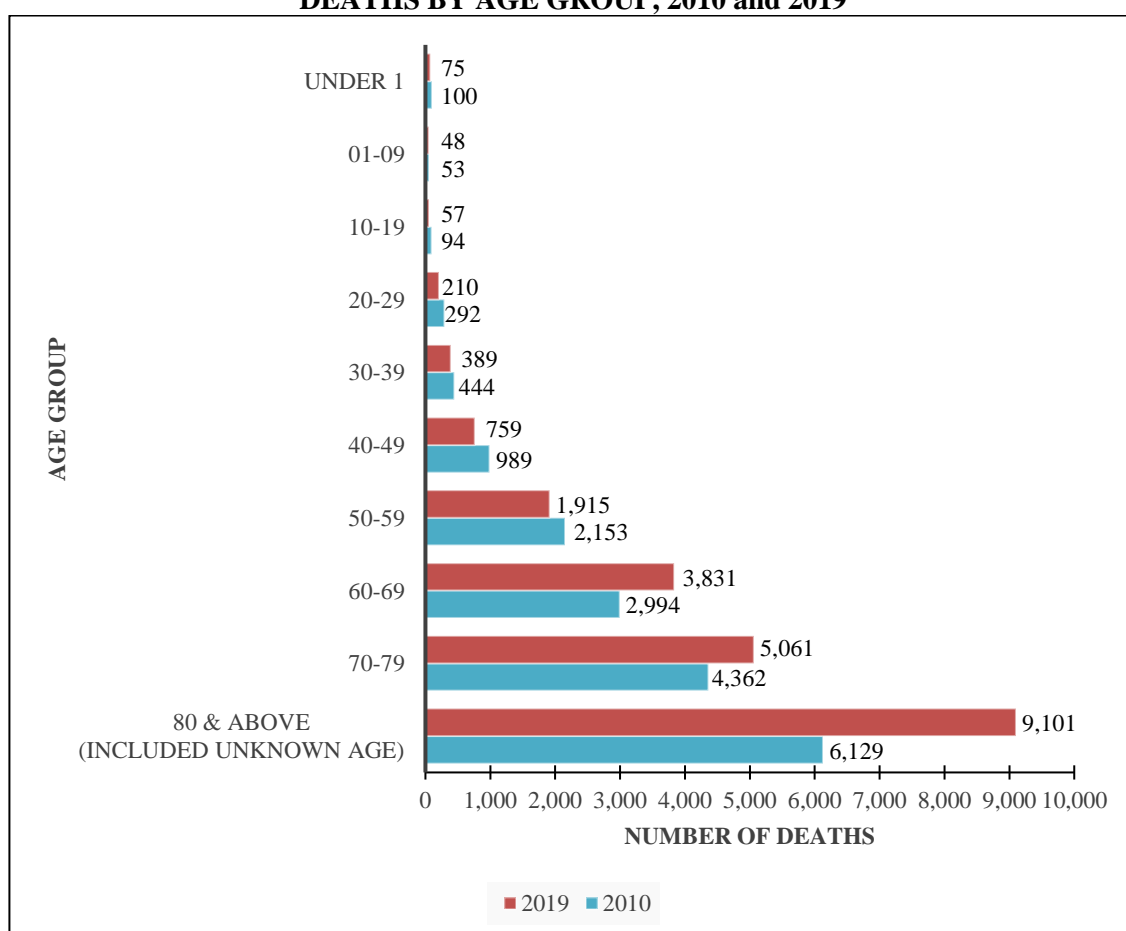


### Deaths

#### Median Age at Death and Gender

22 17,993 deceased persons in 2019 were aged 60 years and over and this accounted for 83.9% of the total deaths. Persons aged between 50 and 59 years old accounted for 8.9% of the total deaths while the number of Infant deaths (age less than one year old) is 75 or 0.3 % of total deaths (Chart 11).

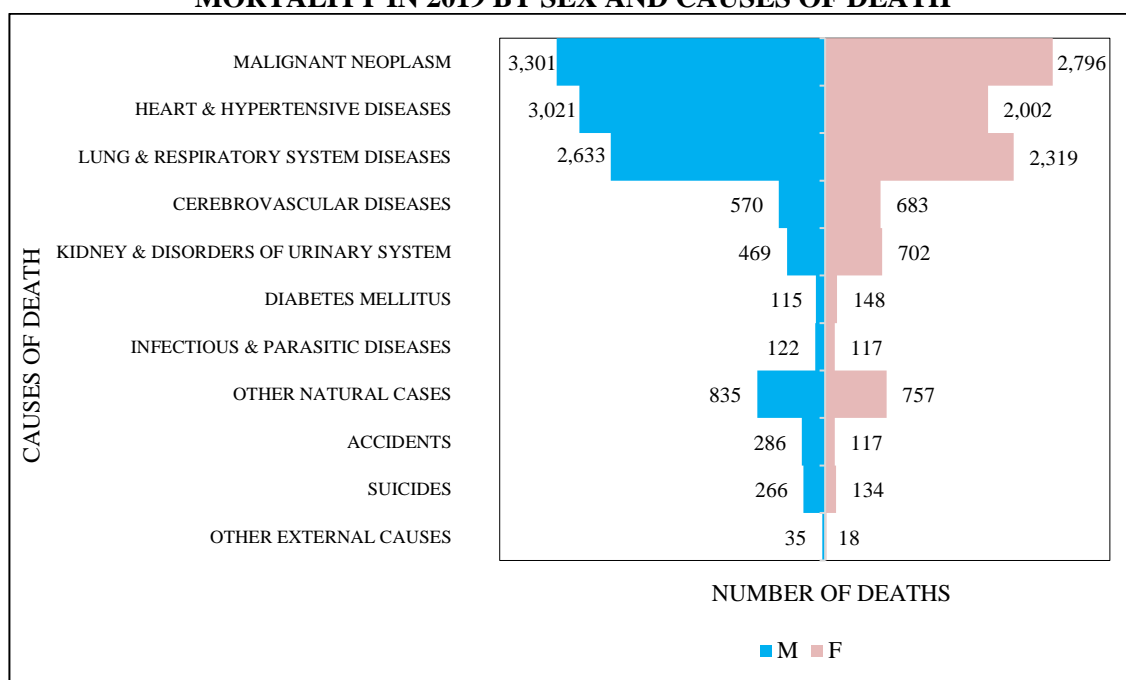
**Chart 11**  
**DEATHS BY AGE GROUP, 2010 and 2019**



### Deaths

23 Males outnumbered females in mortality, giving a ratio of 1,190 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 cerebrovascular diseases (Chart 12).

**Chart 12**  
**MORTALITY IN 2019 BY SEX AND CAUSES OF DEATH**



24 The median age at death (MA in short) was 77.4 years in year 2019. The highest MA of 84.2 years was recorded for those who died of lung & respiratory system diseases, followed by 82.3 years for kidney & disorders of urinary system and 78.9 years for cerebrovascular diseases.

25 The MA has been gradually lengthening over the years. It was 74.4 years in 2010. It increased to 75.5 years and 77.4 years in 2014 and 2019 respectively. Not including other natural causes, the increase in MA was most conspicuous among diabetes mellitus (71.7 year in 2010 to 77.4 years) and kidney & disorders of urinary system (79.0 years in 2010 to 82.3 years in 2019).

26 Females lived longer than their male counterparts. The MA was 73.7 years for males compared to 80.7 years for females, a difference of 7.0 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**

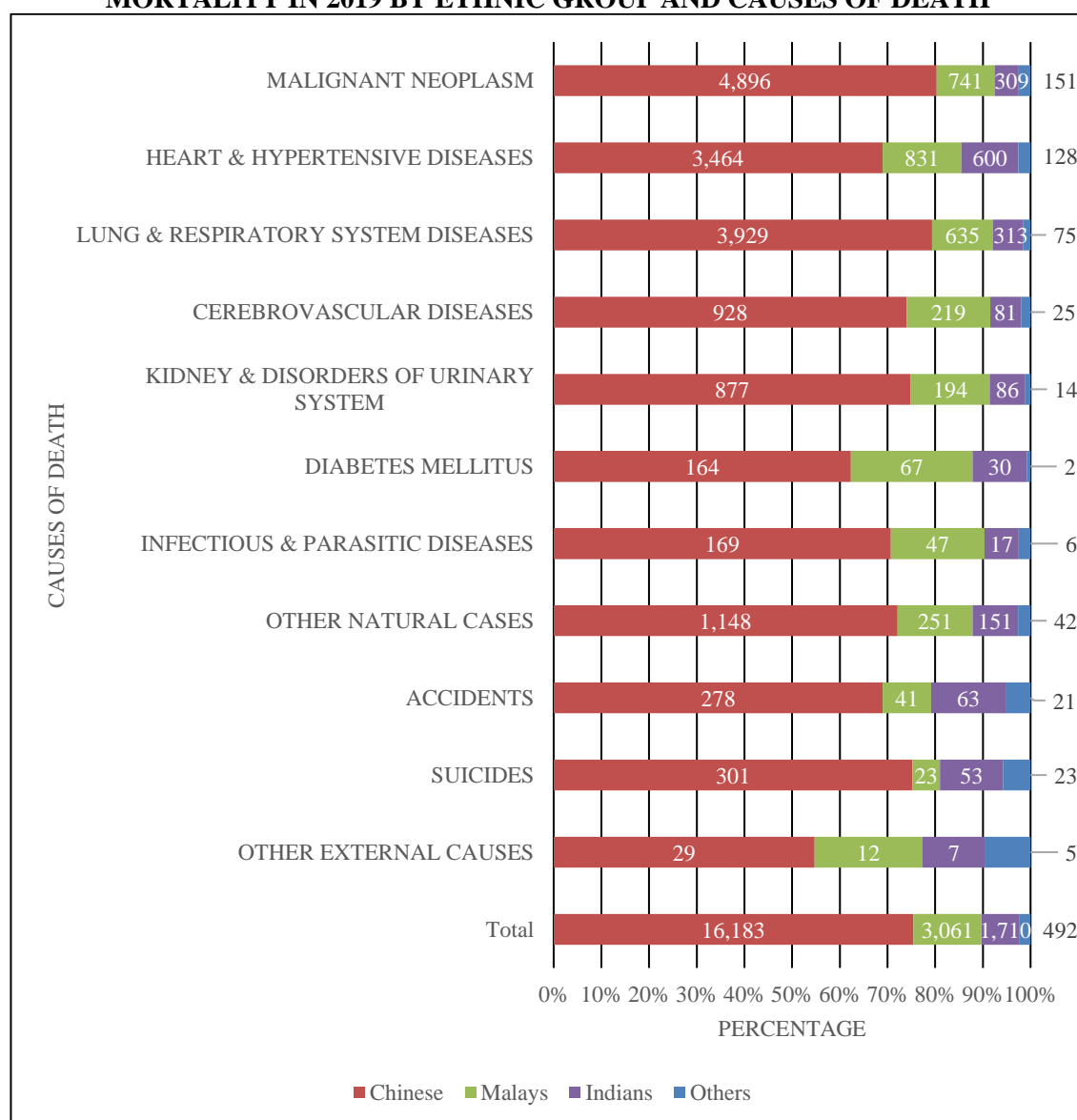
Causes of Death	Sex	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Malignant Neoplasms	F	69.9	70.3	70.1	70.7	70.6	71.2	70.2	70.5	71.0	71.4
	M	69.7	70.4	70.6	69.9	70.7	70.3	70.4	70.7	71.2	71.9
	Total	69.8	70.3	70.5	70.2	70.6	70.7	70.4	70.7	71.1	71.7
Heart & Hypertensive Diseases	F	80.1	80.2	79.0	80.4	80.0	80.7	80.8	81.3	82.2	81.8
	M	69.6	68.8	68.2	69.4	69.6	68.9	69.6	70.3	70.1	71.3
	Total	74.7	73.8	73.3	74.3	74.3	74.6	75.0	75.7	75.1	75.6
Lung & Respiratory System Diseases	F	84.9	84.9	85.1	85.4	86.1	86.4	86.5	86.3	86.6	86.9
	M	78.6	79.6	79.3	79.6	80.3	80.5	80.7	80.8	81.4	81.5
	Total	81.5	81.9	82.1	82.4	83.1	83.5	83.5	83.7	83.9	84.2
Cerebrovascular Diseases	F	81.7	82.0	82.9	82.7	82.9	81.9	82.3	83.3	83.1	83.1
	M	73.5	75.0	74.5	75.4	75.1	74.2	74.1	74.1	72.9	73.1
	Total	78.8	78.9	79.7	79.3	79.4	78.7	79.0	79.2	78.8	78.9
Kidney & Disorders of Urinary System	F	80.9	80.3	80.9	81.8	82.9	81.8	83.6	82.8	83.4	84.2
	M	75.9	76.7	76.4	76.9	78.5	77.1	79.2	78.5	78.6	79.4
	Total	79.0	78.7	79.2	80.1	81.3	80.3	82.1	81.1	81.9	82.3
Diabetes Mellitus	F	74.5	76.1	76.8	78.3	79.2	77.0	78.5	79.0	80.1	79.7
	M	69.0	69.1	68.8	69.0	71.1	70.5	73.3	72.3	73.4	72.1
	Total	71.7	73.1	73.0	74.4	76.7	75.1	76.4	76.4	77.7	77.4
Infectious & Parasitic Diseases	F	79.7	78.7	76.5	74.7	74.7	77.0	75.4	76.0	75.8	84.0
	M	70.9	69.4	63.6	66.5	63.4	67.1	67.9	64.6	68.1	74.7
	Total	74.8	72.2	68.5	69.3	67.7	68.7	72.3	68.4	71.0	79.0
Other Natural Causes	F	72.4	73.8	74.6	76.3	78.2	79.7	78.2	79.3	80.3	80.8
	M	66.1	63.8	66.2	67.2	66.5	68.1	68.3	70.4	70.2	71.9
	Total	69.5	69.8	71.4	71.9	72.8	73.8	73.5	75.7	76.0	75.9
Accidents	F	61.4	69.4	70.9	68.3	75.1	66.0	70.1	69.1	68.6	71.7
	M	46.2	44.5	48.8	49.3	45.2	53.0	52.3	61.7	55.2	60.2
	Total	49.2	49.9	52.9	52.5	53.8	54.6	58.2	64.1	59.7	64.0
Suicides	F	46.3	50.2	47.8	47.1	47.5	44.2	44.7	51.7	48.8	44.6
	M	47.9	51.6	48.0	47.6	51.7	45.9	47.5	50.1	47.8	48.6
	Total	47.1	51.4	47.9	47.5	50.9	45.9	47.1	50.9	47.9	47.1
Other External Causes	F	44.6	46.2	34.9	41.8	38.9	30.4	44.3	38.2	56.7	54.1
	M	42.1	42.5	41.9	42.2	41.8	43.0	42.2	44.3	49.4	46.1
	Total	42.8	42.7	39.0	42.1	39.4	38.4	43.0	43.2	50.0	46.3
ALL	F	78.0	77.9	78.1	78.9	79.5	79.7	79.6	80.1	80.5	80.7
	M	71.2	71.4	71.5	72.0	72.5	72.3	72.7	73.2	72.9	73.7
	Total	74.4	74.3	74.2	74.9	75.5	75.7	76.1	76.6	76.7	77.4

### Deaths

#### Ethnic Group

27 75.5% of deaths registered in 2019 were Chinese while Malays, Indians and other ethnic groups made up of 14.3%, 8.0% and 2.3% of death cases respectively (Chart 13).

