



KEMENTERIAN EKONOMI
JABATAN PERANGKAAAN MALAYSIA

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PERANGKAAAN SEBAB KEMATIAN

STATISTICS ON CAUSES OF DEATH

MALAYSIA

2023



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**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

PERANGKAAN SEBAB KEMATIAN MALAYSIA, 2023
STATISTICS ON CAUSES OF DEATH MALAYSIA, 2023

Pemakluman

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Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

Announcement

DOSM has launched OpenDOSM NextGen as a medium that provides a catalogue of data and visualisation to facilitate users in analysing various data. OpenDOSM NextGen is an open source data sharing platform and accessible through <https://open.dosm.gov.my> portal.

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Statistics is the Essence of Life".

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DEPARTMENT OF STATISTICS MALAYSIA**

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Penerbitan Perangkaan Sebab Kematian, Malaysia, 2023 merupakan penerbitan tahunan yang membentangkan statistik sebab kematian utama di Malaysia bagi tahun 2022. Data ini merangkumi maklumat sebab kematian mengikut kategori disahkan dan tidak disahkan secara perubatan. Penyusunan statistik ini berdasarkan konsep dan garis panduan daripada *Principles and Recommendations for a Vital Statistics System, Revision 3* yang diterbitkan oleh *United Nations Statistics Division* (2014) dan *International Statistical Classification of Diseases and Related Health Problems, 10th Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010).

Statistik sebab kematian merupakan input penting yang digunakan dalam pembentukan, pelaksanaan dan pemantauan dasar di peringkat nasional dan antarabangsa. Statistik ini berguna bagi perancangan dasar dalam bidang kesihatan, pendidikan, ekonomi dan sosial di Malaysia.

Bahagian pertama penerbitan ini membentangkan ringkasan penemuan manakala bahagian kedua memuatkan jadual terperinci sebab kematian utama di peringkat nasional, strata, negeri dan daerah pentadbiran. Ini diikuti, bahagian ketiga menunjukkan jadual siri masa sebab kematian. Bahagian keempat mengandungi nota teknikal untuk menerangkan konsep dan definisi bagi membantu pengguna memahami statistik yang diterbitkan.

Jabatan merakamkan setinggi-tinggi penghargaan di atas kerjasama Jabatan Pendaftaran Negara (JPN) dan Kementerian Kesihatan Malaysia (KKM) dalam membekalkan rekod kematian. Rekod ini merupakan sumber utama data bagi penjanaan perangkaan sebab kematian. Setiap maklum balas dan cadangan daripada semua pihak untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Oktober 2023

The publication of *Statistics on Causes of Death, Malaysia, 2023* is an annual publication which presents statistics on the principal causes of death in Malaysia for the year 2022. The data covers information on the causes of death by category, namely medically certified and not medically certified. The compilation of these statistics is based on the concepts and guidelines from *Principles and Recommendations for a Vital Statistics System, Revision 3* published by the United Nations Statistics Division (2014) and the *International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)* published by the World Health Organization (2010).

Statistics on causes of death are an important input used for formulation, implementation and monitoring of policies at national and international levels. These statistics are useful for policy planning in the areas of health, education, economy and social in Malaysia.

The first part of this publication presents the summary of findings while the second part contains detailed tables on the principal causes of death at national, stratum, state and administrative district. This is followed by the third part that shows a time series of causes of death. The fourth part consists of the technical notes explain the concepts and definitions to assist users to understand the published statistics.

The Department gratefully acknowledges the co-operation of the National Registration Department (NRD) and the Ministry of Health (MoH) for providing death records. The records are the main data sources for producing causes of death statistics. Every feedback and suggestion from all parties towards improving future publications is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician, Malaysia

October 2023

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PENEMUAN UTAMA



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

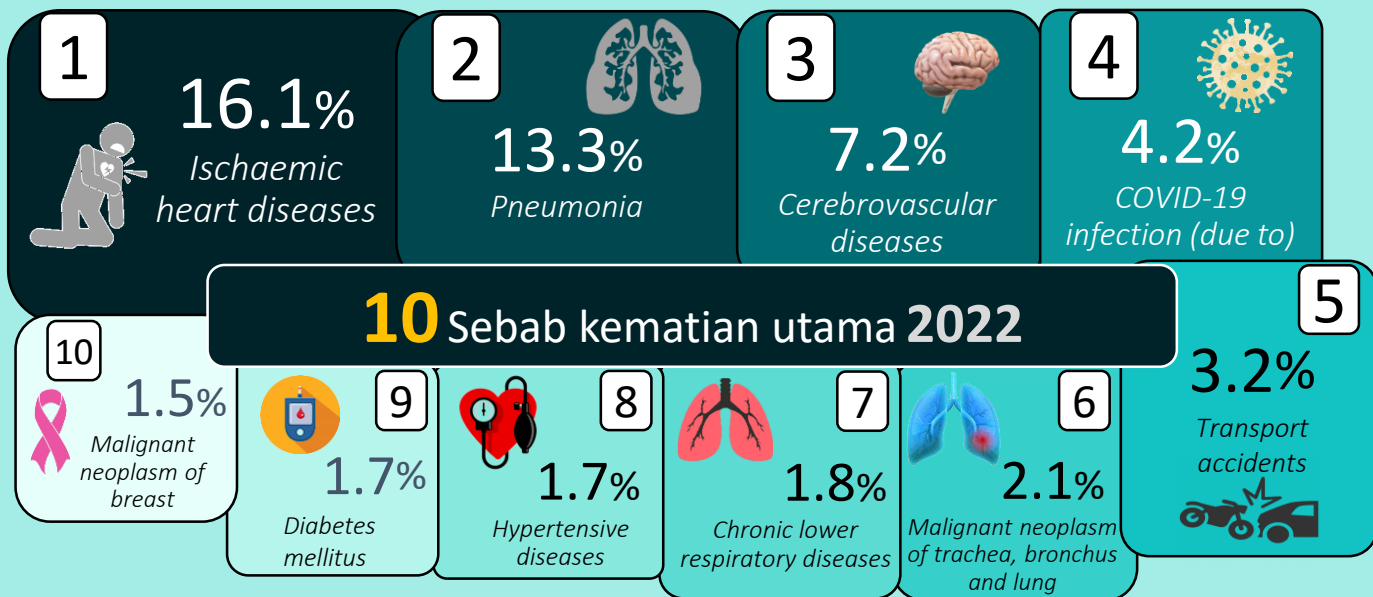
STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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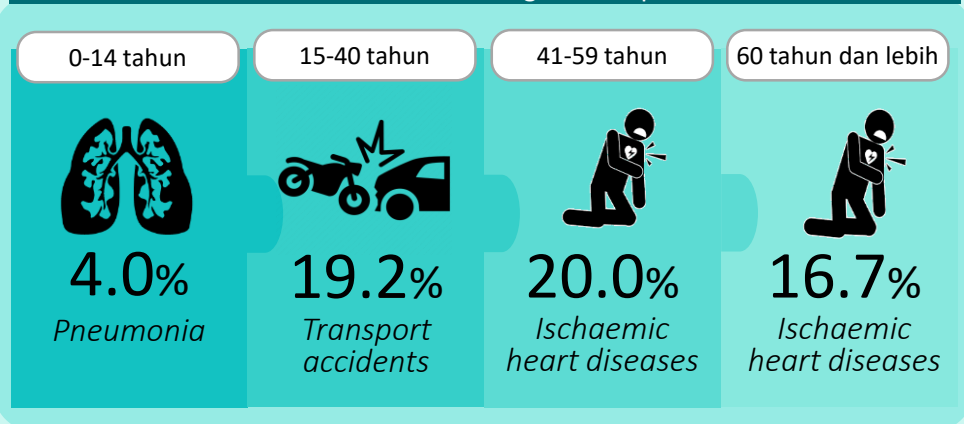
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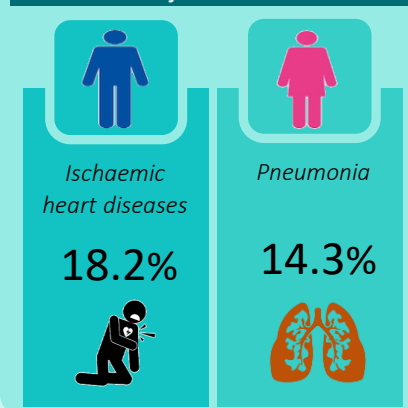
PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023



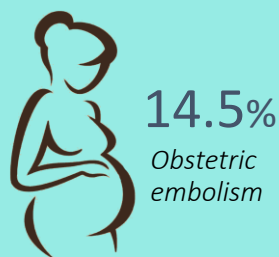
Sebab kematian utama mengikut kumpulan umur



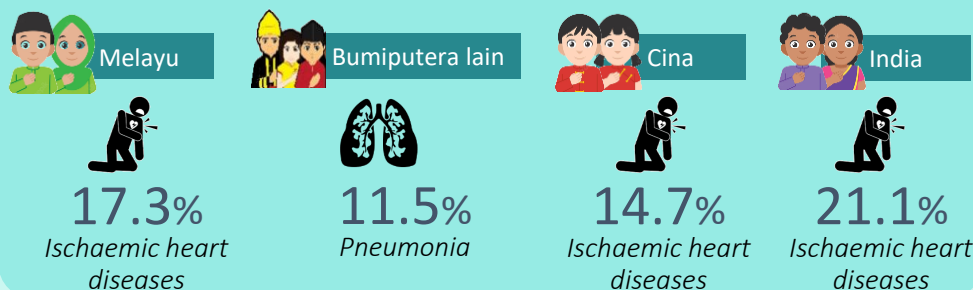
Sebab kematian utama mengikut jantina



Sebab kematian utama ibu bersalin



Sebab kematian utama mengikut kumpulan etnik utama

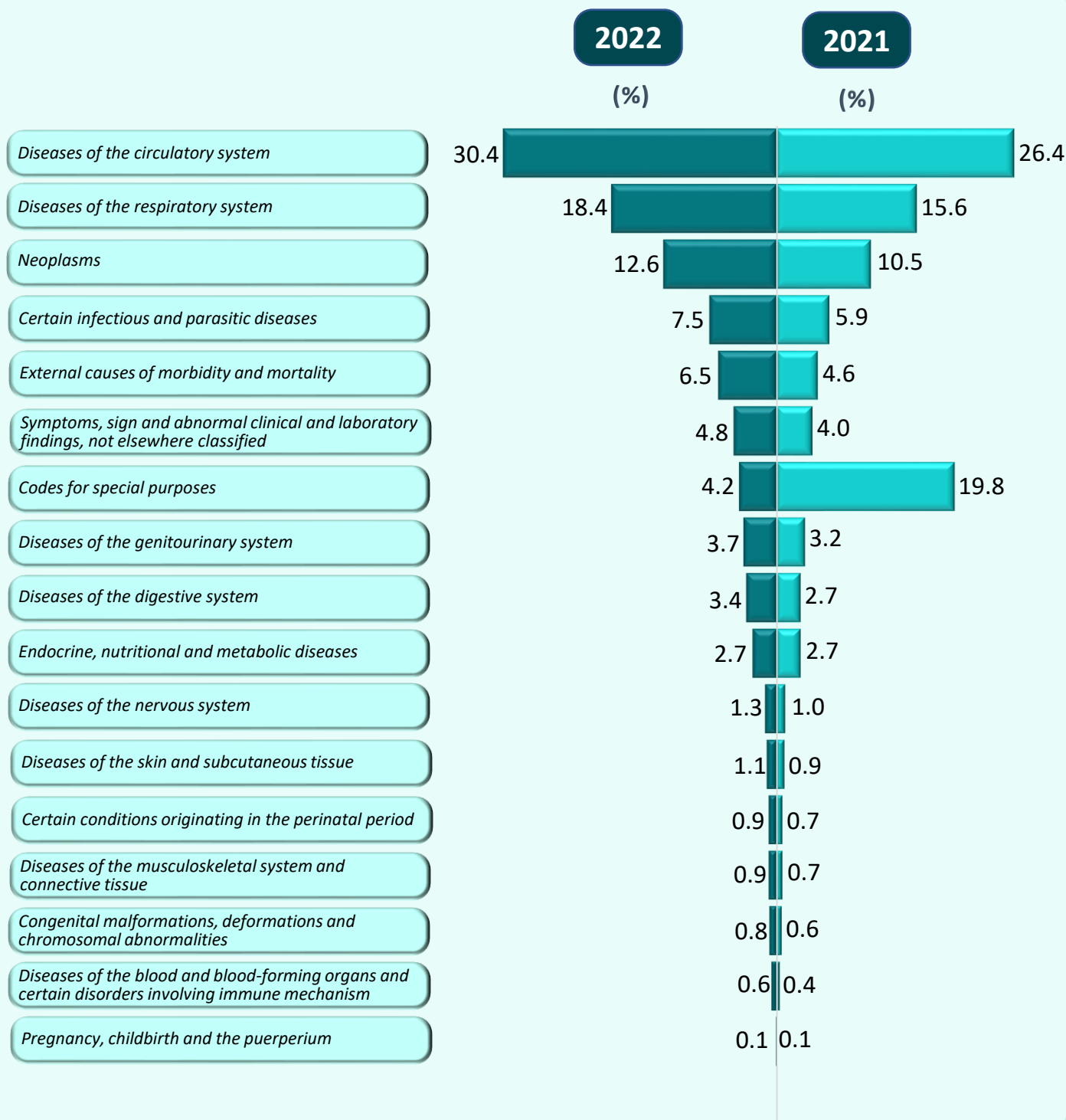


Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 61.1% daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2023, Jabatan Perangkaan Malaysia (DOSM)



Kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2021-2022

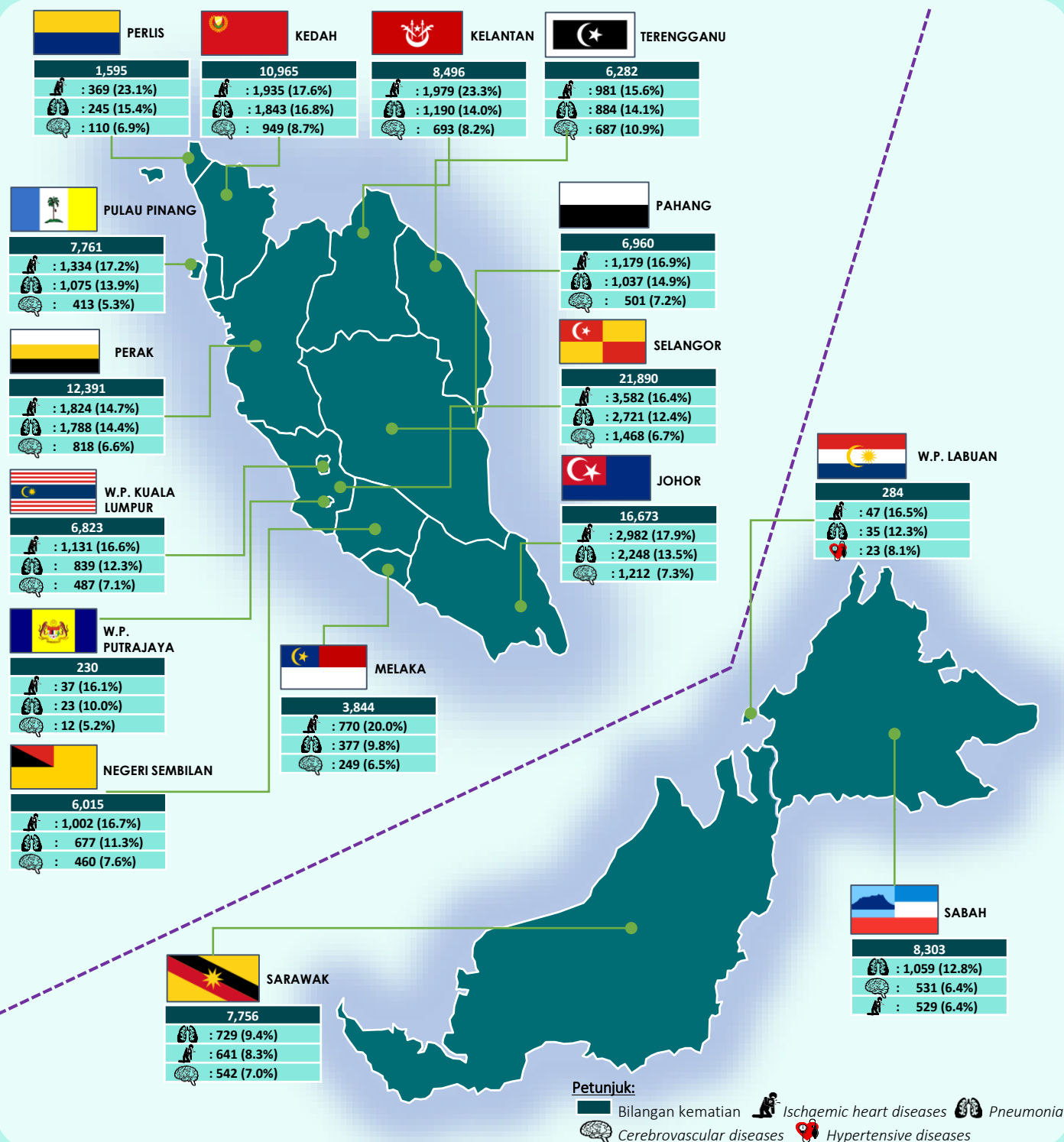


Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 61.1% daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2023, Jabatan Perangkaan Malaysia (DOSM)



3 Sebab kematian utama mengikut negeri, 2022

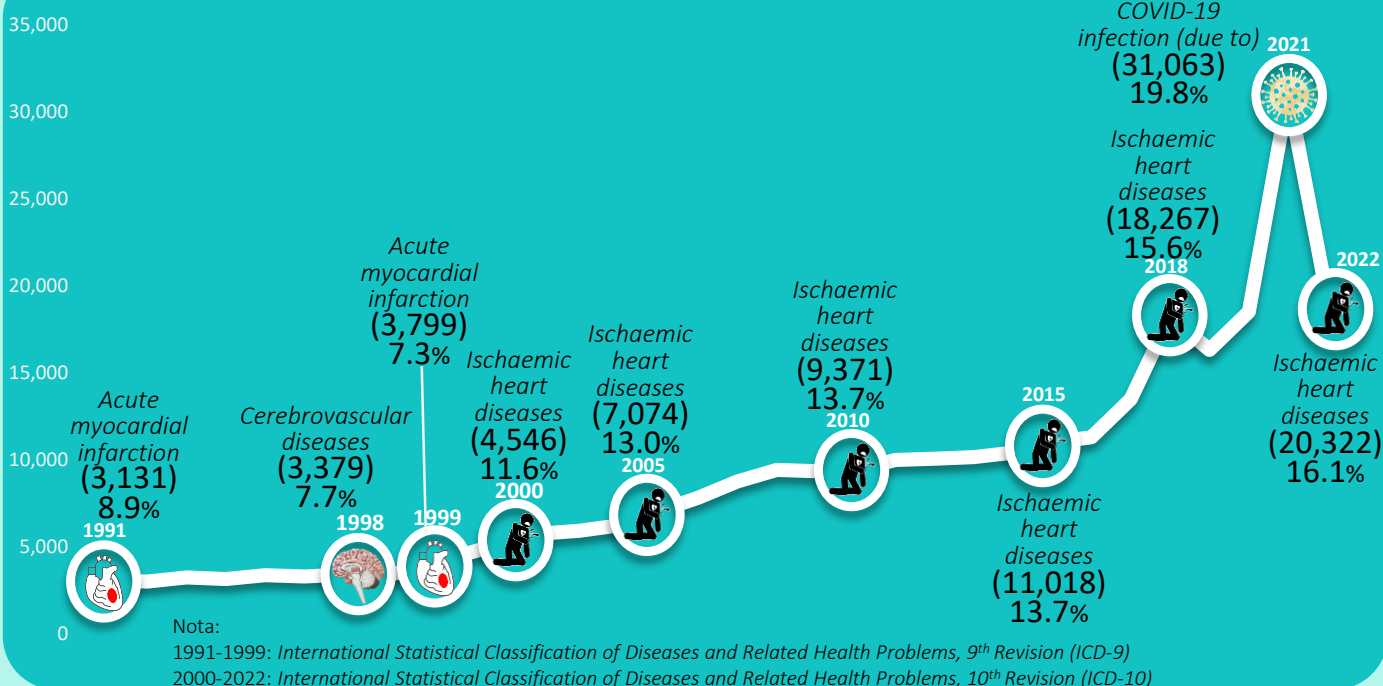


Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 61.1% daripada jumlah kematian.

