



**REPORT
ON REGISTRATION
OF BIRTHS AND DEATHS
2022**

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

P R E F A C E

Under the Registration of Births and Deaths Act 2021 (RBDA 2021)¹, the Registry of Births and Deaths has been charged with the responsibility of registering all live births, stillbirths and deaths in Singapore.

The Report on Registration of Births and Deaths, 2022 is the 35th 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 statistics². 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, stillbirths 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 2023

¹ On 29 May 2022, the RBDA 1937 was repealed and the RBDA 2021 was enacted.

² The births and deaths statistics in this Report are based on the registrations under the RBDA 2021.

CONTENTS

SUMMARY	1
KEY INDICATORS, 2013, 2020 - 2022	2
GENERAL	3
Late Registrations	3
Re-registrations of Adopted Children	3
LIVE BIRTHS	4
Teenage Births	5
Single Parent Registration Births (SP Births)	6
Birth Order	6
First Time Mother	8
Type of Births and Period of Gestation	9
Birth Weight	10
DEATHS	11
Nationality	11
Major Causes of Death	12
Median Age at Death and Sex	13
Ethnic Group	16
Infant Mortality	18
Neonatal Mortality	18
Perinatal Mortality	18
Maternal Mortality	18
STILLBIRTHS	19
LIST OF ANNEXURES	20
Annex A Procedures for the Registration of Live Births, Deaths and Stillbirths	21
Annex B Certificate of Registration of Birth	22
Annex C Certificate of Registration of Death	23
Annex D Certificate of Registration of Stillbirth	24
EXPLANATORY NOTES	25
LIST OF TABLES	28
Population, Natural Increase, Births and Deaths	
1. Population and Vital Statistics, 2003 – 2022	29
2. Population Growth and Vital Rates, 2003 – 2022	29
3. Population by Ethnic Group, 2003 – 2022	30
4. Male Population by Ethnic Group, 2003 – 2022	30
5. Female Population by Ethnic Group, 2003 – 2022	31
6. Sex Ratio of Population by Ethnic Group, 2003 – 2022	31
7. Natural Increase by Ethnic Group, 2003 – 2022	32
8. Crude Rates of Natural Increase by Ethnic Group, 2003 – 2022	32
9. Live Births by Ethnic Group, 2003 – 2022	33
10. Crude Birth Rates by Ethnic Group, 2003 – 2022	33
11. Deaths by Ethnic Group, 2003 – 2022	34
12. Crude Death Rates by Ethnic Group, 2003 – 2022	34
13. Infant Deaths by Ethnic Group, 2003 – 2022	35

14. Infant Mortality Rates by Ethnic Group, 2003 – 2022	35
---	----

Live Births

15. Live Births by Ethnic Group of Father and Sex of Child, January – December, 2022	36
16. Live Births by Ethnic Group of Father and Mother, 2022	36
17. Live Births by Place of Occurrence and Ethnic Group of Mother, 2022	37
18. Live Births by Attendant at Birth and Ethnic Group of Mother, 2022	37
19. Live Births by Age, Ethnic Group of Mother and Sex of Child, 2022	38
20. Live Births by Age Group, Ethnic Group of Mother and Birth Order, 2022	39
21. Live Births by Occupation of Mother and Birth Order, 2022	40
22. Live Births by Nationality of Father and Mother, 2022	41
23. Live Births by Educational Qualification, Ethnic Group of Mother and Birth Order, 2022	42
24. Live Births by Age Group, Ethnic Group and Educational Qualification of Mother, 2022	43
25. Mothers by Age Group and Type of Birth, 2022	44
26. Live Births by Birth Weight, Age Group of Mother and Sex of Child, 2022	45
27. Live Births (Single Births) by Period of Gestation, Birth Weight and Sex of Child, 2022	46
28. Live Births (Twins) by Period of Gestation, Birth Weight and Sex of Child, 2022	47

Stillbirths

29. Stillbirths by Ethnic Group of Mother and Sex of Child, January – December, 2022	48
30. Stillbirths by Attendant at Birth, Ethnic Group of Mother and Sex of Child, 2022	48
31. Stillbirths by Place of Occurrence and Ethnic Group of Mother, 2022	49
32. Stillbirths by Birth Weight, Age Group of Mother and Sex of Child, 2022	49
33. Stillbirths by Period of Gestation, Birth Weight and Sex of Child, 2022	50

Deaths


34. Deaths by Ethnic Group and Sex, January – December, 2022	52
35. Deaths by Place of Occurrence and Ethnic Group, 2022	52
36. Infant Deaths by Ethnic Group and Sex, January – December, 2022	53
37. Infant Deaths by Place of Occurrence and Ethnic Group, 2022	53
38. Infant Deaths by Age, Ethnic Group and Sex, 2022	54
39. Deaths by Age Group, Ethnic Group and Sex, 2022	55
40. Deaths by Age Group, Marital Status and Sex, 2022	56
41. Deaths by Age Group, Occupation and Sex, 2022	57
42. Deaths by Cause and Type of Certification, 2022	58
43. Deaths and Death Rates by Cause, 2020 – 2022	60
44. Male Deaths by Cause and Age Group, 2022	62
45. Female Deaths by Cause and Age Group, 2022	66
46. Deaths by Cause, Ethnic Group and Sex, 2022	70

Singapore

Registration of Births and Deaths 2022

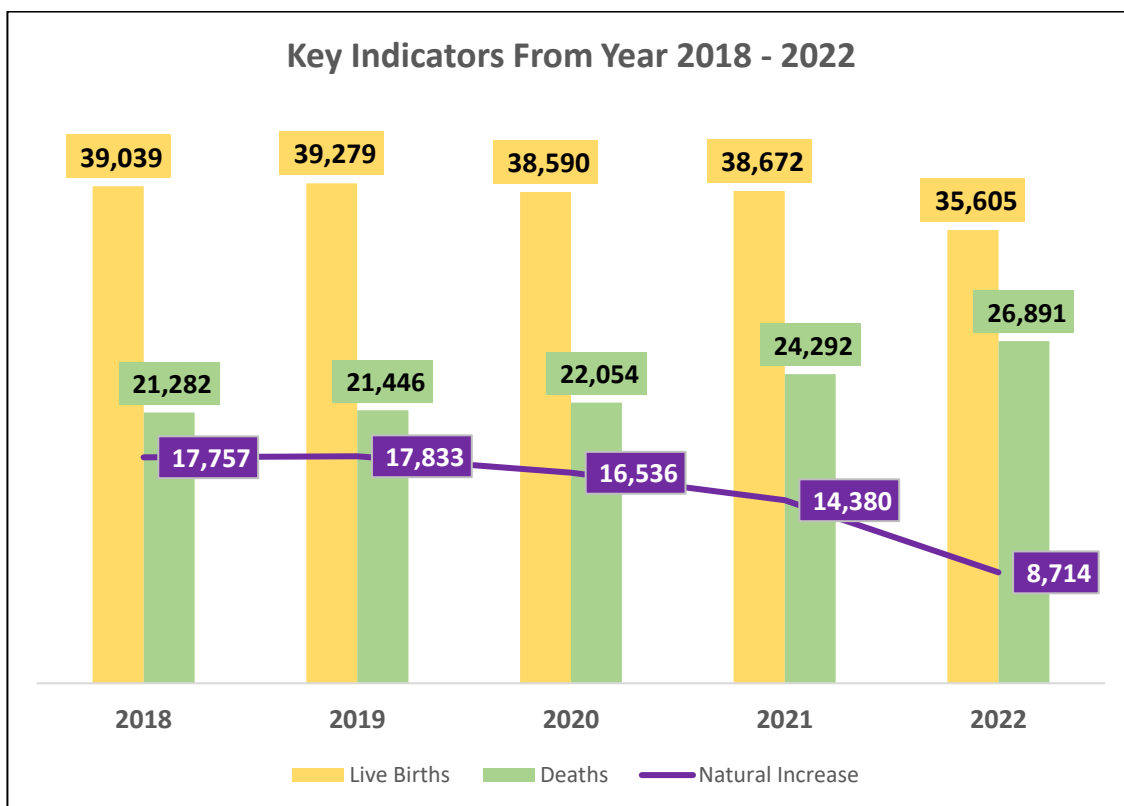
Summary

35,605 (7.9%) 
Live Births

26,891 (10.7%) 
Deaths

110
Stillbirths

In 2022, there were 35,605 occurred live births, 26,891 registered deaths, and 110 registered stillbirths. Compared to 2021, live births decreased by 7.9%, while registered deaths increased by 10.7%.



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

Key Indicators

Table I: Key Indicators

	2013		2020		2021		2022	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Natural Increase	20,782	4.6	16,536	3.3	14,380	2.7	8,714	1.6
Chinese	9,456	3.3	5,305	1.8	3,491	1.2	(311)	(0.0)
Malays	3,438	6.9	4,776	8.9	4,555	8.4	4,130	7.7
Indians	3,222	7.6	2,520	4.0	2,692	3.8	1,966	3.4
Others	4,666	18.0	3,935	11.8	3,642	10.3	2,929	9.3
Live Births	39,720	9.3	38,590	8.5	38,672	8.6	35,605	7.9
Chinese	23,890	8.2	22,012	7.2	22,002	7.3	20,073	6.5
Malays	6,067	11.7	7,814	14.2	7,852	14.4	7,958	14.3
Indians	4,648	11.0	4,385	8.3	4,723	8.7	4,071	8.3
Others	5,115	19.6	4,379	13.9	4,095	12.8	3,503	11.9
Deaths	18,938	4.6	22,054	5.2	24,292	5.8	26,891	6.3
Chinese	14,434	4.9	16,707	5.4	18,511	6.1	20,384	6.6
Malays	2,629	4.8	3,038	5.4	3,297	5.9	3,828	6.6
Indians	1,426	3.3	1,865	4.3	2,031	4.9	2,105	4.9
Others	449	1.6	444	2.1	453	2.5	574	2.5
Infant Mortality	94	2.0	71	1.8	78	1.8	69	1.8
Neonatal Mortality	52	1.1	33	0.8	51	1.1	41	1.1
Perinatal Mortality	110	2.8	103	2.7	114	2.9	140	3.9
Stillbirths	80	2.0	78	2.0	78	2.0	110	3.1

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 deaths of infants under one week of age and stillbirths. Please note the revised definition of stillbirths as outlined in explanatory notes 21. Crude perinatal mortality rate refers to the number of perinatal deaths per thousand live births and stillbirths.

Note 4: For more information, please refer to explanatory notes on page 26 - 27.

General

The Immigration & Checkpoints Authority (ICA) administers the Registration of Births and Deaths Act 2021 (RBDA 2021). On 29 May 2022, the RBDA 1937 was repealed and the RBDA 2021 was enacted. Under this Act, all live births, deaths, and stillbirths occurring within Singapore and its territorial waters are required to be reported within the stipulated period. Prior to enactment of the RBDA 2021, the Registry also registers births under the Adoption of Children Act.

2 In 2022, there were 35,605 occurred live births, 26,891 registered deaths and 134 registered stillbirths. 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 2022, there were 25 late registrations of live births. Of these, 0 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 registrations³. In 2022, there were 20 late registrations of deaths. Of these, 11 cases were registered after seven days from the date of death.

Re-registration of Adopted Children

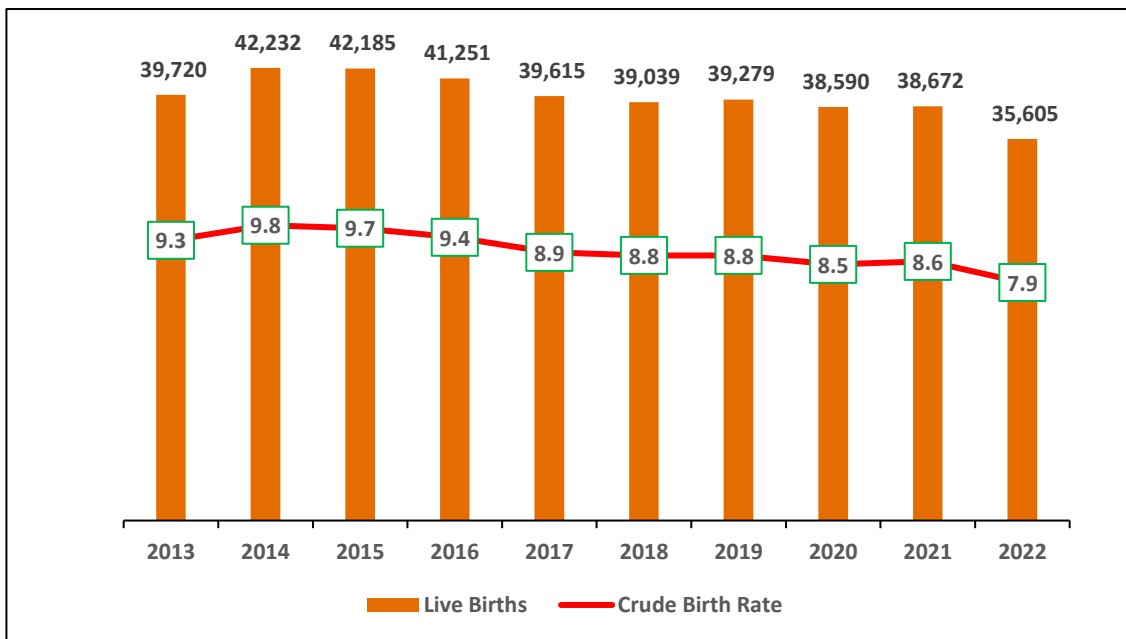
5 Under the Adoption of Children Act, the birth of a child shall be registered under the RBDA upon an Adoption Order issued by the Court. If the child's birth had previously been registered under the RBDA, the name of the child, as well as the names and other particulars of the adoptive parents, as recorded in the Adoption Order, are entered in the birth register in place of the natural or last adoptive parents of the child. In 2022, 271 children were adopted and registered/re-registered under the RBDA.

³This is applicable only for deaths registered before 29 May 2022.

Live Births

6 In 2022, there were 35,605 live births, reflecting a 7.9% decline from the previous year's count of 38,672. The crude birth rate, calculated at 7.9% per 1,000 Singapore residents, was lower than the rate observed in 2021 (Chart 1).

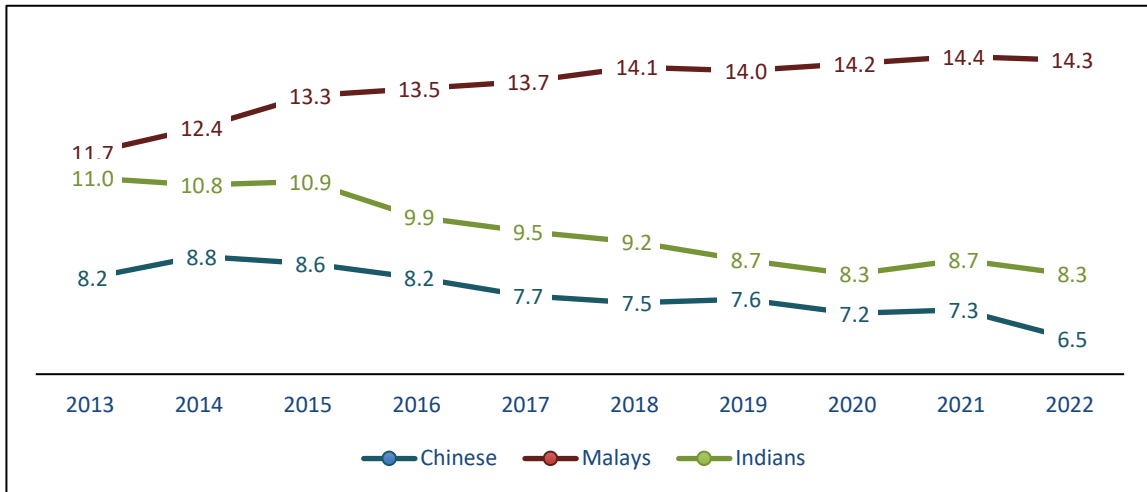
Chart 1
LIVE BIRTHS AND CRUDE BIRTH RATES, 2013 – 2022



7 Out of the total newborns in 2022, Chinese newborns accounted for 56.4% (20,073), Malays for 22.4% (7,958), Indians for 11.4% (4,071), and individuals of other races for 9.8% (3,503). In 2022, Malays had the highest birth rate, with 14.3 per 1,000 residents, followed by Indians with 8.3 per 1,000 residents. Chinese had the lowest rate at 6.5 per 1,000 residents (Chart 2).

Live Births

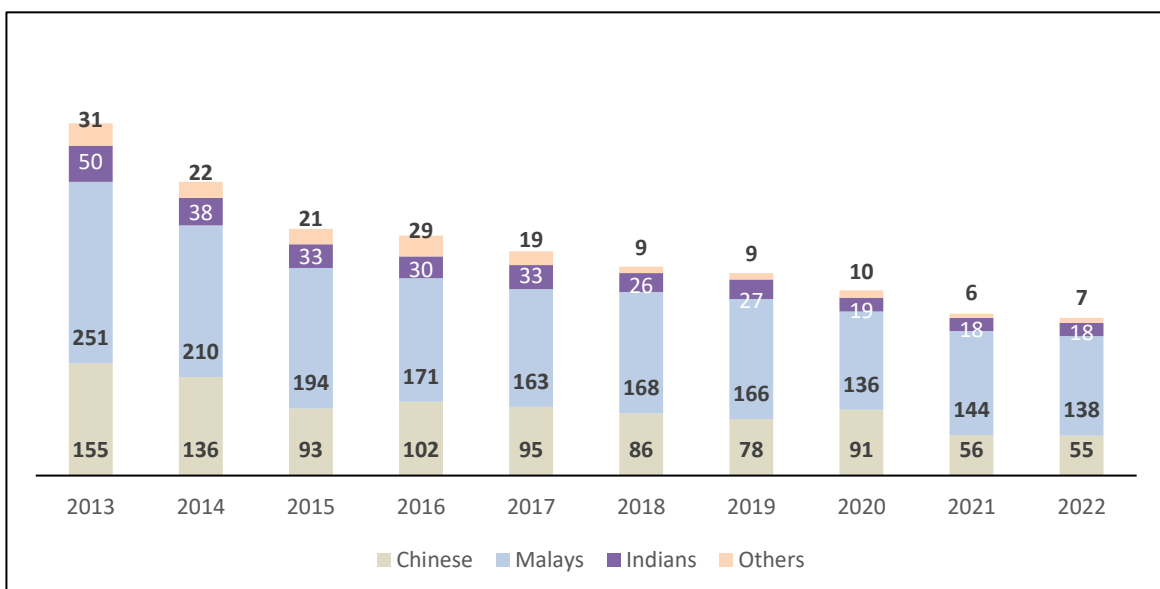
Chart 2
CRUDE BIRTH RATE BY ETHNIC GROUP, 2013 – 2022



Teenage Births

8 In 2022, the number of live births among teenagers aged 19 and below was 218, showing a slight 2.7% decrease compared to the 224 births recorded in 2021. By proportion, 25.2% of teenage births were born to Chinese, 63.3% to Malays, 8.3% to Indians and 3.2% to other ethnic groups.