**Chart 13**  
**MORTALITY IN 2019 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 78.9 years compared with 71.7 years for Malays, 69.3 years for Indians and 66.0 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, 2019**

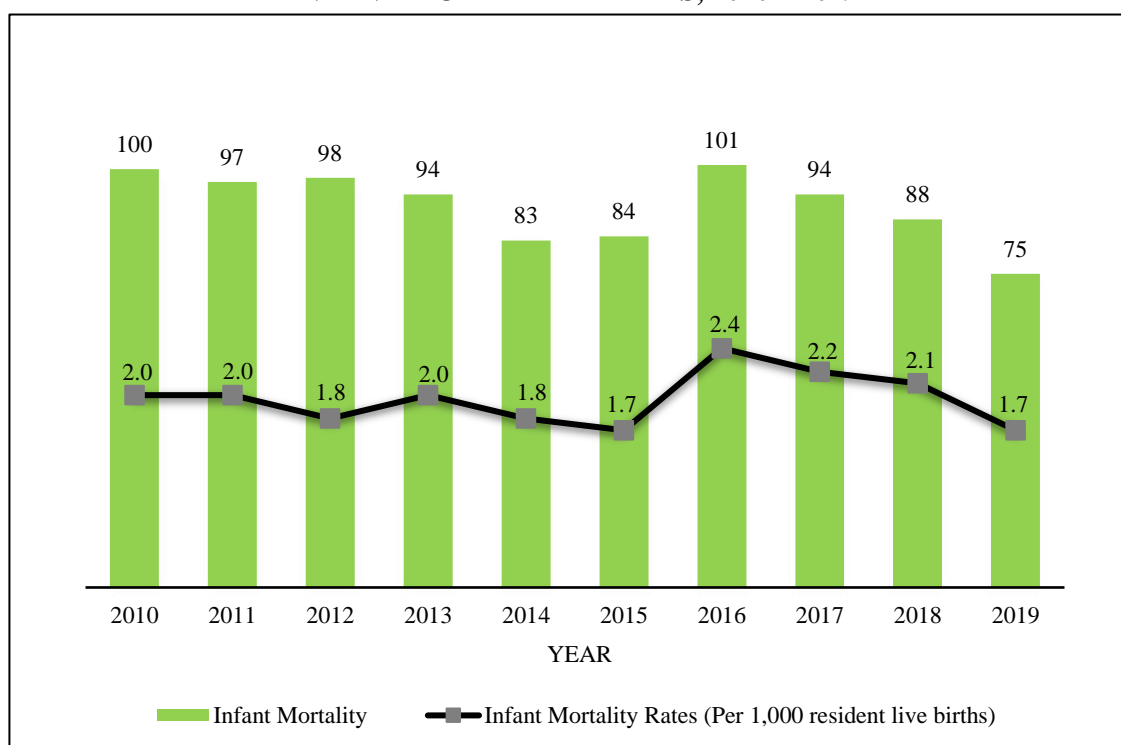
Cause of Death	ALL	Chinese	Malays	Indians	Others
<b>Natural Causes</b>					
Malignant Neoplasms	71.7	72.8	66.0	68.5	63.9
Heart & Hypertensive Diseases	75.6	78.5	70.3	67.1	68.2
Lung & Respiratory System Diseases	84.2	84.8	81.5	81.7	83.3
Cerebrovascular Disease	78.9	80.1	75.0	73.8	58.7
Kidney & Disorders of Urinary System	82.3	83.6	76.6	75.5	81.1
Diabetes Mellitus	77.4	79.3	71.2	72.2	66.8
Infectious & Parasitic Diseases (Tuberculosis, Septicaemia, etc)	79.0	79.4	73.0	76.2	74.1
Other Natural Cases	75.9	78.9	71.0	62.8	57.1
<b>Accidents and Violence (All Forms)</b>					
Accidents	64.0	70.3	40.8	36.5	49.1
Suicides	47.1	53.5	30.6	33.2	37.8
Other External Causes	46.3	53.1	58.1	39.1	34.8
<b>ALL</b>	<b>77.4</b>	<b>78.9</b>	<b>71.7</b>	<b>69.3</b>	<b>66.0</b>

### Deaths

#### Infant Mortality

29 Of the 75 infant deaths registered in 2019, 39 were males and 36 were females. The main causes of infant death were Perinatal Originated Conditions (41.3%) and Congenital Anomalies (24.0%). The infant mortality rate in 2019 was 1.7 per 1,000 resident live births (Chart 14).

**Chart 14**  
**INFANT MORTALITY RATES, 2010 – 2019**



#### Neonatal Mortality

30 The number fell from 53 in 2010 to 31 in 2019. The neonatal mortality rate also dropped from 1.1 per 1,000 resident live births in 2010 to 0.6 per 1,000 resident live births in 2019.

#### Perinatal Mortality

31 Including still births, there were 97 perinatal deaths registered in 2019. The perinatal mortality rate was 2.5 per 1,000 live births and still births.

#### Maternal Mortality

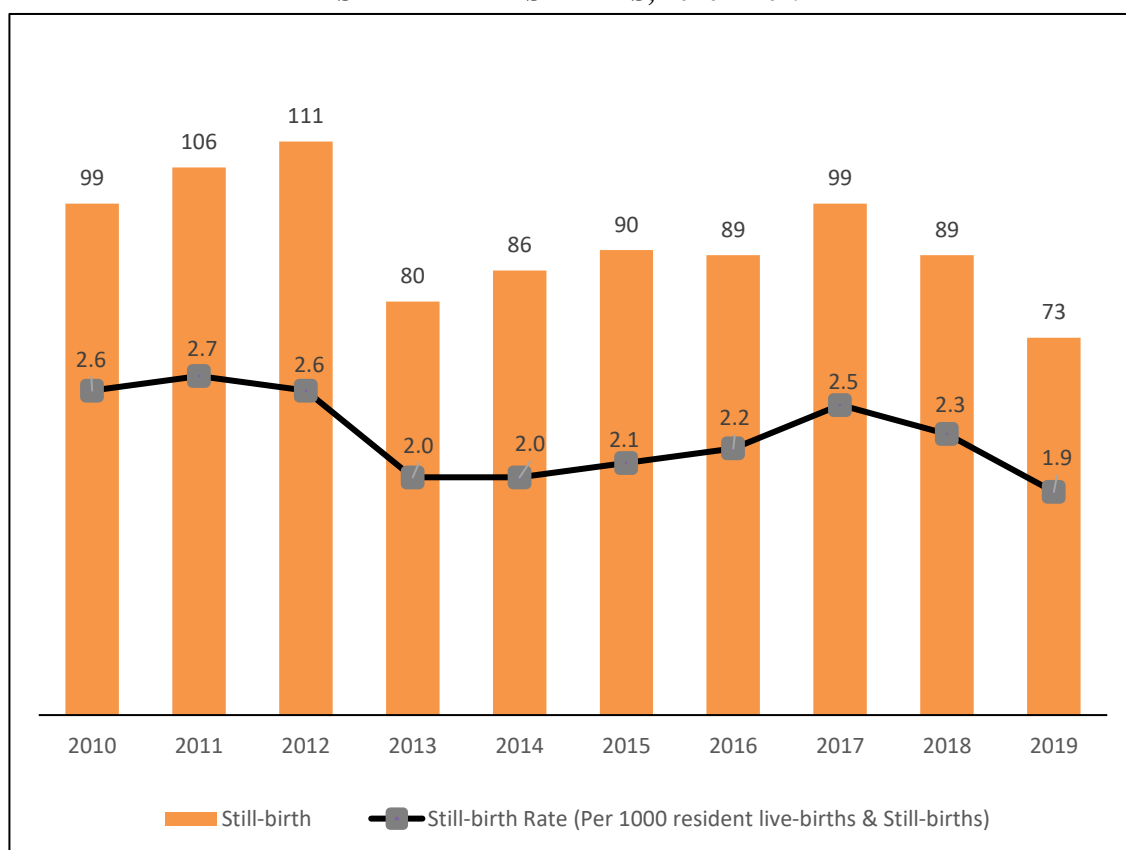
32 In 2019, there was one maternal death registered.



### Still Births

33 The percentage of still births registered in 2019 decreased by 18.0% to 73 as compared to 89 in 2018. Chart 15 shows that the crude still births rates varied between 1.9 to 2.7 per 1,000 live births and still births for the last 10 years.

**Chart 15**  
**STILL BIRTHS RATES, 2010 – 2019**



34 Still births registered in 2019 comprised 36 males and 37 females. Still births in excess of 36 weeks of gestation period constituted 30.1% 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<sup>1</sup> 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 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
- b 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.

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<sup>1</sup> Effective June 2018, eligible parents can register their child's birth via the Moments of Life app. Parents will then only need to report to any of the birth registration centres to collect the birth certificate. To be eligible, one parent must be a Singapore citizen, both parents must have SingPass accounts and have their marriage registered in Singapore.

## 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.

 <div style="display: inline-block; vertical-align: middle; text-align: center;"> <p>REPUBLIC OF SINGAPORE</p> <p><b>CERTIFICATE OF REGISTRATION OF BIRTH</b></p> </div>		BIRTH REGISTRATION No.	
<b>CHILD'S PARTICULARS</b>	Birth Registered at		
	Full Name		
	Sex	Date of Birth	Time of Birth <div style="text-align: right;">Hours</div>
	Place or Address of Birth		
<b>MOTHER'S PARTICULARS</b>	Name		Date of Birth
	NRIC/Identification Document No.	Race	Dialect Group
	Nationality		Country/Place of Birth
	Address		
<b>FATHER'S PARTICULARS</b>	Name		
	NRIC/Identification Document No.	Race	Dialect Group
	Nationality		Country/Place of Birth
	Address		
<b>INFORMANT'S PARTICULARS</b>	Name		
	NRIC/Identification Document No.		Relationship
	Address		
FOR OFFICIAL USE			
I certify that the above information given by me is correct.  <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <hr style="border: 0; border-top: 1px solid black;"/> <i>Informant's Signature or Thumb Impression</i> </div> <div style="width: 10%; text-align: center;"> <hr style="border: 0; border-top: 1px solid black;"/> <i>Date</i> </div> <div style="width: 45%;"> <hr style="border: 0; border-top: 1px solid black;"/> <i>for Registrar of Births and Deaths</i> </div> <div style="width: 10%; text-align: center;"> <hr style="border: 0; border-top: 1px solid black;"/> <i>Date</i> </div> </div>			

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						
		<div style="display: flex; justify-content: space-between;"> <span>_____ Informant's Signature / Thumb Impression</span> <span>_____ Date</span> </div>					
REGISTRATION OFFICER	Name of Registration Officer						
	Designation						
	Date						
_____ for Registrar of Births and Deaths							

REPUBLIC OF SINGAPORE <b>CERTIFICATE OF REGISTRATION OF STILL-BIRTH</b>		STILL-BIRTH REGISTRATION No.  <b>No.</b>	
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.   <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <div style="border-top: 1px solid black; margin-bottom: 5px;"></div> <i>Informant's Signature or</i>  <i>Thumb Impression</i> </div> <div style="width: 45%;"> <div style="border-top: 1px solid black; margin-bottom: 5px;"></div> <i>Date</i> </div> </div>		<div style="border-top: 1px solid black; margin-bottom: 5px;"></div> <i>Registrar of Births and Deaths</i> <div style="border-top: 1px solid black; margin-top: 20px; margin-bottom: 5px;"></div> <i>Date</i>	



# **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, 2000 - 2019**

Year	Population *	Natural Increase	Live Births	Deaths	Still Births	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
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
2019	4,026,209	17,833	39,279	21,446	73	75	31	97	1

\* 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, 2000 - 2019**

Year	Population *	Natural Increase	Live Births	Deaths	Still Births	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
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 <sup>1</sup>	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
2019	8	3.7	8.8	5.0	1.9	1.7	0.6	2.5	2.5

\* Source : Singapore Department of Statistics

<sup>1</sup> 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, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
2000	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	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
2019	4,026,209	2,993,708	540,783	362,637	129,081

*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, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
2000	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	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
2019	1,969,382	1,455,708	268,933	185,343	59,398

*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, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
2000	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	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
2019	2,056,827	1,538,000	271,850	177,294	69,683

*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, 2000 - 2019**  
**(Males Per Thousand Females)**

Year	Total	Chinese	Malays	Indians	Others
2000	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	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
2019	957	946	989	1,045	852

*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, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	17,833	7,122	4,554	2,500	3,657

**Table 8**  
**CRUDE RATES OF NATURAL INCREASE BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	3.7	2.4	8.6	4.8	11.7

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



**Table 9**  
**LIVE - BIRTHS BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	39,279	23,305	7,615	4,210	4,149

**Table 10**  
**CRUDE BIRTH RATES BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	8.8	7.6	14.0	8.7	13.7

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

**Table 11**  
**DEATHS BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	21,446	16,183	3,061	1,710	492

**Table 12**  
**CRUDE DEATH RATES BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	5.0	5.2	5.4	3.9	2.1

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

**Table 13**  
**INFANT DEATHS BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	75	32	27	11	5

**Table 14**  
**INFANT MORTALITY RATES BY ETHNIC GROUP, 2000 - 2019**

Year	Total	Chinese	Malays	Indians	Others
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
2019	1.7	1.2	3.3	1.9	0.6

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, 2019**

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	39,279	19,918	19,361	11,807	11,498	3,845	3,770	2,124	2,086	2,142	2,007
January	3,235	1,655	1,580	974	928	334	303	187	191	160	158
February	2,894	1,472	1,422	888	846	269	278	157	142	158	156
March	3,273	1,668	1,605	979	933	332	306	158	184	199	182
April	3,126	1,581	1,545	913	873	316	323	175	181	177	168
May	3,242	1,623	1,619	968	940	308	321	173	184	174	174
June	3,119	1,565	1,554	939	938	288	308	170	165	168	143
July	3,372	1,701	1,671	1,012	998	334	318	178	175	177	180
August	3,239	1,632	1,607	959	920	326	351	164	176	183	160
September	3,452	1,743	1,709	1,047	1,062	338	312	179	165	179	170
October	3,534	1,802	1,732	1,078	1,046	347	319	181	180	196	187
November	3,485	1,793	1,692	1,066	1,026	340	318	197	166	190	182
December	3,308	1,683	1,625	984	988	313	313	205	177	181	147