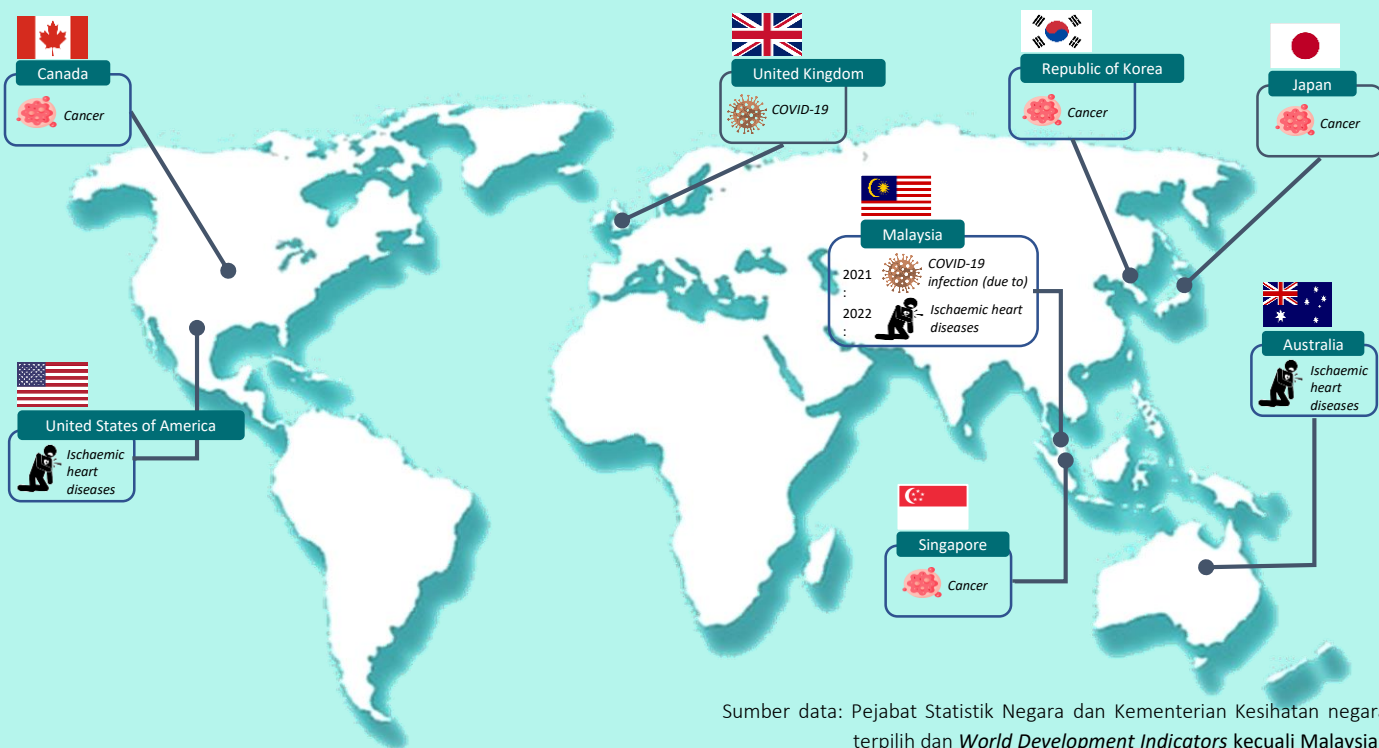
Sumber: Perangkaan Sebab Kematian, Malaysia, 2023, Jabatan Perangkaan Malaysia (DOSM)



Sebab kematian utama, Malaysia, 1991-2022



Sebab kematian utama bagi negara terpilih 2021



Sumber data: Pejabat Statistik Negara dan Kementerian Kesihatan negara terpilih dan *World Development Indicators* kecuali Malaysia.

Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 61.1% daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2023, Jabatan Perangkaan Malaysia (DOSM)

MAIN FINDINGS



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

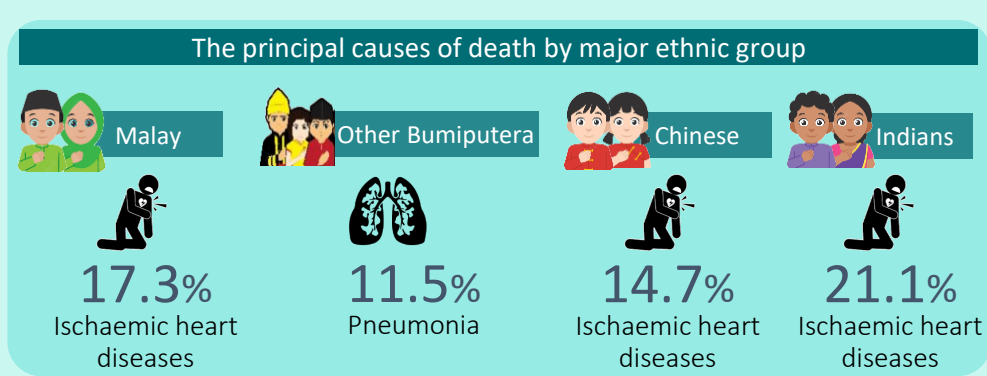
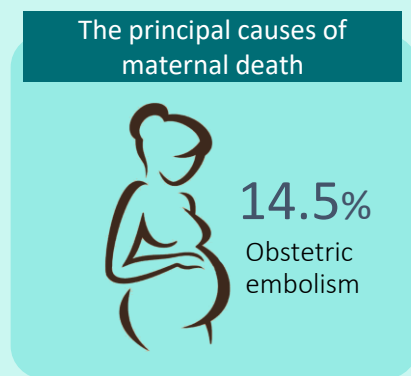
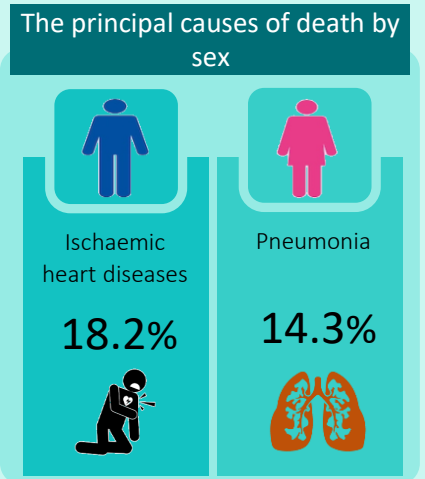
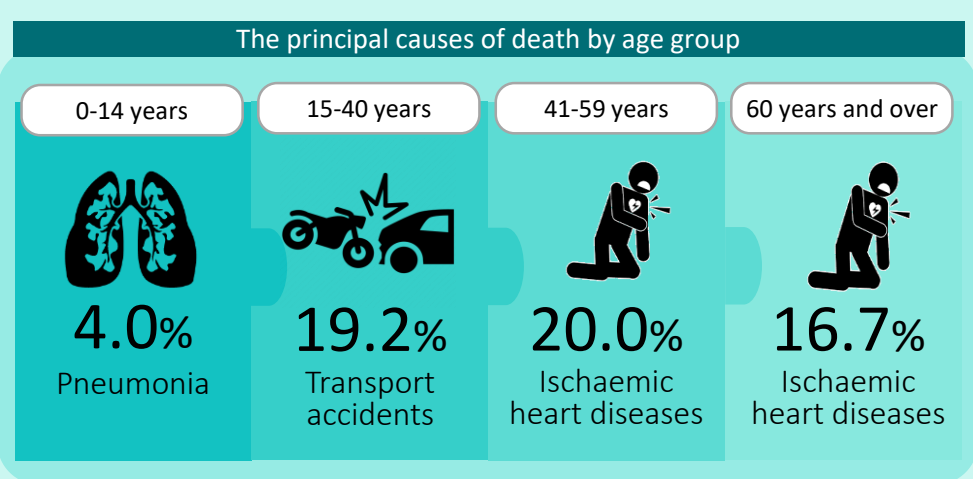
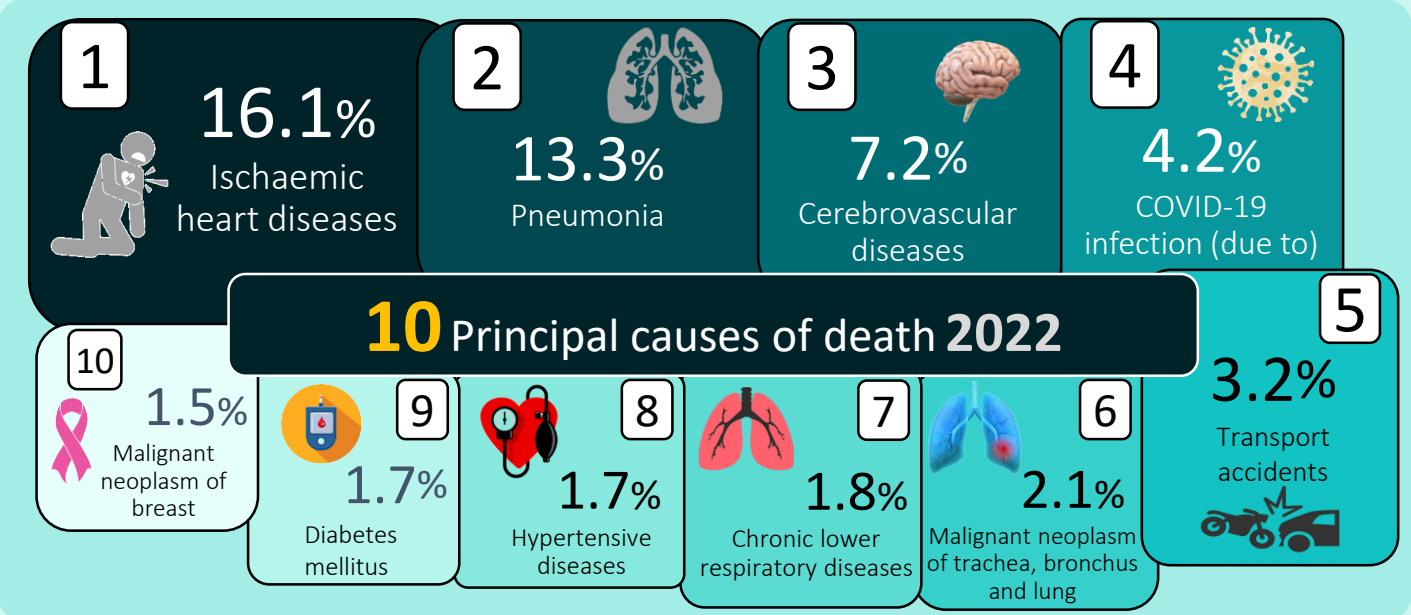
STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

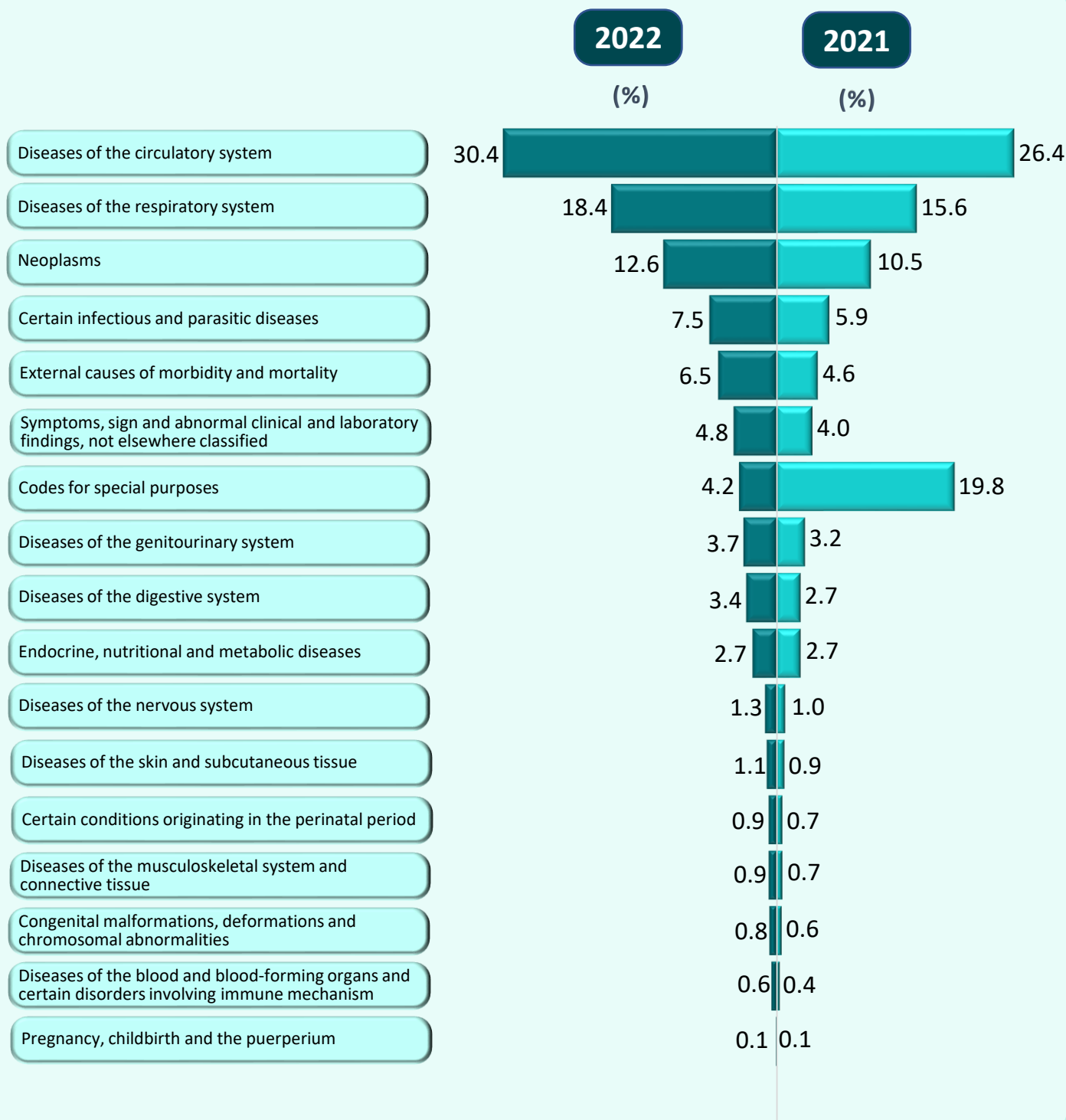


Note: The analysis is based on medically certified causes of death which represent 61.1% of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2023, Department of Statistics Malaysia (DOSM)



Medically certified causes of death by Chapter ICD-10, Malaysia, 2021-2022

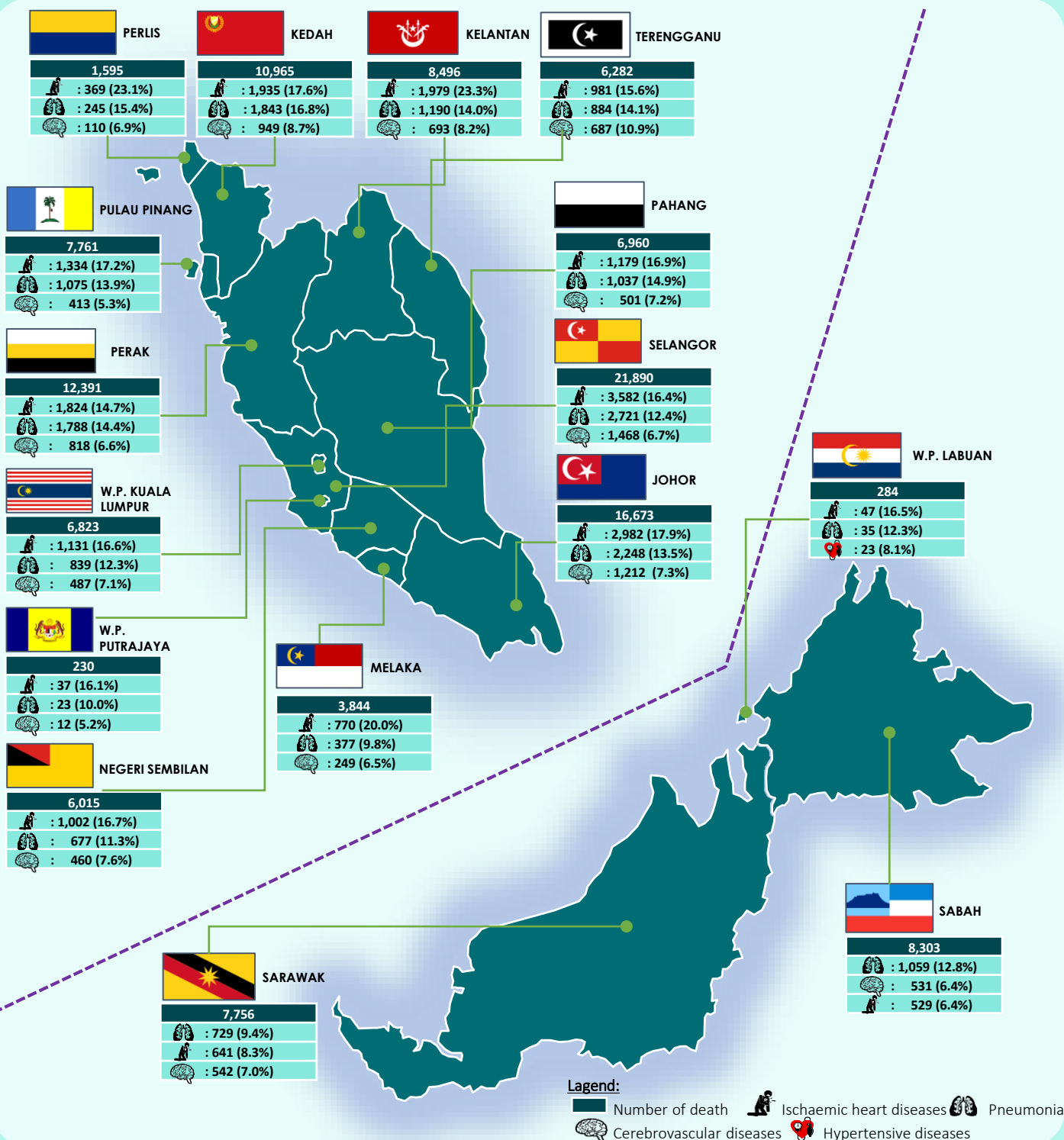


Note: The analysis is based on medically certified causes of death which represent 61.1% of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2023, Department of Statistics Malaysia (DOSM)