Chart 3
TEENAGE BIRTHS BY ETHNIC GROUP, 2013 – 2022



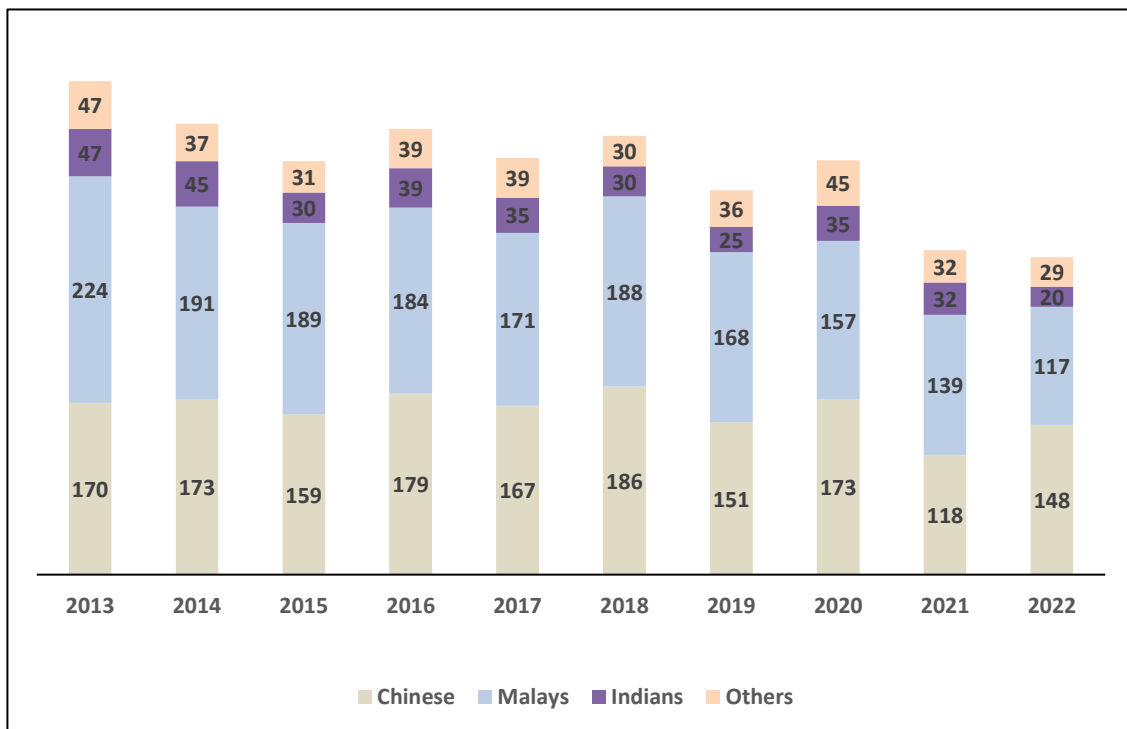
Live Births

Single-Parent Birth Registration (SP Birth)

9 In 2022, a total of 314 live births were registered without the father’s name (Chart 4). Of these 314 SP births, 65 (20.7%) births were born to teenagers aged 19 and below.

10 Chinese made up the largest proportion of SP birth in 2022. 47.1% of SP births were born to Chinese, 37.3% to Malays, 6.4% to Indians and 9.2% to other ethnic groups.

Chart 4
SP BIRTH BY ETHNIC GROUP, 2013 – 2022

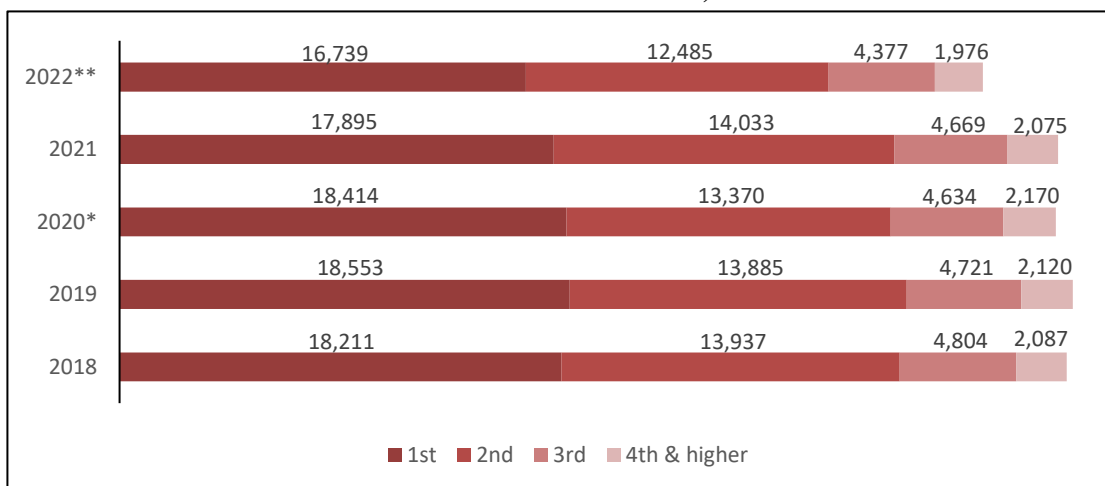


Birth Order

11 In 2022, the distribution of live births was as follows: 47.0% were 1st order births, 35.1% were 2nd order births, 12.3% were 3rd order births, and 5.5% were 4th and higher order births (Chart 5).

Live Births

Chart 5
LIVE BIRTHS BY BIRTH ORDER, 2018 – 2022**

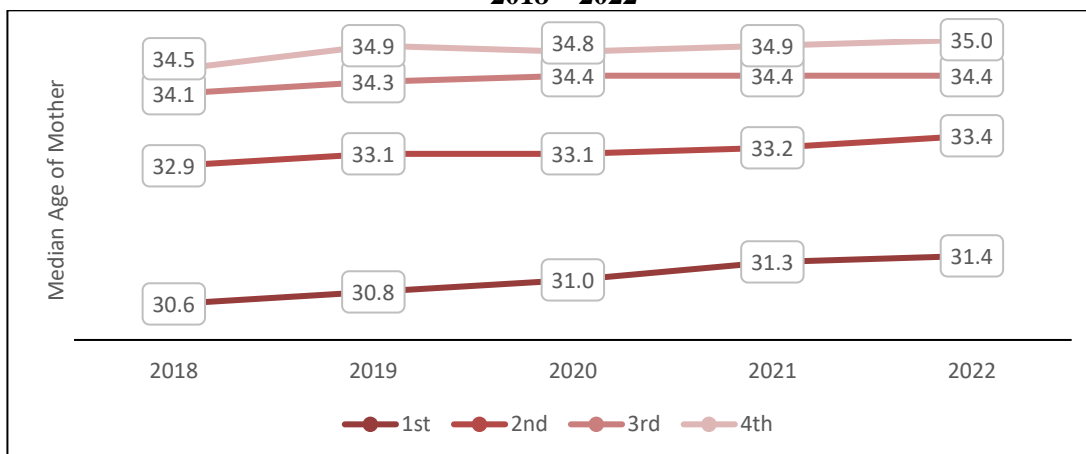


*Year 2020 had 2 counts of unknown births order.

**For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information. Year 2022 had 28 counts of unknown births order.

12 An analysis of resident birth order data reveals a clear trend of first-time mothers progressively delaying childbirth to later stages of their lives. The median age of first-time mothers rose from 30.6 years in 2018 to 31.4 years in 2022. The median age of mothers giving birth to their second or subsequent child has shown minimal change over the same period (Chart 6).

Chart 6
RESIDENT BIRTH ORDER BY PERIOD AND MEDIAN AGE OF MOTHER, 2018 – 2022*



*For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information.

Live Births

First-Time Mothers

13 In 2022, the median age of first-time mothers among resident live births was 31.4 years at the time of giving birth. Among specific ethnic groups, Chinese mothers typically have their first child at the age of 32.2 years, Malay mothers at 28.3 years, and Indian mothers at 30.5 years. Mothers from other ethnic groups have a median age of 32.1 years when having their first child.

14 Among these first-time mothers, 64.1% had university degrees and 35.9% had 'A' level / Diploma / ITE 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)	
	2021	2022*	2021	2022*
Ethnic Group				
Chinese	10,527	10,063	32.0	32.2
Malays	2,815	2,982	28.3	28.3
Indians	1,158	1,223	30.5	30.5
Others	956	768	32.0	32.1
Total	15,456	15,036	31.3	31.4
Education Level				
No Qualification	70	92	29.9	30.1
Primary	343	240	27.1	26.3
GCE 'N' Level	709	924	26.7	26.9
GCE 'O' Level	686	591	30.5	30.0
GCE 'A' Level / Diploma / ITE or equivalent	3,874	3,551	29.9	29.8
University	9,772	9,638	32.0	32.2
Unknown	2	-	-	-
Total	15,456	15,036	31.3	31.4
Occupation				
Legislators, Senior Officials, Managers, Professionals, Technicians & Other Associate Professionals	8,266	8,742	32.0	32.1
Clerical, Service, Shop & Market Sales Workers	2,012	2,236	30.5	30.4
Agricultural & Fishery Workers	1	6	-	32.9
Production, Transport & Other Manual Workers	34	46	32.7	28.7
Workers Not Classifiable by Occupation	2,794	1,937	30.7	30.6
Not Working	2,349	2,069	29.5	29.1
Total	15,456	15,036	31.3	31.4

*For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information.

Live Births

Type of Birth and Period of Gestation

15 In 2022, there were 34,655 single births, 932 twin births, and 18 triplet births.

16 Among single births, the most common gestation period observed was 38 weeks, comprising 34.2% of all single births. Twin births, on the other hand, predominantly occurred at 37 weeks, constituting 30.0% of the total number of twin births. Premature single births, defined as those with a gestation period of 36 weeks or less, amounted to 2,264 cases, making up 6.5% of all single births. Among twin births, a significant proportion of 63.3% consisted of premature deliveries with a gestation period of 36 weeks or less.

Table III
LIVE BIRTHS BY PERIOD OF GESTATION AND TYPE OF BIRTH, 2022

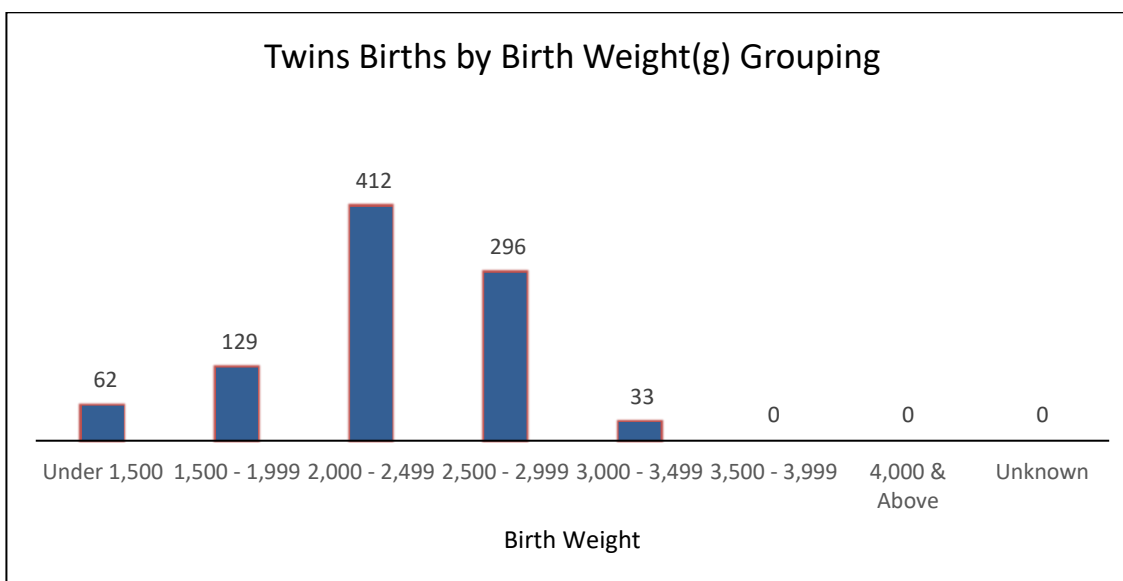
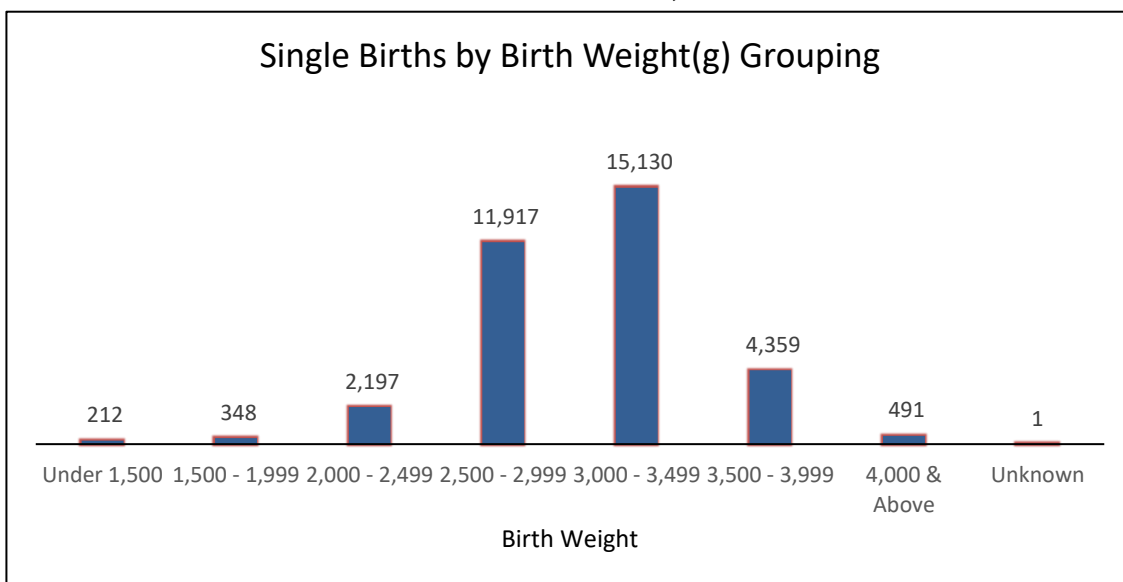
Period of Gestation (weeks)	Total		Type of Birth					
			Single		Twins		Triplets	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All	35,605	100.0	34,655	100.0	932	100.0	18	100.0
Under 28	112	0.3	84	0.2	28	3.0	-	-
28 - 31	211	0.6	156	0.5	46	4.9	9	50.0
32 - 35	1,171	3.3	923	2.7	239	25.6	9	50.0
36	1,378	3.9	1,101	3.2	277	29.7	-	-
37	5,308	14.9	5,028	14.5	280	30.0	-	-
38	11,897	33.4	11,843	34.2	54	5.8	-	-
39	10,723	30.1	10,717	30.9	6	0.6	-	-
40	4,479	12.6	4,477	12.9	2	0.2	-	-
41	307	0.9	307	0.9	-	-	-	-
42 & over	15	0.0	15	0.0	-	-	-	-
Unknown	4	0.0	4	0.0	-	-	-	-

Live Births

Birth Weight

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

Chart 7
SINGLE AND TWIN LIVE BIRTHS
BY BIRTH WEIGHT, 2022

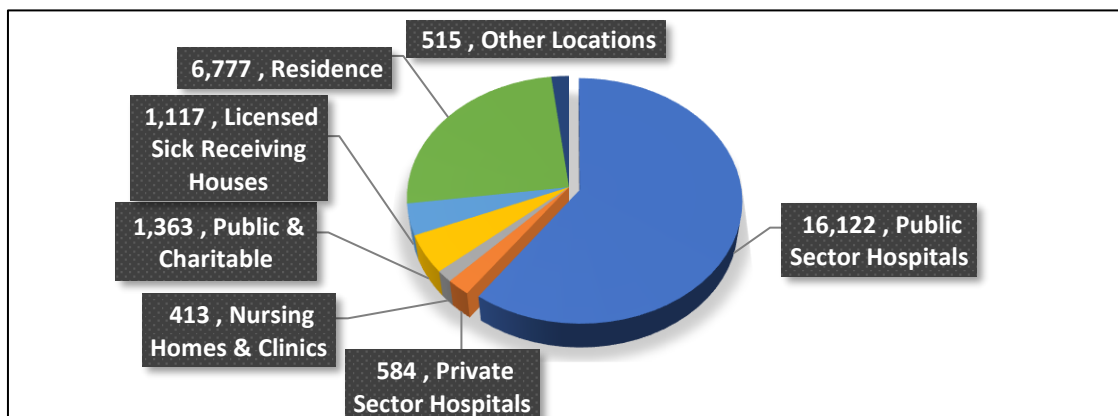


Deaths

18 In 2022, the total number of registered deaths reached 26,891, indicating an increase of 2,599 cases (equivalent to a 10.7% rise) compared to the 24,292 deaths registered in 2021.

19 The combined percentage of deaths that occurred within both public and private hospitals accounted for 62.1% of the total fatalities. Of the total deaths, 25.2% occurred in residences, 6.6% were in nursing homes and charitable institutions, 4.2% were in sick receiving houses and 1.9% at other locations.

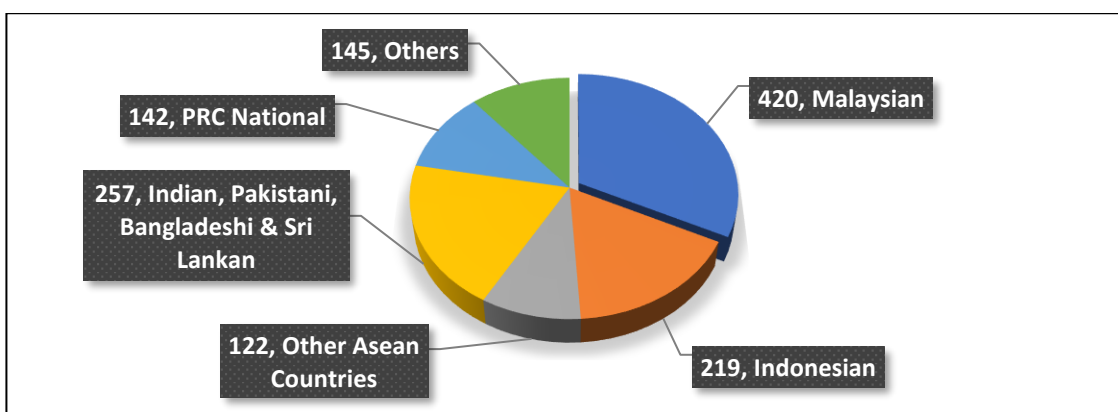
Chart 8
DEATHS BY PLACE OF OCCURRENCE 2022



Nationality

20 4.9% of deaths registered in 2022 were non-Singapore residents (Chart 9). They were mostly Malaysians and Indonesian.

Chart 9
DEATHS BY NON-RESIDENT STATUS, 2022



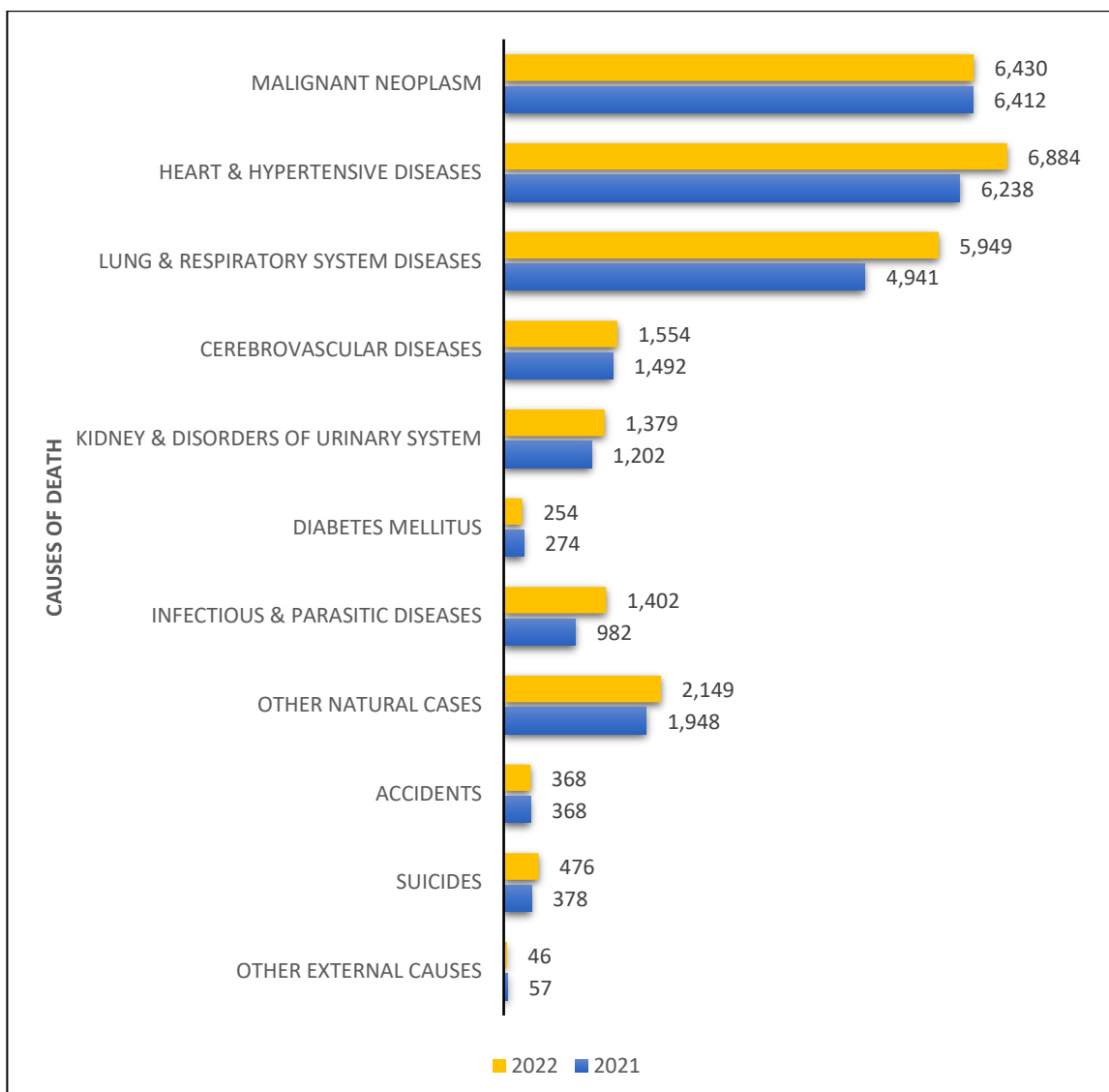
Deaths

Major Causes of Death

21 In 2022, the leading causes of death were malignant neoplasms and heart & hypertensive diseases, collectively accounting for 49.5% of all registered deaths. Additionally, lung & respiratory system diseases and cerebrovascular diseases were prominent factors, responsible for 22.1% and 5.8% of death cases, respectively. Unnatural causes such as accidents, suicides, and other external causes, constituted 3.3% of the total cases. Comparing to the previous year, the proportion of deaths attributed to lung & respiratory system diseases increased by 1.8%, while the proportion of deaths caused by malignant neoplasms decreased by 2.5%.