**Table 16**  
**LIVE - BIRTHS BY ETHNIC GROUP OF FATHER AND MOTHER , 2019**

Ethnic Group of Father	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,279	23,115	7,879	3,767	4,518
Chinese	23,305	21,526	240	64	1,475
Malays	7,615	310	6,625	434	246
Indians	4,210	269	607	3,116	218
Others	4,149	1,010	407	153	2,579

**Table 17**  
**LIVE - BIRTHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP OF MOTHER, 2019**

Place of Occurrence	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,279	23,115	7,879	3,767	4,518
Public Sector Hospitals	18,230	7,698	6,426	2,474	1,632
Private Sector Hospitals	20,840	15,353	1,360	1,275	2,852
Residence	150	39	69	13	29
Other Locations	59	25	24	5	5

**Table 18**  
**LIVE - BIRTHS BY ATTENDANT AT BIRTH AND ETHNIC GROUP OF MOTHER, 2019**

Attendant at Birth	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	39,279	23,115	7,879	3,767	4,518
Doctor in Public Sector Hospitals	14,906	6,815	4,493	2,165	1,433
Doctor in Private Sector Hospitals	20,855	15,346	1,360	1,277	2,872
Ambulance Officer / Paramedic	10	3	6	1	-
Midwife or Nurse in Public Sector Hospitals	3,325	886	1,931	309	199
Midwife or Nurse in Private Sector Hospitals	17	14	1	-	2
Delivery without aid of doctor, midwife or nurse	166	51	88	15	12
Unknown	-	-	-	-	-

**Table 19**  
**LIVE - BIRTHS BY AGE, ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2019**

Mother's Age (years)	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	39,279	19,918	19,361	11,686	11,429	4,005	3,874	1,907	1,860	2,320	2,198
Under 15	3	1	2	-	1	1	1	-	-	-	-
15	14	5	9	-	2	4	7	1	-	-	-
16	27	11	16	5	5	6	11	-	-	-	-
17	45	22	23	5	9	15	9	2	4	-	1
18	71	38	33	11	11	21	19	3	2	3	1
19	120	59	61	11	18	38	34	8	7	2	2
20	140	69	71	14	17	39	42	9	7	7	5
21	180	93	87	25	26	46	41	11	12	11	8
22	306	144	162	47	52	52	74	19	22	26	14
23	414	206	208	68	74	89	84	23	20	26	30
24	605	315	290	110	97	133	109	42	43	30	41
25	936	487	449	182	176	212	170	60	58	33	45
26	1,338	746	592	309	220	302	254	69	66	66	52
27	1,777	896	881	402	395	318	314	98	93	78	79
28	2,504	1,317	1,187	695	629	370	353	132	113	120	92
29	2,904	1,419	1,485	816	834	347	386	125	139	131	126
30	3,364	1,689	1,675	1,076	1,101	322	296	169	135	122	143
31	3,562	1,833	1,729	1,185	1,124	310	293	165	161	173	151
32	3,260	1,633	1,627	1,020	1,027	254	263	161	164	198	173
33	3,264	1,600	1,664	1,025	1,045	222	244	158	176	195	199
34	3,121	1,576	1,545	1,016	974	188	210	159	164	213	197
35	2,648	1,334	1,314	830	855	187	147	133	121	184	191
36	2,421	1,246	1,175	770	762	153	141	129	107	194	165
37	1,873	944	929	634	606	104	116	78	70	128	137
38	1,380	716	664	462	424	92	85	46	60	116	95
39	1,131	556	575	366	363	58	66	36	57	96	89
40	775	374	401	241	270	45	43	27	23	61	65
41	455	253	202	168	118	29	25	13	17	43	42
42	309	174	135	99	77	22	21	15	6	38	31
43	167	81	86	41	60	15	5	8	6	17	15
44	81	42	39	27	27	5	5	6	2	4	5
45	41	23	18	18	11	3	4	1	1	1	2
46	17	4	13	-	8	1	1	1	2	2	2
47	13	5	8	3	7	1	1	-	-	1	-
48	8	3	5	3	3	-	-	-	2	-	-
49	-	-	-	-	-	-	-	-	-	-	-
>=50	5	4	1	2	1	1	-	-	-	1	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

**Table 20**  
**LIVE - BIRTHS BY AGE GROUP, ETHNIC GROUP**  
**OF MOTHER AND BIRTH ORDER, 2019**

Age Group of Mother (years)	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Un- known
	Total										
Total	39,279	18,553	13,885	4,721	1,381	432	184	72	36	15	-
Under 15	3	3	-	-	-	-	-	-	-	-	-
15 - 19	277	231	41	3	2	-	-	-	-	-	-
20 - 24	1,645	1,066	407	129	34	6	3	-	-	-	-
25 - 29	9,459	6,017	2,416	679	221	80	28	10	6	2	-
30 - 34	16,571	7,676	6,449	1,793	443	125	57	16	8	4	-
35 - 39	9,453	3,006	3,904	1,744	523	163	64	29	14	6	-
40 - 44	1,787	518	648	356	152	55	32	17	7	2	-
45 - 49	79	33	19	17	6	2	-	-	1	1	-
50 - 54	4	2	1	-	-	1	-	-	-	-	-
>= 55	1	1	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Chinese										
Total	23,115	11,677	8,461	2,394	470	84	22	7	-	-	-
Under 15	1	1	-	-	-	-	-	-	-	-	-
15 - 19	77	70	5	2	-	-	-	-	-	-	-
20 - 24	530	374	125	27	4	-	-	-	-	-	-
25 - 29	4,658	3,369	1,014	216	42	15	2	-	-	-	-
30 - 34	10,593	5,404	4,211	833	122	15	5	3	-	-	-
35 - 39	6,072	2,063	2,653	1,092	224	34	4	2	-	-	-
40 - 44	1,128	373	436	212	74	20	11	2	-	-	-
45 - 49	53	21	16	12	4	-	-	-	-	-	-
50 - 54	2	1	1	-	-	-	-	-	-	-	-
>= 55	1	1	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Malays										
Total	7,879	2,920	2,400	1,383	657	281	139	54	33	12	-
Under 15	2	2	-	-	-	-	-	-	-	-	-
15 - 19	164	128	34	1	1	-	-	-	-	-	-
20 - 24	709	407	188	81	25	5	3	-	-	-	-
25 - 29	3,026	1,533	923	334	141	56	22	9	6	2	-
30 - 34	2,602	642	941	626	243	82	47	10	7	4	-
35 - 39	1,149	187	265	292	202	110	51	24	14	4	-
40 - 44	215	17	48	46	44	27	16	11	5	1	-
45 - 49	11	3	1	3	1	1	-	-	1	1	-
50 - 54	1	1	-	-	-	-	-	-	-	-	-
>= 55	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Indians										
Total	3,767	1,737	1,441	401	121	44	12	6	2	3	-
Under 15	-	-	-	-	-	-	-	-	-	-	-
15 - 19	27	24	2	-	1	-	-	-	-	-	-
20 - 24	208	140	52	11	4	1	-	-	-	-	-
25 - 29	953	608	244	67	25	6	2	1	-	-	-
30 - 34	1,612	692	682	173	40	19	3	2	1	-	-
35 - 39	837	241	418	122	38	12	4	-	-	2	-
40 - 44	123	29	42	27	12	5	3	3	1	1	-
45 - 49	7	3	1	1	1	1	-	-	-	-	-
50 - 54	-	-	-	-	-	-	-	-	-	-	-
>= 55	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Others										
Total	4,518	2,219	1,583	543	133	23	11	5	1	-	-
Under 15	-	-	-	-	-	-	-	-	-	-	-
15 - 19	9	9	-	-	-	-	-	-	-	-	-
20 - 24	198	145	42	10	1	-	-	-	-	-	-
25 - 29	822	507	235	62	13	3	2	-	-	-	-
30 - 34	1,764	938	615	161	38	9	2	1	-	-	-
35 - 39	1,395	515	568	238	59	7	5	3	-	-	-
40 - 44	321	99	122	71	22	3	2	1	1	-	-
45 - 49	8	6	1	1	-	-	-	-	-	-	-
50 - 54	1	-	-	-	-	1	-	-	-	-	-
>= 55	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

**Table 21**  
**LIVE - BIRTHS BY OCCUPATION OF MOTHER AND BIRTH ORDER, 2019**

Occupation of Mother	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Unknown
Total	39,279	18,553	13,885	4,721	1,381	432	184	72	36	15	-
<i>Working</i>	29,732	14,826	10,550	3,294	761	205	58	25	12	1	-
Legislators, Senior Officials & Managers	1,722	855	635	184	41	5	2	-	-	-	-
Professionals	12,180	6,420	4,358	1,162	199	32	6	3	-	-	-
Technicians & Associate Professionals	6,727	3,360	2,509	681	134	32	8	2	1	-	-
Clerical Workers	1,948	798	694	307	103	29	6	6	4	1	-
Service Workers, Shop & Market Sales Workers	3,096	1,405	1,019	458	138	54	17	4	1	-	-
Agricultural & Fishery Workers	8	3	1	2	-	1	-	1	-	-	-
Production Craftsmen & Related Workers	60	24	19	11	5	1	-	-	-	-	-
Plant & Machine Operators & Assemblers	23	9	8	3	2	-	-	1	-	-	-
Cleaners, Labourers & Related Workers	36	11	7	8	6	1	2	-	1	-	-
Workers Not Classifiable by Occupation	3,932	1,941	1,300	478	133	50	17	8	5	-	-
<i>Not Working</i>	9,547	3,727	3,335	1,427	620	227	126	47	24	14	-



**Table 22**  
**LIVE - BIRTHS BY NATIONALITY OF FATHER AND MOTHER, 2019**

Nationality of Father	Total	Nationality of Mother										
		Singaporean	Other Nationalities (PR and Foreigners)									
			Malaysian	Indonesian	Other ASEAN Countries	Indian, Pakistani, Bangladeshi & Sri Lankan	PRC National	Japanese	Australian	British	American	Others
<b>Total</b>	39,279	26,628	2,579	1,015	2,231	1,660	2,585	339	266	365	229	1,382
<b>Singaporean</b>	29,520	23,304	1,966	544	1,461	194	1,668	57	25	23	34	244
<b>Other Nationalities (PR and Foreigners)</b>												
Malaysian	2,021	1,350	513	27	37	3	59	6	3	4	2	17
Indonesian	549	144	10	361	7	1	13	2	1	1	4	5
Other ASEAN Countries	644	88	3	6	530	-	5	-	-	1	4	7
Indian, Pakistani, Bangladeshi & Sri Lankan	1,763	261	6	4	21	1,420	9	3	3	4	3	29
PRC National	1,188	464	5	1	5	-	706	1	1	1	1	3
Japanese	267	31	1	1	1	-	5	221	1	1	-	5
Australian	365	72	8	3	17	9	15	4	174	19	3	41
British	579	119	3	11	31	10	15	15	34	258	17	66
American	326	90	5	8	22	4	12	10	3	7	131	34
Others	2,057	705	59	49	99	19	78	20	21	46	30	931

**Table 23**  
**LIVE - BIRTHS BY EDUCATIONAL QUALIFICATION,**  
**ETHNIC GROUP OF MOTHER AND BIRTH ORDER, 2019**

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										
	39,279	18,553	13,885	4,721	1,381	432	184	72	36	15	-
	495	152	171	94	31	19	20	4	2	2	-
	1,564	645	376	252	145	73	40	16	12	5	-
	4,575	1,559	1,415	858	432	186	74	29	16	6	-
	9,695	4,441	3,427	1,290	384	96	34	16	5	2	-
	22,948	11,756	8,494	2,227	389	58	16	7	1	-	-
2	-	2	-	-	-	-	-	-	-	-	
Total No Qualification Primary Secondary Post Secondary University Unknown	Chinese										
	23,115	11,677	8,461	2,394	470	84	22	7	-	-	-
	130	42	51	32	5	-	-	-	-	-	-
	492	231	137	78	32	10	3	1	-	-	-
	1,669	689	567	279	97	27	7	3	-	-	-
	5,106	2,481	1,915	570	114	22	3	1	-	-	-
	15,718	8,234	5,791	1,435	222	25	9	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	
Total No Qualification Primary Secondary Post Secondary University Unknown	Malays										
	7,879	2,920	2,400	1,383	657	281	139	54	33	12	-
	127	28	26	22	13	16	15	3	2	2	-
	677	252	122	110	84	50	31	13	11	4	-
	2,238	610	650	468	275	130	61	24	16	4	-
	3,188	1,318	1,015	538	210	63	27	11	4	2	-
	1,648	712	586	245	75	22	5	3	-	-	-
1	-	1	-	-	-	-	-	-	-	-	
Total No Qualification Primary Secondary Post Secondary University Unknown	Indians										
	3,767	1,737	1,441	401	121	44	12	6	2	3	-
	30	7	9	8	1	2	2	1	-	-	-
	113	38	20	25	17	6	4	1	1	1	-
	443	153	138	80	42	23	4	1	-	2	-
	748	339	269	91	35	8	2	3	1	-	-
	2,433	1,200	1,005	197	26	5	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	
Total No Qualification Primary Secondary Post Secondary University Unknown	Others										
	4,518	2,219	1,583	543	133	23	11	5	1	-	-
	208	75	85	32	12	1	3	-	-	-	-
	282	124	97	39	12	7	2	1	-	-	-
	225	107	60	31	18	6	2	1	-	-	-
	653	303	228	91	25	3	2	1	-	-	-
	3,149	1,610	1,112	350	66	6	2	2	1	-	-
1	-	1	-	-	-	-	-	-	-	-	