3 Principal causes of death by state, 2022

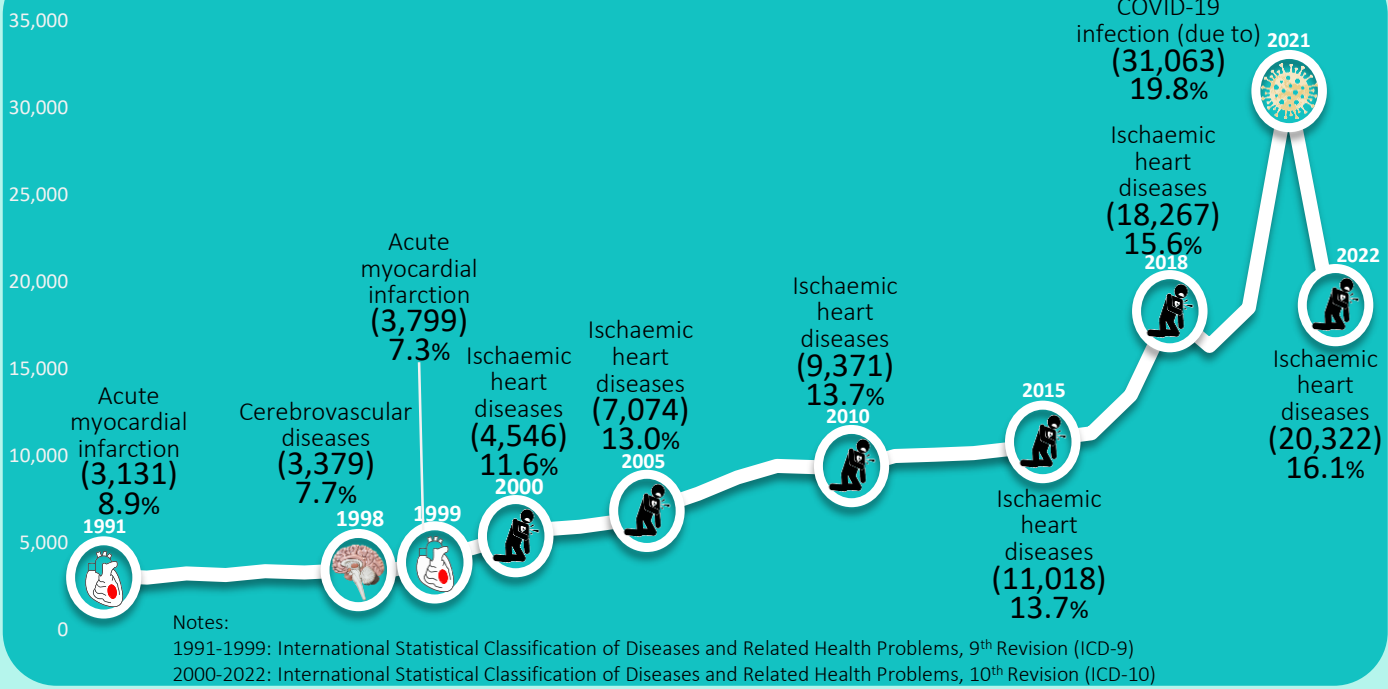


Note: The analysis is based on medically certified causes of death which represent 61.1% of total deaths.

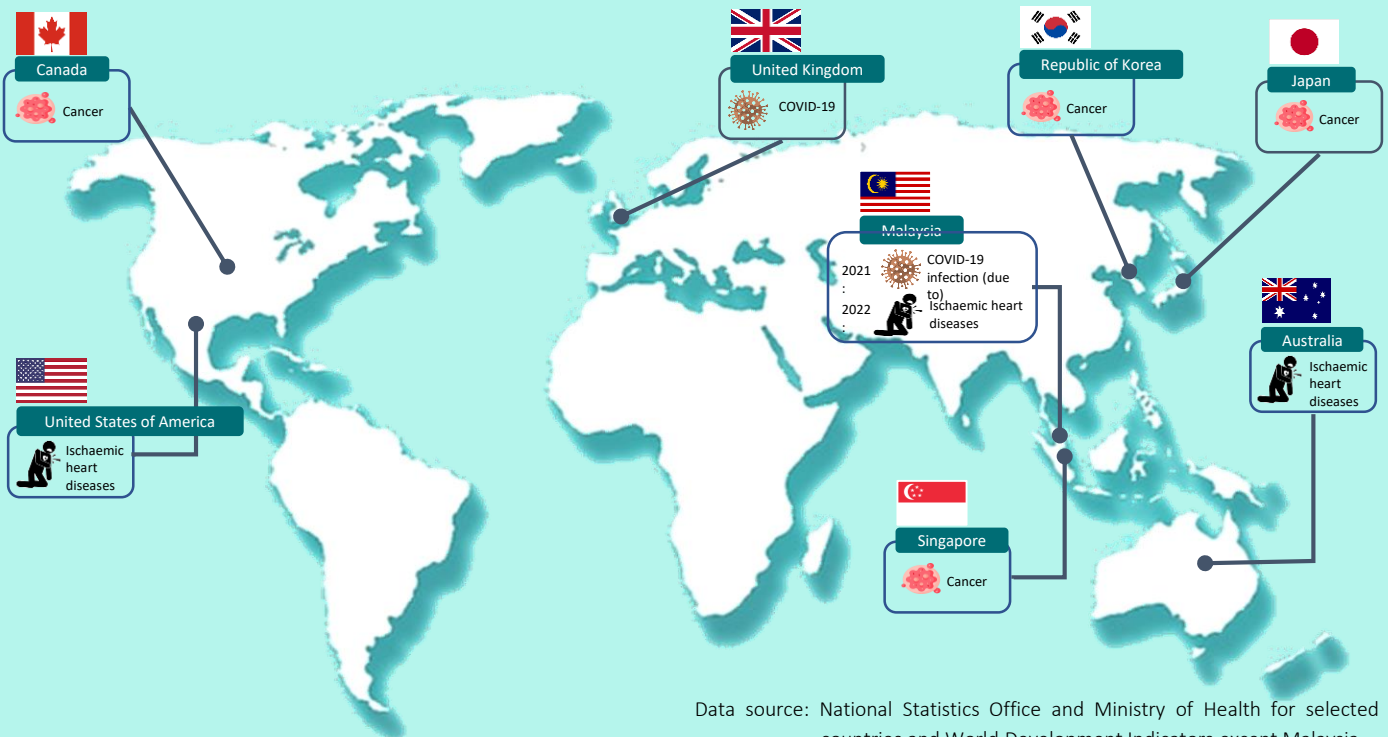
Source: Statistics on Causes of Death, Malaysia, 2023, Department of Statistics Malaysia (DOSM)



The principal causes of death, Malaysia, 1991-2022



The principal causes of death by selected countries 2021



Data source: National Statistics Office and Ministry of Health for selected countries and World Development Indicators except Malaysia.

Note: The analysis is based on medically certified causes of death which represent 61.1% of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2023, Department of Statistics Malaysia (DOSM)

SEPINTAS LALU PERANGKAAN SEBAB KEMATIAN MENGIKUT NEGERI



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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MALAYSIA

BILANGAN KEMATIAN, MALAYSIA, 2022

206,525
kematian



117,790 (57.0%)
kematian



88,735 (43.0%)
kematian

PURATA

1 kematian setiap 4 minit

24 kematian setiap jam

566 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Malaysia tahun 2022

16.1%



Ischaemic
heart diseases

18.2%



Pneumonia

14.3%



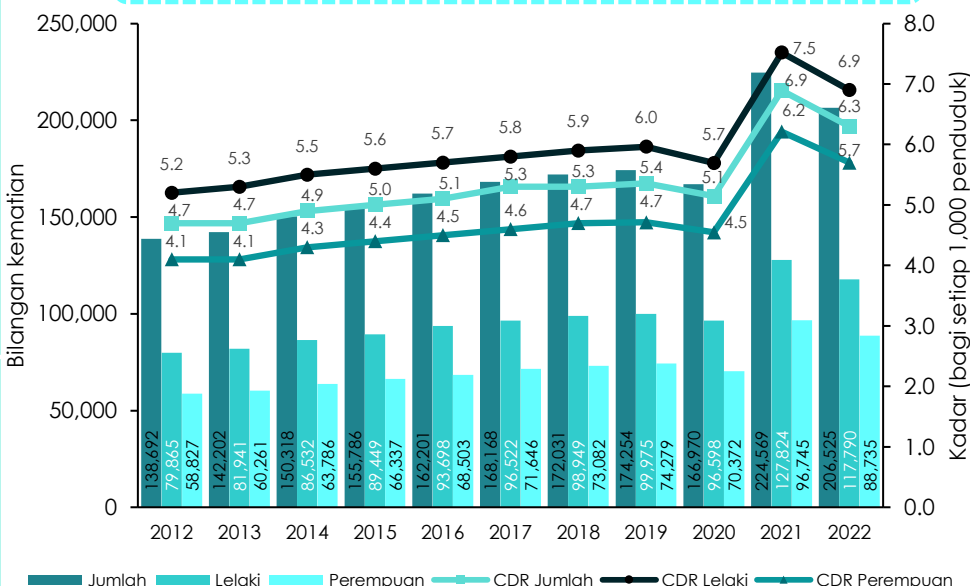
14.5%

Obstetric
embolism

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
MALAYSIA, 2012-2022

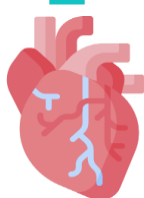
Kematian pada 2022 menurun **8.0 peratus** (18,044 kematian)
berbanding 2021 (224,569 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
MALAYSIA, 2022

1

Diseases of
the
circulatory
system

30.4%
26.4%



2

Diseases of
the
respiratory
system

18.4%
15.6%

3

Neoplasms

12.6%
10.5%



4

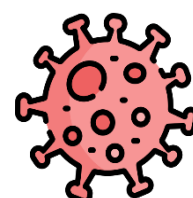
Certain
infectious
and parasitic
diseases

7.5%
5.9%

5

Codes for
special
purposes

4.2%
19.8%



Nota:

2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, MALAYSIA, 2022



Melayu

70,028 kematian

- 1 Ischaemic heart diseases **17.3%**
- 2 Pneumonia **13.5%**
- 3 Cerebrovascular diseases **7.9%**
- 4 COVID-19 infection (due to) **4.1%**
- 5 Transport accidents **3.7%**



Bumiputera Lain

10,455 kematian

- 1 Pneumonia **11.5%**
- 2 Ischaemic heart diseases **7.0%**
- 3 Cerebrovascular diseases **6.8%**
- 4 Hypertensive diseases **3.8%**
- 5 Chronic lower respiratory diseases **3.6%**

KUMPULAN ETNIK UTAMA



Cina

30,778 kematian

- 1 Ischaemic heart diseases **14.7%**
- 2 Pneumonia **13.9%**
- 3 Cerebrovascular diseases **6.7%**
- 4 COVID-19 infection (due to) **4.7%**
- 5 Malignant neoplasm of trachea, bronchus and lung **3.5%**



India

11,761 kematian

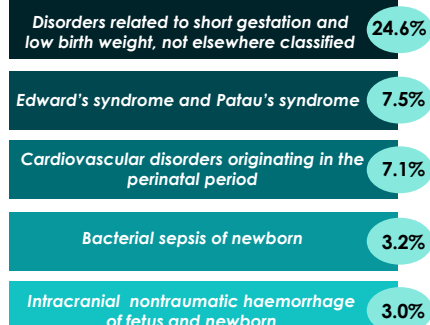
- 1 Ischaemic heart diseases **21.1%**
- 2 Pneumonia **12.3%**
- 3 Cerebrovascular diseases **5.7%**
- 4 Transport accidents **4.1%**
- 5 COVID-19 infection (due to) **3.1%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

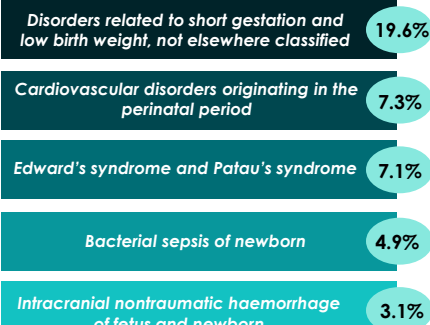
LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, MALAYSIA, 2022



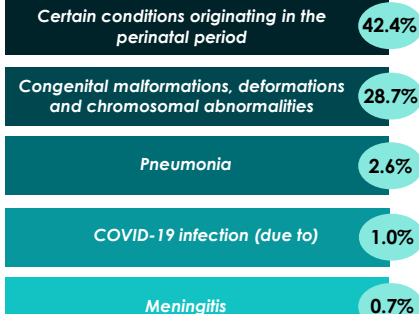
PERINATAL (<7 HARI)



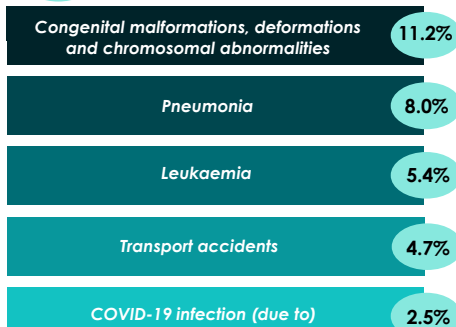
NEONATAL (<28 HARI)



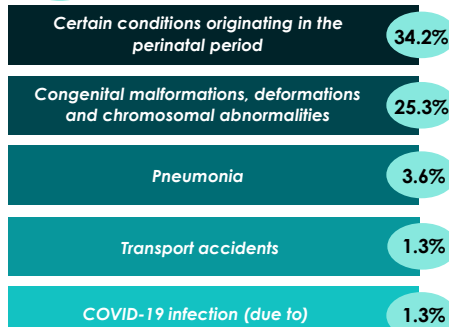
BAYI (<1 TAHUN)



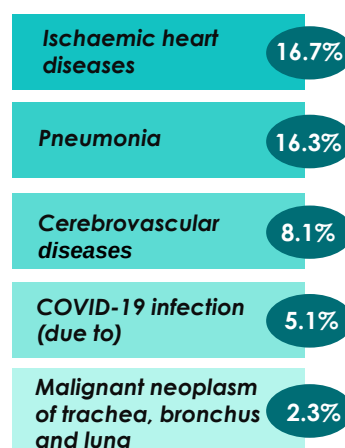
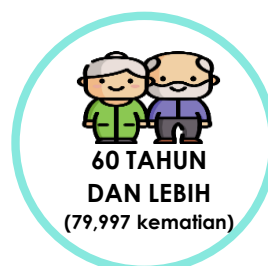
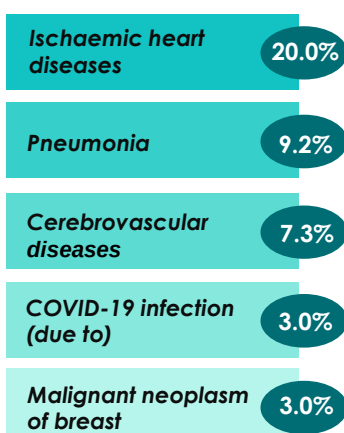
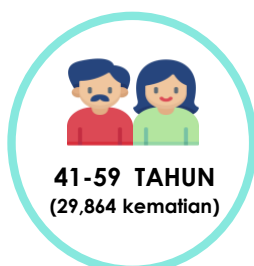
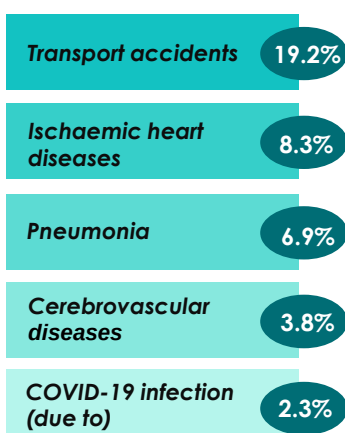
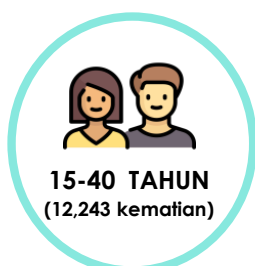
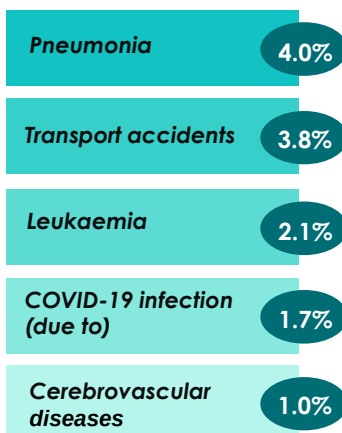
KANAK-KANAK 1-4 TAHUN



KURANG DARIPADA 5 TAHUN



LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, MALAYSIA, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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JOHOR

BILANGAN KEMATIAN, JOHOR, 2022

25,305
kematian



14,618 (57.8%)
kematian



10,687 (42.2%)
kematian

PURATA

3 kematian setiap jam

69 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Johor tahun 2022

17.9%



**Ischaemic
heart diseases**

20.5%



Pneumonia

14.5%



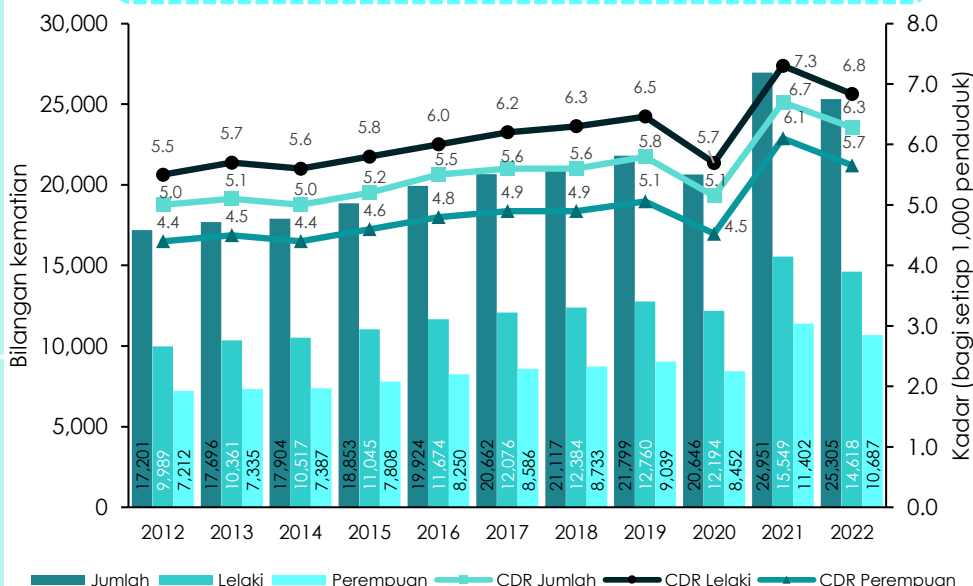
18.2%

**Ectopic
pregnancy**

merupakan
sebab kematian utama
bagi ibu bersalin

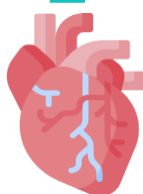
SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
JOHOR, 2012-2022

Kematian pada 2022 menurun **6.1 peratus** (1,646 kematian)
berbanding 2021 (26,951 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
JOHOR, 2022