Chart 10

COMPARATIVE MAJOR CAUSES OF DEATH BETWEEN 2021 AND 2022

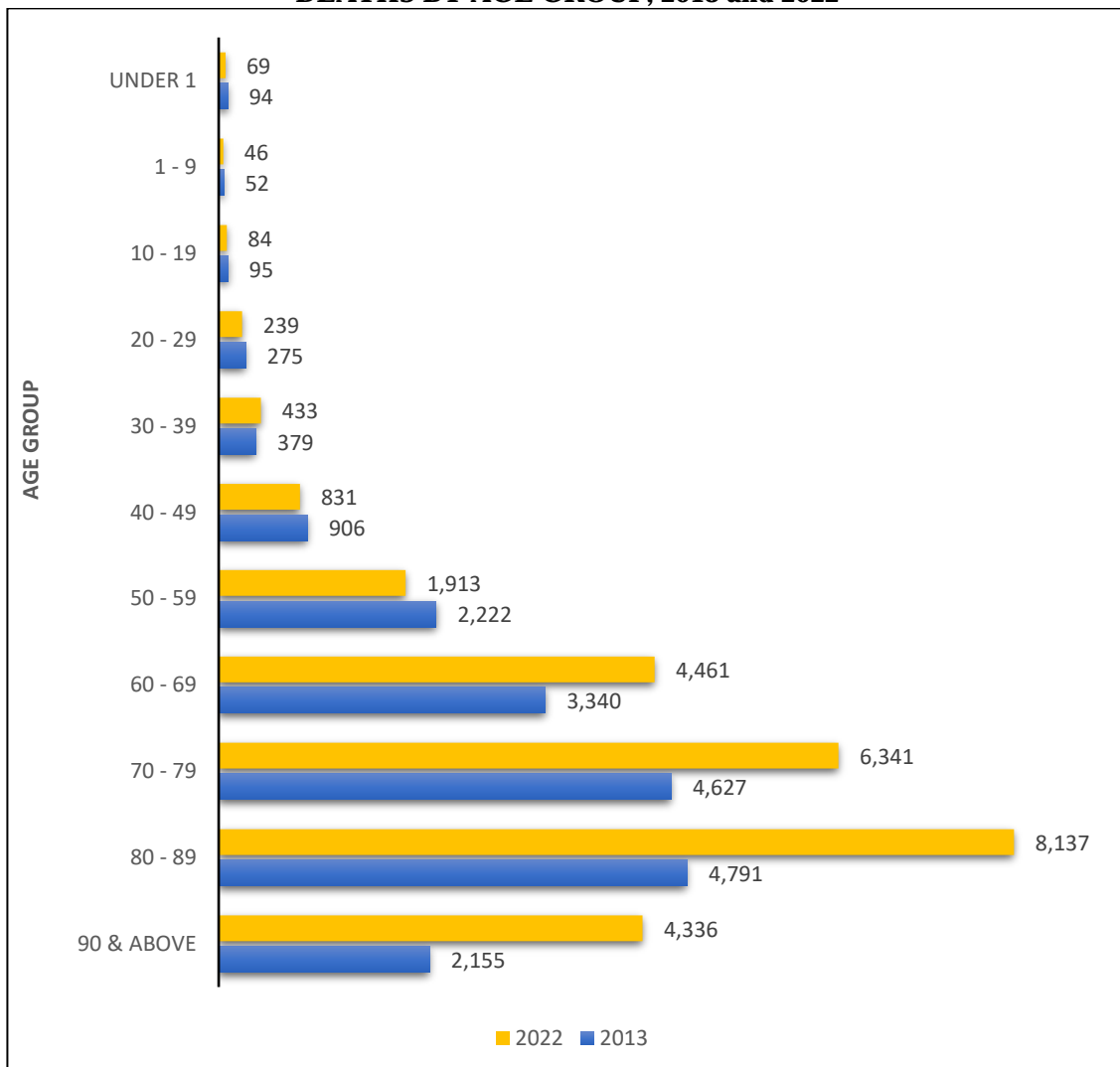


Deaths

Median Age at Death and Sex

22 In 2022, one death case had an unknown age recorded. The majority of deaths, totaling 23,275 persons, were aged 60 years and above, making up 86.6% of the total. Persons between the ages of 50 and 59 accounted for 7.1% of all deaths. Furthermore, there were 69 reported cases of infant deaths (age under one year old), representing 0.3% of the overall death count (Chart 11).

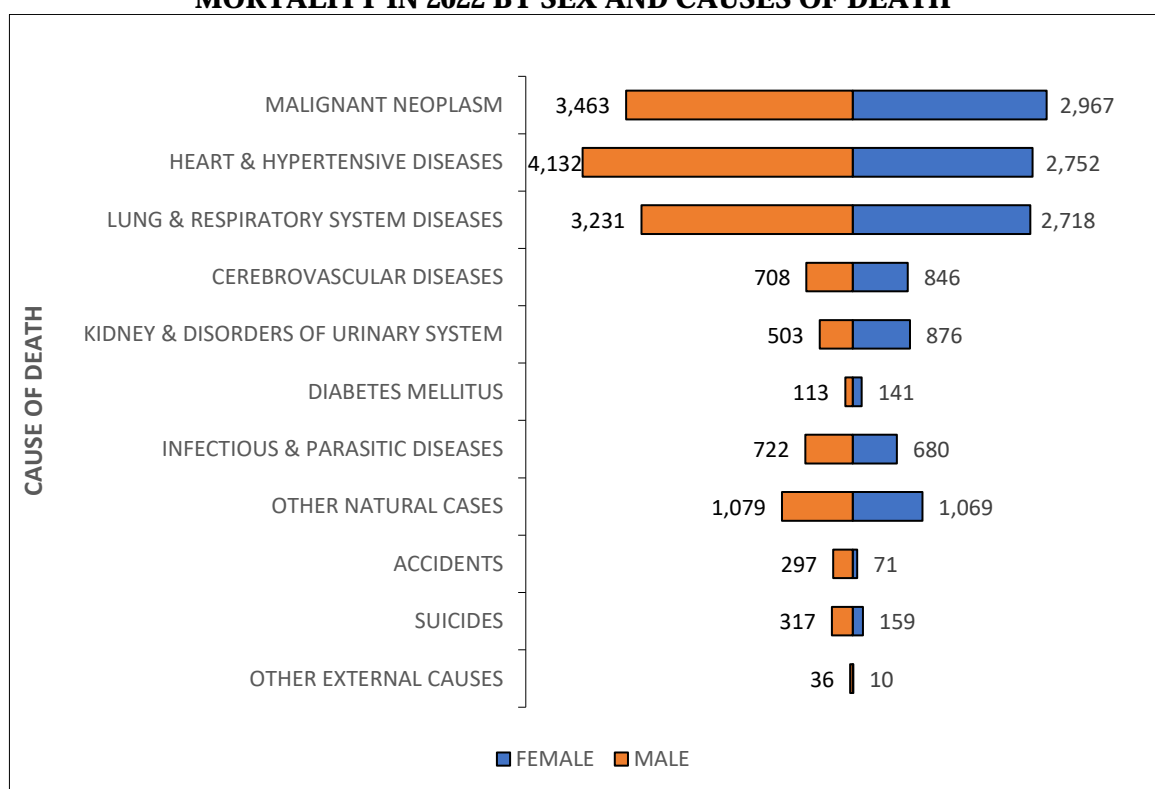
Chart 11
DEATHS BY AGE GROUP, 2013 and 2022



Deaths

23 In terms of mortality, males surpassed females, with a ratio of 1,188 males per 1,000 females. When examining the causes of death across sex, it was observed that males had a higher proportion of deaths attributed to heart and hypertensive diseases, as well as accidents. Conversely, females exhibited a higher proportion of deaths associated with kidney and disorders of urinary system, as well as cerebrovascular diseases (Chart 12).

Chart 12
MORTALITY IN 2022 BY SEX AND CAUSES OF DEATH



24 The median age at death (MA in short) was 78.5 years in year 2022. The highest MA of 84.7 years was recorded for those who died of lung & respiratory system diseases, followed by 83.0 years for kidney & disorders of urinary system and 82.7 years for Infectious & Parasitic Diseases.

25 The MA has been gradually increasing over the years. It was 74.9 years in 2013. It increased to 76.6 years and 78.5 years in 2017 and 2022 respectively. Not including other natural causes, the increase in MA was most conspicuous among infectious & parasitic diseases (69.3 year in 2013 to 82.7 year in 2022).

26 Females tend to live longer than their male counterparts. The MA was 75.2 years for males compared to 82.3 years for females, a difference of 7.1 years.

Deaths

Table IV
COMPARATIVE MEDIAN AGE AT DEATH BY CAUSES AND SEX

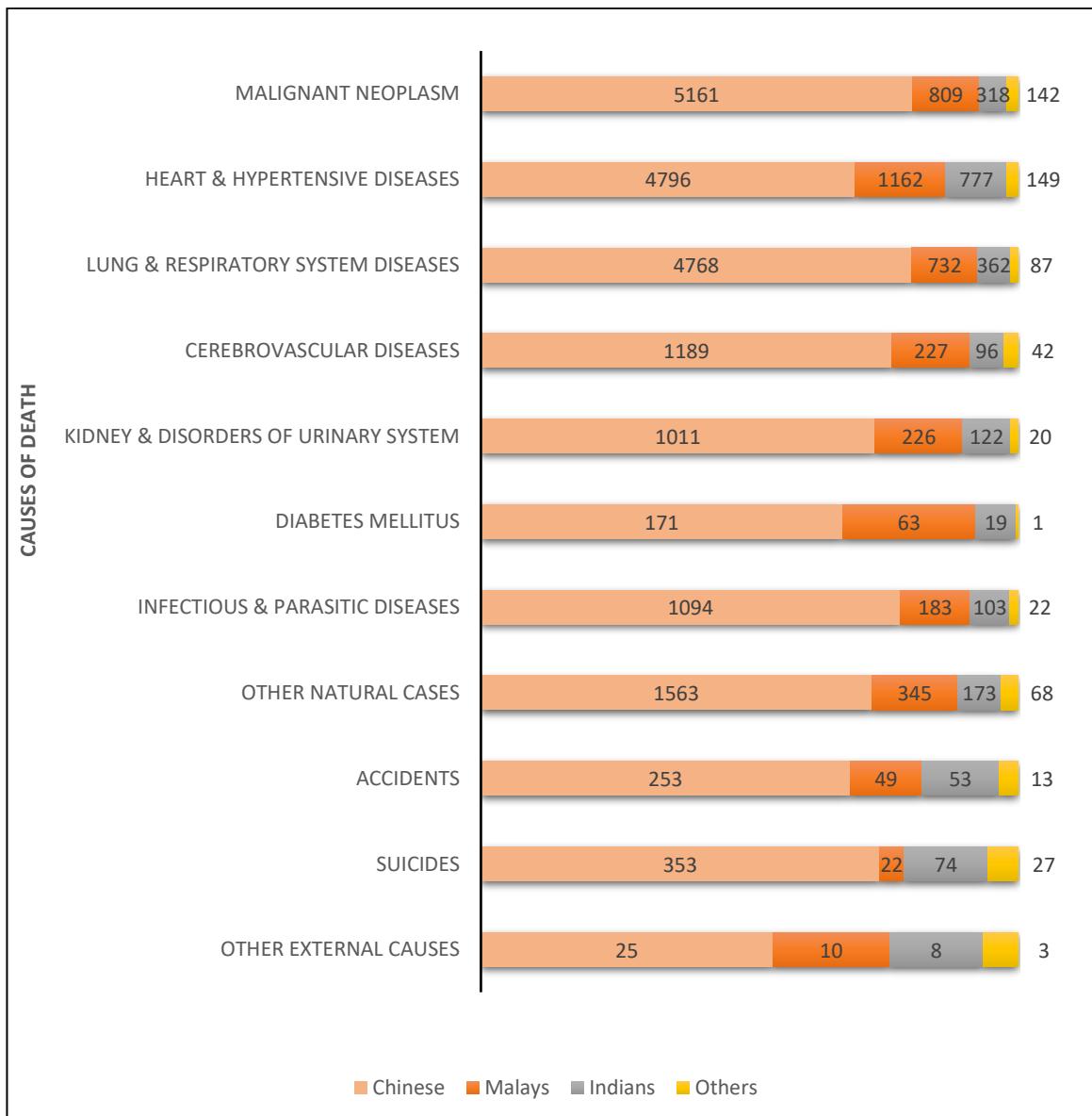
Causes of Death	Sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Malignant Neoplasm	F	70.7	70.6	71.2	70.2	70.5	71.0	71.4	72.1	72.2	72.9
	M	69.9	70.7	70.3	70.4	70.7	71.2	71.9	72.3	72.4	72.2
	Total	70.2	70.6	70.7	70.4	70.7	71.1	71.7	72.2	72.3	72.5
Heart & Hypertensive Diseases	F	80.4	80.0	80.7	80.8	81.3	82.2	81.8	82.4	82.9	82.9
	M	69.4	69.6	68.9	69.6	70.3	70.1	71.3	71.9	72.4	73.0
	Total	74.3	74.3	74.6	75.0	75.7	75.1	75.6	76.5	76.9	77.0
Lung & Respiratory System Diseases	F	85.4	86.1	86.4	86.5	86.3	86.6	86.9	86.9	87.6	87.5
	M	79.6	80.3	80.5	80.7	80.8	81.4	81.5	81.6	82.4	82.5
	Total	82.4	83.1	83.5	83.5	83.7	83.9	84.2	84.3	85.2	84.7
Cerebrovascular Diseases	F	82.7	82.9	81.9	82.3	83.3	83.1	83.1	83.1	83.7	83.8
	M	75.4	75.1	74.2	74.1	74.1	72.9	73.1	72.9	74.8	75.5
	Total	79.3	79.4	78.7	79.0	79.2	78.8	78.9	79.4	80.7	80.7
Kidney & Disorders of Urinary System	F	81.8	82.9	81.8	83.6	82.8	83.4	84.2	83.6	84.6	84.3
	M	76.9	78.5	77.1	79.2	78.5	78.6	79.4	79.7	80.3	80.1
	Total	80.1	81.3	80.3	82.1	81.1	81.9	82.3	81.8	82.9	83.0
Diabetes Mellitus	F	78.3	79.2	77.0	78.5	79.0	80.1	79.7	79.1	82.8	81.9
	M	69.0	71.1	70.5	73.3	72.3	73.4	72.1	73.8	75.0	71.5
	Total	74.4	76.7	75.1	76.4	76.4	77.7	77.4	76.4	80.6	75.7
Infectious & Parasitic Diseases	F	74.7	74.7	77.0	75.4	76.0	75.8	84.0	82.3	82.1	85.2
	M	66.5	63.4	67.1	67.9	64.6	68.1	74.7	70.8	77.2	80.3
	Total	69.3	67.7	68.7	72.3	68.4	71.0	79.0	75.1	79.3	82.7
Other Natural Causes	F	76.3	78.2	79.7	78.2	79.3	80.3	80.8	81.1	81.6	81.5
	M	67.2	66.5	68.1	68.3	70.4	70.2	71.9	73.4	72.8	72.9
	Total	71.9	72.8	73.8	73.5	75.7	76.0	75.9	77.5	77.3	76.7
Accidents	F	68.3	75.1	66.0	70.1	69.1	68.6	71.7	74.8	76.6	74.9
	M	49.3	45.2	53.0	52.3	61.7	55.2	60.2	57.9	60.1	57.6
	Total	52.5	53.8	54.6	58.2	64.1	59.7	64.0	61.9	63.0	63.6
Suicides	F	47.1	47.5	44.2	44.7	51.7	48.8	44.6	48.9	40.6	51.0
	M	47.6	51.7	45.9	47.5	50.1	47.8	48.6	47.6	45.9	43.2
	Total	47.5	50.9	45.9	47.1	50.9	47.9	47.1	47.7	44.0	47.4
Other External Causes	F	41.8	38.9	30.4	44.3	38.2	56.7	54.1	46.9	56.8	45.3
	M	42.2	41.8	43.0	42.2	44.3	49.4	46.1	49.8	50.8	48.1
	Total	42.1	39.4	38.4	43.0	43.2	50.0	46.3	49.8	51.5	48.1
All	F	78.9	79.5	79.7	79.6	80.1	80.5	80.7	81.1	81.9	82.3
	M	72.0	72.5	72.3	72.7	73.2	72.9	73.7	74.0	74.5	75.2
	Total	74.9	75.5	75.7	76.1	76.6	76.7	77.4	77.3	77.9	78.5

Deaths

Ethnic Group

27 75.8% of deaths registered in 2022 were Chinese while Malays, Indians and other ethnic groups made up of 14.2%, 7.8% and 2.1% of death cases respectively (Chart 13).

Chart 13
MORTALITY IN 2022 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 80.4 years compared with 72.3 years for Malays, 71.9 years for Indians and 68.2 years for other ethnic groups. The gap in MA between Chinese and non-Chinese ethnic groups existed in most major causes of death.

Table V
THE MEDIAN AGE AT DEATH BY MAJOR CAUSES OF DEATH
AND ETHNIC GROUP, 2022

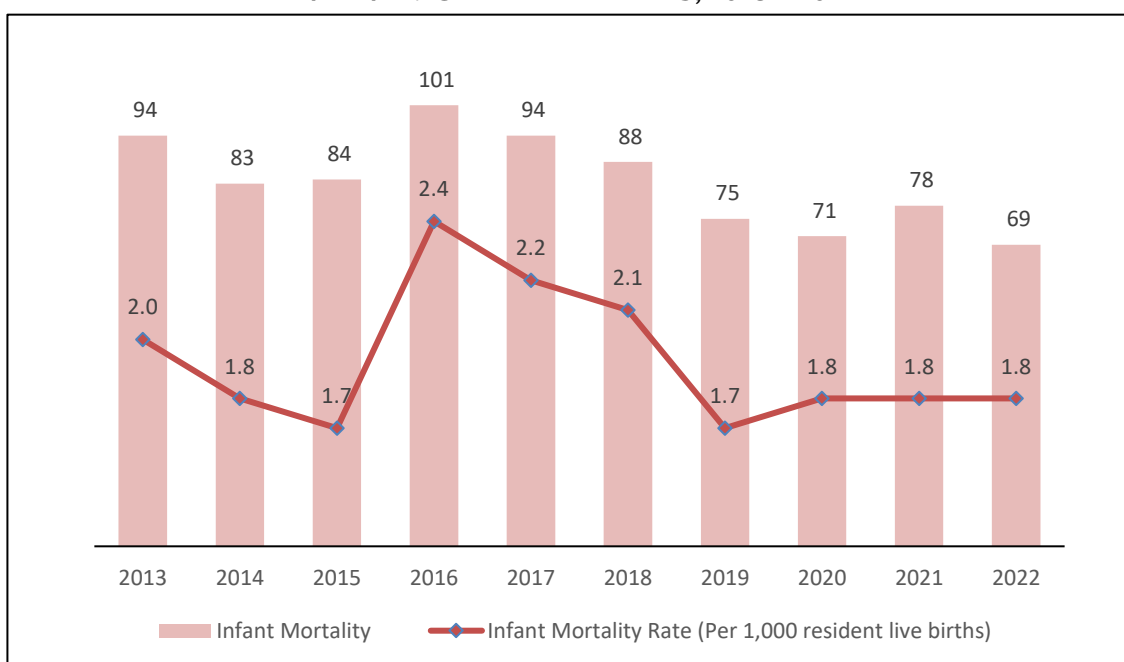
Causes of Death	All	Chinese	Malays	Indians	Others
Natural Causes					
Malignant Neoplasm	72.5	73.8	67.6	69.1	64.1
Heart & Hypertensive Diseases	77.0	79.8	70.6	70.5	68.6
Lung & Respiratory System Diseases	84.7	85.5	80.9	83.1	82.5
Cerebrovascular Diseases	80.7	82.2	74.9	72.3	67.7
Kidney & Disorders of Urinary System	83.0	84.1	75.5	81.3	83.9
Diabetes Mellitus	75.7	78.7	70.7	74.4	69.7
Infectious & Parasitic Diseases	82.7	83.7	78.2	74.0	81.4
Other Natural Cases	76.7	79.8	69.9	64.9	52.1
Accidents and Violence (All Forms)					
Accidents	63.6	72.6	37.9	33.0	38.3
Suicides	47.4	53.3	30.8	33.7	30.2
Other External Causes	48.1	55.8	47.3	33.6	30.4
All	78.5	80.4	72.3	71.9	68.2

Deaths

Infant Mortality

29 Of the 69 infant deaths registered in 2022, 37 were males and 32 were females. The main causes of infant death were Perinatal Originated Conditions (44.9%) and Congenital Anomalies (21.7%). The infant mortality rate in 2022 was 1.8 per 1,000 resident live births (Chart 14).