**Table 24**  
**LIVE - BIRTHS BY AGE GROUP, ETHNIC GROUP**  
**AND EDUCATIONAL QUALIFICATION OF MOTHER, 2019**

Age Group of Mother (years)	Total	Educational Qualification of Mother					
		No Qualification	Primary	Secondary	Post Secondary	University	Unknown
	Total						
Total	39,279	495	1,564	4,575	9,695	22,948	2,057
Under 15	3	-	3	-	-	-	-
15 - 19	277	7	108	150	12	-	-
20 - 24	1,645	44	234	619	608	139	1,057
25 - 29	9,459	127	459	1,413	3,105	4,355	-
30 - 34	16,571	160	415	1,365	3,600	11,031	-
35 - 39	9,453	116	259	826	1,974	6,277	1,057
40 - 44	1,787	38	84	193	378	1,094	-
45 - 49	79	2	2	8	18	49	-
50 - 54	4	1	-	-	-	3	-
>= 55	1	-	-	1	-	-	-
Unknown	-	-	-	-	-	-	-
	Chinese						
Total	23,115	130	492	1,669	5,106	15,718	-
Under 15	1	-	1	-	-	-	-
15 - 19	77	2	26	46	3	-	-
20 - 24	530	6	55	183	232	54	-
25 - 29	4,658	38	135	444	1,199	2,842	-
30 - 34	10,593	38	140	535	2,057	7,823	-
35 - 39	6,072	31	97	359	1,339	4,246	-
40 - 44	1,128	14	36	97	265	716	-
45 - 49	53	1	2	4	11	35	-
50 - 54	2	-	-	-	-	2	-
>= 55	1	-	-	1	-	-	-
Unknown	-	-	-	-	-	-	-
	Malays						
Total	7,879	127	677	2,238	3,188	1,648	1,057
Under 15	2	-	2	-	-	-	-
15 - 19	164	2	74	81	7	-	-
20 - 24	709	10	118	327	232	22	-
25 - 29	3,026	16	202	750	1,437	621	-
30 - 34	2,602	39	153	652	1,057	701	-
35 - 39	1,149	43	106	355	387	257	1,057
40 - 44	215	15	22	69	65	44	-
45 - 49	11	1	-	4	3	3	-
50 - 54	1	1	-	-	-	-	-
>= 55	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
	Indians						
Total	3,767	30	113	443	748	2,433	-
Under 15	-	-	-	-	-	-	-
15 - 19	27	2	6	17	2	-	-
20 - 24	208	5	23	73	69	38	-
25 - 29	953	3	34	144	279	493	-
30 - 34	1,612	8	24	119	264	1,197	-
35 - 39	837	10	16	74	110	627	-
40 - 44	123	2	10	16	21	74	-
45 - 49	7	-	-	-	3	4	-
50 - 54	-	-	-	-	-	-	-
>= 55	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
	Others						
Total	4,518	208	282	225	653	3,149	1,057
Under 15	-	-	-	-	-	-	-
15 - 19	9	1	2	6	-	-	-
20 - 24	198	23	38	36	75	25	1,057
25 - 29	822	70	88	75	190	399	-
30 - 34	1,764	75	98	59	222	1,310	-
35 - 39	1,395	32	40	38	138	1,147	-
40 - 44	321	7	16	11	27	260	-
45 - 49	8	-	-	-	1	7	-
50 - 54	1	-	-	-	-	1	-
>= 55	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-

**Table 25**  
**MOTHERS BY AGE GROUP AND TYPE OF BIRTH, 2019**

Age Group of Mother (years)	Total Number of Mothers	Type of Birth					
		Single-births	Twins		Triplets	Quadruplets	Unknown
			2 Live-births	1 Live-birth & 1 Still-birth	3 Live-births	4 Live-births	
Total	38,750	38,228	511	2	9	-	-
Under 15	3	3	-	-	-	-	-
15 - 19	277	277	-	-	-	-	-
20 - 24	1,636	1,627	9	-	-	-	-
25 - 29	9,364	9,271	91	-	2	-	-
30 - 34	16,365	16,162	198	1	4	-	-
35 - 39	9,277	9,103	170	1	3	-	-
40 - 44	1,749	1,711	38	-	-	-	-
45 - 49	74	69	5	-	-	-	-
50 - 54	4	4	-	-	-	-	-
>= 55	1	1	-	-	-	-	-
Unknown	-	-	-	-	-	-	-

**Table 26**  
**LIVE - BIRTHS BY BIRTH WEIGHT, AGE GROUP OF MOTHER**  
**AND SEX OF CHILD, 2019**

AND SEX OF CHILD, 2010												
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	>= 55	Un-known
Total	Total											
	39,279	3	277	1,645	9,459	16,571	9,453	1,787	79	4	1	-
	103	-	1	4	13	43	36	6	-	-	-	-
	174	-	-	4	34	58	61	16	1	-	-	-
	563	-	4	23	120	219	159	34	3	1	-	-
	2,773	1	47	171	685	1,063	647	149	9	-	1	-
	13,147	1	119	606	3,240	5,487	3,102	561	30	1	-	-
	16,884	1	95	693	4,109	7,261	3,972	726	26	1	-	-
	5,068	-	10	129	1,166	2,191	1,310	251	10	1	-	-
	527	-	1	13	85	237	151	40	-	-	-	-
	39	-	-	1	7	12	15	4	-	-	-	-
	1	-	-	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	Males	Males										
19,918		1	135	827	4,865	8,331	4,796	924	35	3	1	-
51		-	1	4	5	19	19	3	-	-	-	-
93		-	-	2	17	31	35	8	-	-	-	-
276		-	2	10	62	108	73	18	2	1	-	-
1,209		-	16	83	287	469	287	63	3	-	1	-
5,954		1	52	265	1,518	2,448	1,384	272	13	1	-	-
8,978		-	59	378	2,229	3,794	2,130	377	11	-	-	-
2,985		-	4	73	695	1,288	765	153	6	1	-	-
346		-	1	10	47	165	95	28	-	-	-	-
25		-	-	1	5	9	8	2	-	-	-	-
1		-	-	1	-	-	-	-	-	-	-	-
-		-	-	-	-	-	-	-	-	-	-	-
Females		Females										
	19,361	2	142	818	4,594	8,240	4,657	863	44	1	-	-
	52	-	-	-	8	24	17	3	-	-	-	-
	81	-	-	2	17	27	26	8	1	-	-	-
	287	-	2	13	58	111	86	16	1	-	-	-
	1,564	1	31	88	398	594	360	86	6	-	-	-
	7,193	-	67	341	1,722	3,039	1,718	289	17	-	-	-
	7,906	1	36	315	1,880	3,467	1,842	349	15	1	-	-
	2,083	-	6	56	471	903	545	98	4	-	-	-
	181	-	-	3	38	72	56	12	-	-	-	-
	14	-	-	-	2	3	7	2	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-

**Table 27**  
**LIVE - BIRTHS (SINGLE BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT**  
**AND SEX OF CHILD, 2019**

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	38,228	84	133	395	2,311	12,830	16,842	5,066	527	40	-
Under 28	79	62	16	1	-	-	-	-	-	-	-
28	30	11	19	-	-	-	-	-	-	-	-
29	34	5	25	4	-	-	-	-	-	-	-
30	39	4	19	15	1	-	-	-	-	-	-
31	58	2	18	35	3	-	-	-	-	-	-
32	85	-	15	49	19	2	-	-	-	-	-
33	142	-	9	60	66	7	-	-	-	-	-
34	239	-	10	68	134	23	4	-	-	-	-
35	481	-	1	51	218	181	27	2	1	-	-
36	1,333	-	1	50	398	671	187	22	3	1	-
37	5,419	-	-	50	728	2,622	1,708	281	28	2	-
38	12,780	-	-	10	534	4,966	5,734	1,398	129	9	-
39	11,586	-	-	1	179	3,245	6,047	1,918	184	12	-
40	5,459	-	-	1	31	1,063	2,928	1,280	146	10	-
41	437	-	-	-	-	47	199	152	34	5	-
42 & over	27	-	-	-	-	3	8	13	2	1	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Males										
Total	19,417	40	74	210	1,002	5,784	8,952	2,983	346	26	-
Under 28	42	30	11	1	-	-	-	-	-	-	-
28	14	6	8	-	-	-	-	-	-	-	-
29	19	2	16	1	-	-	-	-	-	-	-
30	26	1	12	12	1	-	-	-	-	-	-
31	37	1	11	23	2	-	-	-	-	-	-
32	43	-	4	25	13	1	-	-	-	-	-
33	88	-	6	37	42	3	-	-	-	-	-
34	137	-	6	34	80	15	2	-	-	-	-
35	279	-	-	28	118	116	15	1	1	-	-
36	723	-	-	26	181	377	121	15	3	-	-
37	2,859	-	-	20	299	1,330	1,005	184	19	2	-
38	6,675	-	-	3	198	2,243	3,264	876	88	3	-
39	5,640	-	-	-	58	1,283	3,067	1,098	125	9	-
40	2,629	-	-	-	10	402	1,396	727	87	7	-
41	197	-	-	-	-	14	82	75	22	4	-
42 & over	9	-	-	-	-	-	-	7	1	1	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Females										
Total	18,811	44	59	185	1,309	7,046	7,890	2,083	181	14	-
Under 28	37	32	5	-	-	-	-	-	-	-	-
28	16	5	11	-	-	-	-	-	-	-	-
29	15	3	9	3	-	-	-	-	-	-	-
30	13	3	7	3	-	-	-	-	-	-	-
31	21	1	7	12	1	-	-	-	-	-	-
32	42	-	11	24	6	1	-	-	-	-	-
33	54	-	3	23	24	4	-	-	-	-	-
34	102	-	4	34	54	8	2	-	-	-	-
35	202	-	1	23	100	65	12	1	-	-	-
36	610	-	1	24	217	294	66	7	-	1	-
37	2,560	-	-	30	429	1,292	703	97	9	-	-
38	6,105	-	-	7	336	2,723	2,470	522	41	6	-
39	5,946	-	-	1	121	1,962	2,980	820	59	3	-
40	2,830	-	-	1	21	661	1,532	553	59	3	-
41	240	-	-	-	-	33	117	77	12	1	-
42 & over	18	-	-	-	-	3	8	6	1	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

**Table 28**  
**LIVE - BIRTHS (TWIN BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT**  
**AND SEX OF CHILD, 2019**

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	1,024	16	37	158	453	316	42	2	-	-	-
Under 28	14	14	-	-	-	-	-	-	-	-	-
28	4	-	3	1	-	-	-	-	-	-	-
29	16	1	11	4	-	-	-	-	-	-	-
30	16	1	10	5	-	-	-	-	-	-	-
31	20	-	5	14	1	-	-	-	-	-	-
32	16	-	2	12	2	-	-	-	-	-	-
33	32	-	-	22	10	-	-	-	-	-	-
34	92	-	4	39	42	7	-	-	-	-	-
35	128	-	1	32	78	17	-	-	-	-	-
36	282	-	1	18	165	86	12	-	-	-	-
37	326	-	-	11	133	160	21	1	-	-	-
38	68	-	-	-	22	37	8	1	-	-	-
39	8	-	-	-	-	7	1	-	-	-	-
40	2	-	-	-	-	2	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Males										
Total	486	9	15	64	200	170	26	2	-	-	-
Under 28	7	7	-	-	-	-	-	-	-	-	-
28	1	-	1	-	-	-	-	-	-	-	-
29	10	1	5	4	-	-	-	-	-	-	-
30	8	1	4	3	-	-	-	-	-	-	-
31	5	-	2	3	-	-	-	-	-	-	-
32	3	-	-	3	-	-	-	-	-	-	-
33	18	-	-	11	7	-	-	-	-	-	-
34	48	-	2	18	23	5	-	-	-	-	-
35	66	-	1	14	42	9	-	-	-	-	-
36	127	-	-	6	68	46	7	-	-	-	-
37	160	-	-	2	54	89	14	1	-	-	-
38	29	-	-	-	6	18	4	1	-	-	-
39	4	-	-	-	-	3	1	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
	Females										
Total	538	7	22	94	253	146	16	-	-	-	-
Under 28	7	7	-	-	-	-	-	-	-	-	-
28	3	-	2	1	-	-	-	-	-	-	-
29	6	-	6	-	-	-	-	-	-	-	-
30	8	-	6	2	-	-	-	-	-	-	-
31	15	-	3	11	1	-	-	-	-	-	-
32	13	-	2	9	2	-	-	-	-	-	-
33	14	-	-	11	3	-	-	-	-	-	-
34	44	-	2	21	19	2	-	-	-	-	-
35	62	-	-	18	36	8	-	-	-	-	-
36	155	-	1	12	97	40	5	-	-	-	-
37	166	-	-	9	79	71	7	-	-	-	-
38	39	-	-	-	16	19	4	-	-	-	-
39	4	-	-	-	-	4	-	-	-	-	-
40	2	-	-	-	-	2	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

**Table 29**  
**STILL - BIRTHS BY ETHNIC GROUP OF MOTHER AND SEX OF CHILD,**  
**JANUARY - DECEMBER, 2019**

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	73	36	37	21	20	8	10	-	2	7	5
January	6	3	3	2	2	1	1	-	-	-	-
February	3	1	2	1	-	-	1	-	-	-	1
March	4	2	2	1	1	1	-	-	-	-	1
April	6	3	3	1	2	1	1	-	-	1	-
May	4	2	2	1	2	1	-	-	-	-	-
June	9	1	8	-	4	-	4	-	-	1	-
July	9	6	3	2	-	2	2	-	-	2	1
August	3	1	2	-	-	1	-	-	1	-	1
September	7	6	1	3	1	1	-	-	-	2	-
October	5	3	2	3	2	-	-	-	-	-	-
November	10	5	5	5	4	-	1	-	-	-	-
December	7	3	4	2	2	-	-	-	1	1	1

**Table 30**  
**STILL - BIRTHS BY ATTENDANT AT BIRTH,**  
**ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2019**

Attendant at Birth	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	73	36	37	21	20	8	10	-	2	7	5
Doctor in Public Sector Hospitals	34	12	22	8	11	3	7	-	-	1	4
Doctor in Private Sector Hospitals	30	18	12	12	9	-	1	-	1	6	1
Midwife or Nurse in Public Sector Hospitals	9	6	3	1	-	5	2	-	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, 2019**

Place of Occurrence	Total	Chinese	Malays	Indians	Others
Total	73	41	18	2	12
Public Sector Hospitals	43	20	17	1	5
Private Sector Hospitals	30	21	1	1	7
Residence	-	-	-	-	-
Other Locations	-	-	-	-	-

**Table 32**  
**STILL - BIRTHS BY BIRTH WEIGHT,**  
**AGE GROUP OF MOTHER AND SEX OF CHILD, 2019**

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	73	36	37	-	-	1	-	1	1	10	8	13	14	9	10	2	4	-	-	-	-
Under 1,000	9	4	5	-	-	1	-	1	-	-	-	-	3	2	2	-	-	-	-	-	-
1,000-1,499	20	9	11	-	-	-	-	-	-	3	2	2	5	3	3	1	1	-	-	-	-
1,500-1,999	12	7	5	-	-	-	-	-	1	1	2	5	1	1	1	-	-	-	-	-	-
2,000-2,499	11	4	7	-	-	-	-	-	-	1	1	2	2	-	3	1	1	-	-	-	-
2,500-2,999	15	10	5	-	-	-	-	-	-	4	-	4	3	2	1	-	1	-	-	-	-
3,000-3,499	5	2	3	-	-	-	-	-	-	1	3	-	-	1	-	-	-	-	-	-	-
3,500-3,999	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
4,000 & over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 33**  
**STILL - BIRTHS BY PERIOD OF GESTATION, BIRTH WEIGHT**  
**AND SEX OF CHILD, 2019**