1
**Diseases of
the
circulatory
system**

31.9%
23.0%



2
**Diseases of
the
respiratory
system**

18.7%
16.2%

3
Neoplasms

12.3%
9.3%

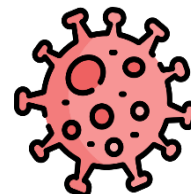


4
**Certain
infectious
and parasitic
diseases**

7.7%
7.0%

5
**Codes for
special
purposes**

5.0%
22.7%



Nota:
2022
2021

¹ Analisis ini adalah berdasarkan tiga (3) digit kod ICD-10

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK UTAMA, JOHOR, 2022



Melayu

9,761 kematian

- 1 Ischaemic heart diseases **17.5%**
- 2 Pneumonia **13.7%**
- 3 Cerebrovascular diseases **8.0%**
- 4 COVID-19 infection (due to) **4.9%**
- 5 Transport accidents **3.5%**



Bumiputera Lain

189 kematian

- 1 Pneumonia **12.2%**
- 2 Ischaemic heart diseases **10.6%**
- 3 Cerebrovascular diseases **7.4%**
- 4 Transport accidents **6.9%**
- 5 COVID-19 infection (due to) **3.7%**

KUMPULAN ETNIK UTAMA



Cina

4,882 kematian

- 1 Ischaemic heart diseases **18.0%**
- 2 Pneumonia **13.5%**
- 3 Cerebrovascular diseases **6.6%**
- 4 COVID-19 infection (due to) **5.4%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.9%**



India

1,371 kematian

- 1 Ischaemic heart diseases **21.7%**
- 2 Pneumonia **13.1%**
- 3 Cerebrovascular diseases **4.6%**
- 4 Transport accidents **4.0%**
- 5 COVID-19 infection (due to) **3.1%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, JOHOR, 2022



PERINATAL (<7 HARI)

Disorders related to short gestation and low birth weight, not elsewhere classified 24.2%

Cardiovascular disorders originating in the perinatal period 8.1%

Edward's syndrome and Patau's syndrome 6.7%



NEONATAL (<28 HARI)

Disorders related to short gestation and low birth weight, not elsewhere classified 19.1%

Bacterial sepsis of newborn 6.5%

Cardiovascular disorders originating in the perinatal period 6.0%



BAYI (<1 TAHUN)

Certain conditions originating in the perinatal period 44.4%

Congenital malformations, deformations and chromosomal abnormalities 26.7%

Pneumonia 3.5%



KANAK-KANAK 1-4 TAHUN

Pneumonia 8.5%

Congenital malformations, deformations and chromosomal abnormalities 8.5%

Leukaemia 4.2%



KURANG DARIPADA 5 TAHUN

Certain conditions originating in the perinatal period 36.1%

Congenital malformations, deformations and chromosomal abnormalities 23.3%

Pneumonia 4.5%

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, JOHOR, 2022



Transport accidents 4.9%

Pneumonia 4.1%

Leukaemia 1.8%



Transport accidents 20.8%

Ischaemic heart diseases 8.5%

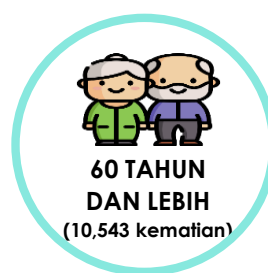
Pneumonia 7.1%



Ischaemic heart diseases 21.0%

Pneumonia 9.3%

Cerebrovascular diseases 6.8%



Ischaemic heart diseases 18.9%

Pneumonia 16.5%

Cerebrovascular diseases 8.2%

¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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KEDAH

BILANGAN KEMATIAN, KEDAH, 2022

17,628
kematian



9,792 (55.5%)
kematian



7,836 (44.5%)
kematian

PURATA

2 kematian setiap jam

48 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Kedah tahun 2022

17.6%



Ischaemic
heart diseases

19.3%



Pneumonia

17.7%



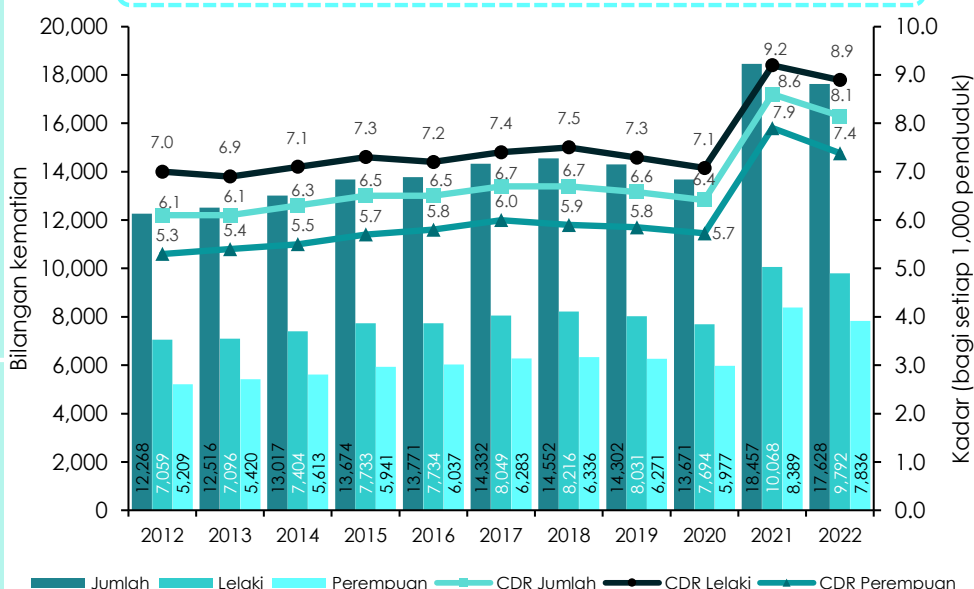
9.1%

Ectopic
pregnancy

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
KEDAH, 2012-2022

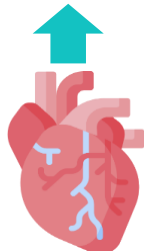
Kematian pada 2022 menurun **4.5 peratus** (829 kematian)
berbanding 2021 (18,457 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
KEDAH, 2022

1

Diseases of
the
circulatory
system

31.9%
30.8%



2

Diseases of
the
respiratory
system

21.8%
20.3%

3

Neoplasms

8.7%
9.0%



4

Certain
infectious
and parasitic
diseases

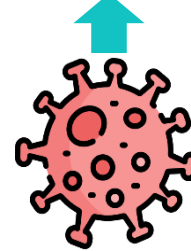
6.3%
5.1%



5

Codes for
special
purposes

5.3%
14.4%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, KEDAH, 2022



Melayu

8,519 kematian

- 1 Ischaemic heart diseases **17.8%**
- 2 Pneumonia **16.9%**
- 3 Cerebrovascular diseases **8.7%**
- 4 COVID-19 infection (due to) **5.3%**
- 5 Transport accidents **5.0%**



Bumiputera Lain

14 kematian

- 1 Ischaemic heart diseases **28.6%**
- 2 Pneumonia **28.6%**
- 3 Cerebrovascular diseases **7.1%**
- 4 Gastric and duodenal ulcer **7.1%**

Nota: Tiada sebab kematian diklasifikasikan di kedudukan 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

KUMPULAN ETNIK UTAMA



Cina

1,387 kematian

- 1 Pneumonia **16.9%**
- 2 Ischaemic heart diseases **15.9%**
- 3 Cerebrovascular diseases **9.1%**
- 4 COVID-19 infection (due to) **6.6%**
- 5 Transport accidents **2.8%**



India

815 kematian

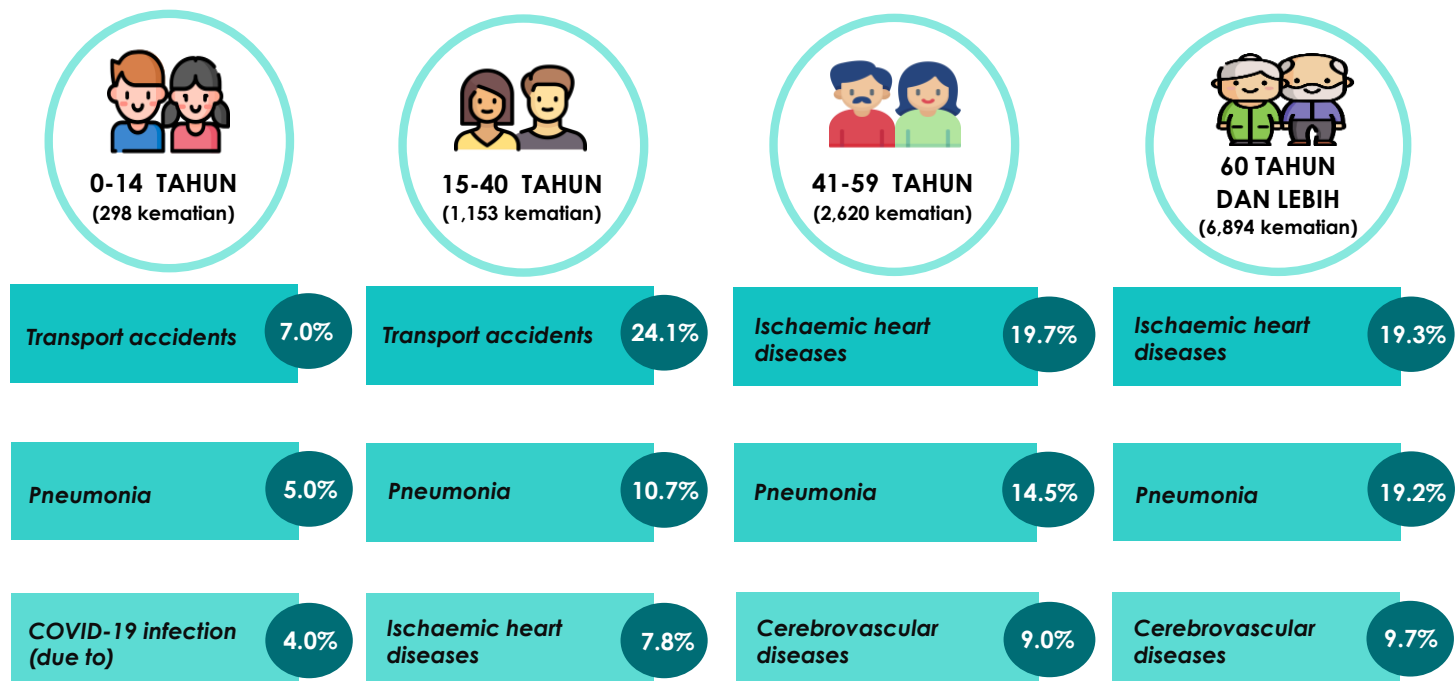
- 1 Ischaemic heart diseases **20.5%**
- 2 Pneumonia **13.5%**
- 3 Cerebrovascular diseases **8.3%**
- 4 Transport accidents **4.5%**
- 5 COVID-19 infection (due to) **3.2%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, KEDAH, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, KEDAH, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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KELANTAN

BILANGAN KEMATIAN, KELANTAN, 2022

13,445
kematian



7,411 (55.1%)
kematian



6,034 (44.9%)
kematian

PURATA

2 kematian setiap jam

37 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Kelantan tahun 2022

23.3%



**Ischaemic
heart
diseases**

24.5%



21.6%

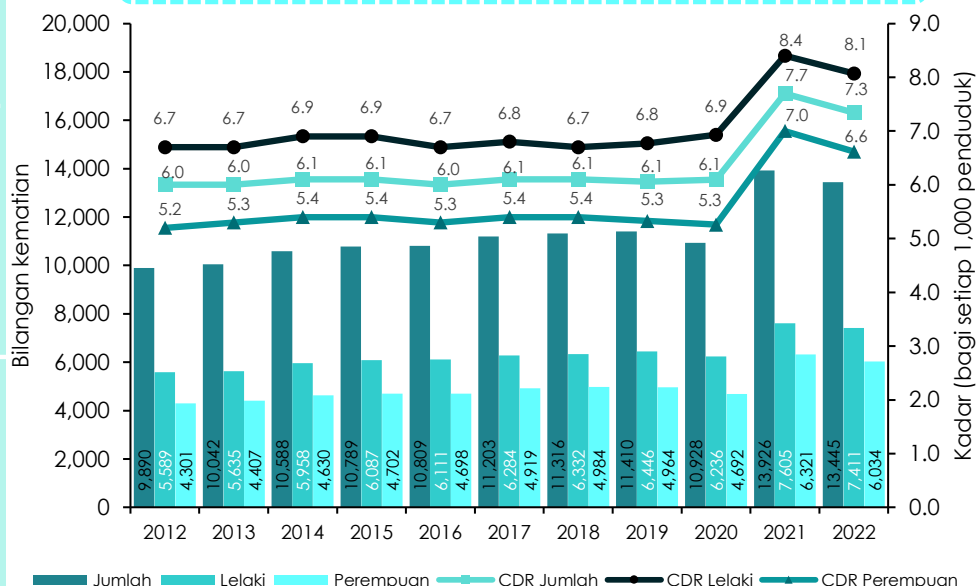


13.3% *Postpartum
haemorrhage*

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), KELANTAN, 2012-2022

Kematian pada 2022 menurun **3.5 peratus** (481 kematian)
berbanding 2021 (13,926 kematian)

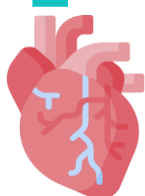


LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10, KELANTAN, 2022

1

**Diseases of
the
circulatory
system**

37.2%
34.0%



2

**Diseases of
the
respiratory
system**

18.1%
12.7%

3

**Certain
infectious
and parasitic
diseases**

9.4%
10.5%



4

Neoplasms

8.3%
8.0%

5

**Endocrine,
nutritional and
metabolic
diseases**

3.8%
4.1%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, KELANTAN, 2022



Melayu 7,972 kematian

- 1 Ischaemic heart diseases **23.5%**
- 2 Pneumonia **13.9%**
- 3 Cerebrovascular diseases **8.3%**
- 4 Diabetes mellitus **2.9%**
- 5 Transport accidents **2.6%**



Bumiputera Lain 66 kematian

- 1 Pneumonia **19.7%**
- 2 Transport accidents **13.6%**
- 3 Ischaemic heart diseases **7.6%**
- 4 Respiratory tuberculosis **4.5%**
- 5 Cerebrovascular diseases **3.0%**

KUMPULAN ETNIK UTAMA



Cina 299 kematian

- 1 Ischaemic heart diseases **22.7%**
- 2 Pneumonia **14.4%**
- 3 Cerebrovascular diseases **7.7%**
- 4 COVID-19 infection (due to) **2.7%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.3%**



India 24 kematian

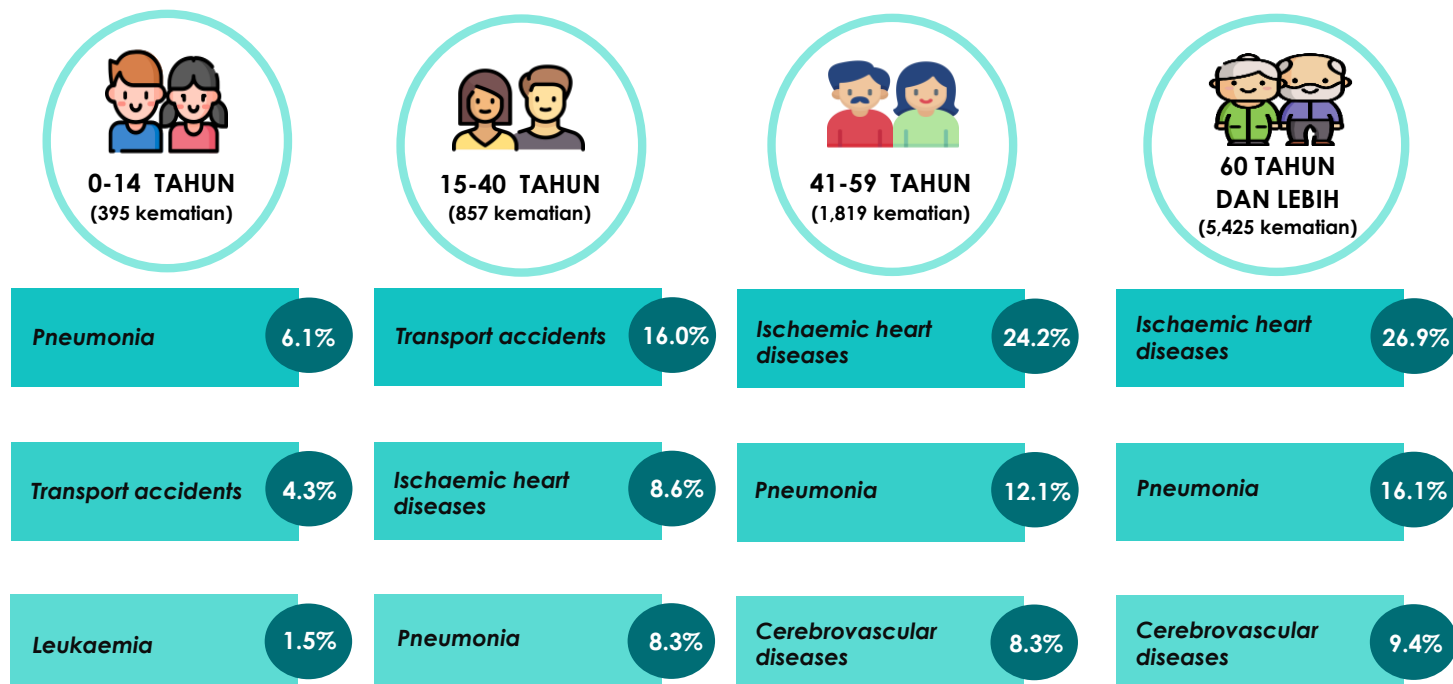
- 1 Pneumonia **37.5%**
- 2 Ischaemic heart diseases **16.7%**
- 3 Chronic lower respiratory diseases **8.3%**
- 4 COVID-19 infection (due to) **8.3%**
- 5 Cerebrovascular diseases **4.2%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, KELANTAN, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, KELANTAN, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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MELAKA