Chart 14
INFANT MORTALITY RATES, 2013 – 2022



Neonatal Mortality

30 The number fell slightly from 52 in 2013 to 41 in 2022. The neonatal mortality rate in 2022 remained the same as 2013 at 1.1 per 1,000 resident live births.

Perinatal Mortality

31 Including stillbirths⁴, there were 140 perinatal deaths registered in 2022. The perinatal mortality rate was 3.9 per 1,000 live births and stillbirths.

Maternal Mortality

32 In 2022, there was 1 case of maternal death registered.

⁴Please note the revised definition of stillbirths as outlined in explanatory notes 22.

Stillbirths

33 In 2022, there were 110 registered stillbirths⁵. Chart 15 shows that the crude stillbirth rates varied between 1.9 to 3.1 per 1,000 live births and stillbirths for the last 10 years.

Chart 15
STILLBIRTHS RATES, 2013 – 2022



34 Stillbirths registered in 2022 comprised of 54 males, 53 females and 3 cases with an unknown sex. Among the registered stillbirths, those occurring between 22 to 27 weeks of gestation period constituted 36.4% of the total stillbirth cases.

⁵Please note the revised definition of stillbirths as outlined in explanatory notes 22.

ANNEXURE

PROCEDURES FOR THE REGISTRATION OF LIVE BIRTHS, DEATHS AND STILLBIRTH⁶

LIVE BIRTHS

All births in Singapore must be registered within 42 days from the date of birth. Effective from 29 May 2022, all parents of newborns are required to register their child's birth online via LifeSG.

2 A fee of S\$18.00 is payable for the birth registration and issuance of a digital birth certificate.

DEATHS

3 Effective from 29 May 2022, a death in Singapore will be automatically registered once a doctor certifies the death online. After the doctor has certified the death online, the next-of-kin can download the digital death certificate at My Legacy website. There is no fee for death registration and issuance of a digital death certificate.

STILLBIRTHS

4 Effective from 29 May 2022, a stillbirth in Singapore will be automatically registered once a doctor certifies the stillbirth online. After the doctor has certified the stillbirth online, parents can download the digital stillbirth certificate at My Legacy website. There is no fee for stillbirth registration and issuance of a digital stillbirth certificate.

⁶ Prior to 29 May 2022, all live births, deaths and stillbirths are registered under the Registration of Births and Deaths Act enacted in 1937.

CERTIFICATE NO.



REPUBLIC OF SINGAPORE
CERTIFICATE OF BIRTH

CHILD'S PARTICULARS	<p>Name</p> <p>Sex</p> <p>Date of Birth</p> <p>Time of Birth</p> <p>Place/Address of Birth</p>
MOTHER'S PARTICULARS	<p>Name</p> <p>NRIC/Identification Document No.</p> <p>Date of Birth</p> <p>Race</p> <p>Dialect Group</p> <p>Nationality/Citizenship</p>
FATHER'S PARTICULARS	<p>Name</p> <p>NRIC/Identification Document No.</p> <p>Date of Birth</p> <p>Race</p> <p>Dialect Group</p> <p>Nationality/Citizenship</p>

For Official Use:

Date of Issue:

Note:

This certificate is system-generated. No signature is required.

Access Code:




For verification, scan or visit
<https://go.gov.sg/ica-verify-ebc>



CERTIFICATE NO.

REPUBLIC OF SINGAPORE
CERTIFICATE OF DEATH

DECEASED'S PARTICULARS	Name							
	NRIC/Identification Document No.				Sex		Date of Birth	
	Race		Nationality/Citizenship		Date of Death		Time of Death	
	Place or Address where Death Occurred						Approximate Interval between Onset and Death	
		Years	Months	Days	Hours			
CAUSE OF DEATH	Disease or Condition Leading to Death (A)							
	Antecedent Causes (B)							
	(C)							
	Other Significant Conditions							
Name, Official Title and Institution of Certifier						Date of Issue		
Note: This certificate is system-generated. No signature is required.						Access Code:  For verification, scan or visit https://go.gov.sg/ica-verify-edc		

CERTIFICATE NO.



**REPUBLIC OF SINGAPORE
CERTIFICATE OF STILLBIRTH**

CHILD'S PARTICULARS	Sex	Date of Stillbirth	Time of Stillbirth	
	Place or Address where Stillbirth Occurred			
CAUSE OF DEATH	(a) Main Disease or Condition in Foetus -----			
	(b) Other Disease or Condition in Foetus -----			
	(c) Main Maternal Disease or Condition Affecting Foetus -----			
MOTHER'S PARTICULARS	Name			
	NRIC/Identification Document No.	Date of Birth	Race	Nationality/Citizenship
FATHER'S PARTICULARS	Name			
	NRIC/Identification Document No.	Date of Birth	Race	Nationality/Citizenship
Name, Official Title and Institution of Certifier			Date of Issue	
Note: This certificate is system-generated. No signature is required.			Access Code:  For verification, scan or visit https://go.gov.sg/ica-verify-esbc	

EXPLANATORY NOTES

EXPLANATORY NOTES

- 1 *Resident population* refers to Singapore citizens and permanent residents.
- 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 which include residents who were overseas for a continuous period of 12 months or longer as at the reference period.
- 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 a child, irrespective of the duration of gestation, which after the complete expulsion or extraction from the 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 the mother. For births registered from 29 May 2022 onwards, birth order breakdowns are based solely on declared information.
- 9 Statistical breakdown by *educational qualification* and *occupation* of parents are based solely on declared information.
- 10 *Period of gestation* refers to the number of weeks a baby remained in the mother's womb before birth.
- 11 A *premature birth* refers to a birth with less than 37 weeks of gestation.
- 12 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.
- 13 *Crude death rate* refers to the number of deaths per thousand population. From 1980 onwards, this rate is based on Singapore residents only.

- 14 *Infant mortality* refers to death of persons under one year of age.
- 15 *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.
- 16 *Neonatal mortality* refers to death of persons under 28 days of age.
- 17 *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.
- 18 *Perinatal mortality* refers to stillbirth and death of persons under seven days of age.
- 19 *Crude perinatal mortality rate* refers to the number of perinatal deaths per thousand live births and stillbirths.
- 20 *Maternal mortality* refers to deaths of mothers owing to deliveries and complications arising from pregnancy, childbirth and puerperium.
- 21 *Crude maternal mortality rate* refers to the number of maternal deaths per hundred thousand live births.
- 22 A *stillbirth* refers to a child that issues from the child's mother after the 22 weeks⁷ of pregnancy and does not show any sign of life at any time after being completely expelled or extracted from the mother. Stillbirth figures referred to the number of stillbirths registered during the year.
- 23 *Crude stillbirth rate* refers to the number of stillbirths per thousand live births and stillbirths.
- 24 *Resident live births* refer to those with at least one parent who is Singapore citizen or permanent resident.
- 25 An *abandoned child* refers to a child whose local birth registered without the information of both parents.

⁷Before 29 May 2022, a stillbirth refers to a child that issues from the child's mother after the 28 weeks of pregnancy and does not show any sign of life at any time after being completely expelled or extracted from the mother.

TABLES

Table 1
POPULATION AND VITAL STATISTICS, 2003 - 2022

Year	Population*	Natural Increase	Live Births	Deaths	Stillbirths	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
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
2020	4,044,210	16,536	38,590	22,054	78	71	33	103	0
2021	3,986,842	14,380	38,672	24,292	78	78	51	114	1
2022	4,073,239	8,714	35,605	26,891	110	69	41	140	1

* Source : Singapore Department of Statistics

Note: Population figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.

Table 2
POPULATION GROWTH AND VITAL RATES, 2003 - 2022

Year	Population*	Natural Increase	Live Births	Deaths	Stillbirths	Infant Mortality	Neonatal Mortality	Perinatal Mortality	Maternal Mortality
2003	16	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
2020	4	3.3	8.5	5.2	2.0	1.8	0.8	2.7	0.0
2021	(14)	2.7	8.6	5.8	2.0	1.8	1.1	2.9	2.6
2022	22	1.6	7.9	6.3	3.1	1.8	1.1	3.9	2.8

* Source : Singapore Department of Statistics

Note: (1) Growth rate for 2003 is computed based on unrevised population estimates which include residents who were overseas for a continuous period of 12 months or longer as at the reference period.

(2) The annual population growth rate refers to the annual population increase per thousand population.

(3) The annual population growth rate, natural increase, live births and deaths are based on Singapore residents only.

(4) Resident population comprises Singapore citizens and permanent residents.

(5) The crude infant mortality and neonatal mortality rate are based on resident live births only.

(6) The crude maternal mortality rate refers to the number of maternal deaths per hundred thousand live births.

Table 3
POPULATION BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	4,044,210	3,006,769	545,498	362,274	129,669
2021	3,986,842	2,960,135	544,452	354,885	127,370
2022	4,073,239	3,018,951	554,110	366,405	133,773

Source : Singapore Department of Statistics

Note: Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.

Table 4
MALE POPULATION BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	1,977,556	1,461,344	271,332	185,565	59,315
2021	1,953,114	1,440,854	271,743	182,594	57,923
2022	1,990,212	1,466,366	275,876	187,515	60,455

Source : Singapore Department of Statistics

Note: Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.

Table 5
FEMALE POPULATION BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	2,066,654	1,545,425	274,166	176,709	70,354
2021	2,033,728	1,519,281	272,709	172,291	69,447
2022	2,083,027	1,552,585	278,234	178,890	73,318

Source : Singapore Department of Statistics

Note: Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.

Table 6
SEX RATIO OF POPULATION BY ETHNIC GROUP, 2003 - 2022
(Males Per Thousand Females)

Year	Total	Chinese	Malays	Indians	Others
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
2020	957	946	990	1,050	843
2021	960	948	996	1,060	834
2022	955	944	992	1,048	825

Source : Singapore Department of Statistics

Note: Figures refer to Singapore residents only. Resident population comprises Singapore citizens and permanent residents.

Table 7
NATURAL INCREASE BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	16,536	5,305	4,776	2,520	3,935
2021	14,380	3,491	4,555	2,692	3,642
2022	8,714	(311)	4,130	1,966	2,929

Table 8
CRUDE RATES OF NATURAL INCREASE BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	3.3	1.8	8.9	4.0	11.8
2021	2.7	1.2	8.4	3.8	10.3
2022	1.6	(0.0)	7.7	3.4	9.3

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

Table 9
LIVE BIRTHS BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	38,590	22,012	7,814	4,385	4,379
2021	38,672	22,002	7,852	4,723	4,095
2022	35,605	20,073	7,958	4,071	3,503

Table 10
CRUDE BIRTH RATES BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	8.5	7.2	14.2	8.3	13.9
2021	8.6	7.3	14.4	8.7	12.8
2022	7.9	6.5	14.3	8.3	11.9

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

Table 11
DEATHS BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	22,054	16,707	3,038	1,865	444
2021	24,292	18,511	3,297	2,031	453
2022	26,891	20,384	3,828	2,105	574

Table 12
CRUDE DEATH RATES BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	5.2	5.4	5.4	4.3	2.1
2021	5.8	6.1	5.9	4.9	2.5
2022	6.3	6.6	6.6	4.9	2.5

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

Table 13
INFANT DEATHS BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	71	32	23	11	5
2021	78	32	23	17	6
2022	69	32	21	12	4

Table 14
INFANT MORTALITY RATES BY ETHNIC GROUP, 2003 - 2022

Year	Total	Chinese	Malays	Indians	Others
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
2020	1.8	1.4	2.7	3.0	1.1
2021	1.8	1.4	2.9	1.6	1.2
2022	1.8	1.4	2.7	2.6	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, 2022

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	35,605	18,344	17,261	10,396	9,677	4,079	3,879	2,120	1,951	1,749	1,754
January	3,122	1,592	1,530	914	862	349	342	175	188	154	138
February	2,848	1,459	1,389	822	782	328	316	179	146	130	145
March	3,045	1,562	1,483	881	797	358	343	192	189	131	154
April	2,683	1,375	1,308	757	702	328	332	143	145	147	129
May	2,866	1,510	1,356	841	808	334	289	205	135	130	124
June	2,931	1,502	1,429	851	789	327	329	171	167	153	144
July	2,939	1,560	1,379	876	786	353	288	182	162	149	143
August	3,035	1,551	1,484	917	823	323	319	162	156	149	186
September	3,333	1,749	1,584	1,013	897	392	378	200	161	144	148
October	3,061	1,568	1,493	879	843	333	324	177	165	179	161
November	2,917	1,490	1,427	854	790	325	314	180	184	131	139
December	2,825	1,426	1,399	791	798	329	305	154	153	152	143

Table 16
LIVE BIRTHS BY ETHNIC GROUP OF FATHER AND MOTHER , 2022

Ethnic Group of Father	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	35,605	20,244	8,102	3,635	3,624
Chinese	20,073	18,588	246	88	1,151
Malays	7,958	337	6,961	432	228
Indians	4,071	313	580	2,977	201
Others	3,503	1,006	315	138	2,044

Table 17
LIVE BIRTHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP OF MOTHER, 2022

Place of Occurrence	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	35,605	20,244	8,102	3,635	3,624
Public Sector Hospitals	17,899	7,264	6,907	2,381	1,347
Private Sector Hospitals	17,520	12,917	1,124	1,236	2,243
Residence	139	44	51	12	32
Other Locations	47	19	20	6	2

Table 18
LIVE BIRTHS BY ATTENDANT AT BIRTH AND ETHNIC GROUP OF MOTHER, 2022

Attendant at Birth	Total	Ethnic Group of Mother			
		Chinese	Malays	Indians	Others
Total	35,605	20,244	8,102	3,635	3,624
Doctor in Public Sector Hospitals	15,035	6,495	5,220	2,111	1,209
Doctor in Private Sector Hospitals	17,537	12,916	1,124	1,238	2,259
Ambulance Officer / Paramedic	12	2	8	1	1
Midwife or Nurse in Public Sector Hospitals	2,846	762	1,677	269	138
Midwife or Nurse in Private Sector Hospitals	9	7	-	-	2
Delivery without aid of doctor, midwife or nurse	166	62	73	16	15
Unknown	-	-	-	-	-

Table 19
LIVE BIRTHS BY AGE, ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2022

Mother's Age (years)	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	35,605	18,344	17,261	10,462	9,782	4,179	3,923	1,874	1,761	1,829	1,795
Under 15	2	1	1	-	-	1	-	-	1	-	-
15	11	8	3	3	-	4	3	1	-	-	-
16	21	14	7	3	-	11	7	-	-	-	-
17	40	18	22	1	7	16	12	-	3	1	-
18	57	27	30	6	7	18	19	1	3	2	1
19	87	39	48	12	16	21	26	4	5	2	1
20	106	62	44	26	14	30	23	5	5	1	2
21	168	75	93	20	37	40	40	11	8	4	8
22	244	115	129	36	39	51	60	21	26	7	4
23	312	156	156	48	42	72	89	23	19	13	6
24	498	252	246	59	66	138	130	36	31	19	19
25	718	371	347	101	116	204	171	35	39	31	21
26	1,046	532	514	190	164	249	248	66	72	27	30
27	1,336	674	662	261	292	292	258	66	77	55	35
28	1,860	946	914	466	440	338	313	89	103	53	58
29	2,352	1,232	1,120	670	583	335	336	128	119	99	82
30	2,834	1,489	1,345	834	757	378	340	167	140	110	108
31	3,279	1,704	1,575	1,023	929	364	328	174	171	143	147
32	3,288	1,675	1,613	1,059	1,008	286	293	177	168	153	144
33	3,370	1,689	1,681	1,121	1,123	271	251	156	146	141	161
34	3,171	1,602	1,569	1,024	1,004	248	218	162	162	168	185
35	2,544	1,368	1,176	836	713	206	188	166	126	160	149
36	2,140	1,119	1,021	737	603	137	143	104	110	141	165
37	1,743	917	826	569	496	144	129	78	72	126	129
38	1,365	696	669	423	408	107	100	63	65	103	96
39	1,155	604	551	354	347	86	66	55	37	109	101
40	758	390	368	243	222	60	62	35	18	52	66
41	513	253	260	156	167	27	38	23	19	47	36
42	292	154	138	90	88	16	16	18	10	30	24
43	152	84	68	44	49	17	11	8	3	15	5
44	71	36	35	22	23	6	3	2	2	6	7
45	34	21	13	10	10	5	2	-	-	6	1
46	20	13	7	9	5	-	-	-	-	4	2
47	7	3	4	3	4	-	-	-	-	-	-
48	3	1	2	1	2	-	-	-	-	-	-
49	5	2	3	-	1	1	-	-	-	1	2
>=50	3	2	1	2	-	-	-	-	1	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

Table 20
LIVE BIRTHS BY AGE GROUP, ETHNIC GROUP
OF MOTHER AND BIRTH ORDER, 2022*

Age Group of Mother (years)	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Un-known
Total											
Total	35,605	16,739	12,485	4,377	1,286	418	145	71	35	21	28
Under 15	2	2	-	-	-	-	-	-	-	-	-
15 - 19	216	182	29	5	-	-	-	-	-	-	-
20 - 24	1,328	875	315	98	35	5	-	-	-	-	-
25 - 29	7,312	4,666	1,889	521	143	59	26	3	2	-	3
30 - 34	15,942	7,541	5,897	1,787	457	150	53	25	11	6	15
35 - 39	8,947	2,954	3,660	1,588	488	149	49	28	11	12	8
40 - 44	1,786	491	671	368	154	55	17	14	11	3	2
45 - 49	69	27	22	10	9	-	-	1	-	-	-
50 - 54	2	1	1	-	-	-	-	-	-	-	-
55 and above	1	-	1	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Chinese											
Total	20,244	10,320	7,355	2,036	423	78	13	7	1	1	10
Under 15	-	-	-	-	-	-	-	-	-	-	-
15 - 19	55	47	8	-	-	-	-	-	-	-	-
20 - 24	387	290	80	15	2	-	-	-	-	-	-
25 - 29	3,283	2,375	726	135	37	6	2	-	-	-	2
30 - 34	9,882	5,260	3,680	786	116	28	4	4	1	-	3
35 - 39	5,486	1,986	2,394	874	193	27	5	3	-	-	4
40 - 44	1,104	344	450	220	69	17	2	-	-	1	1
45 - 49	45	18	15	6	6	-	-	-	-	-	-
50 - 54	1	-	1	-	-	-	-	-	-	-	-
55 and above	1	-	1	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Malays											
Total	8,102	3,014	2,403	1,515	661	286	114	56	30	19	4
Under 15	1	1	-	-	-	-	-	-	-	-	-
15 - 19	137	116	16	5	-	-	-	-	-	-	-
20 - 24	673	392	178	67	31	5	-	-	-	-	-
25 - 29	2,744	1,490	799	295	85	47	22	3	2	-	1
30 - 34	2,977	770	1,059	700	269	102	42	18	10	6	1
35 - 39	1,306	217	302	382	223	103	35	23	9	11	1
40 - 44	256	26	47	64	51	29	15	12	9	2	1
45 - 49	8	2	2	2	2	-	-	-	-	-	-
50 - 54	-	-	-	-	-	-	-	-	-	-	-
55 and above	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Indians											
Total	3,635	1,726	1,376	377	104	28	14	5	2	1	2
Under 15	1	1	-	-	-	-	-	-	-	-	-
15 - 19	17	14	3	-	-	-	-	-	-	-	-
20 - 24	185	131	40	12	2	-	-	-	-	-	-
25 - 29	794	511	216	55	9	2	1	-	-	-	-
30 - 34	1,623	747	642	170	43	12	5	2	-	-	2
35 - 39	876	292	419	108	36	10	8	1	1	1	-
40 - 44	138	29	56	32	14	4	-	2	1	-	-
45 - 49	-	-	-	-	-	-	-	-	-	-	-
50 - 54	1	1	-	-	-	-	-	-	-	-	-
55 and above	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Others											
Total	3,624	1,679	1,351	449	98	26	4	3	2	-	12
Under 15	-	-	-	-	-	-	-	-	-	-	-
15 - 19	7	5	2	-	-	-	-	-	-	-	-
20 - 24	83	62	17	4	-	-	-	-	-	-	-
25 - 29	491	290	148	36	12	4	1	-	-	-	-
30 - 34	1,460	764	516	131	29	8	2	1	-	-	9
35 - 39	1,279	459	545	224	36	9	1	1	1	-	3
40 - 44	288	92	118	52	20	5	-	-	1	-	-
45 - 49	16	7	5	2	1	-	-	1	-	-	-
50 - 54	-	-	-	-	-	-	-	-	-	-	-
55 and above	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

*For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information.