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	73	9	20	12	11	15	5	1	-	-
28	5	3	2	-	-	-	-	-	-	-
29	7	2	5	-	-	-	-	-	-	-
30	9	2	5	1	-	1	-	-	-	-
31	3	1	2	-	-	-	-	-	-	-
32	5	-	2	3	-	-	-	-	-	-
33	1	-	-	1	-	-	-	-	-	-
34	5	-	1	2	2	-	-	-	-	-
35	3	-	-	1	1	1	-	-	-	-
36	13	-	2	3	4	4	-	-	-	-
37	6	-	1	1	2	2	-	-	-	-
38	14	1	-	-	1	7	4	1	-	-
39	-	-	-	-	-	-	-	-	-	-
40	2	-	-	-	1	-	1	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-
	Males									
Total	36	4	9	7	4	10	2	-	-	-
28	2	2	-	-	-	-	-	-	-	-
29	3	-	3	-	-	-	-	-	-	-
30	8	2	4	1	-	1	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-
32	4	-	2	2	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-	-	-
34	1	-	-	1	-	-	-	-	-	-
35	3	-	-	1	1	1	-	-	-	-
36	5	-	-	1	3	1	-	-	-	-
37	2	-	-	1	-	1	-	-	-	-
38	7	-	-	-	-	6	1	-	-	-
39	-	-	-	-	-	-	-	-	-	-
40	1	-	-	-	-	-	1	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-
	Females									
Total	37	5	11	5	7	5	3	1	-	-
28	3	1	2	-	-	-	-	-	-	-
29	4	2	2	-	-	-	-	-	-	-
30	1	-	1	-	-	-	-	-	-	-
31	3	1	2	-	-	-	-	-	-	-
32	1	-	-	1	-	-	-	-	-	-
33	1	-	-	1	-	-	-	-	-	-
34	4	-	1	1	2	-	-	-	-	-
35	-	-	-	-	-	-	-	-	-	-
36	8	-	2	2	1	3	-	-	-	-
37	4	-	1	-	2	1	-	-	-	-
38	7	1	-	-	1	1	3	1	-	-
39	-	-	-	-	-	-	-	-	-	-
40	1	-	-	-	1	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-

**Table 34**  
**DEATHS BY ETHNIC GROUP AND SEX,**  
**JANUARY - DECEMBER 2019**

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	21,446	11,653	9,793	8,737	7,446	1,594	1,467	1,036	674	286	206
January	1,847	1,028	819	785	634	130	105	90	62	23	18
February	1,631	875	756	646	584	133	103	74	59	22	10
March	1,837	1,002	835	748	641	144	120	87	57	23	17
April	1,765	959	806	706	622	131	122	94	52	28	10
May	1,767	929	838	699	629	121	133	93	59	16	17
June	1,735	956	779	718	580	118	126	92	56	28	17
July	1,804	945	859	692	656	136	126	82	55	35	22
August	1,824	1,006	818	778	607	134	134	71	60	23	17
September	1,703	928	775	717	583	124	107	64	63	23	22
October	1,833	1,000	833	743	621	153	139	81	55	23	18
November	1,767	957	810	713	627	118	118	104	46	22	19
December	1,933	1,068	865	792	662	152	134	104	50	20	19

**Table 35**  
**DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2019**

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	21,446	16,183	3,061	1,710	492
Public Sector Hospitals	12,751	9,506	1,847	1,137	261
Private Sector Hospitals	589	419	54	63	53
Nursing Homes & Clinics	357	311	22	19	5
Public & Charitable Institutions	1,327	1,103	144	60	20
Licensed Sick Receiving Houses	1,026	901	63	47	15
Residence	4,913	3,631	885	302	95
Other Locations	483	312	46	82	43

**Table 36**  
**INFANT DEATHS BY ETHNIC GROUP AND SEX,**  
**JANUARY - DECEMBER 2019**

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	75	39	36	14	18	16	11	7	4	2	3
January	8	4	4	-	3	1	-	3	-	-	1
February	6	5	1	2	-	1	1	1	-	1	-
March	6	2	4	-	2	-	-	2	2	-	-
April	5	3	2	1	1	1	1	1	-	-	-
May	8	5	3	3	-	2	3	-	-	-	-
June	4	2	2	-	2	2	-	-	-	-	-
July	7	4	3	1	1	3	2	-	-	-	-
August	7	3	4	1	3	1	1	-	-	1	-
September	7	1	6	1	4	-	1	-	1	-	-
October	8	5	3	3	-	2	2	-	-	-	1
November	6	3	3	1	2	2	-	-	-	-	1
December	3	2	1	1	-	1	-	-	1	-	-

**Table 37**  
**INFANT DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2019**

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	75	32	27	11	5
Public Sector Hospitals	69	29	26	11	3
Private Sector Hospitals	2	-	-	-	2
Nursing Homes & Clinics	1	-	1	-	-
Residence	3	3	-	-	-
Other Locations	-	-	-	-	-

**Table 38**  
**INFANT DEATHS BY AGE, ETHNIC GROUP AND SEX, 2019**

Age	Total			Chinese		Malays		Indians		Others	
	Total	M	F	M	F	M	F	M	F	M	F
Total Infant Deaths	75	39	36	14	18	16	11	7	4	2	3
Under 28 days ( <i>Neo-Natal Deaths</i> )	31	14	17	6	7	5	4	2	4	1	2
<i>Under 1 day</i>	16	4	12	1	6	2	2	1	2	-	2
<i>1 day and under 2 days</i>	2	2	-	2	-	-	-	-	-	-	-
<i>2 days and under 3 days</i>	2	1	1	-	-	1	-	-	1	-	-
<i>3 days and under 4 days</i>	2	-	2	-	-	-	2	-	-	-	-
<i>4 days and under 5 days</i>	-	-	-	-	-	-	-	-	-	-	-
<i>5 days and under 6 days</i>	-	-	-	-	-	-	-	-	-	-	-
<i>6 days and under 7 days</i>	2	1	1	-	-	1	-	-	1	-	-
<i>7 days and under 14 days</i>	3	3	-	2	-	-	-	1	-	-	-
<i>14 days and under 21 days</i>	1	1	-	-	-	-	-	-	-	1	-
<i>21 days and under 28 days</i>	3	2	1	1	1	1	-	-	-	-	-
28 days and under 2 months	14	8	6	-	3	5	2	3	-	-	1
2 months and under 3 months	2	2	-	2	-	-	-	-	-	-	-
3 months and under 4 months	4	2	2	-	1	2	1	-	-	-	-
4 months and under 5 months	6	3	3	1	2	1	1	1	-	-	-
5 months and under 6 months	3	1	2	-	2	1	-	-	-	-	-
6 months and under 7 months	6	4	2	2	-	-	2	1	-	1	-
7 months and under 8 months	2	1	1	1	1	-	-	-	-	-	-
8 months and under 9 months	1	1	-	1	-	-	-	-	-	-	-
9 months and under 10 months	2	1	1	-	1	1	-	-	-	-	-
10 months and under 11 months	1	1	-	1	-	-	-	-	-	-	-
11 months and under 1 year	3	1	2	-	1	1	1	-	-	-	-

**Table 39**  
**DEATHS BY AGE GROUP, ETHNIC GROUP & SEX, 2019**

Age Group (years)	Total			Chinese		Malays		Indians		Others	
	Total	M	F	M	F	M	F	M	F	M	F
Total	21,446	11,653	9,793	8,737	7,446	1,594	1,467	1,036	674	286	206
Under 1	75	39	36	14	18	16	11	7	4	2	3
1 & under 2	6	3	3	2	2	1	1	-	-	-	-
2 & under 3	8	4	4	2	3	2	1	-	-	-	-
3 & under 4	12	4	8	1	2	-	4	3	1	-	1
4 & under 5	3	2	1	-	1	-	-	-	-	2	-
5 - 9	19	8	11	3	5	3	1	1	4	1	1
10 - 14	9	6	3	4	2	-	-	1	1	1	-
15 - 19	48	24	24	12	14	7	2	4	2	1	6
20 - 24	85	61	24	32	13	14	7	13	1	2	3
25 - 29	125	82	43	38	18	8	12	32	7	4	6
30 - 34	178	117	61	52	29	20	14	35	9	10	9
35 - 39	211	139	72	70	37	22	17	35	9	12	9
40 - 44	293	189	104	106	66	35	24	32	6	16	8
45 - 49	466	304	162	178	92	47	39	60	18	19	13
50 - 54	723	443	280	275	165	86	77	62	31	20	7
55 - 59	1,192	739	453	465	298	159	95	90	47	25	13
60 - 64	1,732	1,115	617	748	405	198	139	138	62	31	11
65 - 69	2,099	1,349	750	1,001	532	206	142	110	61	32	15
70 - 74	2,398	1,492	906	1,178	651	182	175	112	65	20	15
75 - 79	2,663	1,527	1,136	1,260	885	168	164	76	75	23	12
80 - 84	3,174	1,704	1,470	1,399	1,124	196	213	85	110	24	23
85 & over	5,927	2,302	3,625	1,897	3,084	224	329	140	161	41	51
Unknown	-	-	-	-	-	-	-	-	-	-	-

**Table 40**  
**DEATHS BY AGE GROUP, MARITAL STATUS AND SEX, 2019**

Age Group (years)	Total	Single	Married	Widowed	Divorced	Unknown
Total	Total					
	21,446	2,029	8,466	3,462	655	6,834
	Under 15	132	132	-	-	-
	15 - 19	48	46	-	-	2
	20 - 29	210	157	24	7	22
	30 - 39	389	140	173	12	63
	40 - 49	759	175	348	56	173
	50 - 59	1,915	336	882	31	542
	60 - 69	3,831	445	1,806	167	1,195
	70 - 79	5,061	322	2,304	582	1,695
	80 & over	9,101	276	2,929	80	3,142
	Unknown	-	-	-	-	-
Males	Males					
	11,653	1,277	5,500	780	422	3,674
	Under 15	66	66	-	-	-
	15 - 19	24	23	-	-	1
	20 - 29	143	116	12	2	13
	30 - 39	256	96	116	6	38
	40 - 49	493	116	233	2	105
	50 - 59	1,182	220	545	8	338
	60 - 69	2,464	300	1,189	63	763
	70 - 79	3,019	200	1,553	153	1,001
	80 & over	4,006	140	1,852	45	1,415
	Unknown	-	-	-	-	-
Females	Females					
	9,793	752	2,966	2,682	233	3,160
	Under 15	66	66	-	-	-
	15 - 19	24	23	-	-	1
	20 - 29	67	41	12	5	9
	30 - 39	133	44	57	1	25
	40 - 49	266	59	115	5	68
	50 - 59	733	116	337	23	204
	60 - 69	1,367	145	617	104	432
	70 - 79	2,042	122	751	429	694
	80 & over	5,095	136	1,077	2,120	1,727
	Unknown	-	-	-	-	-

**Table 41**  
**DEATHS BY AGE GROUP, OCCUPATION AND SEX, 2019**

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
<b>Total</b>										
Total	21,446	88	176	141	68	315	5	404	39	20,210
Under 15	132	-	-	-	-	-	-	-	-	132
15 - 19	48	-	-	-	1	1	-	-	-	46
20 - 29	210	1	11	11	6	31	-	40	3	107
30 - 39	389	15	30	24	7	43	1	75	5	189
40 - 49	759	31	51	39	16	39	-	86	5	492
50 - 59	1,915	29	45	47	23	87	1	98	11	1,574
60 - 69	3,831	12	32	14	12	96	3	78	12	3,572
70 - 79	5,061	-	7	6	3	18	-	27	3	4,997
80 & over	9,101	-	-	-	-	-	-	-	-	9,101
Unknown	-	-	-	-	-	-	-	-	-	-
<b>Males</b>										
Total	11,653	70	119	113	28	252	4	341	32	10,694
Under 15	66	-	-	-	-	-	-	-	-	66
15 - 19	24	-	-	-	1	1	-	-	-	22
20 - 29	143	1	6	9	2	20	-	34	3	68
30 - 39	256	13	20	20	2	30	1	57	3	110
40 - 49	493	23	33	31	7	31	-	75	5	288
50 - 59	1,182	22	28	36	11	71	-	88	7	919
60 - 69	2,464	11	26	11	4	83	3	65	11	2,250
70 - 79	3,019	-	6	6	1	16	-	22	3	2,965
80 & over	4,006	-	-	-	-	-	-	-	-	4,006
Unknown	-	-	-	-	-	-	-	-	-	-
<b>Females</b>										
Total	9,793	18	57	28	40	63	1	63	7	9,516
Under 15	66	-	-	-	-	-	-	-	-	66
15 - 19	24	-	-	-	-	-	-	-	-	24
20 - 29	67	-	5	2	4	11	-	6	-	39
30 - 39	133	2	10	4	5	13	-	18	2	79
40 - 49	266	8	18	8	9	8	-	11	-	204
50 - 59	733	7	17	11	12	16	1	10	4	655
60 - 69	1,367	1	6	3	8	13	-	13	1	1,322
70 - 79	2,042	-	1	-	2	2	-	5	-	2,032
80 & over	5,095	-	-	-	-	-	-	-	-	5,095
Unknown	-	-	-	-	-	-	-	-	-	-



**Table 42**  
**DEATHS BY CAUSE AND TYPE OF CERTIFICATION, 2019**

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
	<b>All Causes</b>		<b>21,446</b>	<b>20,509</b>	<b>937</b>
<b>1-001</b>	<b>Certain infectious and parasitic diseases</b>	<b>A00-B99</b>	<b>239</b>	<b>239</b>	<b>-</b>
1-002	Cholera	A00	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	A09	16	16	-
1-004	Other intestinal infectious diseases	A01-A08	9	9	-
1-005	Respiratory tuberculosis	A15-A16	18	18	-
1-006	Other tuberculosis	A17-19	2	2	-
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	134	134	-
1-013	Infections with a predominantly sexual mode of transmission	A50-64	-	-	-
1-014	Acute poliomyelitis	A80	-	-	-
1-015	Rabies	A82	-	-	-
1-016	Yellow fever	A95	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	A90-A94,A96-A99	22	22	-
1-018	Measles	B05	-	-	-
1-019	Viral hepatitis	B15-B19	5	5	-
1-020	Human immunodeficiency virus [HIV] disease	B20-B24	11	11	-
1-021	Malaria	B50-B54	1	1	-
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	21	21	-
<b>1-026</b>	<b>Neoplasms</b>	<b>C00-D48</b>	<b>6,253</b>	<b>6,253</b>	<b>-</b>
1-027	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	217	217	-
1-028	Malignant neoplasm of oesophagus	C15	99	99	-
1-029	Malignant neoplasm of stomach	C16	311	311	-
1-030	Malignant neoplasm of colon, rectum and anus	C18-C21	893	893	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	C22	561	561	-
1-032	Malignant neoplasm of pancreas	C25	415	415	-
1-033	Malignant neoplasm of larynx	C32	36	36	-
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	1,202	1,202	-
1-035	Malignant melanoma of skin	C43	24	24	-
1-036	Malignant neoplasm of breast	C50	445	445	-
1-037	Malignant neoplasm of cervix uteri	C53	52	52	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	C54-C55	119	119	-
1-039	Malignant neoplasm of ovary	C56	153	153	-
1-040	Malignant neoplasm of prostate	C61	246	246	-
1-041	Malignant neoplasm of bladder	C67	94	94	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	C70-C72	102	102	-
1-043	Non-Hodgkin's lymphoma	C82-C85	223	223	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	C90	65	65	-
1-045	Leukaemia	C91-C95	177	177	-
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	663	663	-
1-047	Remainder of neoplasms	D00-D48	156	156	-