BILANGAN KEMATIAN, MELAKA, 2022

6,630
kematian



3,669 (55.3%)
kematian



2,961 (44.7%)
kematian

PURATA

1 kematian setiap jam

18 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Melaka tahun 2022

20.0%



**Ischaemic
heart
diseases**

22.6%



16.4%



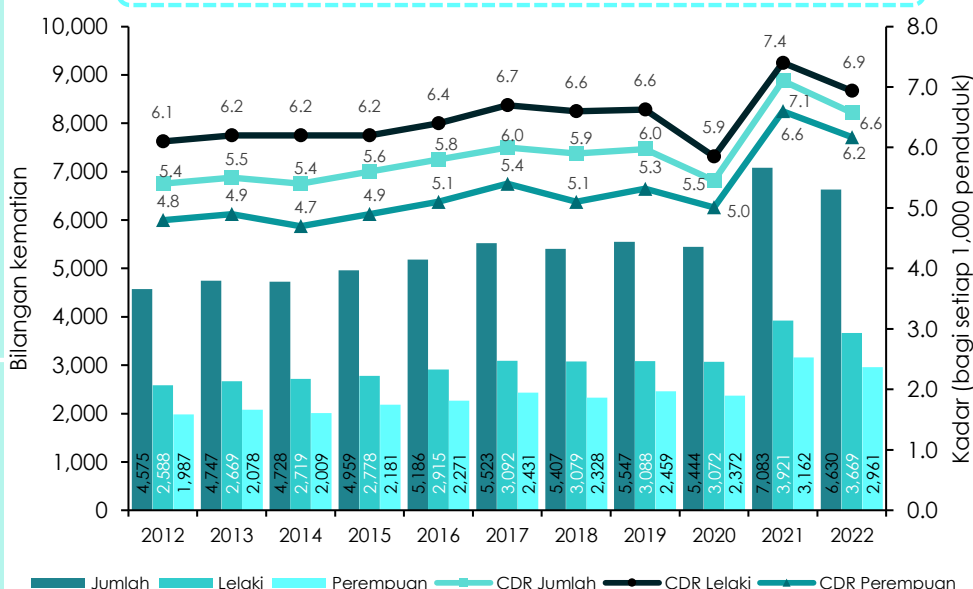
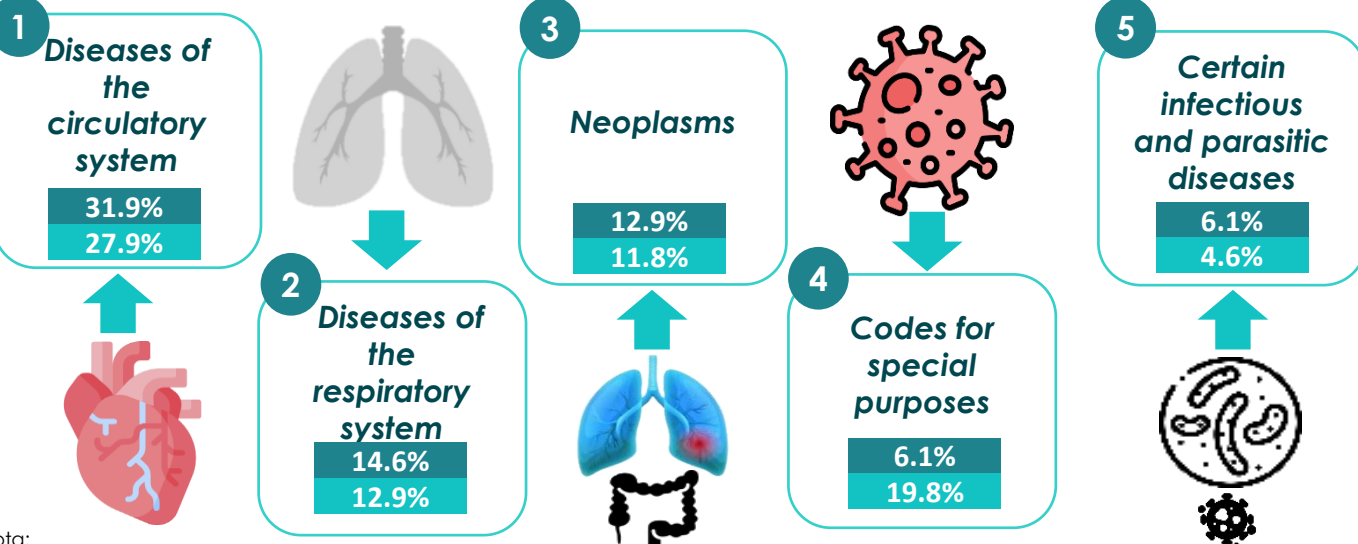
50.0%

**Ectopic
pregnancy**

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
MELAKA, 2012-2022

Kematian pada 2022 menurun **6.4 peratus** (453 kematian)
berbanding 2021 (7,083 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
MELAKA, 2022

Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, MELAKA, 2022



Melayu 2,482 kematian

- 1 Ischaemic heart diseases **20.0%**
- 2 Pneumonia **9.0%**
- 3 Cerebrovascular diseases **6.7%**
- 4 COVID-19 infection (due to) **5.2%**
- 5 Transport accidents **3.6%**



Bumiputera Lain 17 kematian

- 1 COVID-19 infection (due to) **17.6%**
- 2 Ischaemic heart diseases **11.8%**
- 3 Cerebrovascular diseases **11.8%**
- 4 Hypertensive diseases **5.9%**
- 5 Influenza **5.9%**

KUMPULAN ETNIK UTAMA



Cina 940 kematian

- 1 Ischaemic heart diseases **18.6%**
- 2 Pneumonia **12.0%**
- 3 COVID-19 infection (due to) **8.2%**
- 4 Cerebrovascular diseases **5.6%**
- 5 Malignant neoplasm of colon, rectum and anus **2.7%**



India 326 kematian

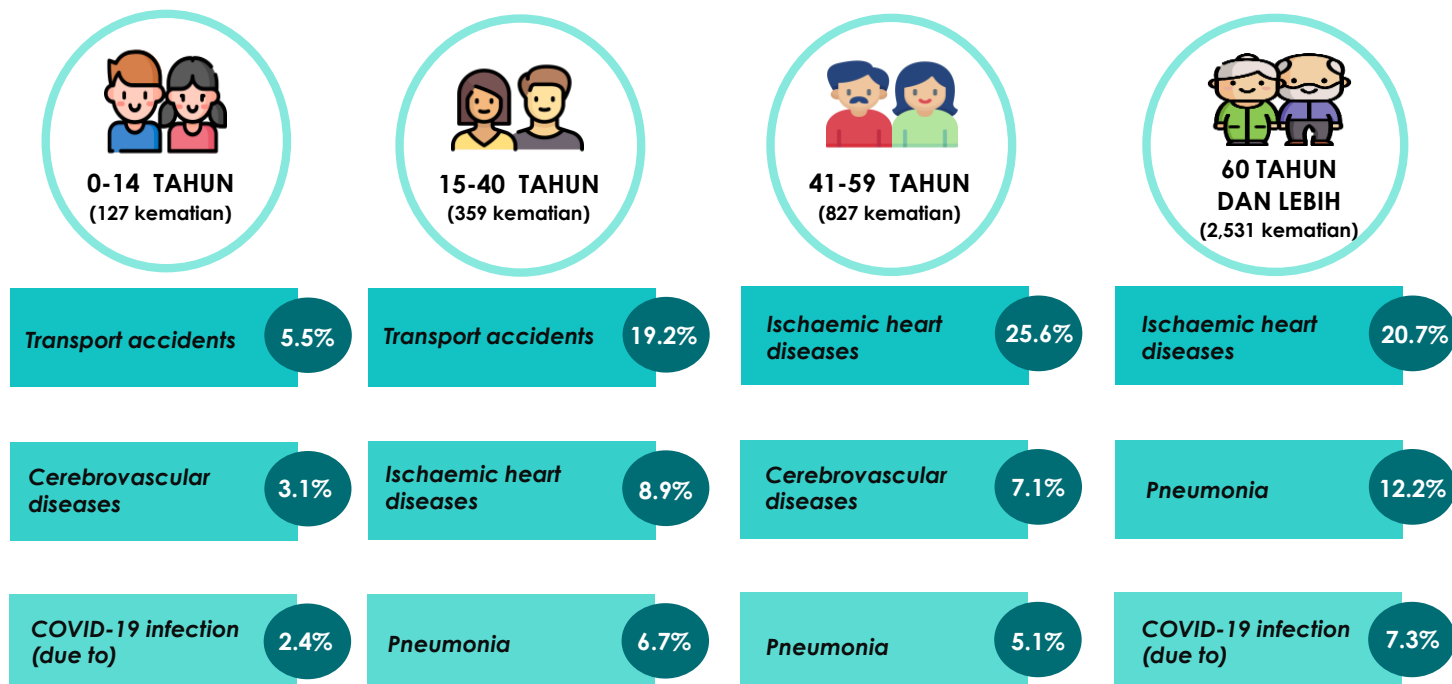
- 1 Ischaemic heart diseases **24.5%**
- 2 Pneumonia **9.5%**
- 3 Cerebrovascular diseases **7.4%**
- 4 COVID-19 infection (due to) **4.6%**
- 5 Transport accidents **4.0%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, MELAKA, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, MELAKA, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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NEGERI SEMBILAN

BILANGAN KEMATIAN, NEGERI SEMBILAN, 2022



8,636
kematian



4,959 (57.4%)
kematian



3,677 (42.6%)
kematian

PURATA

1 kematian setiap jam

24 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Negeri Sembilan tahun 2022

16.7%



Ischaemic
heart
diseases

18.9%



13.3%



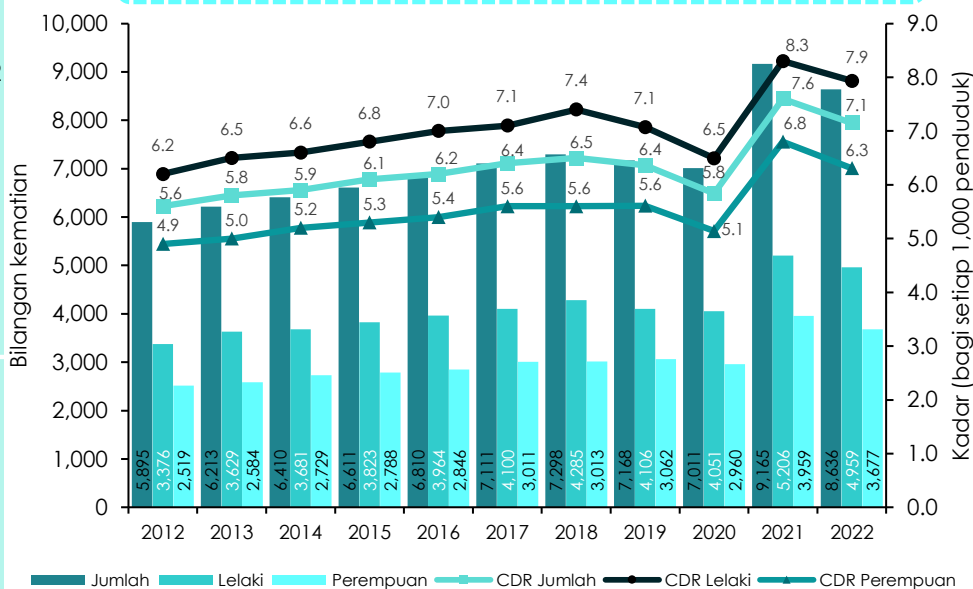
100.0%

Obstetric
embolism

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
NEGERI SEMBILAN, 2012-2022

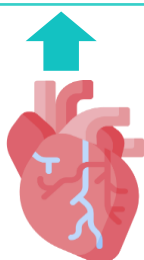
Kematian pada 2022 menurun **5.8 peratus** (529 kematian)
berbanding 2021 (9,165 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
NEGERI SEMBILAN, 2022

1

Diseases of
the
circulatory
system

32.6%
27.1%



2

Diseases of
the
respiratory
system

16.8%
13.8%

3

Neoplasms

13.5%
11.2%



4

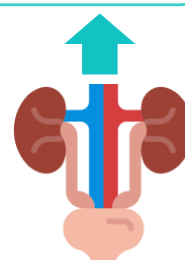
Certain
infectious
and parasitic
diseases

5.9%
5.7%

5

Diseases of
the
genitourinary
system

4.3%
3.3%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, NEGERI SEMBILAN, 2022



Melayu 3,408 kematian

- 1 Ischaemic heart diseases **15.9%**
- 2 Pneumonia **11.2%**
- 3 Cerebrovascular diseases **7.6%**
- 4 Transport accidents **4.4%**
- 5 COVID-19 infection (due to) **3.8%**



Bumiputera Lain 90 kematian

- 1 Ischaemic heart diseases **15.6%**
- 2 Pneumonia **10.0%**
- 3 Cerebrovascular diseases **7.8%**
- 4 Malignant neoplasm of breast **4.4%**
- 5 Diabetes mellitus **4.4%**

KUMPULAN ETNIK UTAMA



Cina 1,395 kematian

- 1 Ischaemic heart diseases **15.7%**
- 2 Pneumonia **11.5%**
- 3 Cerebrovascular diseases **8.2%**
- 4 Malignant neoplasm of trachea, bronchus and lung **5.4%**
- 5 COVID-19 infection (due to) **3.4%**



India 1,021 kematian

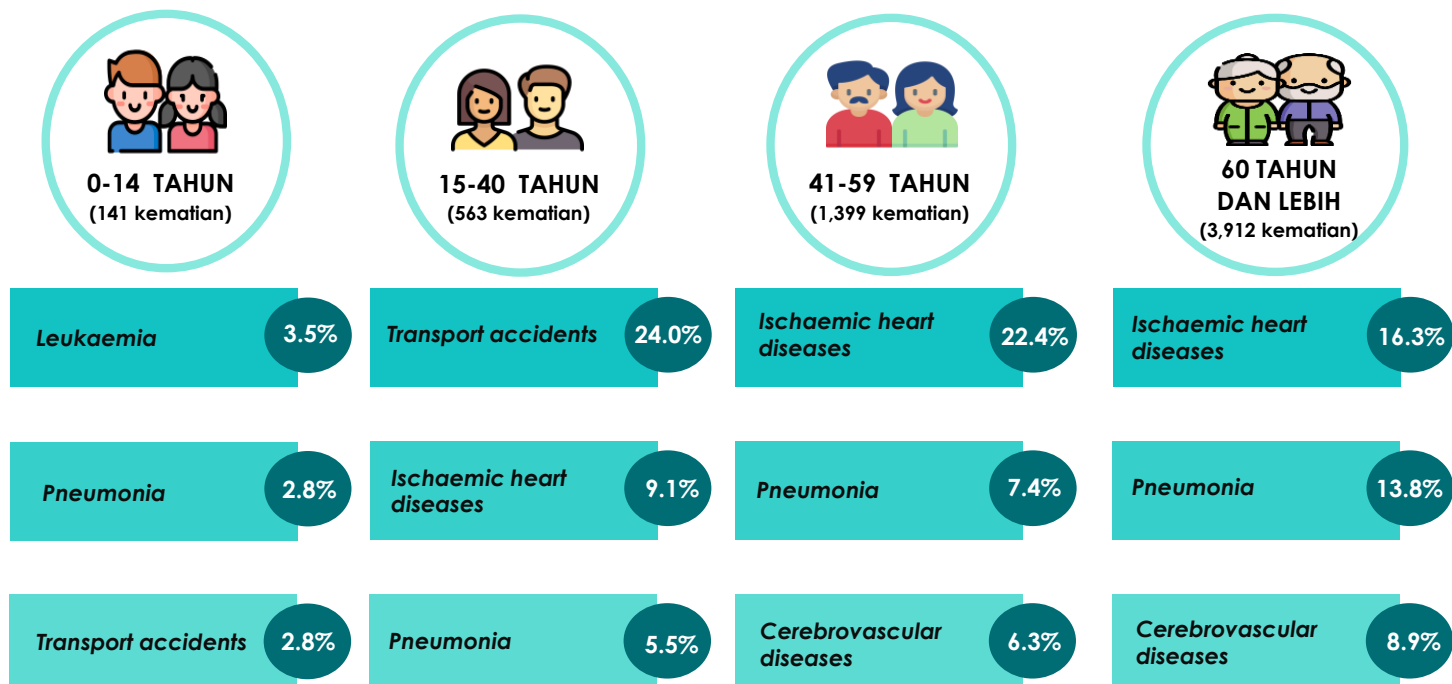
- 1 Ischaemic heart diseases **20.9%**
- 2 Pneumonia **10.7%**
- 3 Cerebrovascular diseases **7.2%**
- 4 Diseases of the liver **4.0%**
- 5 Transport accidents **3.9%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, NEGERI SEMBILAN, 2022



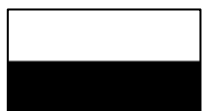
TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, NEGERI SEMBILAN, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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PAHANG

BILANGAN KEMATIAN, PAHANG, 2022



11,022
kematian



6,516 (59.1%)
kematian



4,506 (40.9%)
kematian

PURATA

1 kematian setiap jam

30 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Pahang tahun 2022

16.9%



**Ischaemic
heart diseases**

18.6%



Pneumonia

15.8%



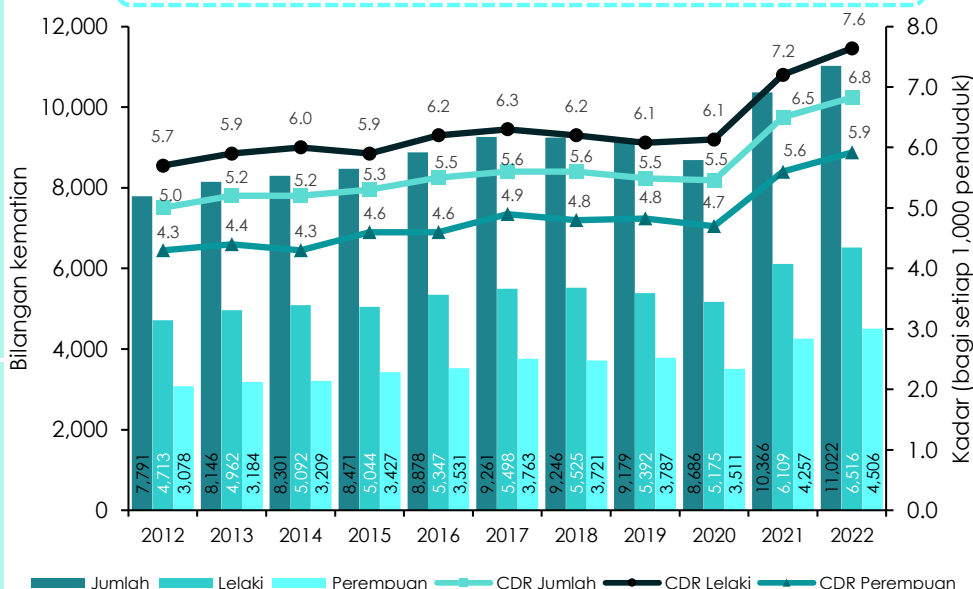
40.0%

**Obstetric
embolism**

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PAHANG, 2012-2022

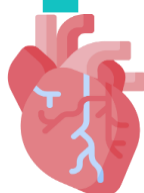
Kematian pada 2022 meningkat **6.3 peratus** (656 kematian)
berbanding 2021 (10,366 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
PAHANG, 2022

1

**Diseases of
the
circulatory
system**

30.8%
30.7%



2

**Diseases of
the
respiratory
system**

20.3%
15.7%

3

Neoplasms

9.9%
10.3%



4

**Certain
infectious
and parasitic
diseases**

8.2%
7.0%

5

**Diseases of
the digestive
system**

3.8%
3.4%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, PAHANG, 2022



Melayu 5,007 kematian

- 1 Ischaemic heart diseases **16.9%**
- 2 Pneumonia **15.0%**
- 3 Cerebrovascular diseases **7.4%**
- 4 COVID-19 infection (due to) **4.0%**
- 5 Transport accidents **3.9%**



Bumiputera Lain 322 kematian

- 1 Pneumonia **15.8%**
- 2 Ischaemic heart diseases **14.9%**
- 3 Transport accidents **8.7%**
- 4 Cerebrovascular diseases **7.1%**
- 5 Chronic lower respiratory diseases **4.7%**

KUMPULAN ETNIK UTAMA



Cina 1,173 kematian

- 1 Ischaemic heart diseases **16.5%**
- 2 Pneumonia **14.7%**
- 3 Cerebrovascular diseases **6.5%**
- 4 COVID-19 infection (due to) **4.2%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.6%**