**Table 21
LIVE BIRTHS BY OCCUPATION OF MOTHER AND BIRTH ORDER, 2022***

Occupation of Mother	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Unknown
Total	35,605	16,739	12,485	4,377	1,286	418	145	71	35	21	28
<i>Working</i>	28,429	14,183	9,921	3,204	806	206	51	27	5	4	22
Legislators, Senior Officials & Managers	1,457	692	545	174	35	6	3	1	-	-	1
Professionals	16,252	8,530	5,728	1,588	303	75	9	5	1	-	13
Technicians & Associate Professionals	1,329	643	467	147	54	11	2	1	-	1	3
Clerical Workers	2,046	861	683	334	116	35	11	5	-	-	1
Service Workers, Shop & Market Sales Workers	3,000	1,434	992	402	118	30	11	6	3	1	3
Agricultural & Fishery Workers	11	7	2	2	-	-	-	-	-	-	-
Production Craftsmen & Related Workers	26	16	8	1	-	1	-	-	-	-	-
Plant & Machine Operators & Assemblers	32	10	13	6	3	-	-	-	-	-	-
Cleaners, Labourers & Related Workers	88	21	29	20	7	5	3	2	-	1	-
Workers Not Classifiable by Occupation	4,188	1,969	1,454	530	170	43	12	7	1	1	1
<i>Not Working</i>	7,176	2,556	2,564	1,173	480	212	94	44	30	17	6

*For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information.

Table 22
LIVE BIRTHS BY NATIONALITY OF FATHER AND MOTHER, 2022

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
Total	35,605	25,581	2,353	747	1,725	1,451	1,708	299	189	297	185	1,070
Singaporean	27,353	22,505	1,726	458	1,043	170	1,083	53	26	30	30	229
Other Nationalities (PR and Foreigners)												
Malaysian	1,845	1,210	526	14	34	1	38	2	3	4	1	12
Indonesian	342	123	4	200	1	-	6	-	-	1	2	5
Other ASEAN Countries	588	93	5	4	472	-	8	1	-	1	1	3
Indian, Pakistani, Bangladeshi & Sri Lankan	1,591	262	6	7	19	1,248	7	3	1	7	4	27
PRC National	917	420	16	2	13	1	451	2	2	3	3	4
Japanese	256	37	-	2	3	-	1	206	-	-	1	6
Australian	310	94	5	6	10	-	11	6	119	17	8	34
British	498	118	13	5	25	6	17	6	18	189	25	76
American	270	92	10	11	16	5	17	6	4	5	83	21
Others	1,635	627	42	38	89	20	69	14	16	40	27	653

Table 23
LIVE BIRTHS BY EDUCATIONAL QUALIFICATION,
ETHNIC GROUP OF MOTHER AND BIRTH ORDER, 2022*

Educational Qualification of Mother	Total	Birth Order									
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th & over	Un-known
Total											
Total	35,605	16,739	12,485	4,377	1,286	418	145	71	35	21	28
No Qualification	401	111	143	81	36	13	9	2	4	2	-
Primary	824	249	212	163	86	56	27	15	8	7	1
Secondary	4,581	1,578	1,418	885	396	170	73	39	13	8	1
Post Secondary	8,155	3,663	2,765	1,179	382	115	24	10	8	4	5
University	21,643	11,137	7,947	2,069	386	64	12	5	2	-	21
Unknown	1	1	-	-	-	-	-	-	-	-	-
Chinese											
Total	20,244	10,320	7,355	2,036	423	78	13	7	1	1	10
No Qualification	95	36	34	15	8	-	2	-	-	-	-
Primary	202	80	57	37	20	3	2	2	-	-	1
Secondary	1,397	574	499	206	78	28	6	4	1	1	-
Post Secondary	3,748	1,807	1,370	453	95	20	1	1	-	-	1
University	14,801	7,822	5,395	1,325	222	27	2	-	-	-	8
Unknown	1	1	-	-	-	-	-	-	-	-	-
Malays											
Total	8,102	3,014	2,403	1,515	661	286	114	56	30	19	4
No Qualification	122	23	32	25	17	11	7	2	4	1	-
Primary	469	124	107	94	52	43	21	13	8	7	-
Secondary	2,439	748	669	515	268	130	60	31	10	7	1
Post Secondary	3,219	1,322	982	561	236	78	20	7	7	4	2
University	1,853	797	613	320	88	24	6	3	1	-	1
Unknown	-	-	-	-	-	-	-	-	-	-	-
Indians											
Total	3,635	1,726	1,376	377	104	28	14	5	2	1	2
No Qualification	22	4	10	4	3	-	-	-	-	1	-
Primary	75	19	23	16	7	6	4	-	-	-	-
Secondary	421	150	126	99	32	4	6	2	2	-	-
Post Secondary	692	315	234	102	29	10	1	1	-	-	-
University	2,425	1,238	983	156	33	8	3	2	-	-	2
Unknown	-	-	-	-	-	-	-	-	-	-	-
Others											
Total	3,624	1,679	1,351	449	98	26	4	3	2	-	12
No Qualification	162	48	67	37	8	2	-	-	-	-	-
Primary	78	26	25	16	7	4	-	-	-	-	-
Secondary	324	106	124	65	18	8	1	2	-	-	-
Post Secondary	496	219	179	63	22	7	2	1	1	-	2
University	2,564	1,280	956	268	43	5	1	-	1	-	10
Unknown	-	-	-	-	-	-	-	-	-	-	-

*For births registered from 29 May 2022 onwards, birth order statistics are based solely on declared information.

**Table 24
LIVE BIRTHS BY AGE GROUP, ETHNIC GROUP
AND EDUCATIONAL QUALIFICATION OF MOTHER, 2022**

Age Group of Mother (years)	Total	Educational Qualification of Mother					
		No Qualification	Primary	Secondary	Post Secondary	University	Unknown
Total							
Total	35,605	401	824	4,581	8,155	21,643	1
Under 15	2	-	2	-	-	-	-
15 - 19	216	2	65	140	8	1	-
20 - 24	1,328	29	154	569	442	133	1
25 - 29	7,312	90	212	1,272	2,441	3,297	-
30 - 34	15,942	136	201	1,525	3,178	10,902	-
35 - 39	8,947	119	151	852	1,717	6,108	-
40 - 44	1,786	23	37	215	349	1,162	-
45 - 49	69	2	2	8	20	37	-
50 - 54	2	-	-	-	-	2	-
55 and Above	1	-	-	-	-	1	-
Unknown	-	-	-	-	-	-	-
Chinese							
Total	20,244	95	202	1,397	3,748	14,801	1
Under 15	-	-	-	-	-	-	-
15 - 19	55	-	20	29	5	1	-
20 - 24	387	2	29	155	146	54	1
25 - 29	3,283	22	55	332	845	2,029	-
30 - 34	9,882	33	42	481	1,517	7,809	-
35 - 39	5,486	29	47	314	1,005	4,091	-
40 - 44	1,104	8	9	82	218	787	-
45 - 49	45	1	-	4	12	28	-
50 - 54	1	-	-	-	-	1	-
55 and Above	1	-	-	-	-	1	-
Unknown	-	-	-	-	-	-	-
Malays							
Total	8,102	122	469	2,439	3,219	1,853	-
Under 15	1	-	1	-	-	-	-
15 - 19	137	-	43	92	2	-	-
20 - 24	673	14	102	316	219	22	-
25 - 29	2,744	21	122	741	1,267	593	-
30 - 34	2,977	37	111	785	1,197	847	-
35 - 39	1,306	43	69	410	451	333	-
40 - 44	256	6	21	93	79	57	-
45 - 49	8	1	-	2	4	1	-
50 - 54	-	-	-	-	-	-	-
55 and Above	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
Indians							
Total	3,635	22	75	421	692	2,425	-
Under 15	1	-	1	-	-	-	-
15 - 19	17	1	-	15	1	-	-
20 - 24	185	5	17	64	56	43	-
25 - 29	794	4	23	109	215	443	-
30 - 34	1,623	5	17	151	277	1,173	-
35 - 39	876	7	12	62	125	670	-
40 - 44	138	-	5	20	18	95	-
45 - 49	-	-	-	-	-	-	-
50 - 54	1	-	-	-	-	1	-
55 and Above	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-
Others							
Total	3,624	162	78	324	496	2,564	-
Under 15	-	-	-	-	-	-	-
15 - 19	7	1	2	4	-	-	-
20 - 24	83	8	6	34	21	14	-
25 - 29	491	43	12	90	114	232	-
30 - 34	1,460	61	31	108	187	1,073	-
35 - 39	1,279	40	23	66	136	1,014	-
40 - 44	288	9	2	20	34	223	-
45 - 49	16	-	2	2	4	8	-
50 - 54	-	-	-	-	-	-	-
55 and Above	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-

Table 25
MOTHERS BY AGE GROUP AND TYPE OF BIRTH, 2022

Age Group of Mother (years)	Total Number of Mothers	Type of Birth					Unknown
		Single births	Twins		Triplets	Quadruplets	
			2 Live births	1 Live birth & 1 Stillbirth	3 Live births	4 Live births	
Total	35,129	34,655	464	4	6	-	-
Under 15	2	2	-	-	-	-	-
15 - 19	214	212	2	-	-	-	-
20 - 24	1,322	1,316	6	-	-	-	-
25 - 29	7,250	7,187	60	2	1	-	-
30 - 34	15,746	15,552	192	-	2	-	-
35 - 39	8,778	8,609	165	2	2	-	-
40 - 44	1,747	1,709	37	-	1	-	-
45 - 49	67	65	2	-	-	-	-
50 - 54	2	2	-	-	-	-	-
55 and Above	1	1	-	-	-	-	-
Unknown	-	-	-	-	-	-	-

Table 26
LIVE BIRTHS BY BIRTH WEIGHT, AGE GROUP OF MOTHER
AND SEX OF CHILD, 2022

Birth Weight (grammes)	Total	Age Group of Mother (years)										Un- known
		Under 15	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	>= 55	
Total												
Total	35,605	2	216	1,328	7,312	15,942	8,947	1,786	69	2	1	-
Under 1,000	102	-	1	3	21	38	30	9	-	-	-	-
1,000 - 1,499	182	-	1	7	26	72	58	17	1	-	-	-
1,500 - 1,999	481	-	4	24	96	189	140	28	-	-	-	-
2,000 - 2,499	2,613	1	42	121	555	1,066	650	168	10	-	-	-
2,500 - 2,999	12,213	-	77	496	2,607	5,472	2,950	586	24	1	-	-
3,000 - 3,499	15,163	1	79	566	3,127	6,960	3,713	694	21	1	1	-
3,500 - 3,999	4,359	-	11	101	810	1,938	1,237	251	11	-	-	-
4,000 - 4,499	456	-	1	10	64	190	157	32	2	-	-	-
4,500 - 4,999	31	-	-	-	5	13	12	1	-	-	-	-
5,000 & over	4	-	-	-	1	3	-	-	-	-	-	-
Unknown	1	-	-	-	-	1	-	-	-	-	-	-
Males												
Total	18,344	1	106	660	3,755	8,159	4,704	917	40	1	1	-
Under 1,000	48	-	1	1	6	24	12	4	-	-	-	-
1,000 - 1,499	99	-	1	3	12	43	31	8	1	-	-	-
1,500 - 1,999	247	-	1	13	48	105	67	13	-	-	-	-
2,000 - 2,499	1,190	1	15	57	258	470	315	71	3	-	-	-
2,500 - 2,999	5,669	-	43	228	1,215	2,473	1,420	275	15	-	-	-
3,000 - 3,499	8,151	-	38	293	1,703	3,755	1,985	361	14	1	1	-
3,500 - 3,999	2,617	-	7	59	469	1,155	760	160	7	-	-	-
4,000 - 4,499	297	-	-	6	40	123	104	24	-	-	-	-
4,500 - 4,999	23	-	-	-	3	9	10	1	-	-	-	-
5,000 & over	3	-	-	-	1	2	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-	-
Females												
Total	17,261	1	110	668	3,557	7,783	4,243	869	29	1	-	-
Under 1,000	54	-	-	2	15	14	18	5	-	-	-	-
1,000 - 1,499	83	-	-	4	14	29	27	9	-	-	-	-
1,500 - 1,999	234	-	3	11	48	84	73	15	-	-	-	-
2,000 - 2,499	1,423	-	27	64	297	596	335	97	7	-	-	-
2,500 - 2,999	6,544	-	34	268	1,392	2,999	1,530	311	9	1	-	-
3,000 - 3,499	7,012	1	41	273	1,424	3,205	1,728	333	7	-	-	-
3,500 - 3,999	1,742	-	4	42	341	783	477	91	4	-	-	-
4,000 - 4,499	159	-	1	4	24	67	53	8	2	-	-	-
4,500 - 4,999	8	-	-	-	2	4	2	-	-	-	-	-
5,000 & over	1	-	-	-	-	1	-	-	-	-	-	-
Unknown	1	-	-	-	-	1	-	-	-	-	-	-

Table 27
LIVE BIRTHS (SINGLE BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2022

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	34,655	78	134	348	2,197	11,917	15,130	4,359	456	35	1
Under 28	84	65	17	1	1	-	-	-	-	-	-
28	35	8	26	-	1	-	-	-	-	-	-
29	34	3	20	11	-	-	-	-	-	-	-
30	29	2	12	12	2	1	-	-	-	-	-
31	58	-	21	36	-	1	-	-	-	-	-
32	94	-	14	60	18	2	-	-	-	-	-
33	144	-	12	61	66	5	-	-	-	-	-
34	233	-	7	41	138	41	6	-	-	-	-
35	452	-	3	38	221	164	22	4	-	-	-
36	1,101	-	1	39	332	539	160	22	6	2	-
37	5,028	-	-	42	731	2,417	1,487	309	39	3	-
38	11,843	-	-	7	511	4,664	5,303	1,234	117	7	-
39	10,717	-	-	-	149	3,166	5,565	1,681	149	7	-
40	4,477	-	1	-	23	883	2,446	997	117	10	-
41	307	-	-	-	3	30	135	107	28	4	-
42 & over	15	-	-	-	1	2	5	5	-	2	-
Unknown	4	-	-	-	-	2	1	-	-	-	1
Males											
Total	17,861	35	77	188	992	5,501	8,128	2,617	297	26	-
Under 28	48	32	14	1	1	-	-	-	-	-	-
28	19	2	16	-	1	-	-	-	-	-	-
29	18	-	12	6	-	-	-	-	-	-	-
30	16	1	8	4	2	1	-	-	-	-	-
31	32	-	9	22	-	1	-	-	-	-	-
32	60	-	5	40	13	2	-	-	-	-	-
33	81	-	6	36	35	4	-	-	-	-	-
34	144	-	5	17	88	29	5	-	-	-	-
35	264	-	2	24	116	105	14	3	-	-	-
36	633	-	-	18	179	310	108	12	5	1	-
37	2,712	-	-	17	320	1,238	924	187	23	3	-
38	6,172	-	-	3	184	2,160	2,963	774	84	4	-
39	5,389	-	-	-	41	1,309	2,921	1,012	99	7	-
40	2,121	-	-	-	11	325	1,133	578	67	7	-
41	140	-	-	-	1	14	55	49	19	2	-
42 & over	9	-	-	-	-	1	4	2	-	2	-
Unknown	3	-	-	-	-	2	1	-	-	-	-
Females											
Total	16,794	43	57	160	1,205	6,416	7,002	1,742	159	9	1
Under 28	36	33	3	-	-	-	-	-	-	-	-
28	16	6	10	-	-	-	-	-	-	-	-
29	16	3	8	5	-	-	-	-	-	-	-
30	13	1	4	8	-	-	-	-	-	-	-
31	26	-	12	14	-	-	-	-	-	-	-
32	34	-	9	20	5	-	-	-	-	-	-
33	63	-	6	25	31	1	-	-	-	-	-
34	89	-	2	24	50	12	1	-	-	-	-
35	188	-	1	14	105	59	8	1	-	-	-
36	468	-	1	21	153	229	52	10	1	1	-
37	2,316	-	-	25	411	1,179	563	122	16	-	-
38	5,671	-	-	4	327	2,504	2,340	460	33	3	-
39	5,328	-	-	-	108	1,857	2,644	669	50	-	-
40	2,356	-	1	-	12	558	1,313	419	50	3	-
41	167	-	-	-	2	16	80	58	9	2	-
42 & over	6	-	-	-	1	1	1	3	-	-	-
Unknown	1	-	-	-	-	-	-	-	-	-	1

Table 28
LIVE BIRTHS (TWIN BIRTHS) BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2022

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	932	23	39	129	412	296	33	-	-	-	-
Under 28	28	21	7	-	-	-	-	-	-	-	-
28	12	2	9	1	-	-	-	-	-	-	-
29	4	-	4	-	-	-	-	-	-	-	-
30	12	-	4	8	-	-	-	-	-	-	-
31	18	-	5	13	-	-	-	-	-	-	-
32	21	-	3	16	2	-	-	-	-	-	-
33	27	-	2	11	12	2	-	-	-	-	-
34	61	-	4	31	24	2	-	-	-	-	-
35	130	-	-	21	89	20	-	-	-	-	-
36	277	-	-	20	163	87	7	-	-	-	-
37	280	-	1	8	105	154	12	-	-	-	-
38	54	-	-	-	17	28	9	-	-	-	-
39	6	-	-	-	-	2	4	-	-	-	-
40	2	-	-	-	-	1	1	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Males											
Total	476	12	18	58	197	168	23	-	-	-	-
Under 28	17	12	5	-	-	-	-	-	-	-	-
28	7	-	7	-	-	-	-	-	-	-	-
29	1	-	1	-	-	-	-	-	-	-	-
30	4	-	1	3	-	-	-	-	-	-	-
31	11	-	3	8	-	-	-	-	-	-	-
32	14	-	1	13	-	-	-	-	-	-	-
33	13	-	-	3	8	2	-	-	-	-	-
34	22	-	-	11	10	1	-	-	-	-	-
35	58	-	-	7	38	13	-	-	-	-	-
36	153	-	-	9	83	58	3	-	-	-	-
37	140	-	-	4	47	79	10	-	-	-	-
38	31	-	-	-	11	13	7	-	-	-	-
39	5	-	-	-	-	2	3	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-
Females											
Total	456	11	21	71	215	128	10	-	-	-	-
Under 28	11	9	2	-	-	-	-	-	-	-	-
28	5	2	2	1	-	-	-	-	-	-	-
29	3	-	3	-	-	-	-	-	-	-	-
30	8	-	3	5	-	-	-	-	-	-	-
31	7	-	2	5	-	-	-	-	-	-	-
32	7	-	2	3	2	-	-	-	-	-	-
33	14	-	2	8	4	-	-	-	-	-	-
34	39	-	4	20	14	1	-	-	-	-	-
35	72	-	-	14	51	7	-	-	-	-	-
36	124	-	-	11	80	29	4	-	-	-	-
37	140	-	1	4	58	75	2	-	-	-	-
38	23	-	-	-	6	15	2	-	-	-	-
39	1	-	-	-	-	-	1	-	-	-	-
40	2	-	-	-	-	1	1	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-	-

Table 29
STILLBIRTHS BY ETHNIC GROUP OF MOTHER AND SEX OF CHILD,
JANUARY - DECEMBER, 2022

Month	Total			Chinese		Malays		Indians		Others	
	Total*	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	110	54	53	23	27	16	15	5	5	10	6
January	5	2	3	1	1	-	1	-	-	1	1
February	3	2	1	1	-	-	1	1	-	-	-
March	5	3	2	1	1	1	1	-	-	1	-
April	7	3	4	-	4	2	-	-	-	1	-
May	7	3	4	-	2	3	1	-	1	-	-
June	14	7	7	4	2	1	4	1	-	1	1
July	11	4	7	4	6	-	-	-	1	-	-
August	14	7	5	2	2	2	2	2	-	1	1
September	7	3	4	1	2	2	2	-	-	-	-
October	18	8	9	3	6	2	2	1	1	2	-
November	10	6	4	2	-	2	1	-	2	2	1
December	9	6	3	4	1	1	-	-	-	1	2

*Include 3 unknown sex.