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, 2019**

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
<b>1-048</b>	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>D50-D89</b>	<b>14</b>	<b>14</b>	<b>-</b>
1-049	Anaemias	D50-D64	5	5	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	9	9	-
<b>1-051</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>E00-E88</b>	<b>270</b>	<b>270</b>	<b>-</b>
1-052	Diabetes mellitus	E10-E14	263	263	-
1-053	Malnutrition	E40-E46	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	E00-E07,E15-E34,E50-E88	7	7	-
<b>1-055</b>	<b>Mental and behavioural disorders</b>	<b>F01-F99</b>	<b>2</b>	<b>2</b>	<b>-</b>
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	2	2	-
<b>1-058</b>	<b>Diseases of the nervous system</b>	<b>G00-G98</b>	<b>181</b>	<b>181</b>	<b>-</b>
1-059	Meningitis	G00,G03	5	5	-
1-060	Alzheimer's disease	G30	4	4	-
1-061	Remainder of diseases of the nervous system	G04-G25,G31-G98	172	172	-
<b>1-062</b>	<b>Diseases of the eye and adnexa</b>	<b>H00-H57</b>	<b>1</b>	<b>1</b>	<b>-</b>
<b>1-063</b>	<b>Diseases of the ear and mastoid process</b>	<b>H60-H93</b>	<b>1</b>	<b>1</b>	<b>-</b>
<b>1-064</b>	<b>Diseases of the circulatory system</b>	<b>I00-I99</b>	<b>6,556</b>	<b>6,556</b>	<b>-</b>
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	19	19	-
1-066	Hypertensive diseases	I10-I13	559	559	-
1-067	Ischaemic heart diseases	I20-I25	4,026	4,026	-
1-068	Other heart diseases	I26-I51	419	419	-
1-069	Cerebrovascular diseases	I60-I69	1,253	1,253	-
1-070	Atherosclerosis	I70	34	34	-
1-071	Remainder of diseases of the circulatory system	I71-I99	246	246	-
<b>1-072</b>	<b>Diseases of the respiratory system</b>	<b>J00-J98</b>	<b>4,952</b>	<b>4,952</b>	<b>-</b>
1-073	Influenza	J09-J11	7	7	-
1-074	Pneumonia	J12-J18	4,435	4,435	-
1-075	Other acute lower respiratory infections	J20-J22	6	6	-
1-076	Chronic lower respiratory diseases	J40-J47	377	377	-
1-077	Remainder of diseases of the respiratory system	J00-J06,J30-J39,J60-J98	127	127	-
<b>1-078</b>	<b>Diseases of the digestive system</b>	<b>K00-K92</b>	<b>566</b>	<b>566</b>	<b>-</b>
1-079	Gastric and duodenal ulcer	K25-K27	54	54	-
1-080	Diseases of the liver	K70-K76	198	198	-
1-081	Remainder of diseases of the digestive system	K00-K22,K28-K66,K80-K92	314	314	-
<b>1-082</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>L00-L98</b>	<b>117</b>	<b>117</b>	<b>-</b>
<b>1-083</b>	<b>Diseases of the musculoskeletal system and connective tissue</b>	<b>M00-M99</b>	<b>93</b>	<b>93</b>	<b>-</b>
<b>1-084</b>	<b>Diseases of the genitourinary system</b>	<b>N00-N98</b>	<b>1,182</b>	<b>1,182</b>	<b>-</b>
1-085	Glomerular and renal tubulo-interstitial diseases	N00-N15	16	16	-
1-086	Remainder of diseases of the genitourinary system	N17-N98	1,166	1,166	-
<b>1-087</b>	<b>Pregnancy, childbirth and the puerperium</b>	<b>O00-O99</b>	<b>1</b>	<b>1</b>	<b>-</b>
1-088	Pregnancy with abortive outcome	O00-O07	-	-	-
1-089	Other direct obstetric deaths	O10-O92	1	1	-
1-090	Indirect obstetric deaths	O98-O99	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	O95-O97	-	-	-
<b>1-092</b>	<b>Certain conditions originating in the perinatal period</b>	<b>P00-P96</b>	<b>31</b>	<b>31</b>	<b>-</b>
<b>1-093</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>Q00-Q99</b>	<b>37</b>	<b>37</b>	<b>-</b>
<b>1-094</b>	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>R00-R99</b>	<b>94</b>	<b>13</b>	<b>81</b>
<b>1-095</b>	<b>External causes of morbidity and mortality</b>	<b>V01-Y89</b>	<b>856</b>	<b>-</b>	<b>856</b>
1-096	Transport accidents	V01-V99	133	-	133
1-097	Falls	W00-W19	165	-	165
1-098	Accidental drowning and submersion	W65-W74	19	-	19
1-099	Exposure to smoke, fire and flames	X00-X09	4	-	4
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	28	-	28
1-101	Intentional self-harm	X60-X84	400	-	400
1-102	Assault	X85-Y09	13	-	13
1-103	All other external causes	W20-W64,W75-W99,X10-X39,X50-X59,Y10-Y89	94	-	94

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, 2017 - 2019**

Listing	Description of Cause of Death	Deaths			Death Rates		
		2017	2018	2019	2017	2018	2019
		Number			Per 100,000 Residents		
	<u>All Causes</u>	20,905	21,282	21,446	498.34	503.09	503.90
<b>1-001</b>	<b>Certain infectious and parasitic diseases</b>	<b>189</b>	<b>199</b>	<b>239</b>	<b>4.39</b>	<b>4.71</b>	<b>5.64</b>
1-002	Cholera	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	36	16	16	0.88	0.38	0.35
1-004	Other intestinal infectious diseases	4	13	9	0.10	0.25	0.20
1-005	Respiratory tuberculosis	22	25	18	0.48	0.60	0.45
1-006	Other tuberculosis	10	3	2	0.25	0.08	0.02
1-007	Plague	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-
1-009	Diphtheria	1	-	-	-	-	-
1-010	Whooping cough	1	-	-	0.03	-	-
1-011	Meningococcal infection	-	-	-	-	-	-
1-012	Septicaemia	44	89	134	1.03	2.18	3.20
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	2	5	22	-	0.13	0.52
1-018	Measles	-	-	-	-	-	-
1-019	Viral hepatitis	2	5	5	0.05	0.13	0.12
1-020	Human immunodeficiency virus [HIV] disease	31	18	11	0.76	0.40	0.27
1-021	Malaria	-	-	1	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	36	24	21	0.81	0.55	0.50
<b>1-026</b>	<b>Neoplasms</b>	<b>6,237</b>	<b>6,243</b>	<b>6,253</b>	<b>149.58</b>	<b>149.76</b>	<b>148.18</b>
1-027	Malignant neoplasm of lip, oral cavity and pharynx	214	206	217	5.14	4.98	5.19
1-028	Malignant neoplasm of oesophagus	93	104	99	2.19	2.43	2.31
1-029	Malignant neoplasm of stomach	319	319	311	7.69	7.51	7.30
1-030	Malignant neoplasm of colon, rectum and anus	896	939	893	21.84	22.98	21.68
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	623	621	561	14.95	15.00	13.19
1-032	Malignant neoplasm of pancreas	379	430	415	9.18	10.44	9.76
1-033	Malignant neoplasm of larynx	18	31	36	0.45	0.73	0.84
1-034	Malignant neoplasm of trachea, bronchus and lung	1,245	1,268	1,202	30.26	30.44	28.69
1-035	Malignant melanoma of skin	12	18	24	0.28	0.43	0.55
1-036	Malignant neoplasm of breast	480	493	445	11.55	11.74	10.56
1-037	Malignant neoplasm of cervix uteri	73	65	52	1.82	1.58	1.19
1-038	Malignant neoplasm of other and unspecified parts of uterus	114	98	119	2.70	2.43	2.88
1-039	Malignant neoplasm of ovary	140	128	153	3.35	3.03	3.68
1-040	Malignant neoplasm of prostate	186	224	246	4.46	5.53	5.84
1-041	Malignant neoplasm of bladder	80	88	94	1.92	2.08	2.21
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	79	110	102	1.77	2.68	2.48
1-043	Non-Hodgkin's lymphoma	195	174	223	4.39	4.06	5.04
1-044	Multiple myeloma and malignant plasma cell neoplasms	51	58	65	1.11	1.43	1.56
1-045	Leukaemia	194	157	177	4.36	3.35	3.65
1-046	Remainder of malignant neoplasms	686	601	663	16.34	14.30	15.90
1-047	Remainder of neoplasms	160	111	156	3.83	2.63	3.68

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, 2017 - 2019**

Listing	Description of Cause of Death	Deaths			Death Rates		
		2017	2018	2019	2017	2018	2019
		Number			Per 100,000 Residents		
<b>1-048</b>	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>17</b>	<b>25</b>	<b>14</b>	<b>0.40</b>	<b>0.53</b>	<b>0.27</b>
1-049	Anaemias	8	13	5	0.18	0.28	0.10
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	9	12	9	0.23	0.25	0.17
<b>1-051</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>340</b>	<b>296</b>	<b>270</b>	<b>8.50</b>	<b>7.24</b>	<b>6.51</b>
1-052	Diabetes mellitus	321	281	263	8.02	6.88	6.36
1-053	Malnutrition	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	19	15	7	0.48	0.35	0.15
<b>1-055</b>	<b>Mental and behavioural disorders</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0.03</b>	<b>0.08</b>	<b>0.05</b>
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	1	3	2	0.03	0.08	0.05
<b>1-058</b>	<b>Diseases of the nervous system</b>	<b>183</b>	<b>211</b>	<b>181</b>	<b>4.31</b>	<b>4.96</b>	<b>4.17</b>
1-059	Meningitis	1	3	5	0.03	0.08	0.10
1-060	Alzheimer's disease	5	24	4	0.13	0.55	0.07
1-061	Remainder of diseases of the nervous system	177	184	172	4.16	4.33	4.00
<b>1-062</b>	<b>Diseases of the eye and adnexa</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>0.03</b>	<b>0.02</b>
<b>1-063</b>	<b>Diseases of the ear and mastoid process</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0.05</b>	<b>0.08</b>	<b>0.02</b>
<b>1-064</b>	<b>Diseases of the circulatory system</b>	<b>6,541</b>	<b>6,457</b>	<b>6,556</b>	<b>154.45</b>	<b>150.82</b>	<b>152.40</b>
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	22	25	19	0.50	0.58	0.47
1-066	Hypertensive diseases	712	632	559	16.52	14.82	12.99
1-067	Ischaemic heart diseases	3,860	3,862	4,026	91.48	90.23	93.56
1-068	Other heart diseases	376	420	419	8.60	9.39	9.51
1-069	Cerebrovascular diseases	1,310	1,277	1,253	31.09	30.14	29.31
1-070	Atherosclerosis	41	28	34	1.03	0.70	0.84
1-071	Remainder of diseases of the circulatory system	220	213	246	5.22	4.96	5.71
<b>1-072</b>	<b>Diseases of the respiratory system</b>	<b>4,757</b>	<b>4,909</b>	<b>4,952</b>	<b>116.09</b>	<b>118.77</b>	<b>119.37</b>
1-073	Influenza	4	7	7	0.10	0.13	0.12
1-074	Pneumonia	4,212	4,380	4,435	103.13	106.25	106.92
1-075	Other acute lower respiratory infections	1	3	6	0.03	0.05	0.15
1-076	Chronic lower respiratory diseases	430	394	377	10.26	9.39	9.12
1-077	Remainder of diseases of the respiratory system	110	125	127	2.57	2.95	3.05
<b>1-078</b>	<b>Diseases of the digestive system</b>	<b>485</b>	<b>518</b>	<b>566</b>	<b>11.65</b>	<b>12.19</b>	<b>13.41</b>
1-079	Gastric and duodenal ulcer	43	38	54	1.06	0.95	1.29
1-080	Diseases of the liver	176	182	198	4.21	4.23	4.57
1-081	Remainder of diseases of the digestive system	266	298	314	6.38	7.01	7.55
<b>1-082</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>113</b>	<b>132</b>	<b>117</b>	<b>2.80</b>	<b>3.15</b>	<b>2.83</b>
<b>1-083</b>	<b>Diseases of the musculoskeletal system and connective tissue</b>	<b>87</b>	<b>108</b>	<b>93</b>	<b>2.07</b>	<b>2.65</b>	<b>2.19</b>
<b>1-084</b>	<b>Diseases of the genitourinary system</b>	<b>925</b>	<b>1,092</b>	<b>1,182</b>	<b>22.52</b>	<b>26.44</b>	<b>28.61</b>
1-085	Glomerular and renal tubulo-interstitial diseases	16	34	16	0.40	0.75	0.37
1-086	Remainder of diseases of the genitourinary system	909	1,058	1,166	22.11	25.69	28.24
<b>1-087</b>	<b>Pregnancy, childbirth and the puerperium</b>	<b>-</b>	<b>4</b>	<b>1</b>	<b>-</b>	<b>0.08</b>	<b>-</b>
1-088	Pregnancy with abortive outcome	-	1	-	-	0.03	-
1-089	Other direct obstetric deaths	-	3	1	-	0.05	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-
<b>1-092</b>	<b>Certain conditions originating in the perinatal period</b>	<b>39</b>	<b>35</b>	<b>31</b>	<b>0.86</b>	<b>0.73</b>	<b>0.52</b>
<b>1-093</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>49</b>	<b>61</b>	<b>37</b>	<b>1.06</b>	<b>1.30</b>	<b>0.89</b>
<b>1-094</b>	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>100</b>	<b>76</b>	<b>94</b>	<b>2.04</b>	<b>1.50</b>	<b>1.96</b>
<b>1-095</b>	<b>External causes of morbidity and mortality</b>	<b>840</b>	<b>909</b>	<b>856</b>	<b>17.55</b>	<b>18.10</b>	<b>16.84</b>
1-096	Transport accidents	141	140	133	2.82	2.35	2.29
1-097	Falls	142	195	165	3.30	4.18	3.60
1-098	Accidental drowning and submersion	15	27	19	0.28	0.38	0.27
1-099	Exposure to smoke, fire and flames	4	6	4	0.08	0.13	0.07
1-100	Accidental poisoning by and exposure to noxious substances	16	30	28	0.40	0.65	0.62
1-101	Intentional self-harm	361	397	400	7.74	8.36	8.00
1-102	Assault	16	4	13	0.35	0.03	0.27
1-103	All other external causes	145	110	94	2.57	2.03	1.71