India 328 kematian

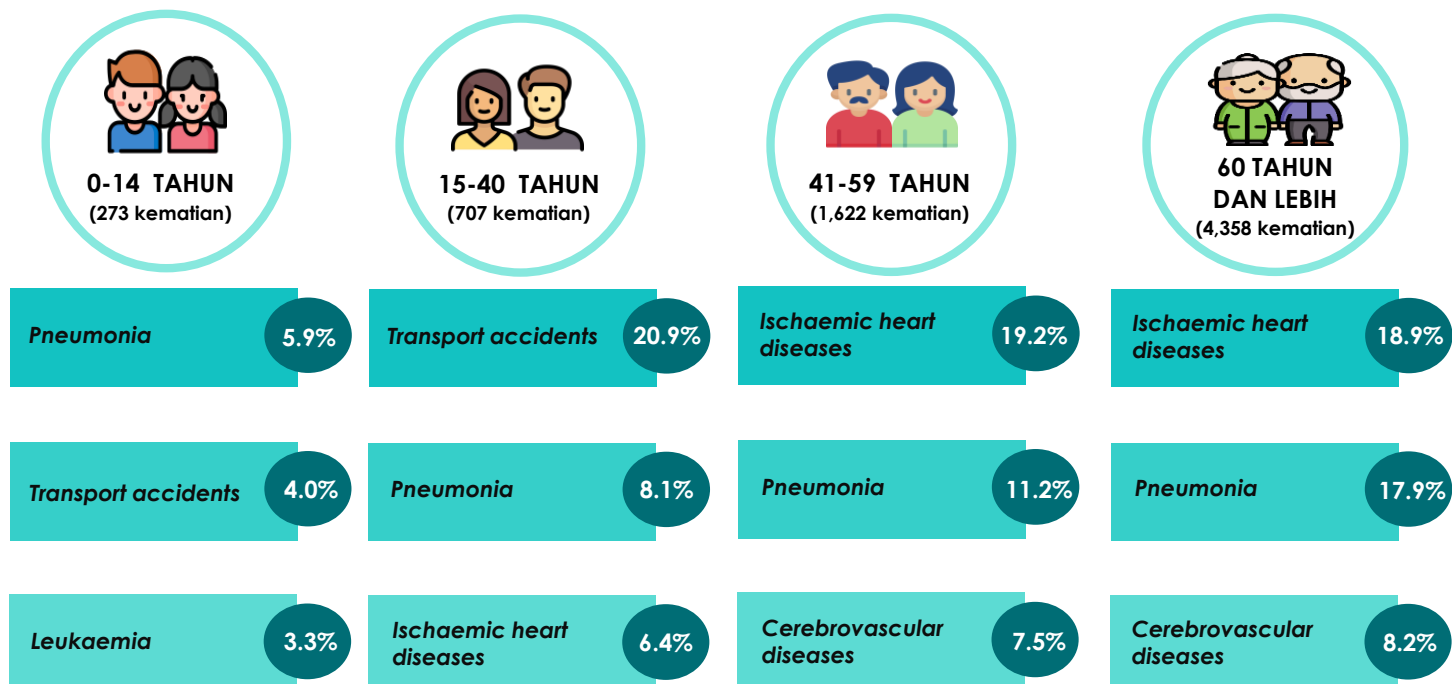
- 1 Ischaemic heart diseases **20.4%**
- 2 Pneumonia **13.4%**
- 3 Cerebrovascular diseases **6.7%**
- 4 Transport accidents **3.7%**
- 5 Diseases of the liver **2.7%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PAHANG, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PAHANG, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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PERAK

BILANGAN KEMATIAN, PERAK, 2022

22,341
kematian



12,641 (56.6%)
kematian



9,700 (43.4%)
kematian

PURATA

3 kematian setiap jam

61 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Perak tahun 2022

14.7%



**Ischaemic
heart diseases**

16.9%



Pneumonia

15.6%



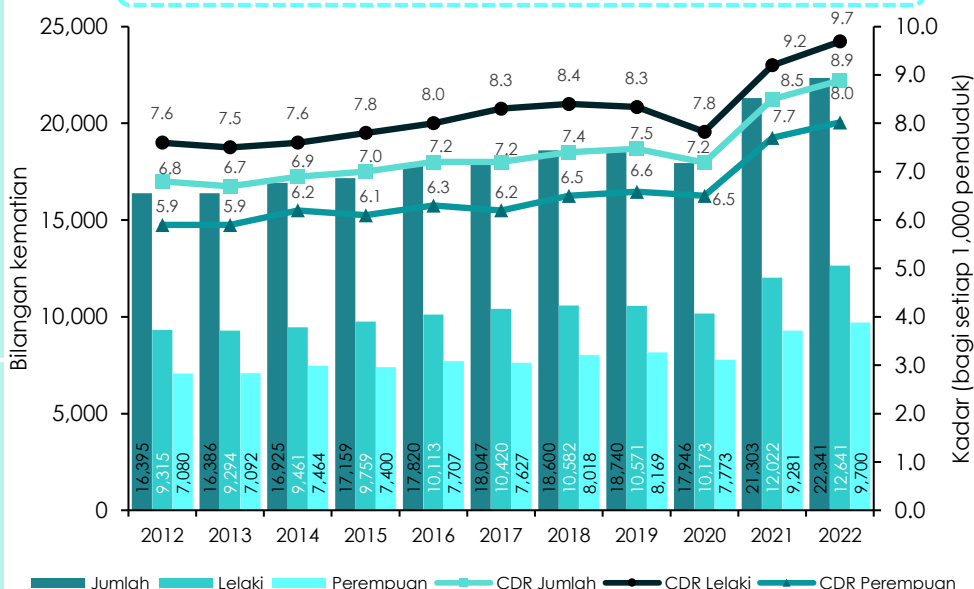
33.3%

**Obstetric
embolism**

merupakan
sebab kematian utama
bagi ibu bersalin

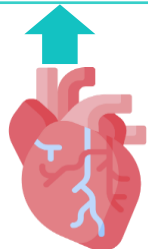
SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PERAK, 2012-2022

Kematian pada 2022 meningkat **4.9 peratus** (1,038 kematian)
berbanding 2021 (21,303 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
PERAK, 2022

1 Diseases of
the
circulatory
system

27.5%
33.9%



2 Diseases of
the
respiratory
system

19.8%
15.6%

3 Neoplasms

10.8%
12.1%

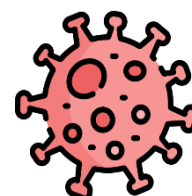


4 Certain
infectious
and parasitic
diseases

7.8%
5.4%

5 Codes for
special
purposes

5.9%
9.6%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, PERAK, 2022



Melayu 6,449 kematian

- 1 Ischaemic heart diseases **14.8%**
- 2 Pneumonia **14.3%**
- 3 Cerebrovascular diseases **7.5%**
- 4 COVID-19 infection (due to) **5.6%**
- 5 Transport accidents **3.6%**



Bumiputera Lain 250 kematian

- 1 Pneumonia **12.0%**
- 2 Ischaemic heart diseases **10.8%**
- 3 Cerebrovascular diseases **6.8%**
- 4 Transport accidents **4.0%**
- 5 COVID-19 infection (due to) **2.8%**

KUMPULAN ETNIK UTAMA



Cina 3,694 kematian

- 1 Pneumonia **15.8%**
- 2 Ischaemic heart diseases **12.5%**
- 3 COVID-19 infection (due to) **7.4%**
- 4 Cerebrovascular diseases **6.0%**
- 5 Malignant neoplasm of trachea, bronchus and lung **3.0%**



India 1,831 kematian

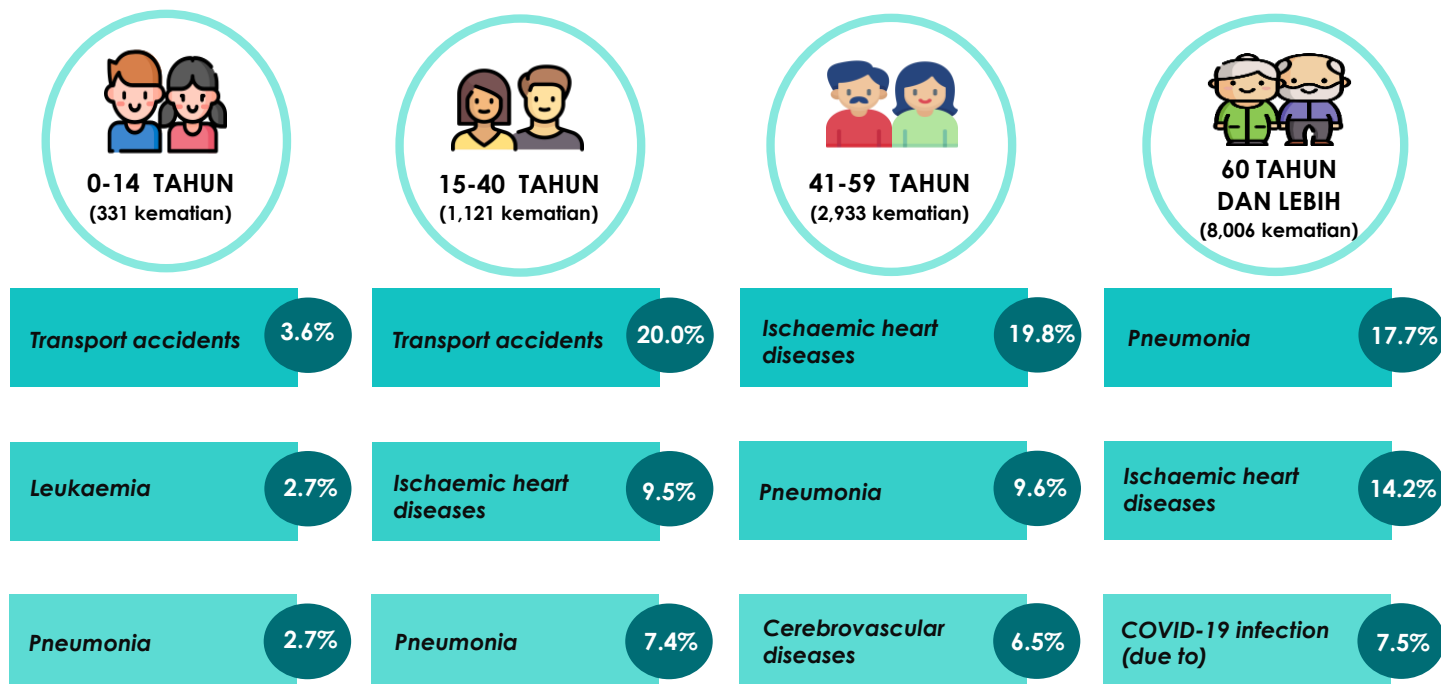
- 1 Ischaemic heart diseases **19.5%**
- 2 Pneumonia **12.6%**
- 3 Cerebrovascular diseases **5.0%**
- 4 Transport accidents **5.0%**
- 5 Diseases of the liver **4.0%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PERAK, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PERAK, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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PERLIS

BILANGAN KEMATIAN, PERLIS, 2022

2,422
kematian



1,348 (55.7%)
kematian



1,074 (44.3%)
kematian

PURATA

7 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Perlis tahun 2022

23.1%



Ischaemic heart diseases

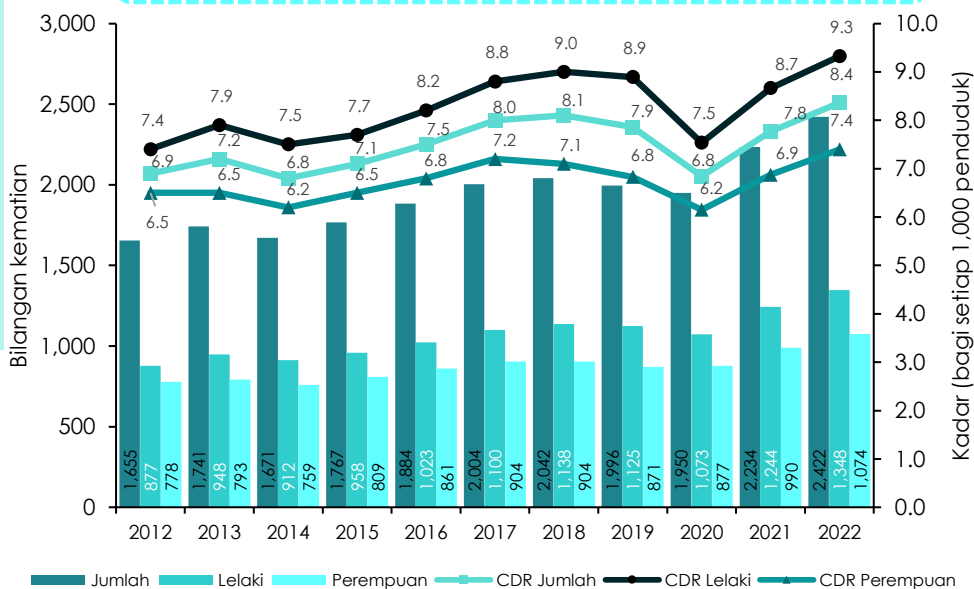
24.4%



21.4%

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PERLIS, 2012-2022

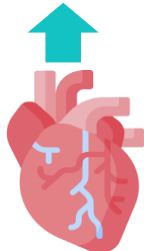
Kematian pada 2022 meningkat **8.4 peratus** (188 kematian)
berbanding 2021 (2,234 kematian)



LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
PERLIS, 2022

1
Diseases of the circulatory system

35.9%
31.4%



2
Diseases of the respiratory system

19.9%
17.2%

3
Neoplasms

8.9%
9.5%

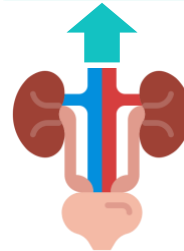


4
Certain infectious and parasitic diseases

7.4%
7.4%

5
Diseases of the genitourinary system

4.5%
4.6%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, PERLIS, 2022



Melayu

1,379 kematian

- 1 Ischaemic heart diseases **23.5%**
- 2 Pneumonia **15.7%**
- 3 Cerebrovascular diseases **6.2%**
- 4 Transport accidents **4.1%**
- 5 COVID-19 infection (due to) **4.0%**



Bumiputera

Lain

0 kematian

Nota: Tiada kematian yang disahkan oleh perubatan direkodkan bagi Bumiputera Lain

KUMPULAN ETNIK UTAMA



Cina

156 kematian

- 1 Ischaemic heart diseases **21.2%**
- 2 Pneumonia **11.5%**
- 3 Cerebrovascular diseases **10.3%**
- 4 Malignant neoplasm of trachea, bronchus and lung **3.2%**
- 5 Hypertensive diseases **2.6%**



India

20 kematian

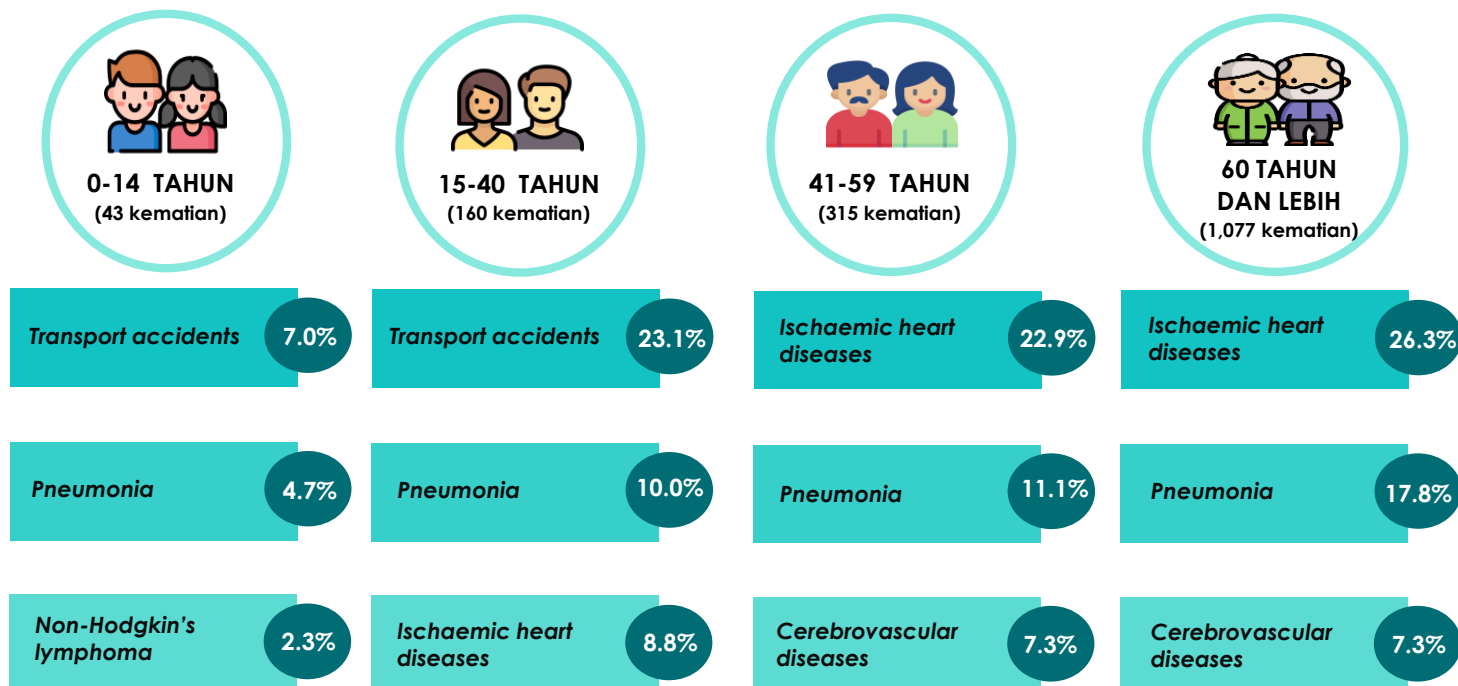
- 1 Ischaemic heart diseases **25.0%**
- 2 Pneumonia **20.0%**
- 3 Cerebrovascular diseases **10.0%**
- 4 Malignant neoplasm of liver and intrahepatic bile ducts **5.0%**
- 5 Anaemias **5.0%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PERLIS, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PERLIS, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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PULAU PINANG