Table 30
STILLBIRTHS BY ATTENDANT AT BIRTH,
ETHNIC GROUP OF MOTHER AND SEX OF CHILD, 2022

Attendant at Birth	Total			Chinese		Malays		Indians		Others	
	Total*	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	110	54	53	23	27	16	15	5	5	10	6
Doctor in Public Sector Hospitals	52	31	20	13	9	9	7	3	1	6	3
Doctor in Private Sector Hospitals	24	8	16	3	11	1	1	1	2	3	2
Midwife or Nurse in Public Sector Hospitals	26	11	14	6	4	4	7	1	2	-	1
Midwife or Nurse in Private Sector Hospitals	3	1	2	1	2	-	-	-	-	-	-
Ambulance Officer / Paramedic	-	-	-	-	-	-	-	-	-	-	-
Delivery without aid of Doctor, Midwife or Nurse	4	2	1	-	1	1	-	-	-	1	-
Unknown	1	1	-	-	-	1	-	-	-	-	-

*Include 3 unknown sex.

Table 31
STILLBIRTHS BY PLACE OF OCCURRENCE AND
ETHNIC GROUP OF MOTHER, 2022

Place of Occurrence	Total	Chinese	Malays	Indians	Others
Total	110	51	32	11	16
Public Sector Hospitals	83	34	30	8	11
Private Sector Hospitals	26	16	2	3	5
Residence	1	1	-	-	-
Other Locations	-	-	-	-	-

Table 32
STILLBIRTHS BY BIRTH WEIGHT,
AGE GROUP OF MOTHER AND SEX OF CHILD, 2022

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	110	54	53	-	-	-	-	5	3	9	7	21	31	15	8	4	3	-	1	-	-
Under 1,000	45	20	23	-	-	-	-	3	-	5	5	9	14	2	3	1	-	-	1	-	-
1,000-1,499	21	14	6	-	-	-	-	2	1	2	1	4	3	5	1	1	-	-	-	-	-
1,500-1,999	18	8	10	-	-	-	-	-	1	1	-	2	5	4	3	1	1	-	-	-	-
2,000-2,499	10	5	5	-	-	-	-	-	-	-	-	3	4	2	1	-	-	-	-	-	-
2,500-2,999	7	3	4	-	-	-	-	-	-	-	-	2	3	1	-	-	1	-	-	-	-
3,000-3,499	4	1	3	-	-	-	-	-	1	-	-	-	1	-	-	1	1	-	-	-	-
3,500-3,999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,000 & over	4	2	2	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-
Unknown	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-

*Include 3 unknown sex.

**Table 33A
STILLBIRTHS BY PERIOD OF GESTATION, BIRTH WEIGHT, 2022**

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	110	45	21	18	10	7	4	-	4	1
22	7	7	-	-	-	-	-	-	-	-
23	11	11	-	-	-	-	-	-	-	-
24	7	6	1	-	-	-	-	-	-	-
25	5	5	-	-	-	-	-	-	-	-
26	6	6	-	-	-	-	-	-	-	-
27	4	3	1	-	-	-	-	-	-	-
28	6	3	3	-	-	-	-	-	-	-
29	3	1	2	-	-	-	-	-	-	-
30	5	1	3	1	-	-	-	-	-	-
31	7	1	2	4	-	-	-	-	-	-
32	11	1	4	6	-	-	-	-	-	-
33	9	-	1	3	4	-	-	-	1	-
34	3	-	1	1	1	-	-	-	-	-
35	4	-	1	2	1	-	-	-	-	-
36	8	-	1	1	3	-	1	-	2	-
37	6	-	1	-	1	2	2	-	-	-
38	4	-	-	-	-	4	-	-	-	-
39	2	-	-	-	-	1	1	-	-	-
40	1	-	-	-	-	-	-	-	1	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	1	-	-	-	-	-	-	-	-	1

*Include 3 unknown sex.

Table 33B
STILLBIRTHS BY PERIOD OF GESTATION, BIRTH WEIGHT
AND SEX OF CHILD, 2022

Period of Gestation (weeks)	Total	Birth Weight (<i>grammes</i>)								
		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
Males										
Total	54	20	14	8	5	3	1	-	2	1
22	3	3	-	-	-	-	-	-	-	-
23	3	3	-	-	-	-	-	-	-	-
24	3	3	-	-	-	-	-	-	-	-
25	4	4	-	-	-	-	-	-	-	-
26	3	3	-	-	-	-	-	-	-	-
27	1	-	1	-	-	-	-	-	-	-
28	5	2	3	-	-	-	-	-	-	-
29	1	1	-	-	-	-	-	-	-	-
30	2	-	2	-	-	-	-	-	-	-
31	5	1	2	2	-	-	-	-	-	-
32	7	-	3	4	-	-	-	-	-	-
33	1	-	-	-	1	-	-	-	-	-
34	3	-	1	1	1	-	-	-	-	-
35	3	-	1	1	1	-	-	-	-	-
36	3	-	-	-	2	-	-	-	1	-
37	3	-	1	-	-	1	1	-	-	-
38	2	-	-	-	-	2	-	-	-	-
39	-	-	-	-	-	-	-	-	-	-
40	1	-	-	-	-	-	-	-	1	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	1	-	-	-	-	-	-	-	-	1
Females										
Total	53	23	6	10	5	4	3	-	2	-
22	2	2	-	-	-	-	-	-	-	-
23	8	8	-	-	-	-	-	-	-	-
24	4	3	1	-	-	-	-	-	-	-
25	1	1	-	-	-	-	-	-	-	-
26	3	3	-	-	-	-	-	-	-	-
27	3	3	-	-	-	-	-	-	-	-
28	1	1	-	-	-	-	-	-	-	-
29	2	-	2	-	-	-	-	-	-	-
30	3	1	1	1	-	-	-	-	-	-
31	2	-	-	2	-	-	-	-	-	-
32	4	1	1	2	-	-	-	-	-	-
33	7	-	-	3	3	-	-	-	1	-
34	-	-	-	-	-	-	-	-	-	-
35	1	-	-	1	-	-	-	-	-	-
36	5	-	1	1	1	-	1	-	1	-
37	3	-	-	-	1	1	1	-	-	-
38	2	-	-	-	-	2	-	-	-	-
39	2	-	-	-	-	1	1	-	-	-
40	-	-	-	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-	-	-	-
42 & over	-	-	-	-	-	-	-	-	-	-
Unknown	-	-	-	-	-	-	-	-	-	-

Table 34
DEATHS BY ETHNIC GROUP AND SEX,
JANUARY - DECEMBER 2022

Month	Total			Chinese		Malays		Indians		Others	
	Total*	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	26,891	14,601	12,289	11,041	9,342	2,005	1,823	1,230	875	325	249
January	1,982	1,092	890	840	663	146	142	89	67	17	18
February	2,135	1,168	967	846	731	167	141	123	78	32	17
March	2,649	1,478	1,171	1,101	914	210	166	131	72	36	19
April	2,138	1,171	967	900	732	161	141	87	72	23	22
May	2,249	1,202	1,046	926	796	156	152	92	80	28	18
June	2,110	1,113	997	836	759	162	140	94	76	21	22
July	2,391	1,303	1,088	982	840	189	165	101	63	31	20
August	2,346	1,266	1,080	939	819	186	165	103	75	38	21
September	2,125	1,188	937	889	707	168	141	104	70	27	19
October	2,371	1,249	1,122	968	845	157	169	100	85	24	23
November	2,163	1,176	987	908	765	148	139	97	59	23	24
December	2,232	1,195	1,037	906	771	155	162	109	78	25	26

*Include 1 unknown sex.

Table 35
DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2022

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	26,891	20,384	3,828	2,105	574
Public Sector Hospitals	16,122	12,169	2,241	1,395	317
Private Sector Hospitals	584	454	56	43	31
Nursing Homes & Clinics	413	360	28	19	6
Public & Charitable Institutions	1,363	1,126	151	68	18
Licensed Sick Receiving Houses	1,117	979	71	48	19
Residence	6,777	4,951	1,226	449	151
Other Locations	515	345	55	83	32

Table 36
INFANT DEATHS BY ETHNIC GROUP AND SEX,
JANUARY - DECEMBER 2022

Month	Total			Chinese		Malays		Indians		Others	
	Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
Total	69	37	32	18	14	10	11	8	4	1	3
January	6	2	4	1	1	1	-	-	2	-	1
February	-	-	-	-	-	-	-	-	-	-	-
March	8	6	2	-	1	2	1	4	-	-	-
April	4	1	3	-	-	-	2	1	-	-	1
May	5	3	2	2	-	-	1	1	1	-	-
June	9	6	3	4	2	1	1	1	-	-	-
July	5	4	1	2	-	2	1	-	-	-	-
August	7	2	5	1	3	1	1	-	1	-	-
September	7	3	4	2	3	-	1	1	-	-	-
October	4	3	1	3	-	-	1	-	-	-	-
November	6	4	2	3	2	1	-	-	-	-	-
December	8	3	5	-	2	2	2	-	-	1	1

Table 37
INFANT DEATHS BY PLACE OF OCCURRENCE AND ETHNIC GROUP, 2022

Place of Occurrence	Total	Ethnic Group			
		Chinese	Malays	Indians	Others
Total	69	32	21	12	4
Public Sector Hospitals	59	28	17	10	4
Private Sector Hospitals	4	2	1	1	-
Nursing Homes & Clinics	-	-	-	-	-
Residence	6	2	3	1	-
Other Locations	-	-	-	-	-

Table 38
INFANT DEATHS BY AGE, ETHNIC GROUP AND SEX, 2022

Age	Total			Chinese		Malays		Indians		Others	
	Total	M	F	M	F	M	F	M	F	M	F
Total Infant Deaths	69	37	32	18	14	10	11	8	4	1	3
Under 28 days (<i>Neo-Natal Deaths</i>)	41	22	19	14	10	5	5	3	3	-	1
<i>Under 1 day</i>	8	6	2	3	-	2	1	1	1	-	-
<i>1 day and under 2 days</i>	11	5	6	2	4	3	1	-	1	-	-
<i>2 days and under 3 days</i>	2	1	1	1	1	-	-	-	-	-	-
<i>3 days and under 4 days</i>	3	1	2	1	2	-	-	-	-	-	-
<i>4 days and under 5 days</i>	1	-	1	-	-	-	1	-	-	-	-
<i>5 days and under 6 days</i>	3	1	2	1	1	-	1	-	-	-	-
<i>6 days and under 7 days</i>	2	2	-	1	-	-	-	1	-	-	-
<i>7 days and under 14 days</i>	3	2	1	1	-	-	-	1	1	-	-
<i>14 days and under 21 days</i>	4	2	2	2	1	-	-	-	-	-	1
<i>21 days and under 28 days</i>	4	2	2	2	1	-	1	-	-	-	-
28 days and under 2 months	8	4	4	1	-	2	3	1	-	-	1
2 months and under 3 months	8	5	3	1	1	1	1	3	-	-	1
3 months and under 4 months	2	1	1	1	-	-	-	-	1	-	-
4 months and under 5 months	1	1	-	-	-	1	-	-	-	-	-
5 months and under 6 months	-	-	-	-	-	-	-	-	-	-	-
6 months and under 7 months	2	1	1	-	-	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	-	-	-	-	-	-	-	-	-	-	-
10 months and under 11 months	3	1	2	-	2	-	-	-	-	1	-
11 months and under 1 year	1	1	-	1	-	-	-	-	-	-	-

Table 39
DEATHS BY AGE GROUP, ETHNIC GROUP & SEX, 2022

Age Group (years)	Total			Chinese		Malays		Indians		Others	
	Total*	M	F	M	F	M	F	M	F	M	F
Total	26,891	14,601	12,289	11,041	9,342	2,005	1,823	1,230	875	325	249
Under 1	69	37	32	18	14	10	11	8	4	1	3
1 & under 2	5	4	1	1	-	-	1	2	-	1	-
2 & under 3	6	5	1	3	-	1	1	-	-	1	-
3 & under 4	5	3	2	-	1	3	1	-	-	-	-
4 & under 5	8	3	5	2	-	1	4	-	-	-	1
5 - 9	22	11	11	3	8	4	2	2	1	2	-
10 - 14	38	23	15	16	9	4	4	1	1	2	1
15 - 19	46	26	20	17	13	2	2	5	1	2	4
20 - 24	100	71	29	39	17	10	10	19	1	3	1
25 - 29	139	107	32	44	15	17	6	35	6	11	5
30 - 34	186	133	53	50	30	26	14	44	2	13	7
35 - 39	247	155	92	67	46	33	27	43	11	12	8
40 - 44	313	214	99	117	46	32	32	42	12	23	9
45 - 49	518	337	181	202	106	59	38	57	14	19	23
50 - 54	756	493	263	301	162	103	55	74	24	15	22
55 - 59	1,157	731	426	457	253	166	118	89	39	19	16
60 - 64	1,885	1,202	683	796	432	237	173	136	69	33	9
65 - 69	2,576	1,657	919	1,213	620	283	197	133	91	28	11
70 - 74	3,166	1,993	1,173	1,551	821	274	229	135	108	33	15
75 - 79	3,175	1,859	1,316	1,502	973	210	222	116	103	31	18
80 - 84	4,178	2,208	1,970	1,875	1,575	194	240	104	123	35	32
85 - 89	3,959	1,821	2,138	1,524	1,713	190	260	90	140	17	25
90 & over	4,336	1,508	2,828	1,243	2,488	146	176	95	125	24	39
Unknown	1	-	-	-	-	-	-	-	-	-	-

*Include 1 unknown sex.

**Table 40
DEATHS BY AGE GROUP, MARITAL STATUS AND SEX, 2022**

Age Group (years)	Total*	Single	Married	Widowed	Divorced	Unknown
	Total					
Total	26,891	3,205	20,390	1,602	576	1,118
Under 15	153	148	-	-	-	5
15 - 19	46	45	-	-	-	1
20 - 29	239	214	16	-	2	7
30 - 39	433	216	188	2	6	21
40 - 49	831	233	523	3	41	31
50 - 59	1,913	466	1,284	19	89	55
60 - 69	4,461	713	3,406	70	176	96
70 - 79	6,341	644	5,098	242	128	229
80 - 89	8,137	402	6,535	641	111	448
90 & over	4,336	124	3,340	625	23	224
Unknown	1	-	-	-	-	1
	Males					
Total	14,601	2,040	11,323	332	377	529
Under 15	86	82	-	-	-	4
15 - 19	26	26	-	-	-	-
20 - 29	178	160	13	-	-	5
30 - 39	288	150	118	-	3	17
40 - 49	551	164	335	2	29	21
50 - 59	1,224	316	800	9	63	36
60 - 69	2,859	465	2,178	27	128	61
70 - 79	3,852	406	3,184	71	82	109
80 - 89	4,029	225	3,389	142	63	210
90 & over	1,508	46	1,306	81	9	66
Unknown	-	-	-	-	-	-
	Females					
Total	12,289	1,165	9,067	1,270	199	588
Under 15	67	66	-	-	-	1
15 - 19	20	19	-	-	-	1
20 - 29	61	54	3	-	2	2
30 - 39	145	66	70	2	3	4
40 - 49	280	69	188	1	12	10
50 - 59	689	150	484	10	26	19
60 - 69	1,602	248	1,228	43	48	35
70 - 79	2,489	238	1,914	171	46	120
80 - 89	4,108	177	3,146	499	48	238
90 & over	2,828	78	2,034	544	14	158
Unknown	-	-	-	-	-	-

*Include 1 unknown sex.

**Table 41
DEATHS BY AGE GROUP, OCCUPATION AND SEX, 2022**

Age Group (years)	Total*	Legislators, Senior Officials & Managers	Professionals	Technicians & Associate Professionals	Clerical Workers	Service Workers, Shop & Market Sales Workers	Agricultural & Fishery Workers	Production Craftsmen & Other Related Workers	Workers Not Classifiable By Occupation	Not Working
Total										
Total	26,891	43	35	59	30	139	3	197	48	26,337
Under 15	153	-	-	-	-	-	-	-	-	153
15 - 19	46	-	-	-	-	-	-	-	1	45
20 - 29	239	-	3	4	1	14	-	18	-	199
30 - 39	433	5	4	10	10	17	-	28	1	358
40 - 49	831	18	8	15	5	30	-	40	10	705
50 - 59	1,913	10	13	20	7	34	3	58	25	1,743
60 - 69	4,461	7	7	9	4	32	-	45	10	4,347
70 - 79	6,341	3	-	1	3	10	-	8	1	6,315
80 - 89	8,137	-	-	-	-	2	-	-	-	8,135
90 & over	4,336	-	-	-	-	-	-	-	-	4,336
Unknown	1	-	-	-	-	-	-	-	-	1
Males										
Total	14,601	35	24	50	11	117	3	170	27	14,164
Under 15	86	-	-	-	-	-	-	-	-	86
15 - 19	26	-	-	-	-	-	-	-	1	25
20 - 29	178	-	2	2	-	12	-	15	-	147
30 - 39	288	3	2	8	3	12	-	25	-	235
40 - 49	551	15	6	11	2	24	-	31	8	454
50 - 59	1,224	8	10	19	3	29	3	52	13	1,087
60 - 69	2,859	6	4	9	3	28	-	41	4	2,764
70 - 79	3,852	3	-	1	-	10	-	6	1	3,831
80 - 89	4,029	-	-	-	-	2	-	-	-	4,027
90 & over	1,508	-	-	-	-	-	-	-	-	1,508
Unknown	-	-	-	-	-	-	-	-	-	-
Females										
Total	12,289	8	11	9	19	22	-	27	21	12,172
Under 15	67	-	-	-	-	-	-	-	-	67
15 - 19	20	-	-	-	-	-	-	-	-	20
20 - 29	61	-	1	2	1	2	-	3	-	52
30 - 39	145	2	2	2	7	5	-	3	1	123
40 - 49	280	3	2	4	3	6	-	9	2	251
50 - 59	689	2	3	1	4	5	-	6	12	656
60 - 69	1,602	1	3	-	1	4	-	4	6	1,583
70 - 79	2,489	-	-	-	3	-	-	2	-	2,484
80 - 89	4,108	-	-	-	-	-	-	-	-	4,108
90 & over	2,828	-	-	-	-	-	-	-	-	2,828
Unknown	-	-	-	-	-	-	-	-	-	-

*Include 1 unknown sex.