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, 2019**

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
	<b>All Causes</b>	<b>11,653</b>	<b>14</b>	<b>25</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>30</b>	<b>143</b>	<b>256</b>	<b>493</b>	<b>1,182</b>	<b>1,115</b>	<b>1,349</b>	<b>1,492</b>	<b>1,527</b>	<b>1,704</b>	<b>2,302</b>	<b>-</b>
<b>1-001</b>	<b>Certain infectious and parasitic diseases</b>	<b>122</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>7</b>	<b>12</b>	<b>5</b>	<b>15</b>	<b>14</b>	<b>19</b>	<b>14</b>	<b>27</b>	<b>-</b>
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	7	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	-
1-004	Other intestinal infectious diseases	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-
1-005	Respiratory tuberculosis	14	-	-	-	-	-	-	-	-	-	1	1	1	1	1	3	2	1	3	-
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	55	-	-	-	1	-	-	-	-	-	-	2	3	1	5	6	9	9	19	-
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	15	-	-	-	-	-	-	-	-	-	-	2	1	1	2	3	3	2	1	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	9	-	-	-	-	-	-	-	-	-	1	1	4	1	2	-	-	-	-	-
1-021	Malaria	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	14	-	-	-	2	-	-	-	1	-	-	1	2	1	2	1	1	1	2	-

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, 2019**

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
<b>1-026</b>	<b>Neoplasms</b>	<b>3,389</b>	-	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>13</b>	<b>30</b>	<b>128</b>	<b>377</b>	<b>423</b>	<b>487</b>	<b>523</b>	<b>504</b>	<b>482</b>	<b>413</b>	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	158	-	-	-	-	-	-	-	-	-	2	12	35	27	22	30	10	14	6	-
1-028	Malignant neoplasm of oesophagus	88	-	-	-	-	-	-	-	-	-	1	3	15	5	15	18	15	8	8	-
1-029	Malignant neoplasm of stomach	192	-	-	-	-	-	-	-	-	-	2	6	15	13	24	25	37	33	37	-
1-030	Malignant neoplasm of colon, rectum and anus	456	-	-	-	-	-	-	-	-	1	4	24	53	69	66	67	51	65	56	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	402	-	-	-	-	-	-	-	-	-	2	8	60	53	79	56	55	50	39	-
1-032	Malignant neoplasm of pancreas	221	-	-	-	-	-	-	-	-	-	-	8	28	30	37	34	29	28	27	-
1-033	Malignant neoplasm of larynx	33	-	-	-	-	-	-	-	-	-	1	-	2	3	4	5	6	4	8	-
1-034	Malignant neoplasm of trachea, bronchus and lung	767	-	-	-	-	-	-	-	-	-	1	21	72	93	131	124	118	121	86	-
1-035	Malignant melanoma of skin	10	-	-	-	-	-	-	-	-	-	-	2	1	1	-	2	2	1	1	-
1-036	Malignant neoplasm of breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	246	-	-	-	-	-	-	-	-	-	-	-	5	19	20	45	54	53	50	-
1-041	Malignant neoplasm of bladder	64	-	-	-	-	-	-	-	-	-	-	1	3	11	3	7	11	12	16	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	58	-	-	-	-	1	-	1	1	2	2	12	17	5	4	4	3	3	3	-
1-043	Non-Hodgkin's lymphoma	138	-	-	-	-	-	-	-	1	3	6	9	8	12	21	23	26	18	11	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	32	-	-	-	-	-	-	-	-	-	-	2	2	5	6	7	3	4	3	-
1-045	Leukaemia	92	-	1	-	-	-	-	-	-	3	4	6	9	13	11	11	13	11	10	-
1-046	Remainder of malignant neoplasms	344	-	1	1	1	-	1	-	-	3	5	12	41	53	38	47	60	40	41	-
1-047	Remainder of neoplasms	88	-	-	-	-	-	-	-	-	1	-	2	11	11	6	18	11	17	11	-
<b>1-048</b>	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>5</b>	-	-	-	-	-	-	-	-	-	-	-	<b>1</b>	-	<b>1</b>	-	<b>2</b>	-	<b>1</b>	-
1-049	Anaemias	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-

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**Table 44**  
**MALE DEATHS BY CAUSE AND AGE GROUP, 2019**

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
<b>1-051</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>121</b>	-	-	-	-	1	-	-	2	-	2	6	18	9	16	22	16	14	15	-
1-052	Diabetes mellitus	115	-	-	-	-	1	-	-	-	-	2	6	17	8	15	22	16	13	15	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	6	-	-	-	-	-	-	-	2	-	-	-	1	1	1	-	-	1	-	-
<b>1-055</b>	<b>Mental and behavioural disorders</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-058</b>	<b>Diseases of the nervous system</b>	<b>110</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>9</b>	<b>11</b>	<b>13</b>	<b>16</b>	<b>19</b>	<b>14</b>	<b>-</b>
1-059	Meningitis	4	-	-	-	-	-	-	-	-	-	1	1	-	2	-	-	-	-	-	-
1-060	Alzheimer's disease	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
1-061	Remainder of diseases of the nervous system	104	-	-	1	-	-	1	1	3	4	4	3	9	7	11	13	16	18	13	-
<b>1-062</b>	<b>Diseases of the eye and adnexa</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>1-063</b>	<b>Diseases of the ear and mastoid process</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>1-064</b>	<b>Diseases of the circulatory system</b>	<b>3,735</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>84</b>	<b>221</b>	<b>488</b>	<b>390</b>	<b>482</b>	<b>498</b>	<b>450</b>	<b>498</b>	<b>606</b>	<b>-</b>
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	6	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	2	-
1-066	Hypertensive diseases	324	-	-	-	-	-	-	-	-	-	7	26	49	32	47	37	35	35	56	-
1-067	Ischaemic heart diseases	2,489	-	-	-	-	-	-	-	-	5	38	134	345	281	332	335	300	326	393	-
1-068	Other heart diseases	202	-	2	-	-	-	-	-	-	6	19	14	21	13	25	24	16	33	29	-
1-069	Cerebrovascular diseases.	570	-	-	-	-	-	-	-	-	4	16	37	57	54	66	72	77	73	114	-
1-070	Atherosclerosis	17	-	-	-	-	-	-	-	-	-	-	-	1	3	1	5	3	4	-	-
1-071	Remainder of diseases of the circulatory system	127	-	-	-	-	-	-	-	-	1	3	10	15	7	11	24	17	27	12	-
<b>1-072</b>	<b>Diseases of the respiratory system</b>	<b>2,633</b>	<b>-</b>	<b>2</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>17</b>	<b>19</b>	<b>112</b>	<b>147</b>	<b>212</b>	<b>255</b>	<b>384</b>	<b>488</b>	<b>982</b>	<b>-</b>
1-073	Influenza	2	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
1-074	Pneumonia	2,275	-	2	-	-	-	-	-	3	7	15	15	87	113	169	198	336	433	897	-
1-075	Other acute lower respiratory infections	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-
1-076	Chronic lower respiratory diseases	284	-	-	-	-	-	-	1	-	1	2	3	19	28	29	48	37	45	71	-
1-077	Remainder of diseases of the respiratory system	68	-	-	1	-	-	-	-	-	1	-	1	5	6	13	9	10	10	12	-

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<b>1-078</b>	<b>Diseases of the digestive system</b>	<b>296</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>18</b>	<b>32</b>	<b>27</b>	<b>29</b>	<b>36</b>	<b>35</b>	<b>44</b>	<b>69</b>	<b>-</b>
1-079	Gastric and duodenal ulcer	33	-	-	-	-	-	-	-	-	-	-	3	1	5	4	1	4	5	10	-
1-080	Diseases of the liver	110	-	-	-	-	-	-	-	-	-	4	10	19	14	13	16	11	15	8	-
1-081	Remainder of diseases of the digestive system	153	1	-	-	-	-	-	-	-	-	1	5	12	8	12	19	20	24	51	-
<b>1-082</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>37</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>7</b>	<b>2</b>	<b>11</b>	<b>-</b>
<b>1-083</b>	<b>Diseases of the musculoskeletal system and connective tissue</b>	<b>37</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>-</b>
<b>1-084</b>	<b>Diseases of the genitourinary system</b>	<b>476</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>32</b>	<b>39</b>	<b>51</b>	<b>58</b>	<b>51</b>	<b>96</b>	<b>137</b>	<b>-</b>
1-085	Glomerular and renal tubulo-interstitial diseases	10	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3	2	2	-
1-086	Remainder of diseases of the genitourinary system	466	-	-	-	-	1	-	-	1	-	-	10	31	39	51	56	48	94	135	-
<b>1-087</b>	<b>Pregnancy, childbirth and the puerperium</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-092</b>	<b>Certain conditions originating in the perinatal period</b>	<b>15</b>	<b>8</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>1-093</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>23</b>	<b>4</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>1-094</b>	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>65</b>	<b>1</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>7</b>	<b>7</b>	<b>13</b>	<b>8</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>-</b>	<b>3</b>	<b>-</b>
<b>1-095</b>	<b>External causes of morbidity and mortality</b>	<b>587</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>15</b>	<b>90</b>	<b>96</b>	<b>64</b>	<b>82</b>	<b>54</b>	<b>32</b>	<b>58</b>	<b>35</b>	<b>39</b>	<b>19</b>	<b>-</b>
1-096	Transport accidents	101	-	-	-	-	-	-	-	1	24	19	7	16	9	7	11	2	3	2	-
1-097	Falls	111	-	-	-	-	-	-	1	-	7	9	4	4	8	9	24	18	18	9	-
1-098	Accidental drowning and submersion	15	-	-	-	-	1	-	-	-	2	4	1	2	-	1	3	-	-	1	-
1-099	Exposure to smoke, fire and flames	3	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	23	-	-	-	-	-	-	-	-	2	5	6	8	1	-	-	1	-	-	-
1-101	Intentional self-harm	266	-	-	-	-	-	-	-	13	48	41	37	44	32	10	15	7	14	5	-
1-102	Assault	6	-	-	-	-	-	-	1	-	1	1	-	2	1	-	-	-	-	-	-
1-103	All other external causes	62	-	-	-	-	-	-	-	1	6	17	7	6	3	5	4	7	4	2	-

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, 2019**

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
	<b>All Causes</b>	<b>9,793</b>	<b>17</b>	<b>19</b>	<b>3</b>	<b>4</b>	<b>8</b>	<b>1</b>	<b>11</b>	<b>27</b>	<b>67</b>	<b>133</b>	<b>266</b>	<b>733</b>	<b>617</b>	<b>750</b>	<b>906</b>	<b>1,136</b>	<b>1,470</b>	<b>3,625</b>	<b>-</b>
<b>1-001</b>	<b>Certain infectious and parasitic diseases</b>	<b>117</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>13</b>	<b>8</b>	<b>12</b>	<b>13</b>	<b>55</b>	<b>-</b>
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	9	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1	4	-
1-004	Other intestinal infectious diseases	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	2	-
1-005	Respiratory tuberculosis	4	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	-	-
1-006	Other tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	79	-	-	-	-	-	-	-	-	-	1	-	2	4	7	4	7	7	47	-
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	7	-	-	-	-	-	-	-	-	-	-	-	1	1	3	1	-	1	-	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	7	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	2	1	2	-

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, 2019**

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
<b>1-026</b>	<b>Neoplasms</b>	<b>2,864</b>	-	1	1	2	2	-	1	3	17	51	132	431	318	351	355	341	361	497	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	59	-	-	-	-	-	-	-	-	-	1	4	10	6	12	9	4	6	7	-
1-028	Malignant neoplasm of oesophagus	11	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	1	4	-
1-029	Malignant neoplasm of stomach	119	-	-	-	-	-	-	-	-	2	2	3	12	10	17	13	18	22	20	-
1-030	Malignant neoplasm of colon, rectum and anus	437	-	-	-	-	-	-	-	-	-	5	15	50	41	44	55	65	55	107	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	159	-	-	-	-	-	-	-	-	1	-	5	19	16	18	17	23	25	35	-
1-032	Malignant neoplasm of pancreas	194	-	-	-	-	-	-	-	-	-	-	8	25	20	26	26	32	28	29	-
1-033	Malignant neoplasm of larynx	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-
1-034	Malignant neoplasm of trachea, bronchus and lung	435	-	-	-	-	-	-	-	-	-	4	11	42	46	48	74	57	60	93	-
1-035	Malignant melanoma of skin	14	-	-	-	-	-	-	-	-	2	3	-	1	1	-	1	2	3	1	-
1-036	Malignant neoplasm of breast	445	-	-	-	-	-	-	-	-	-	8	39	119	68	51	56	27	34	43	-
1-037	Malignant neoplasm of cervix uteri	52	-	-	-	-	-	-	-	-	-	4	4	14	2	8	3	5	7	5	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	119	-	-	-	-	-	-	-	-	1	3	9	25	15	23	14	8	10	11	-
1-039	Malignant neoplasm of ovary	153	-	-	-	-	-	-	-	-	-	4	15	43	29	17	10	9	17	9	-
1-040	Malignant neoplasm of prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-041	Malignant neoplasm of bladder	30	-	-	-	-	-	-	-	-	-	-	-	1	2	4	4	7	4	8	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	44	-	-	-	-	1	-	-	1	1	4	3	4	3	4	3	5	6	9	-
1-043	Non-Hodgkin's lymphoma	85	-	-	-	-	-	-	-	-	-	-	1	6	10	9	13	15	12	19	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	33	-	-	-	-	-	-	-	-	-	-	1	3	3	8	3	6	8	1	-
1-045	Leukaemia	85	-	-	-	-	1	-	-	2	8	7	3	8	12	9	12	7	8	8	-
1-046	Remainder of malignant neoplasms	319	-	-	1	1	-	-	1	-	1	5	9	41	27	41	38	35	43	76	-
1-047	Remainder of neoplasms	68	-	1	-	1	-	-	-	-	1	1	2	8	3	9	4	14	12	12	-
<b>1-048</b>	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>9</b>	-	-	-	-	1	-	-	1	-	3	-	1	1	-	-	1	-	1	-
1-049	Anaemias	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	6	-	-	-	-	1	-	-	1	-	-	-	1	1	-	-	1	-	1	-