BILANGAN KEMATIAN, PULAU PINANG, 2022

12,920
kematian



7,338 (56.8%)
kematian



5,582 (43.2%)
kematian

PURATA

1 kematian setiap jam

35 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Pulau Pinang tahun 2022

17.2%



Ischaemic heart diseases

19.6%



Pneumonia

15.2%



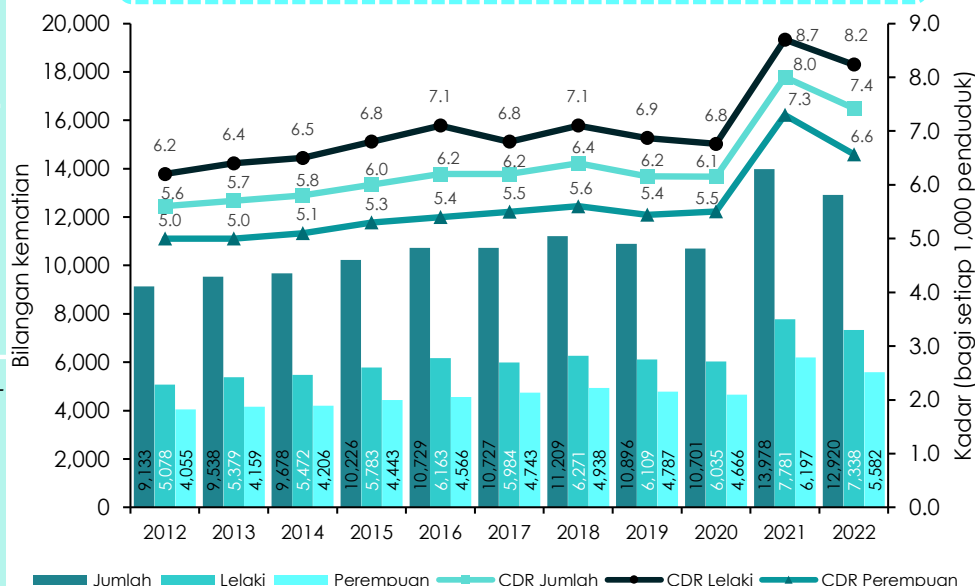
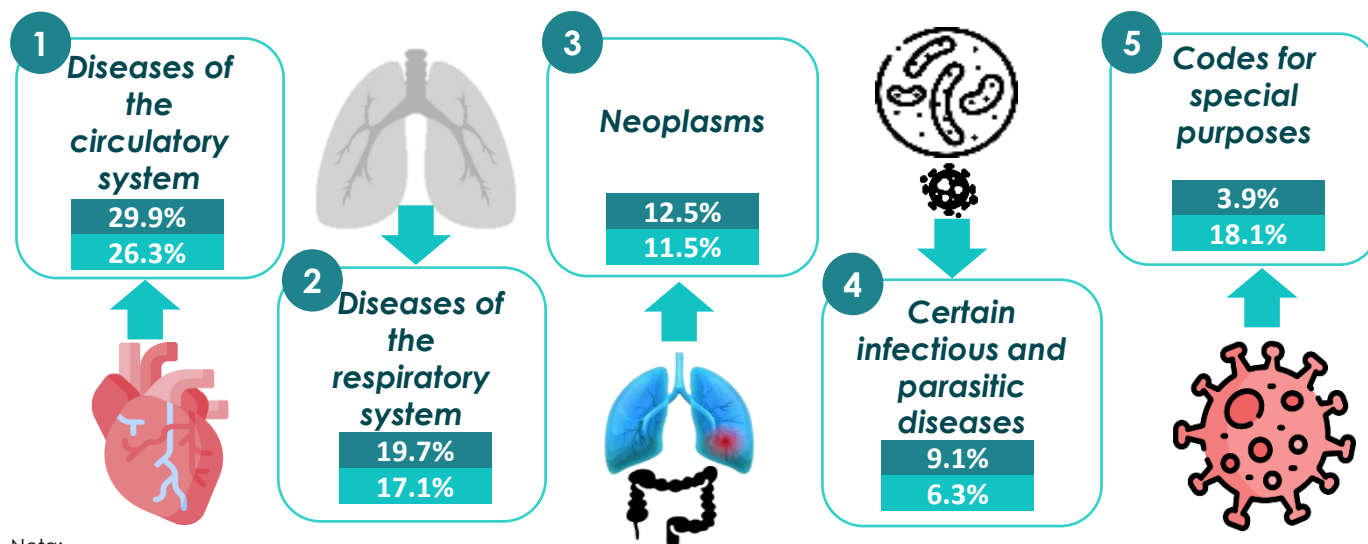
25.0%

merupakan
sebab kematian utama
bagi ibu bersalin

Gestational [pregnancy -
induced] hypertension
with significant
proteinuria

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PULAU PINANG, 2012-2022

Kematian pada 2022 menurun **7.6 peratus** (1,058 kematian)
berbanding 2021 (13,978 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
PULAU PINANG, 2022

Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, PULAU PINANG, 2022



Melayu 3,009 kematian

- 1 Ischaemic heart diseases **17.4%**
- 2 Pneumonia **13.6%**
- 3 Cerebrovascular diseases **5.8%**
- 4 Transport accidents **4.9%**
- 5 COVID-19 infection (due to) **3.7%**



Bumiputera Lain 16 kematian

- 1 Malignant neoplasm of cervix uteri **6.3%**
- 2 Non-Hodgkin's lymphoma **6.3%**
- 3 Hypertensive diseases **6.3%**
- 4 Ischaemic heart diseases **6.3%**
- 5 Pneumonia **6.3%**

KUMPULAN ETNIK UTAMA



Cina 3,455 kematian

- 1 Ischaemic heart diseases **15.5%**
- 2 Pneumonia **14.6%**
- 3 Cerebrovascular diseases **5.3%**
- 4 COVID-19 infection (due to) **4.4%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.9%**



India 1,161 kematian

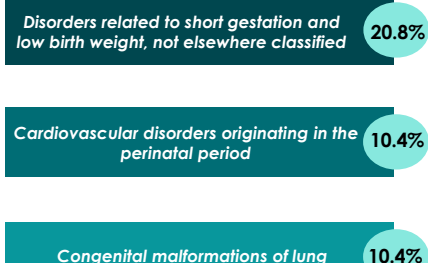
- 1 Ischaemic heart diseases **22.1%**
- 2 Pneumonia **12.4%**
- 3 Transport accidents **4.9%**
- 4 Cerebrovascular diseases **4.4%**
- 5 Diseases of the liver **3.5%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

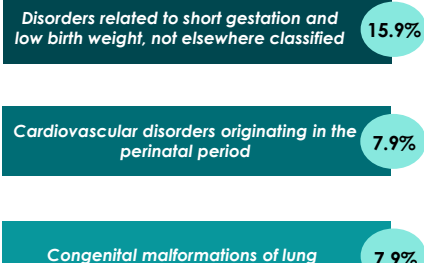
TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PULAU PINANG, 2022



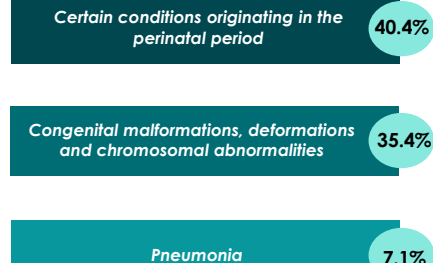
PERINATAL (<7 HARI)



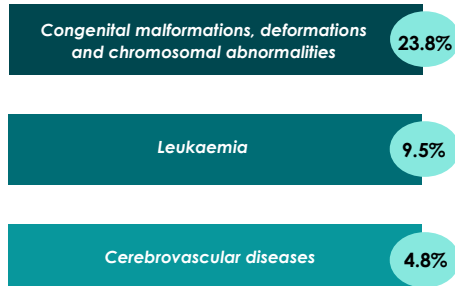
NEONATAL (<28 HARI)



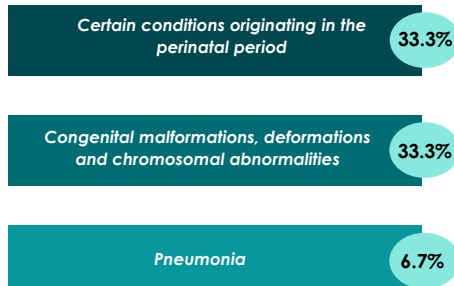
BAYI (<1 TAHUN)



KANAK-KANAK 1-4 TAHUN



KURANG DARIPADA 5 TAHUN



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PULAU PINANG, 2022



Pneumonia

5.2%



Transport accidents

22.7%



Ischaemic heart diseases

24.1%



Pneumonia

16.8%

Transport accidents

4.6%

Ischaemic heart diseases

8.8%

Pneumonia

8.7%

Ischaemic heart diseases

16.3%

Malignant neoplasm of meninges, brain and other parts of central nervous system

1.3%

Pneumonia

6.4%

Cerebrovascular diseases

5.2%

Cerebrovascular diseases

5.8%

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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SABAH

BILANGAN KEMATIAN, SABAH, 2022

17,395
kematian



10,084 (58.0%)
kematian



7,311 (42.0%)
kematian

PURATA

2 kematian setiap jam

48 kematian setiap hari

SEBAB KEMATIAN UTAMA

Pneumonia



merupakan
sebab kematian utama di
Sabah tahun 2022

12.8%



Pneumonia

11.9%



14.0%



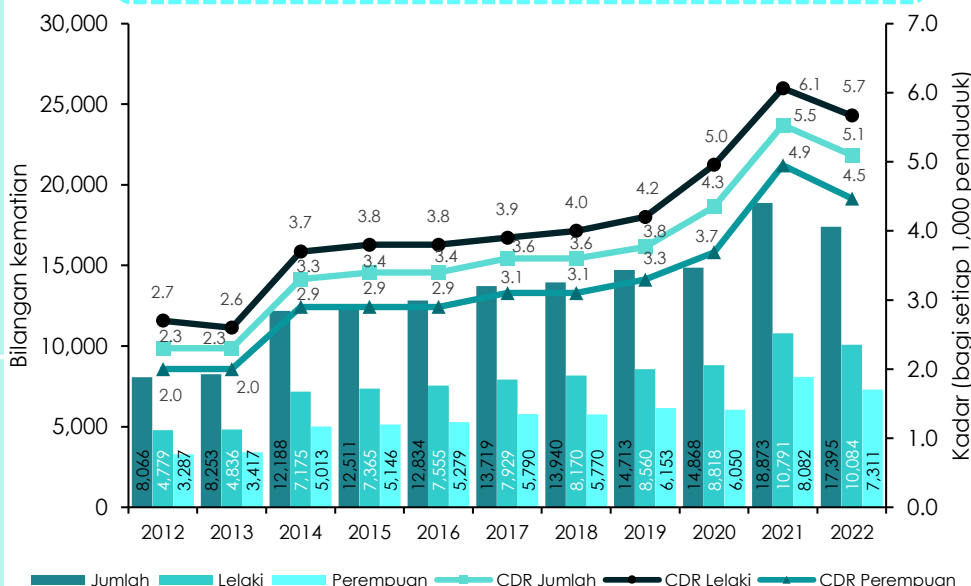
15.4%

Gestational [pregnancy -
induced] hypertension
with significant
proteinuria

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SABAH, 2012-2022

Kematian pada 2022 menurun **7.8 peratus** (1,478 kematian)
berbanding 2021 (18,873 kematian)

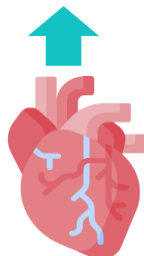


LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10, SABAH, 2022

1

**Diseases of
the
circulatory
system**

24.1%
21.6%



2

**Diseases of
the
respiratory
system**

19.5%
14.3%

3

Neoplasms

15.2%
11.8%



4

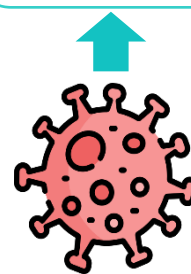
**Certain
infectious and
parasitic
diseases**

6.5%
4.5%

5

**Codes for
special
purposes**

4.9%
22.5%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, SABAH, 2022



Melayu

1,100 kematian

1	Pneumonia	11.1%
2	Ischaemic heart diseases	8.4%
3	Cerebrovascular diseases	6.1%
4	Hypertensive diseases	4.1%
5	COVID-19 infection (due to)	4.0%



Bumiputera Lain

5,273 kematian

1	Pneumonia	12.4%
2	Cerebrovascular diseases	6.5%
3	Ischaemic heart diseases	5.3%
4	Hypertensive diseases	5.2%
5	COVID-19 infection (due to)	4.4%

KUMPULAN ETNIK UTAMA



Cina

1,382 kematian

1	Pneumonia	16.5%
2	Ischaemic heart diseases	8.3%
3	Cerebrovascular diseases	6.3%
4	COVID-19 infection (due to)	5.0%
5	Hypertensive diseases	4.1%



India

29 kematian

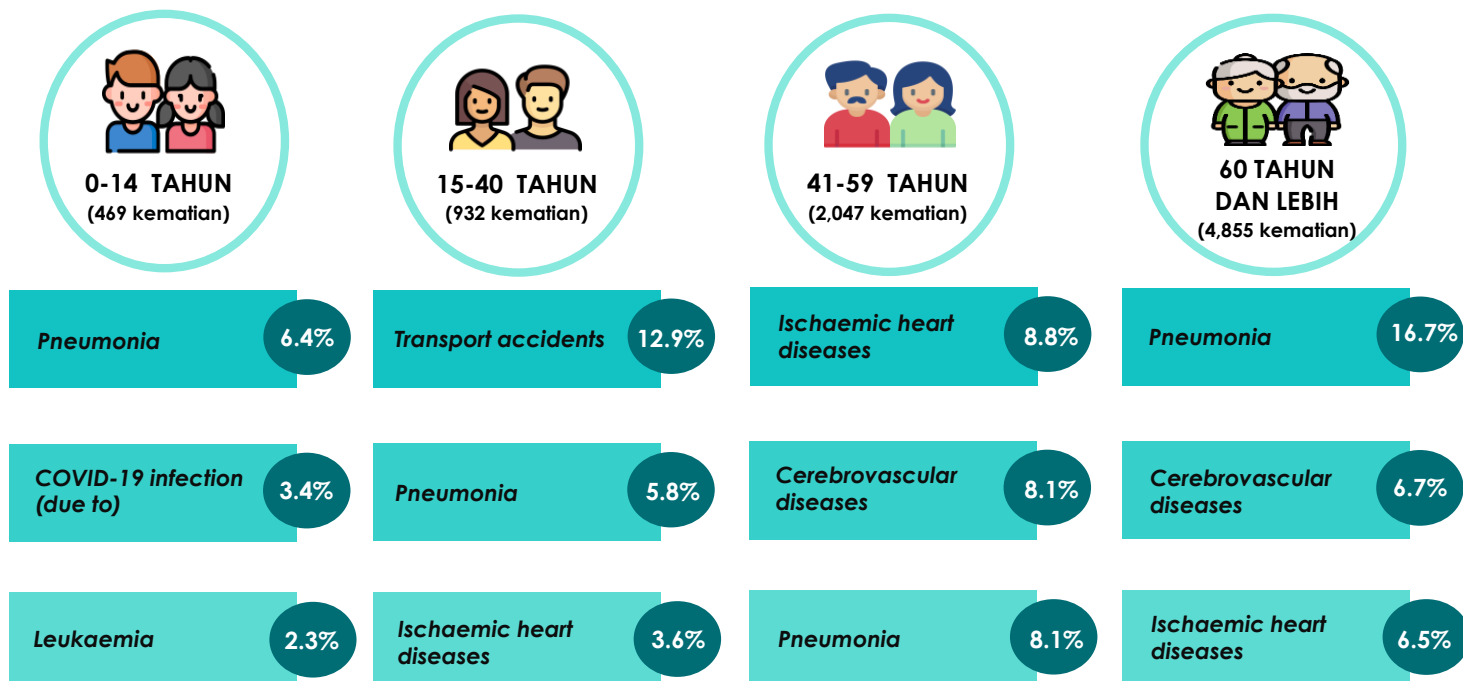
1	Ischaemic heart diseases	13.8%
2	Pneumonia	13.8%
3	COVID-19 infection (due to)	10.3%
4	Cerebrovascular diseases	6.9%
5	Respiratory tuberculosis	3.4%

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, SABAH, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, SABAH, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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SARAWAK

BILANGAN KEMATIAN, SARAWAK, 2022

16,627
kematian



9,566 (57.5%)
kematian



7,061 (42.5%)
kematian

PURATA

2 kematian setiap jam

46 kematian setiap hari

SEBAB KEMATIAN UTAMA

Pneumonia



merupakan
sebab kematian utama di
Sarawak tahun 2022

9.4%



Ischaemic heart diseases

9.2%



Pneumonia

10.9%



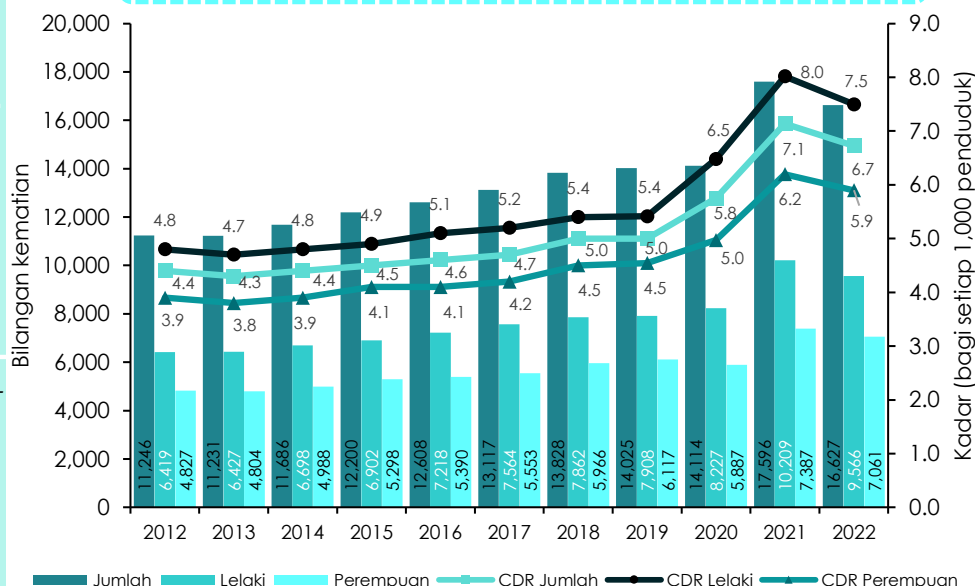
16.7%

Gestational (pregnancy - induced) hypertension with significant proteinuria

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SARAWAK, 2012-2022

Kematian pada 2022 menurun **5.5 peratus** (969 kematian) berbanding 2021 (17,596 kematian)

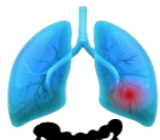
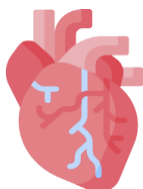


LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10, SARAWAK, 2022

1

Diseases of the circulatory system

25.5%
25.0%



2

Neoplasms

17.8%
14.7%

3

Diseases of the respiratory system

17.0%
13.0%



4

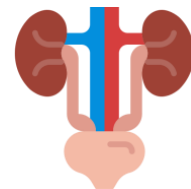
Certain infectious and parasitic diseases

7.2%
6.1%

5

Diseases of the genitourinary system

5.1%
4.5%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, SARAWAK, 2022



Melayu

1,544 kematian

- 1 Ischaemic heart diseases **10.7%**
- 2 Cerebrovascular diseases **8.4%**
- 3 Pneumonia **7.1%**
- 4 Chronic lower respiratory diseases **3.4%**
- 5 Hypertensive diseases **3.3%**



Bumiputera Lain

3,833 kematian

- 1 Pneumonia **10.1%**
- 2 Cerebrovascular diseases **7.2%**
- 3 Ischaemic heart diseases **7.2%**
- 4 Chronic lower respiratory diseases **4.1%**
- 5 Malignant neoplasm of trachea, bronchus and lung **3.3%**

KUMPULAN ETNIK UTAMA



Cina

2,311 kematian

- 1 Pneumonia **9.7%**
- 2 Ischaemic heart diseases **8.6%**
- 3 Cerebrovascular diseases **5.8%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.5%**
- 5 COVID-19 infection (due to) **3.4%**