Table 42
DEATHS BY CAUSE AND TYPE OF CERTIFICATION, 2022

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
	All Causes		26,891	25,883	1,008
1-001	Certain infectious and parasitic diseases	A00-B99	1,402	1,402	-
1-002	Cholera	A00	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	A09	21	21	-
1-004	Other intestinal infectious diseases	A01-A08	18	18	-
1-005	Respiratory tuberculosis	A15-A16	15	15	-
1-006	Other tuberculosis	A17-19	7	7	-
1-007	Plague	A20	-	-	-
1-008	Tetanus	A33-A35	-	-	-
1-009	Diphtheria	A36	-	-	-
1-010	Whooping cough	A37	-	-	-
1-011	Meningococcal infection	A39	1	1	-
1-012	Septicaemia	A40-A41	108	108	-
1-013	Infections with a predominantly sexual mode of transmission	A50-64	2	2	-
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	21	21	-
1-018	Measles	B05	-	-	-
1-019	Viral hepatitis	B15-B19	4	4	-
1-020	Human immunodeficiency virus [HIV] disease	B20-B24	7	7	-
1-021	Malaria	B50-B54	-	-	-
1-022	Leishmaniasis	B55	-	-	-
1-023	Trypanosomiasis	B56-B57	-	-	-
1-024	Schistosomiasis	B65	1	1	-
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	1,197	1,197	-
1-026	Neoplasms	C00-D48	6,702	6,702	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	212	212	-
1-028	Malignant neoplasm of oesophagus	C15	129	129	-
1-029	Malignant neoplasm of stomach	C16	310	310	-
1-030	Malignant neoplasm of colon, rectum and anus	C18-C21	927	927	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	C22	579	579	-
1-032	Malignant neoplasm of pancreas	C25	505	505	-
1-033	Malignant neoplasm of larynx	C32	20	20	-
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	1,278	1,278	-
1-035	Malignant melanoma of skin	C43	26	26	-
1-036	Malignant neoplasm of breast	C50	502	502	-
1-037	Malignant neoplasm of cervix uteri	C53	65	65	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	C54-C55	117	117	-
1-039	Malignant neoplasm of ovary	C56	151	151	-
1-040	Malignant neoplasm of prostate	C61	255	255	-
1-041	Malignant neoplasm of bladder	C67	101	101	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	C70-C72	108	108	-
1-043	Non-Hodgkin's lymphoma	C82-C85	218	218	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	C90	55	55	-
1-045	Leukaemia	C91-C95	170	170	-
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	702	702	-
1-047	Remainder of neoplasms	D00-D48	272	272	-

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, 2022

Listing	Description of Cause of Death	ICD 10 Code	Total	Certified By	
				Doctors	Coroners
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	16	16	-
1-049	Anaemias	D50-D64	4	4	-
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	12	12	-
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	270	270	-
1-052	Diabetes mellitus	E10-E14	254	254	-
1-053	Malnutrition	E40-E46	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	E00-E07,E15-E34,E50-E88	16	16	-
1-055	Mental and behavioural disorders	F01-F99	14	14	-
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	14	14	-
1-058	Diseases of the nervous system	G00-G98	193	193	-
1-059	Meningitis	G00,G03	5	5	-
1-060	Alzheimer's disease	G30	5	5	-
1-061	Remainder of diseases of the nervous system	G04-G25,G31-G98	183	183	-
1-062	Diseases of the eye and adnexa	H00-H57	-	-	-
1-063	Diseases of the ear and mastoid process	H60-H93	4	4	-
1-064	Diseases of the circulatory system	I00-I99	8,833	8,832	1
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09	42	42	-
1-066	Hypertensive diseases	I10-I13	988	988	-
1-067	Ischaemic heart diseases	I20-I25	5,290	5,290	-
1-068	Other heart diseases	I26-I51	565	564	1
1-069	Cerebrovascular diseases	I60-I69	1,554	1,554	-
1-070	Atherosclerosis	I70	59	59	-
1-071	Remainder of diseases of the circulatory system	I71-I99	335	335	-
1-072	Diseases of the respiratory system	J00-J98	5,949	5,949	-
1-073	Influenza	J09-J11	5	5	-
1-074	Pneumonia	J12-J18	5,391	5,391	-
1-075	Other acute lower respiratory infections	J20-J22	4	4	-
1-076	Chronic lower respiratory diseases	J40-J47	406	406	-
1-077	Remainder of diseases of the respiratory system	J00-J06,J30-J39,J60-J98	143	143	-
1-078	Diseases of the digestive system	K00-K92	751	751	-
1-079	Gastric and duodenal ulcer	K25-K27	51	51	-
1-080	Diseases of the liver	K70-K76	245	245	-
1-081	Remainder of diseases of the digestive system	K00-K22,K28-K66,K80-K92	455	455	-
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	183	183	-
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	103	103	-
1-084	Diseases of the genitourinary system	N00-N98	1,385	1,385	-
1-085	Glomerular and renal tubulo-interstitial diseases	N00-N15	21	21	-
1-086	Remainder of diseases of the genitourinary system	N17-N98	1,364	1,364	-
1-087	Pregnancy, childbirth and the puerperium	O00-O99	1	1	-
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	-	-	-
1-092	Certain conditions originating in the perinatal period	P00-P96	36	36	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	34	34	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	125	8	117
1-095	External causes of morbidity and mortality	V01-Y89	890	-	890
1-096	Transport accidents	V01-V99	121	-	121
1-097	Falls	W00-W19	179	-	179
1-098	Accidental drowning and submersion	W65-W74	18	-	18
1-099	Exposure to smoke, fire and flames	X00-X09	4	-	4
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	27	-	27
1-101	Intentional self-harm	X60-X84	476	-	476
1-102	Assault	X85-Y09	5	-	5
1-103	All other external causes	W20-W64,W75-W99,X10-X39,X50-X59,Y10-Y89	60	-	60

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, 2020 - 2022

Listing	Description of Cause of Death	Deaths			Death Rates		
		2020	2021	2022	2020	2021	2022
	All Causes	Number			Per 100,000 Residents		
		22,054	24,292	26,891	518.89	583.67	628.15
1-001	Certain infectious and parasitic diseases	216	982	1,402	5.02	24.03	33.17
1-002	Cholera	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	21	12	21	0.52	0.30	0.44
1-004	Other intestinal infectious diseases	13	14	18	0.30	0.35	0.42
1-005	Respiratory tuberculosis	16	9	15	0.35	0.23	0.32
1-006	Other tuberculosis	5	2	7	0.12	0.05	0.15
1-007	Plague	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-
1-011	Meningococcal infection	2	-	1	0.05	-	0.02
1-012	Septicaemia	60	59	108	1.41	1.43	2.55
1-013	Infections with a predominantly sexual mode of transmission	-	-	2	-	-	0.05
1-014	Acute poliomyelitis	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	32	6	21	0.77	0.08	0.47
1-018	Measles	-	-	-	-	-	-
1-019	Viral hepatitis	-	5	4	-	0.13	0.07
1-020	Human immunodeficiency virus [HIV] disease	13	6	7	0.32	0.15	0.17
1-021	Malaria	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	1	-	-	0.02
1-025	Remainder of certain infectious and parasitic diseases	54	869	1,197	1.19	21.32	28.48
1-026	Neoplasms	6,480	6,605	6,702	154.32	160.25	157.39
1-027	Malignant neoplasm of lip, oral cavity and pharynx	190	204	212	4.62	5.02	5.03
1-028	Malignant neoplasm of oesophagus	135	114	129	3.26	2.76	3.00
1-029	Malignant neoplasm of stomach	333	286	310	8.04	6.97	7.29
1-030	Malignant neoplasm of colon, rectum and anus	904	1,003	927	21.69	24.36	22.02
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	589	605	579	13.92	14.67	13.38
1-032	Malignant neoplasm of pancreas	447	498	505	10.58	12.11	11.83
1-033	Malignant neoplasm of larynx	26	33	20	0.64	0.83	0.49
1-034	Malignant neoplasm of trachea, bronchus and lung	1,276	1,244	1,278	30.66	30.50	30.25
1-035	Malignant melanoma of skin	26	22	26	0.59	0.50	0.59
1-036	Malignant neoplasm of breast	491	525	502	11.75	12.74	11.81
1-037	Malignant neoplasm of cervix uteri	82	81	65	1.93	1.88	1.57
1-038	Malignant neoplasm of other and unspecified parts of uterus	96	130	117	2.27	3.16	2.82
1-039	Malignant neoplasm of ovary	139	138	151	3.39	3.34	3.51
1-040	Malignant neoplasm of prostate	257	215	255	6.11	5.22	5.94
1-041	Malignant neoplasm of bladder	93	97	101	2.23	2.33	2.41
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	124	103	108	2.92	2.38	2.58
1-043	Non-Hodgkin's lymphoma	205	184	218	4.72	4.46	5.16
1-044	Multiple myeloma and malignant plasma cell neoplasms	54	73	55	1.26	1.81	1.33
1-045	Leukaemia	181	187	170	4.06	4.19	3.73
1-046	Remainder of malignant neoplasms	658	670	702	15.58	16.30	16.30
1-047	Remainder of neoplasms	174	193	272	4.10	4.72	6.36

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, 2020 - 2022

Listing	Description of Cause of Death	Deaths			Death Rates		
		2020	2021	2022	2020	2021	2022
		Number			Per 100,000 Residents		
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	12	14	16	0.27	0.35	0.34
1-049	Anaemias	1	5	4	0.02	0.13	0.10
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	11	9	12	0.25	0.23	0.25
1-051	Endocrine, nutritional and metabolic diseases	286	301	270	6.87	7.35	6.51
1-052	Diabetes mellitus	274	274	254	6.63	6.70	6.14
1-053	Malnutrition	-	1	-	-	0.03	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	12	26	16	0.25	0.63	0.37
1-055	Mental and behavioural disorders	3	3	14	0.07	0.08	0.34
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	3	3	14	0.07	0.08	0.34
1-058	Diseases of the nervous system	154	206	193	3.54	5.09	4.47
1-059	Meningitis	2	3	5	0.02	0.08	0.07
1-060	Alzheimer's disease	7	5	5	0.17	0.13	0.12
1-061	Remainder of diseases of the nervous system	145	198	183	3.34	4.89	4.27
1-062	Diseases of the eye and adnexa	-	-	-	-	-	-
1-063	Diseases of the ear and mastoid process	2	3	4	0.05	0.08	0.10
1-064	Diseases of the circulatory system	7,296	8,126	8,833	169.75	193.54	204.38
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	26	23	42	0.62	0.53	1.01
1-066	Hypertensive diseases	637	818	988	14.49	19.54	23.08
1-067	Ischaemic heart diseases	4,523	4,873	5,290	105.58	116.31	122.58
1-068	Other heart diseases	447	525	565	10.14	12.14	12.64
1-069	Cerebrovascular diseases	1,328	1,492	1,554	30.98	35.62	35.82
1-070	Atherosclerosis	55	54	59	1.36	1.30	1.42
1-071	Remainder of diseases of the circulatory system	280	341	335	6.58	8.10	7.83
1-072	Diseases of the respiratory system	4,610	4,941	5,949	110.92	120.80	142.61
1-073	Influenza	-	-	5	-	-	0.12
1-074	Pneumonia	4,153	4,460	5,391	100.04	109.18	129.26
1-075	Other acute lower respiratory infections	2	1	4	0.05	0.03	0.10
1-076	Chronic lower respiratory diseases	334	349	406	7.99	8.53	9.77
1-077	Remainder of diseases of the respiratory system	121	131	143	2.84	3.06	3.36
1-078	Diseases of the digestive system	594	678	751	13.97	16.43	17.75
1-079	Gastric and duodenal ulcer	38	37	51	0.94	0.93	1.15
1-080	Diseases of the liver	169	232	245	4.01	5.57	5.87
1-081	Remainder of diseases of the digestive system	387	409	455	9.03	9.93	10.73
1-082	Diseases of the skin and subcutaneous tissue	154	160	183	3.59	3.89	4.30
1-083	Diseases of the musculoskeletal system and connective tissue	111	106	103	2.60	2.58	2.48
1-084	Diseases of the genitourinary system	1,177	1,206	1,385	28.46	29.50	33.36
1-085	Glomerular and renal tubulo-interstitial diseases	15	16	21	0.35	0.40	0.44
1-086	Remainder of diseases of the genitourinary system	1,162	1,190	1,364	28.11	29.10	32.92
1-087	Pregnancy, childbirth and the puerperium	-	1	1	-	0.03	0.02
1-088	Pregnancy with abortive outcome	-	-	-	-	-	-
1-089	Other direct obstetric deaths	-	1	1	-	0.03	0.02
1-090	Indirect obstetric deaths	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	23	36	36	0.52	0.65	0.66
1-093	Congenital malformations, deformations and chromosomal abnormalities	45	48	34	1.06	1.00	0.71
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	73	73	125	1.53	1.33	2.28
1-095	External causes of morbidity and mortality	818	803	890	16.34	16.70	17.26
1-096	Transport accidents	89	107	121	1.73	2.11	2.31
1-097	Falls	172	172	179	3.88	4.01	4.05
1-098	Accidental drowning and submersion	12	21	18	0.17	0.38	0.15
1-099	Exposure to smoke, fire and flames	6	9	4	0.07	0.13	0.05
1-100	Accidental poisoning by and exposure to noxious substances	21	27	27	0.49	0.60	0.64
1-101	Intentional self-harm	452	378	476	8.88	7.75	9.08
1-102	Assault	6	6	5	0.12	0.10	0.10
1-103	All other external causes	60	83	60	0.99	1.63	0.88

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, 2022

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	85-89 years	90 years & over	Un-known
	<u>All Causes</u>	14,601	22	15	4	5	3	3	11	49	178	288	551	1,224	1,202	1,657	1,993	1,859	2,208	1,821	1,508	-
1-001	Certain infectious and parasitic diseases	722	-	-	1	2	-	-	-	-	3	3	12	41	45	66	78	103	132	114	122	-
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	11	-	-	-	-	-	-	-	-	-	-	1	2	-	2	1	2	2	-	1	-
1-004	Other intestinal infectious diseases	8	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	-	2	-
1-005	Respiratory tuberculosis	14	-	-	-	-	-	-	-	-	-	-	-	3	2	1	2	1	1	3	1	-
1-006	Other tuberculosis	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	38	-	-	-	1	-	-	-	-	-	-	2	6	-	6	4	3	7	4	5	-
1-013	Infections with a predominantly sexual mode of transmission	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
1-014	Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	10	-	-	-	-	-	-	-	-	1	-	-	1	2	1	2	1	-	2	-	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	5	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	1	-	-	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	629	-	-	1	1	-	-	-	-	1	2	8	27	38	55	67	92	120	104	113	-

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, 2022**

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	85-89 years	90 years & over	Un-known
1-026	Neoplasms	3,602	-	-	-	2	1	-	5	8	17	35	112	354	409	569	609	508	482	331	160	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	153	-	-	-	-	-	-	1	-	-	3	16	27	23	27	22	9	16	5	4	-
1-028	Malignant neoplasm of oesophagus	114	-	-	-	-	-	-	-	-	2	2	4	12	16	23	21	14	8	7	5	-
1-029	Malignant neoplasm of stomach	193	-	-	-	-	-	-	-	-	1	4	6	16	16	25	30	30	35	18	12	-
1-030	Malignant neoplasm of colon, rectum and anus	479	-	-	-	-	-	-	-	-	-	5	17	61	53	78	76	70	55	45	19	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	415	-	-	-	-	-	-	-	-	-	1	11	49	57	77	64	50	56	29	21	-
1-032	Malignant neoplasm of pancreas	261	-	-	-	-	-	-	-	-	-	2	6	32	42	46	55	25	28	16	9	-
1-033	Malignant neoplasm of larynx	20	-	-	-	-	-	-	-	-	-	-	-	-	2	3	4	5	4	1	1	-
1-034	Malignant neoplasm of trachea, bronchus and lung	818	-	-	-	-	-	-	-	-	1	2	18	65	93	143	150	138	124	60	24	-
1-035	Malignant melanoma of skin	12	-	-	-	-	-	-	-	-	1	1	1	1	2	-	-	2	-	1	3	-
1-036	Malignant neoplasm of breast	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
1-037	Malignant neoplasm of cervix uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-039	Malignant neoplasm of ovary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-040	Malignant neoplasm of prostate	255	-	-	-	-	-	-	-	-	-	-	1	4	15	25	45	48	53	47	17	-
1-041	Malignant neoplasm of bladder	65	-	-	-	-	-	-	-	-	-	-	2	5	7	9	5	9	6	15	7	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	61	-	-	-	-	-	-	1	2	1	3	7	7	7	11	8	6	2	4	2	-
1-043	Non-Hodgkin's lymphoma	131	-	-	-	-	-	-	-	-	1	1	1	17	15	14	17	24	19	17	5	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	30	-	-	-	-	-	-	-	-	-	-	-	2	4	4	5	3	5	5	2	-
1-045	Leukaemia	100	-	-	-	1	-	-	2	2	5	5	2	12	7	11	17	11	9	11	5	-
1-046	Remainder of malignant neoplasms	355	-	-	-	1	1	-	1	3	5	5	17	38	39	50	63	43	43	29	17	-
1-047	Remainder of neoplasms	139	-	-	-	-	-	-	-	1	-	1	3	6	11	22	27	21	19	21	7	-
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	9	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2	1	2	-	-
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	7	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	2	-	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, 2022**

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	85-89 years	90 years & over	Un-known
1-051	Endocrine, nutritional and metabolic diseases	123	-	1	-	-	-	-	1	1	-	1	3	10	16	21	28	15	14	8	4	-
1-052	Diabetes mellitus	113	-	-	-	-	-	-	-	-	-	1	3	9	15	20	25	14	14	8	4	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	10	-	1	-	-	-	-	1	1	-	-	-	1	1	1	3	1	-	-	-	-
1-055	Mental and behavioural disorders	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1	-
1-058	Diseases of the nervous system	107	-	1	-	1	-	-	1	5	6	9	7	10	7	7	13	13	17	3	7	-
1-059	Meningitis	5	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	1	1	-	-	-
1-060	Alzheimer's disease	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
1-061	Remainder of diseases of the nervous system	101	-	1	-	1	-	-	1	5	6	7	6	10	7	7	13	11	16	3	7	-
1-062	Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-063	Diseases of the ear and mastoid process	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-
1-064	Diseases of the circulatory system	5,036	1	1	-	-	-	1	1	2	16	91	274	575	471	618	685	617	687	555	441	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	14	-	-	-	-	-	-	-	-	-	-	-	4	2	1	1	2	2	1	1	-
1-066	Hypertensive diseases	513	-	-	-	-	-	-	-	-	-	6	28	60	53	69	66	71	66	52	42	-
1-067	Ischaemic heart diseases	3,307	-	-	-	-	-	-	-	-	8	50	158	392	322	413	459	408	452	371	274	-
1-068	Other heart diseases	299	-	1	-	-	-	-	-	2	7	18	28	44	30	32	43	31	29	17	17	-
1-069	Cerebrovascular diseases.	708	1	-	-	-	-	1	-	-	-	13	54	58	50	76	91	84	103	89	88	-
1-070	Atherosclerosis	19	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3	3	3	2	5	-
1-071	Remainder of diseases of the circulatory system	176	-	-	-	-	-	-	1	-	1	4	6	16	14	25	22	18	32	23	14	-
1-072	Diseases of the respiratory system	3,231	-	3	-	-	-	-	1	2	6	7	18	79	127	222	391	443	650	638	644	-
1-073	Influenza	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-
1-074	Pneumonia	2,814	-	2	-	-	-	-	1	1	6	4	15	56	104	170	313	371	586	576	609	-
1-075	Other acute lower respiratory infections	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-
1-076	Chronic lower respiratory diseases	324	-	-	-	-	-	-	-	-	-	2	2	16	16	39	61	59	44	52	33	-
1-077	Remainder of diseases of the respiratory system	87	-	1	-	-	-	-	-	-	-	1	1	7	7	13	16	13	17	10	1	-

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

**Table 44
MALE DEATHS BY CAUSE AND AGE GROUP, 2022**

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	85-89 years	90 years & over	Un-known
1-078	Diseases of the digestive system	378	2	-	-	-	2	-	-	1	-	6	24	33	43	36	52	39	55	47	38	-
1-079	Gastric and duodenal ulcer	33	-	-	-	-	1	-	-	-	-	-	2	-	2	2	7	4	6	6	3	-
1-080	Diseases of the liver	136	2	-	-	-	-	-	-	-	-	4	13	23	24	18	19	17	10	5	1	-
1-081	Remainder of diseases of the digestive system	209	-	-	-	-	1	-	-	1	-	2	9	10	17	16	26	18	39	36	34	-
1-082	Diseases of the skin and subcutaneous tissue	59	-	-	-	-	-	-	-	-	-	1	-	6	3	9	11	2	10	11	6	-
1-083	Diseases of the musculoskeletal system and connective tissue	47	-	-	-	-	-	-	-	-	2	-	1	5	1	6	9	6	8	4	5	-
1-084	Diseases of the genitourinary system	506	-	-	-	-	-	-	-	1	-	2	5	28	32	51	63	72	103	81	68	-
1-085	Glomerular and renal tubulo-interstitial diseases	9	-	-	-	-	-	-	-	-	-	-	-	2	1	2	-	-	2	2	-	-
1-086	Remainder of diseases of the genitourinary system	497	-	-	-	-	-	-	-	1	-	2	5	26	31	49	63	72	101	79	68	-
1-087	Pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-088	Pregnancy with abortive outcome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-089	Other direct obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-090	Indirect obstetric deaths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-091	Remainder of pregnancy, childbirth and the puerperium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	20	17	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	18	2	4	2	-	-	-	-	3	2	2	1	-	1	-	-	-	-	-	1	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	85	-	3	1	-	-	2	-	2	11	22	17	5	3	4	2	5	5	2	1	-
1-095	External causes of morbidity and mortality	650	-	-	-	-	-	-	1	24	115	109	77	77	43	47	49	33	43	23	9	-
1-096	Transport accidents	105	-	-	-	-	-	-	-	2	24	19	15	14	7	8	9	4	2	1	-	-
1-097	Falls	134	-	-	-	-	-	-	-	-	4	6	6	8	12	13	20	15	27	16	7	-
1-098	Accidental drowning and submersion	15	-	-	-	-	-	-	1	-	5	5	3	-	-	-	-	1	-	-	-	-
1-099	Exposure to smoke, fire and flames	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	24	-	-	-	-	-	-	-	1	6	7	6	4	-	-	-	-	-	-	-	-
1-101	Intentional self-harm	317	-	-	-	-	-	-	-	19	69	57	36	43	21	23	18	12	11	6	2	-
1-102	Assault	5	-	-	-	-	-	-	-	-	-	1	1	-	-	2	1	-	-	-	-	-
1-103	All other external causes	48	-	-	-	-	-	-	-	2	7	13	10	8	3	1	1	-	3	-	-	-