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, 2019**

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
<b>1-051</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>149</b>	-	-	-	-	-	-	-	1	-	1	8	6	8	14	13	32	23	43	-
1-052	Diabetes mellitus	148	-	-	-	-	-	-	-	1	-	1	8	5	8	14	13	32	23	43	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
<b>1-055</b>	<b>Mental and behavioural disorders</b>	<b>2</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
<b>1-058</b>	<b>Diseases of the nervous system</b>	<b>71</b>	-	1	-	-	1	-	1	3	4	2	4	10	2	5	4	5	12	17	-
1-059	Meningitis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
1-060	Alzheimer's disease	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
1-061	Remainder of diseases of the nervous system	68	-	1	-	-	1	-	1	3	4	2	4	10	2	5	4	5	10	16	-
<b>1-062</b>	<b>Diseases of the eye and adnexa</b>	<b>-</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-063</b>	<b>Diseases of the ear and mastoid process</b>	<b>-</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-064</b>	<b>Diseases of the circulatory system</b>	<b>2,821</b>	-	2	-	-	1	-	1	3	8	26	60	157	157	183	269	362	448	1,144	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	13	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	2	5	3	-
1-066	Hypertensive diseases	235	-	-	-	-	-	-	-	-	-	3	10	15	12	28	28	30	36	73	-
1-067	Ischaemic heart diseases	1,537	-	-	-	-	-	-	-	-	-	7	16	81	92	95	145	206	253	642	-
1-068	Other heart diseases	217	-	2	-	-	1	-	1	-	5	8	13	17	17	18	24	19	28	64	-
1-069	Cerebrovascular diseases.	683	-	-	-	-	-	-	-	2	2	7	19	39	30	37	54	96	99	298	-
1-070	Atherosclerosis	17	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	2	11	-
1-071	Remainder of diseases of the circulatory system	119	-	-	-	-	-	-	-	1	1	1	2	5	3	5	15	8	25	53	-
<b>1-072</b>	<b>Diseases of the respiratory system</b>	<b>2,319</b>	-	3	-	-	2	1	2	3	3	10	15	51	54	96	132	212	398	1,337	-
1-073	Influenza	5	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	1	-	-
1-074	Pneumonia	2,160	-	2	-	-	-	1	1	3	2	9	12	41	49	82	122	186	371	1,279	-
1-075	Other acute lower respiratory infections	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
1-076	Chronic lower respiratory diseases	93	-	-	-	-	-	-	-	-	1	-	2	6	1	7	8	15	18	35	-
1-077	Remainder of diseases of the respiratory system	59	-	1	-	-	-	-	-	-	-	1	1	4	4	7	2	10	8	21	-

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, 2019**

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
<b>1-078</b>	<b>Diseases of the digestive system</b>	<b>270</b>	-	-	1	-	1	-	1	-	-	3	6	13	14	20	28	39	41	103	-
1-079	Gastric and duodenal ulcer	21	-	-	-	-	-	-	-	-	-	-	1	2	1	2	2	1	3	9	-
1-080	Diseases of the liver	88	-	-	1	-	1	-	1	-	-	1	-	7	6	10	11	12	13	25	-
1-081	Remainder of diseases of the digestive system	161	-	-	-	-	-	-	-	-	-	2	5	4	7	8	15	26	25	69	-
<b>1-082</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>80</b>	-	-	-	-	-	-	-	-	-	-	-	1	2	1	5	9	15	47	-
<b>1-083</b>	<b>Diseases of the musculoskeletal system and connective tissue</b>	<b>56</b>	-	-	-	-	-	-	1	-	-	2	3	5	3	4	8	3	11	16	-
<b>1-084</b>	<b>Diseases of the genitourinary system</b>	<b>706</b>	1	1	-	-	-	-	-	-	1	-	5	17	23	43	57	100	132	326	-
1-085	Glomerular and renal tubulo-interstitial diseases	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	-
1-086	Remainder of diseases of the genitourinary system	700	1	1	-	-	-	-	-	-	1	-	5	17	23	43	57	98	130	324	-
<b>1-087</b>	<b>Pregnancy, childbirth and the puerperium</b>	<b>1</b>	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-088	Pregnancy with abortive outcome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-089	Other direct obstetric deaths	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-092</b>	<b>Certain conditions originating in the perinatal period</b>	<b>16</b>	<b>13</b>	<b>3</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>1-093</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>14</b>	<b>2</b>	<b>6</b>	-	-	-	-	1	-	-	1	-	-	3	-	1	-	-	-	-
<b>1-094</b>	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>29</b>	<b>1</b>	-	-	1	-	-	-	-	3	3	1	4	1	3	1	-	3	8	-
<b>1-095</b>	<b>External causes of morbidity and mortality</b>	<b>269</b>	-	2	1	-	-	-	3	13	31	29	31	31	24	17	25	20	13	29	-
1-096	Transport accidents	32	-	-	-	-	-	-	-	-	5	3	4	5	3	6	2	1	3	-	-
1-097	Falls	54	-	-	-	-	-	-	1	1	1	1	1	1	5	1	8	11	5	18	-
1-098	Accidental drowning and submersion	4	-	-	-	-	-	-	1	-	-	1	-	1	-	-	-	1	-	-	-
1-099	Exposure to smoke, fire and flames	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	5	-	-	-	-	-	-	-	-	1	1	2	-	1	-	-	-	-	-	-
1-101	Intentional self-harm	134	-	-	-	-	-	-	-	10	23	21	23	18	9	7	14	3	2	4	-
1-102	Assault	7	-	-	-	-	-	-	1	-	-	1	1	2	-	-	-	1	-	1	-
1-103	All other external causes	32	-	2	1	-	-	-	-	2	1	1	-	4	5	3	1	3	3	6	-

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, 2019**

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
	<b><u>All Causes</u></b>	<b>21,446</b>	<b>11,653</b>	<b>9,793</b>	<b>8,737</b>	<b>7,446</b>	<b>1,594</b>	<b>1,467</b>	<b>1,036</b>	<b>674</b>	<b>286</b>	<b>206</b>
<b>1-001</b>	<b>Certain infectious and parasitic diseases</b>	<b>239</b>	<b>122</b>	<b>117</b>	<b>87</b>	<b>82</b>	<b>24</b>	<b>23</b>	<b>7</b>	<b>10</b>	<b>4</b>	<b>2</b>
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	16	7	9	4	8	1	1	1	-	1	-
1-004	Other intestinal infectious diseases	9	3	6	1	4	1	2	-	-	1	-
1-005	Respiratory tuberculosis	18	14	4	9	3	5	1	-	-	-	-
1-006	Other tuberculosis	2	2	-	-	-	2	-	-	-	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	134	55	79	46	54	5	17	3	7	1	1
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	22	15	7	14	3	1	1	-	2	-	1
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	5	2	3	1	3	1	-	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	11	9	2	5	1	3	1	1	-	-	-
1-021	Malaria	1	1	-	-	-	-	-	-	-	1	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	21	14	7	7	6	5	-	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, 2019**

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>1-026</b>	<b>Neoplasms</b>	<b>6,253</b>	<b>3,389</b>	<b>2,864</b>	<b>2,748</b>	<b>2,261</b>	<b>383</b>	<b>384</b>	<b>169</b>	<b>153</b>	<b>89</b>	<b>66</b>
1-027	Malignant neoplasm of lip, oral cavity and pharynx	217	158	59	135	50	11	5	10	4	2	-
1-028	Malignant neoplasm of oesophagus	99	88	11	75	8	8	1	3	2	2	-
1-029	Malignant neoplasm of stomach	311	192	119	167	105	9	6	11	4	5	4
1-030	Malignant neoplasm of colon, rectum and anus	893	456	437	384	352	47	53	17	21	8	11
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	561	402	159	331	133	49	21	15	5	7	-
1-032	Malignant neoplasm of pancreas	415	221	194	190	159	17	22	9	9	5	4
1-033	Malignant neoplasm of larynx	36	33	3	23	3	6	-	4	-	-	-
1-034	Malignant neoplasm of trachea, bronchus and lung	1,202	767	435	620	367	100	41	28	16	19	11
1-035	Malignant melanoma of skin	24	10	14	6	10	1	3	1	1	2	-
1-036	Malignant neoplasm of breast	445	-	445	-	314	-	87	-	34	-	10
1-037	Malignant neoplasm of cervix uteri	52	-	52	-	38	-	12	-	1	-	1
1-038	Malignant neoplasm of other and unspecified parts of uterus	119	-	119	-	96	-	11	-	9	-	3
1-039	Malignant neoplasm of ovary	153	-	153	-	111	-	27	-	14	-	1
1-040	Malignant neoplasm of prostate	246	246	-	193	-	30	-	14	-	9	-
1-041	Malignant neoplasm of bladder	94	64	30	49	24	10	5	3	1	2	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	102	58	44	44	39	7	3	3	-	4	2
1-043	Non-Hodgkin's lymphoma	223	138	85	96	69	23	14	9	2	10	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	65	32	33	19	21	8	6	3	6	2	-
1-045	Leukaemia	177	92	85	73	56	9	16	7	5	3	8
1-046	Remainder of malignant neoplasms	663	344	319	279	257	36	37	21	17	8	8
1-047	Remainder of neoplasms	156	88	68	64	49	12	14	11	2	1	3
<b>1-048</b>	<b>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</b>	<b>14</b>	<b>5</b>	<b>9</b>	<b>5</b>	<b>6</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>
1-049	Anaemias	5	2	3	2	1	-	-	-	1	-	1
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	9	3	6	3	5	-	1	-	-	-	-

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**Table 46**  
**DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2019**

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>1-051</b>	<b>Endocrine, nutritional and metabolic diseases</b>	<b>270</b>	<b>121</b>	<b>149</b>	<b>79</b>	<b>89</b>	<b>19</b>	<b>49</b>	<b>21</b>	<b>11</b>	<b>2</b>	<b>-</b>
1-052	Diabetes mellitus	263	115	148	75	89	19	48	19	11	2	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	7	6	1	4	-	-	1	2	-	-	-
<b>1-055</b>	<b>Mental and behavioural disorders</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	2	-	2	-	1	-	1	-	-	-	-
<b>1-058</b>	<b>Diseases of the nervous system</b>	<b>181</b>	<b>110</b>	<b>71</b>	<b>80</b>	<b>53</b>	<b>18</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>3</b>	<b>3</b>
1-059	Meningitis	5	4	1	3	1	1	-	-	-	-	-
1-060	Alzheimer's disease	4	2	2	1	-	-	1	1	-	-	1
1-061	Remainder of diseases of the nervous system	172	104	68	76	52	17	6	8	8	3	2
<b>1-062</b>	<b>Diseases of the eye and adnexa</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>1-063</b>	<b>Diseases of the ear and mastoid process</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>1-064</b>	<b>Diseases of the circulatory system</b>	<b>6,556</b>	<b>3,735</b>	<b>2,821</b>	<b>2,571</b>	<b>2,035</b>	<b>601</b>	<b>489</b>	<b>454</b>	<b>245</b>	<b>109</b>	<b>52</b>
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	19	6	13	6	9	-	4	-	-	-	-
1-066	Hypertensive diseases	559	324	235	240	179	44	36	25	18	15	2
1-067	Ischaemic heart diseases	4,026	2,489	1,537	1,658	1,087	417	265	347	157	67	28
1-068	Other heart diseases	419	202	217	132	153	31	34	29	24	10	6
1-069	Cerebrovascular diseases.	1,253	570	683	430	498	84	135	46	35	10	15
1-070	Atherosclerosis	34	17	17	13	16	1	1	2	-	1	-
1-071	Remainder of diseases of the circulatory system	246	127	119	92	93	24	14	5	11	6	1
<b>1-072</b>	<b>Diseases of the respiratory system</b>	<b>4,952</b>	<b>2,633</b>	<b>2,319</b>	<b>2,077</b>	<b>1,852</b>	<b>343</b>	<b>292</b>	<b>175</b>	<b>138</b>	<b>38</b>	<b>37</b>
1-073	Influenza	7	2	5	1	-	1	3	-	1	-	1
1-074	Pneumonia	4,435	2,275	2,160	1,803	1,737	287	268	151	123	34	32
1-075	Other acute lower respiratory infections	6	4	2	4	2	-	-	-	-	-	-
1-076	Chronic lower respiratory diseases	377	284	93	218	67	50	16	13	7	3	3
1-077	Remainder of diseases of the respiratory system	127	68	59	51	46	5	5	11	7	1	1

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**Table 46**  
**DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2019**

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
<b>1-078</b>	<b>Diseases of the digestive system</b>	<b>566</b>	<b>296</b>	<b>270</b>	<b>225</b>	<b>198</b>	<b>36</b>	<b>42</b>	<b>30</b>	<b>23</b>	<b>5</b>	<b>7</b>
1-079	Gastric and duodenal ulcer	54	33	21	28	13	3	6	2	-	-	2
1-080	Diseases of the liver	198	110	88	77	59	9	13	19	13	5	3
1-081	Remainder of diseases of the digestive system	314	153	161	120	126	24	23	9	10	-	2
<b>1-082</b>	<b>Diseases of the skin and subcutaneous tissue</b>	<b>117</b>	<b>37</b>	<b>80</b>	<b>25</b>	<b>58</b>	<b>8</b>	<b>18</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>-</b>
<b>1-083</b>	<b>Diseases of the musculoskeletal system and connective tissue</b>	<b>93</b>	<b>37</b>	<b>56</b>	<b>25</b>	<b>43</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>4</b>	<b>-</b>	<b>1</b>
<b>1-084</b>	<b>Diseases of the genitourinary system</b>	<b>1,182</b>	<b>476</b>	<b>706</b>	<b>358</b>	<b>526</b>	<b>72</b>	<b>124</b>	<b>40</b>	<b>47</b>	<b>6</b>	<b>9</b>
1-085	Glomerular and renal tubulo-interstitial diseases	16	10	6	7	6	2	-	1	-	-	-
1-086	Remainder of diseases of the genitourinary system	1,166	466	700	351	520	70	124	39	47	6	9
<b>1-087</b>	<b>Pregnancy, childbirth and the puerperium</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>
1-088	Pregnancy with abortive outcome	-	-	-	-	-	-	-	-	-	-	-
1-089	Other direct obstetric deaths	1	-	1	-	-	-	-	-	-	-	1
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-
<b>1-092</b>	<b>Certain conditions originating in the perinatal period</b>	<b>31</b>	<b>15</b>	<b>16</b>	<b>6</b>	<b>8</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>2</b>
<b>1-093</b>	<b>Congenital malformations, deformations and chromosomal abnormalities</b>	<b>37</b>	<b>23</b>	<b>14</b>	<b>11</b>	<b>9</b>	<b>8</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>1</b>	<b>2</b>
<b>1-094</b>	<b>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</b>	<b>94</b>	<b>65</b>	<b>29</b>	<b>34</b>	<b>22</b>	<b>10</b>	<b>4</b>	<b>19</b>	<b>3</b>	<b>2</b>	<b>-</b>
<b>1-095</b>	<b>External causes of morbidity and mortality</b>	<b>856</b>	<b>587</b>	<b>269</b>	<b>405</b>	<b>203</b>	<b>57</b>	<b>19</b>	<b>99</b>	<b>24</b>	<b>26</b>	<b>23</b>
1-096	Transport accidents	133	101	32	60	21	20	2	19	5	2	4
1-097	Falls	165	111	54	84	46	8	3	16	1	3	4
1-098	Accidental drowning and submersion	19	15	4	9	2	2	-	3	-	1	2
1-099	Exposure to smoke, fire and flames	4	3	1	3	1	-	-	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	28	23	5	13	2	3	1	4	1	3	1
1-101	Intentional self-harm	400	266	134	200	101	14	9	39	14	13	10
1-102	Assault	13	6	7	4	5	-	-	1	2	1	-
1-103	All other external causes	94	62	32	32	25	10	4	17	1	3	2

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