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, 2022

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	85-89 years	90 years & over	Un-known
	<u>All Causes</u>	12,289	19	13	1	1	2	5	11	35	61	145	280	689	683	919	1,173	1,316	1,970	2,138	2,828	-
1-001	Certain infectious and parasitic diseases	680	-	-	-	-	1	1	-	-	2	4	12	24	24	25	60	59	117	146	205	-
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	10	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	2	2	1	2	-
1-004	Other intestinal infectious diseases	10	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	3	2	-
1-005	Respiratory tuberculosis	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-006	Other tuberculosis	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-012	Septicaemia	70	-	-	-	-	-	-	-	-	-	-	-	3	4	2	8	9	13	16	15	-
1-013	Infections with a predominantly sexual mode of transmission	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
1-014	Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	11	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	2	4	-	-
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
1-020	Human immunodeficiency virus [HIV] disease	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	568	-	-	-	-	1	1	-	-	-	3	10	17	19	21	47	45	96	122	186	-

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, 2022

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	85-89 years	90 years & over	Un-known
1-026	Neoplasms	3,100	1	-	-	-	-	2	1	8	12	51	127	352	326	424	434	364	419	331	248	-
1-027	Malignant neoplasm of lip, oral cavity and pharynx	59	-	-	-	-	-	-	-	-	1	1	2	10	5	8	14	6	4	3	5	-
1-028	Malignant neoplasm of oesophagus	15	-	-	-	-	-	-	-	-	-	1	-	1	3	-	1	4	3	1	1	-
1-029	Malignant neoplasm of stomach	117	-	-	-	-	-	-	-	-	-	2	2	10	10	11	19	17	12	20	14	-
1-030	Malignant neoplasm of colon, rectum and anus	448	-	-	-	-	-	-	-	-	-	9	11	36	39	59	52	60	73	58	51	-
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	164	-	-	-	-	-	-	-	1	1	1	3	5	13	13	26	26	33	28	14	-
1-032	Malignant neoplasm of pancreas	244	-	-	-	-	-	-	-	-	-	2	2	17	22	35	35	42	42	27	20	-
1-033	Malignant neoplasm of larynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-034	Malignant neoplasm of trachea, bronchus and lung	460	-	-	-	-	-	-	-	-	1	3	13	41	48	69	57	60	68	57	43	-
1-035	Malignant melanoma of skin	14	-	-	-	-	-	-	-	-	-	-	2	2	2	1	3	1	1	2	-	-
1-036	Malignant neoplasm of breast	501	-	-	-	-	-	-	-	-	1	7	36	95	64	78	63	45	53	32	27	-
1-037	Malignant neoplasm of cervix uteri	65	-	-	-	-	-	-	-	-	-	5	9	9	7	12	7	5	4	5	2	-
1-038	Malignant neoplasm of other and unspecified parts of uterus	117	-	-	-	-	-	-	-	-	-	1	3	21	26	21	23	8	6	3	5	-
1-039	Malignant neoplasm of ovary	151	-	-	-	-	-	-	-	-	-	2	16	34	28	18	25	7	5	12	4	-
1-040	Malignant neoplasm of prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-041	Malignant neoplasm of bladder	36	-	-	-	-	-	-	-	-	-	1	1	3	4	3	5	6	5	8	-	-
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	47	-	-	-	-	-	-	-	2	-	1	5	8	8	6	7	1	4	4	1	-
1-043	Non-Hodgkin's lymphoma	87	-	-	-	-	-	-	-	1	-	-	1	6	3	16	12	11	25	11	1	-
1-044	Multiple myeloma and malignant plasma cell neoplasms	25	-	-	-	-	-	-	-	-	-	-	-	1	-	4	4	4	6	3	3	-
1-045	Leukaemia	70	-	-	-	-	-	-	-	1	3	4	4	6	6	12	10	6	5	4	9	-
1-046	Remainder of malignant neoplasms	347	-	-	-	-	1	1	3	3	10	11	37	29	43	55	45	49	35	25	-	-
1-047	Remainder of neoplasms	133	1	-	-	-	1	-	-	2	2	6	12	10	14	18	11	20	21	15	-	-
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	7	-	1	-	-	-	1	-	-	1	-	-	-	-	1	1	-	1	-	1	-
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	5	-	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, 2022**

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	85-89 years	90 years & over	Un-known
1-051	Endocrine, nutritional and metabolic diseases	147	-	-	-	-	-	-	-	1	-	-	1	7	14	14	13	18	24	31	24	-
1-052	Diabetes mellitus	141	-	-	-	-	-	-	-	-	-	-	1	6	14	13	13	18	23	31	22	-
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	6	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	1	-	2	-
1-055	Mental and behavioural disorders	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	7	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	7	-
1-058	Diseases of the nervous system	86	-	2	1	-	-	-	2	4	3	5	3	2	6	6	12	10	15	8	7	-
1-059	Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-060	Alzheimer's disease	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	-
1-061	Remainder of diseases of the nervous system	82	-	2	1	-	-	-	2	4	3	5	3	2	6	6	12	10	14	6	6	-
1-062	Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-063	Diseases of the ear and mastoid process	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
1-064	Diseases of the circulatory system	3,797	1	3	-	-	-	2	-	2	5	38	77	168	181	247	340	450	656	691	936	-
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	28	-	1	-	-	-	-	-	-	-	-	-	2	-	2	6	8	4	3	2	-
1-066	Hypertensive diseases	475	-	-	-	-	-	-	-	-	1	4	7	25	31	39	46	63	71	100	88	-
1-067	Ischaemic heart diseases	1,983	-	-	-	-	-	-	-	-	1	7	26	83	91	127	187	234	359	363	505	-
1-068	Other heart diseases	266	1	1	-	-	-	2	-	1	2	15	11	17	17	12	20	27	50	32	58	-
1-069	Cerebrovascular diseases.	846	-	1	-	-	-	-	-	-	1	11	29	34	32	57	70	93	130	159	229	-
1-070	Atherosclerosis	40	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	5	7	7	16	-
1-071	Remainder of diseases of the circulatory system	159	-	-	-	-	-	-	-	1	-	1	4	6	10	9	8	20	35	27	38	-
1-072	Diseases of the respiratory system	2,718	1	-	-	-	-	-	2	1	4	5	14	49	64	98	168	224	455	632	1,001	-
1-073	Influenza	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
1-074	Pneumonia	2,577	-	-	-	-	-	-	1	-	2	5	12	42	56	83	152	206	426	609	983	-
1-075	Other acute lower respiratory infections	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
1-076	Chronic lower respiratory diseases	82	-	-	-	-	-	-	-	-	2	-	2	6	7	5	5	8	19	15	13	-
1-077	Remainder of diseases of the respiratory system	56	1	-	-	-	-	-	-	-	-	-	-	1	1	10	11	10	10	8	4	-

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, 2022**

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	85-89 years	90 years & over	Un-known
1-078	Diseases of the digestive system	373	-	-	-	-	-	-	-	2	2	4	3	11	17	23	38	46	57	73	97	-
1-079	Gastric and duodenal ulcer	18	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	-	2	4	8	-
1-080	Diseases of the liver	109	-	-	-	-	-	-	-	2	1	1	1	7	10	9	16	16	21	12	13	-
1-081	Remainder of diseases of the digestive system	246	-	-	-	-	-	-	-	-	1	3	1	3	7	14	20	30	34	57	76	-
1-082	Diseases of the skin and subcutaneous tissue	124	-	-	-	-	-	-	-	-	-	1	2	3	4	6	10	10	16	37	35	-
1-083	Diseases of the musculoskeletal system and connective tissue	56	-	-	-	-	-	-	2	-	-	2	5	5	4	4	5	6	12	5	6	-
1-084	Diseases of the genitourinary system	879	-	-	-	-	-	-	-	-	-	2	5	33	26	44	75	104	171	168	251	-
1-085	Glomerular and renal tubulo-interstitial diseases	12	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	4	3	1	-
1-086	Remainder of diseases of the genitourinary system	867	-	-	-	-	-	-	-	-	-	1	5	33	26	44	74	102	167	165	250	-
1-087	Pregnancy, childbirth and the puerperium	1	-	-	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	16	10	2	-	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	1	-
1-093	Congenital malformations, deformations and chromosomal abnormalities	16	5	4	-	-	-	-	1	-	1	1	-	1	-	1	-	-	-	2	-	-
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	39	1	1	-	-	-	-	-	2	5	3	6	2	1	3	3	4	3	3	2	-
1-095	External causes of morbidity and mortality	240	-	-	-	1	1	-	1	15	27	27	24	32	16	23	14	19	24	9	7	-
1-096	Transport accidents	16	-	-	-	-	-	-	1	-	2	-	1	4	2	-	2	1	3	-	-	-
1-097	Falls	45	-	-	-	-	-	-	-	-	-	1	1	1	1	6	5	7	11	6	6	-
1-098	Accidental drowning and submersion	3	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
1-099	Exposure to smoke, fire and flames	2	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
1-101	Intentional self-harm	159	-	-	-	-	-	-	-	15	22	20	19	25	12	15	7	11	10	2	1	-
1-102	Assault	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-103	All other external causes	12	-	-	-	-	-	-	-	-	3	2	2	1	1	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, 2022

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total*	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
	<u>All Causes</u>	26,891	14,601	12,289	11,041	9,342	2,005	1,823	1,230	875	325	249
1-001	Certain infectious and parasitic diseases	1,402	722	680	569	525	94	89	54	49	5	17
1-002	Cholera	-	-	-	-	-	-	-	-	-	-	-
1-003	Diarrhoea and gastroenteritis of presumed infectious origin	21	11	10	8	7	2	1	1	2	-	-
1-004	Other intestinal infectious diseases	18	8	10	8	9	-	-	-	1	-	-
1-005	Respiratory tuberculosis	15	14	1	12	-	2	-	-	-	-	1
1-006	Other tuberculosis	7	3	4	2	3	1	-	-	1	-	-
1-007	Plague	-	-	-	-	-	-	-	-	-	-	-
1-008	Tetanus	-	-	-	-	-	-	-	-	-	-	-
1-009	Diphtheria	-	-	-	-	-	-	-	-	-	-	-
1-010	Whooping cough	-	-	-	-	-	-	-	-	-	-	-
1-011	Meningococcal infection	1	-	1	-	-	-	1	-	-	-	-
1-012	Septicaemia	108	38	70	30	53	4	10	4	7	-	-
1-013	Infections with a predominantly sexual mode of transmission	2	1	1	1	-	-	1	-	-	-	-
1-014	Acute poliomyelitis	-	-	-	-	-	-	-	-	-	-	-
1-015	Rabies	-	-	-	-	-	-	-	-	-	-	-
1-016	Yellow fever	-	-	-	-	-	-	-	-	-	-	-
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	21	10	11	7	10	1	-	2	-	-	1
1-018	Measles	-	-	-	-	-	-	-	-	-	-	-
1-019	Viral hepatitis	4	2	2	-	2	1	-	-	-	1	-
1-020	Human immunodeficiency virus [HIV] disease	7	5	2	4	-	-	1	1	1	-	-
1-021	Malaria	-	-	-	-	-	-	-	-	-	-	-
1-022	Leishmaniasis	-	-	-	-	-	-	-	-	-	-	-
1-023	Trypanosomiasis	-	-	-	-	-	-	-	-	-	-	-
1-024	Schistosomiasis	1	1	-	1	-	-	-	-	-	-	-
1-025	Remainder of certain infectious and parasitic diseases	1,197	629	568	496	441	83	75	46	37	4	15

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

*Include 1 unknown sex.

Table 46
DEATHS BY CAUSE, ETHNIC GROUP AND SEX, 2022

Listing	Description of Cause of Death	Total			Ethnic Group							
		Total	Males	Females	Chinese		Malays		Indians		Others	
					Males	Females	Males	Females	Males	Females	Males	Females
1-026	Neoplasms	6,702	3,602	3,100	2,907	2,466	459	389	159	170	77	75
1-027	Malignant neoplasm of lip, oral cavity and pharynx	212	153	59	127	50	14	5	10	3	2	1
1-028	Malignant neoplasm of oesophagus	129	114	15	97	10	6	2	7	3	4	-
1-029	Malignant neoplasm of stomach	310	193	117	164	103	15	9	10	3	4	2
1-030	Malignant neoplasm of colon, rectum and anus	927	479	448	397	362	53	59	19	18	10	9
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	579	415	164	329	125	66	26	11	11	9	2
1-032	Malignant neoplasm of pancreas	505	261	244	222	205	24	22	14	9	1	8
1-033	Malignant neoplasm of larynx	20	20	-	16	-	2	-	2	-	-	-
1-034	Malignant neoplasm of trachea, bronchus and lung	1,278	818	460	652	399	119	42	29	11	18	8
1-035	Malignant melanoma of skin	26	12	14	8	11	2	-	-	1	2	2
1-036	Malignant neoplasm of breast	502	1	501	1	374	-	73	-	39	-	15
1-037	Malignant neoplasm of cervix uteri	65	-	65	-	49	-	12	-	2	-	2
1-038	Malignant neoplasm of other and unspecified parts of uterus	117	-	117	-	89	-	19	-	9	-	-
1-039	Malignant neoplasm of ovary	151	-	151	-	112	-	16	-	17	-	6
1-040	Malignant neoplasm of prostate	255	255	-	206	-	32	-	10	-	7	-
1-041	Malignant neoplasm of bladder	101	65	36	46	31	12	-	6	4	1	1
1-042	Malignant neoplasm of meninges, brain and other parts of central nervous system	108	61	47	41	39	9	5	9	3	2	-
1-043	Non-Hodgkin's lymphoma	218	131	87	106	66	22	15	3	5	-	1
1-044	Multiple myeloma and malignant plasma cell neoplasms	55	30	25	22	19	5	6	1	-	2	-
1-045	Leukaemia	170	100	70	76	49	16	12	4	4	4	5
1-046	Remainder of malignant neoplasms	702	355	347	291	267	39	50	18	23	7	7
1-047	Remainder of neoplasms	272	139	133	106	106	23	16	6	5	4	6
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	16	9	7	6	2	2	3	-	1	1	1
1-049	Anaemias	4	2	2	2	1	-	-	-	-	-	1
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	12	7	5	4	1	2	3	-	1	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, 2022

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1-051	Endocrine, nutritional and metabolic diseases	270	123	147	89	95	25	39	9	12	-	1
1-052	Diabetes mellitus	254	113	141	80	91	25	38	8	11	-	1
1-053	Malnutrition	-	-	-	-	-	-	-	-	-	-	-
1-054	Remainder of endocrine, nutritional and metabolic diseases	16	10	6	9	4	-	1	1	1	-	-
1-055	Mental and behavioural disorders	14	5	9	5	8	-	1	-	-	-	-
1-056	Mental and behavioural disorders due to psychoactive substance use	-	-	-	-	-	-	-	-	-	-	-
1-057	Remainder of mental and behavioural disorders	14	5	9	5	8	-	1	-	-	-	-
1-058	Diseases of the nervous system	193	107	86	77	67	15	12	12	5	3	2
1-059	Meningitis	5	5	-	2	-	2	-	1	-	-	-
1-060	Alzheimer's disease	5	1	4	1	4	-	-	-	-	-	-
1-061	Remainder of diseases of the nervous system	183	101	82	74	63	13	12	11	5	3	2
1-062	Diseases of the eye and adnexa	-	-	-	-	-	-	-	-	-	-	-
1-063	Diseases of the ear and mastoid process	4	3	1	2	1	-	-	1	-	-	-
1-064	Diseases of the circulatory system	8,833	5,036	3,797	3,553	2,744	783	652	574	322	126	79
1-065	Acute rheumatic fever and chronic rheumatic heart diseases	42	14	28	9	20	4	6	-	-	1	2
1-066	Hypertensive diseases	988	513	475	383	329	65	103	52	37	13	6
1-067	Ischaemic heart diseases	5,290	3,307	1,983	2,263	1,412	546	342	420	198	78	31
1-068	Other heart diseases	565	299	266	196	184	52	45	41	29	10	8
1-069	Cerebrovascular diseases.	1,554	708	846	541	648	96	131	52	44	19	23
1-070	Atherosclerosis	59	19	40	16	33	1	7	2	-	-	-
1-071	Remainder of diseases of the circulatory system	335	176	159	145	118	19	18	7	14	5	9
1-072	Diseases of the respiratory system	5,949	3,231	2,718	2,598	2,170	393	339	188	174	52	35
1-073	Influenza	5	3	2	3	1	-	1	-	-	-	-
1-074	Pneumonia	5,391	2,814	2,577	2,279	2,069	327	319	164	158	44	31
1-075	Other acute lower respiratory infections	4	3	1	3	1	-	-	-	-	-	-
1-076	Chronic lower respiratory diseases	406	324	82	243	59	60	16	16	4	5	3
1-077	Remainder of diseases of the respiratory system	143	87	56	70	40	6	3	8	12	3	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, 2022

Listing	Description of Cause of Death	Total			Ethnic Group							
					Chinese		Malays		Indians		Others	
		Total*	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1-078	Diseases of the digestive system	751	378	373	271	275	55	67	47	24	5	7
1-079	Gastric and duodenal ulcer	51	33	18	24	12	7	3	2	1	-	2
1-080	Diseases of the liver	245	136	109	91	84	17	14	26	8	2	3
1-081	Remainder of diseases of the digestive system	455	209	246	156	179	31	50	19	15	3	2
1-082	Diseases of the skin and subcutaneous tissue	183	59	124	45	83	10	30	4	9	-	2
1-083	Diseases of the musculoskeletal system and connective tissue	103	47	56	36	35	6	14	2	5	3	2
1-084	Diseases of the genitourinary system	1,385	506	879	382	633	74	154	39	83	11	9
1-085	Glomerular and renal tubulo-interstitial diseases	21	9	12	7	9	2	3	-	-	-	-
1-086	Remainder of diseases of the genitourinary system	1,364	497	867	375	624	72	151	39	83	11	9
1-087	Pregnancy, childbirth and the puerperium	1	-	1	-	-	-	1	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-
1-092	Certain conditions originating in the perinatal period	36	20	16	12	6	5	3	3	5	-	2
1-093	Congenital malformations, deformations and chromosomal abnormalities	34	18	16	6	7	8	6	4	2	-	1
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	125	85	39	48	29	13	6	13	-	11	4
1-095	External causes of morbidity and mortality	890	650	240	435	196	63	18	121	14	31	12
1-096	Transport accidents	121	105	16	57	13	23	3	21	-	4	-
1-097	Falls	179	134	45	115	40	6	1	11	2	2	2
1-098	Accidental drowning and submersion	18	15	3	4	1	3	1	5	-	3	1
1-099	Exposure to smoke, fire and flames	4	2	2	1	1	-	1	1	-	-	-
1-100	Accidental poisoning by and exposure to noxious substances	27	24	3	10	2	9	1	5	-	-	-
1-101	Intentional self-harm	476	317	159	223	130	11	11	63	11	20	7
1-102	Assault	5	5	-	4	-	-	-	1	-	-	-
1-103	All other external causes	60	48	12	21	9	11	-	14	1	2	2

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

*Include 1 unknown sex.