India

20 kematian

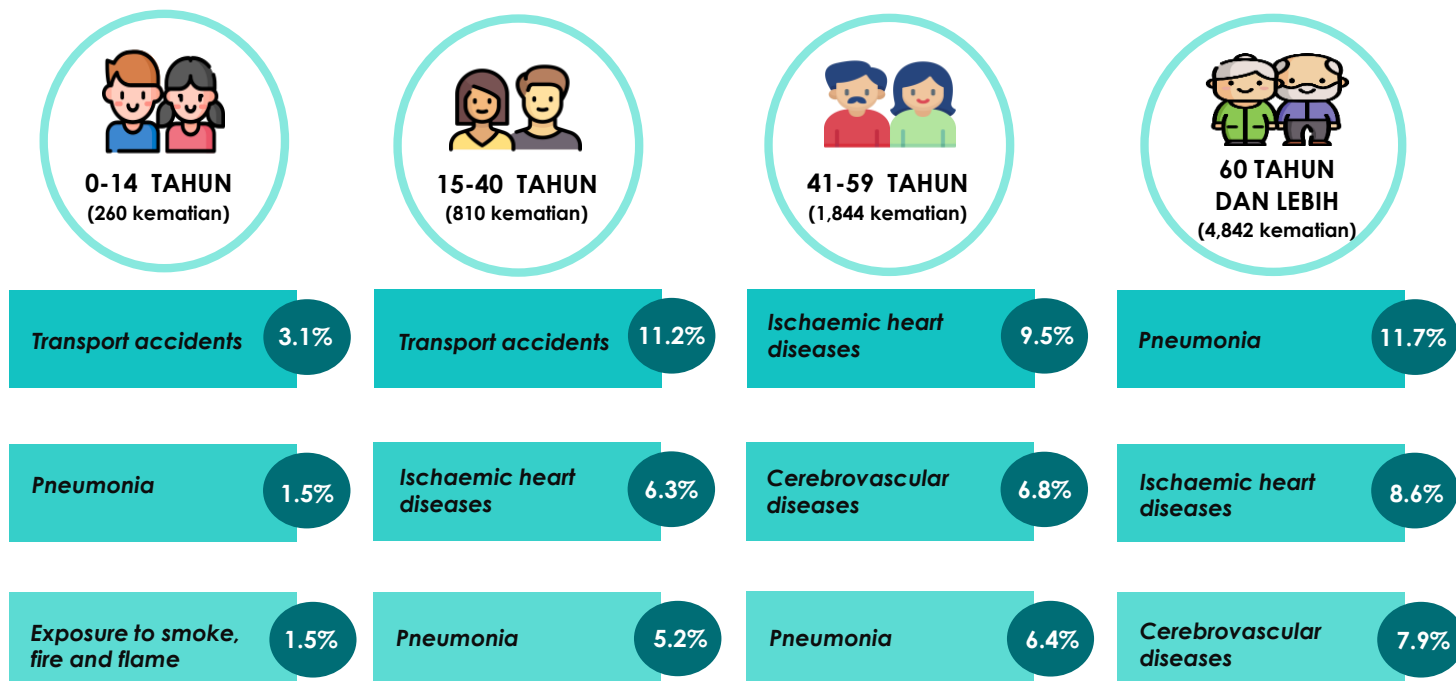
- 1 Malignant neoplasm of stomach **10.0%**
- 2 Pneumonia **10.0%**
- 3 Malignant neoplasm of liver and intrahepatic bile ducts **5.0%**
- 4 Malignant neoplasm of bladder **5.0%**
- 5 Hypertensive diseases **5.0%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, SARAWAK, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, SARAWAK, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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SELANGOR

BILANGAN KEMATIAN, SELANGOR, 2022

32,861
kematian



19,023 (57.9%)
kematian



13,838 (42.1%)
kematian

PURATA

4 kematian setiap jam

90 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Selangor tahun 2022

16.4%



**Ischaemic
heart diseases**

19.0%



Pneumonia

13.3%



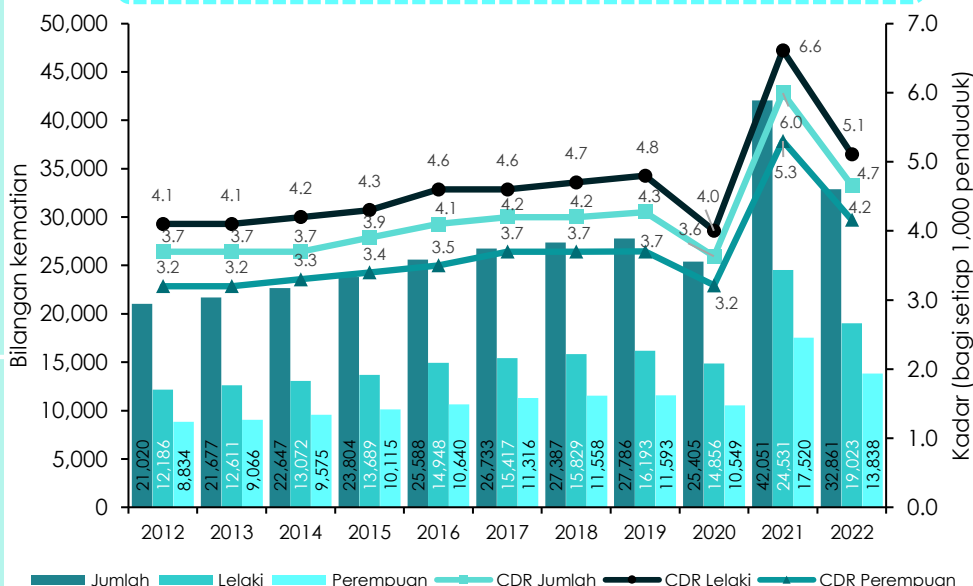
21.1%

**Ectopic
pregnancy**

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SELANGOR, 2012-2022

Kematian pada 2022 menurun **21.9 peratus** (9,190 kematian)
berbanding 2021 (42,051 kematian)

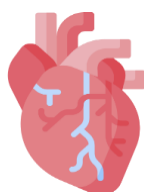


LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10, SELANGOR, 2022

1

**Diseases of
the
circulatory
system**

29.5%
20.7%



2

**Diseases of
the
respiratory
system**

16.5%
15.1%

3

Neoplasms

15.0%
9.5%



4

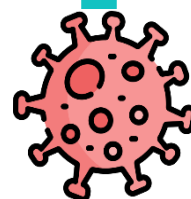
**Certain
infectious
and parasitic
diseases**

7.6%
5.1%

5

**Codes for
special
purposes**

4.3%
30.7%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, SELANGOR, 2022



Melayu

10,608 kematian

- 1 Ischaemic heart diseases **15.8%**
- 2 Pneumonia **11.8%**
- 3 Cerebrovascular diseases **7.0%**
- 4 COVID-19 infection (due to) **4.6%**
- 5 Transport accidents **3.9%**



Bumiputera Lain

246 kematian

- 1 Ischaemic heart diseases **13.4%**
- 2 Pneumonia **8.1%**
- 3 Cerebrovascular diseases **7.3%**
- 4 Transport accidents **6.5%**
- 5 COVID-19 infection (due to) **3.3%**

KUMPULAN ETNIK UTAMA



Cina

6,402 kematian

- 1 Ischaemic heart diseases **14.4%**
- 2 Pneumonia **13.8%**
- 3 Cerebrovascular diseases **7.1%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.1%**
- 5 COVID-19 infection (due to) **3.6%**



India

3,812 kematian

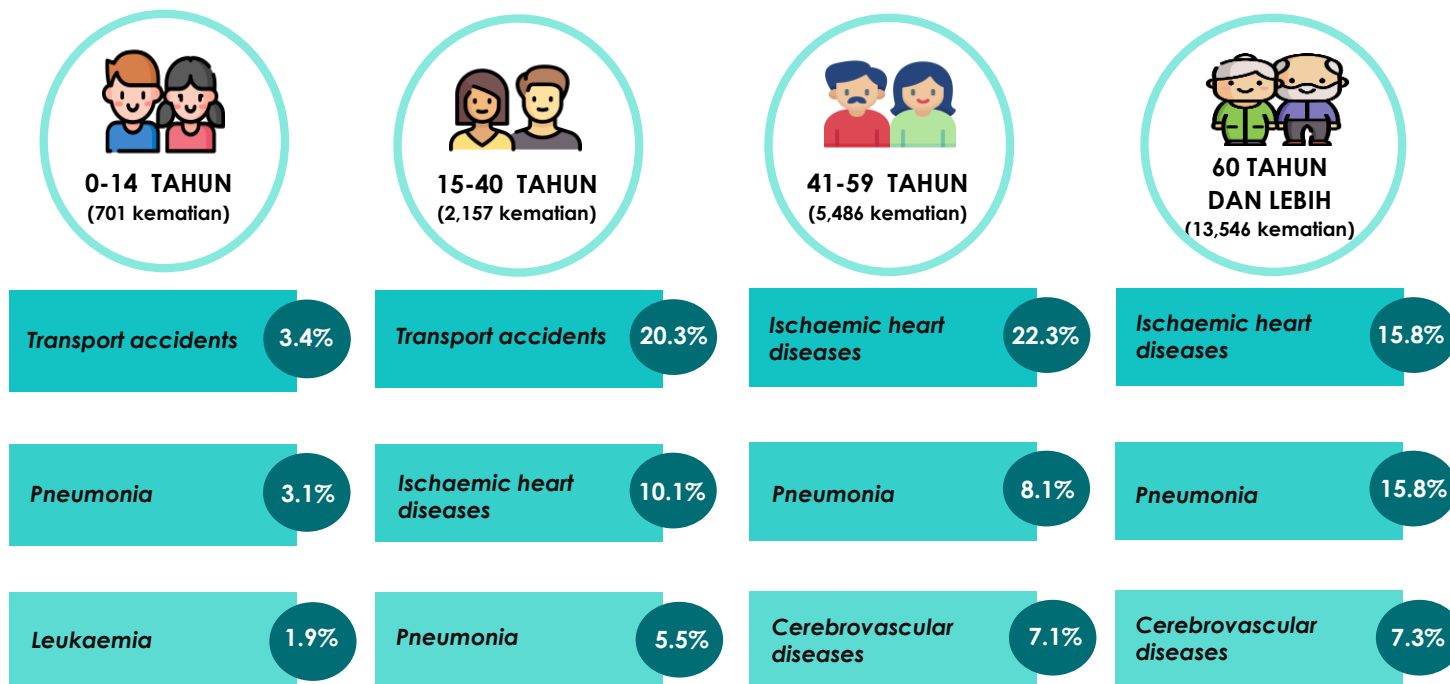
- 1 Ischaemic heart diseases **21.6%**
- 2 Pneumonia **12.2%**
- 3 Cerebrovascular diseases **5.2%**
- 4 Transport accidents **3.8%**
- 5 COVID-19 infection (due to) **3.4%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, SELANGOR, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, SELANGOR, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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TERENGGANU

BILANGAN KEMATIAN, TERENGGANU, 2022

8,686
kematian



4,762 (54.8%)
kematian



3,924 (45.2%)
kematian

PURATA

1 kematian setiap jam

24 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
Terengganu tahun 2022

15.6%



**Ischaemic
heart diseases**

19.0%



Pneumonia

15.8%

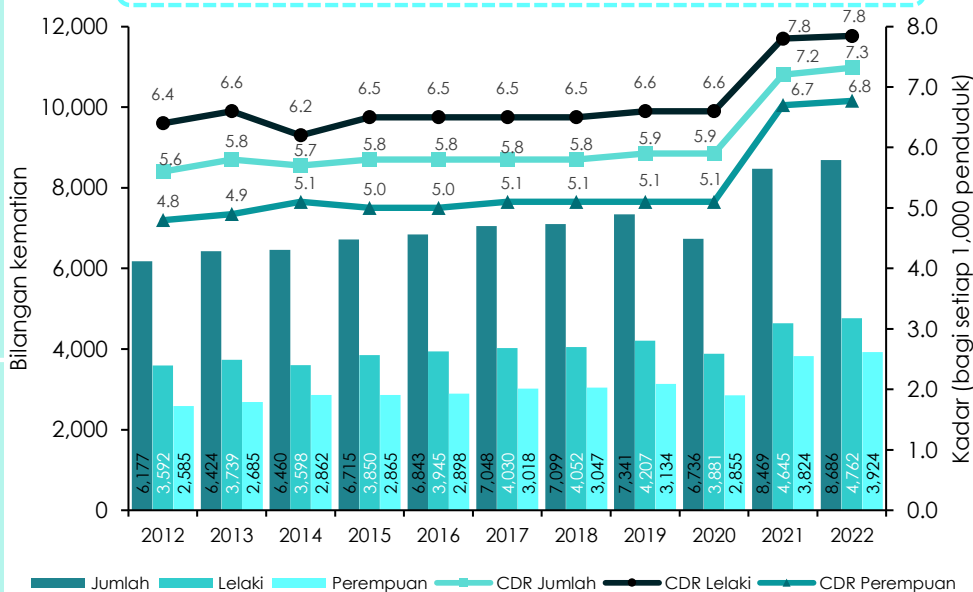


**Postpartum
haemorrhage**

30.0%
merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
TERENGGANU, 2012-2022

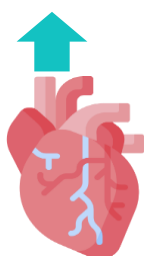
Kematian pada 2022 meningkat **2.6 peratus** (217 kematian)
berbanding 2021 (8,469 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
TERENGGANU, 2022

1

**Diseases of
the
circulatory
system**

33.3%
33.1%



2

**Diseases of
the
respiratory
system**

19.0%
14.7%

3

Neoplasms

9.8%
10.0%



4

**Certain
infectious
and parasitic
diseases**

6.4%
5.9%

5

**Endocrine,
nutritional and
metabolic
diseases**

5.7%
5.4%



Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, TERENGGANU, 2022



Melayu 6,044 kematian

- 1 Ischaemic heart diseases **15.7%**
- 2 Pneumonia **14.0%**
- 3 Cerebrovascular diseases **11.0%**
- 4 Diabetes mellitus **3.8%**
- 5 Transport accidents **3.0%**



Bumiputera Lain 10 kematian

- 1 Cerebrovascular diseases **20.0%**
- 2 Pneumonia **20.0%**
- 3 Diabetes mellitus **10.0%**

Nota: Tiada sebab kematian diklasifikasikan di kedudukan 4 hingga 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

KUMPULAN ETNIK UTAMA



Cina 162 kematian

- 1 Pneumonia **20.4%**
- 2 Ischaemic heart diseases **14.2%**
- 3 Cerebrovascular diseases **9.3%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.9%**
- 5 Diabetes mellitus **4.3%**



India 14 kematian

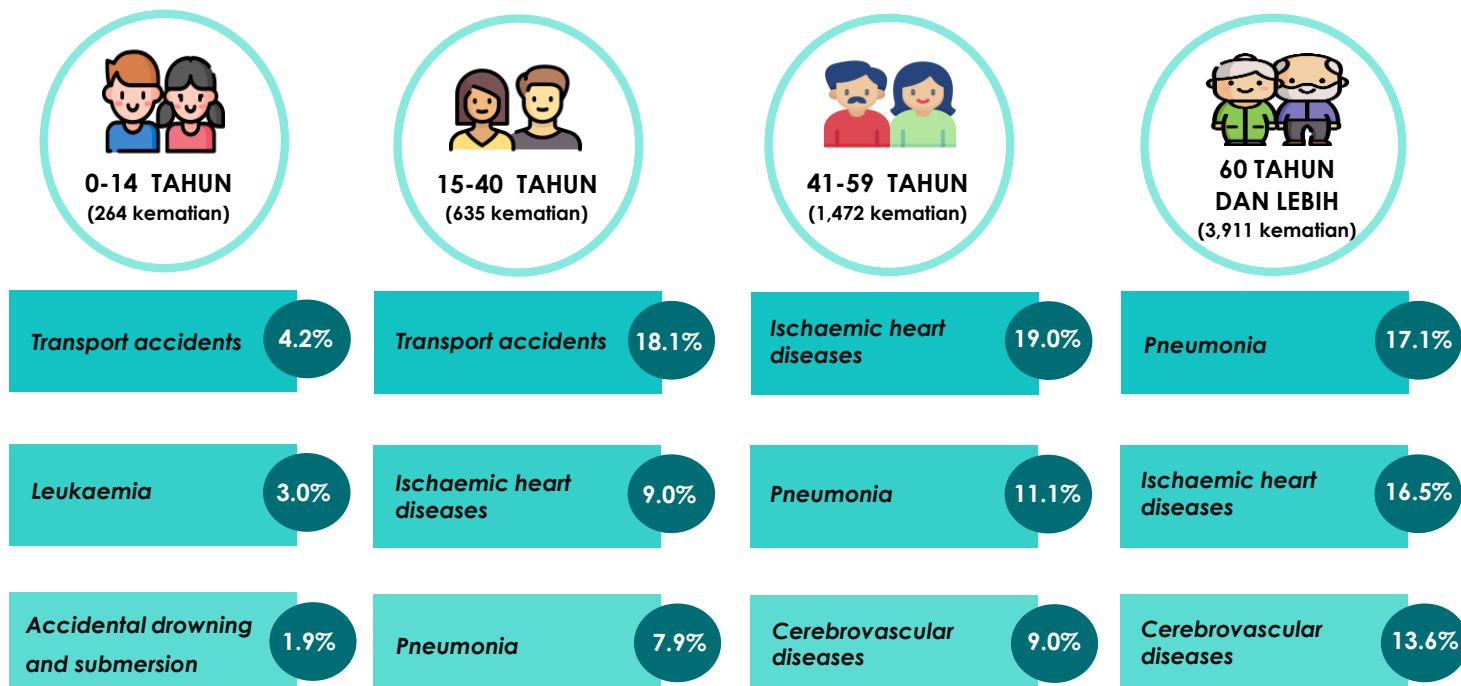
- 1 Ischaemic heart diseases **21.4%**
- 2 Cerebrovascular diseases **21.4%**
- 3 Diarrhoea and gastroenteritis of presumed infectious origin **7.1%**
- 4 Malignant neoplasm of colon, rectum and anus **7.1%**
- 5 Pneumonia **7.1%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, TERENGGANU, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, TERENGGANU, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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W.P. KUALA LUMPUR

BILANGAN KEMATIAN, W.P. KUALA LUMPUR, 2022

9,962
kematian



5,706 (57.3%)
kematian



4,256 (42.7%)
kematian

PURATA

1 kematian setiap jam

27 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
W.P. Kuala Lumpur tahun
2022

16.6%



Ischaemic
heart
diseases

19.2%



12.8%



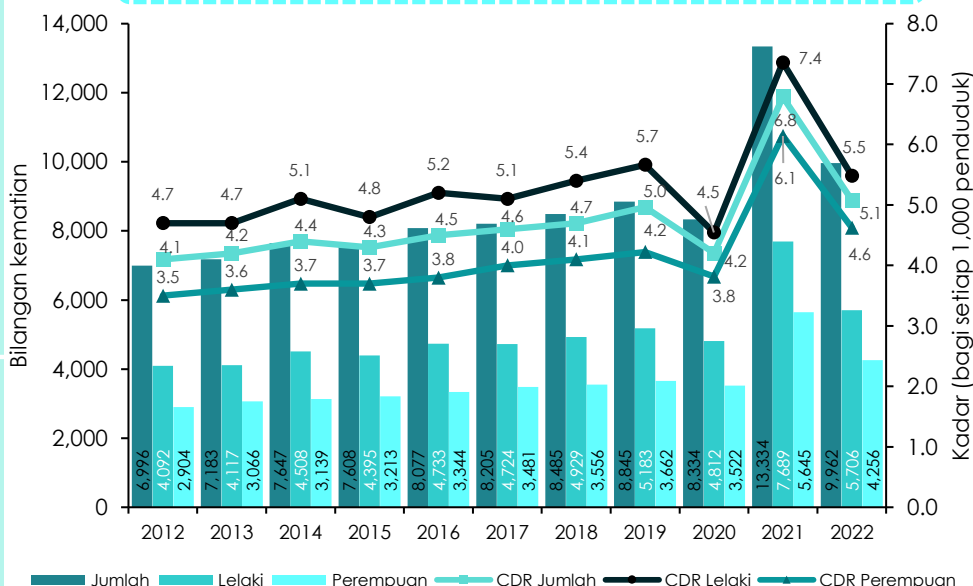
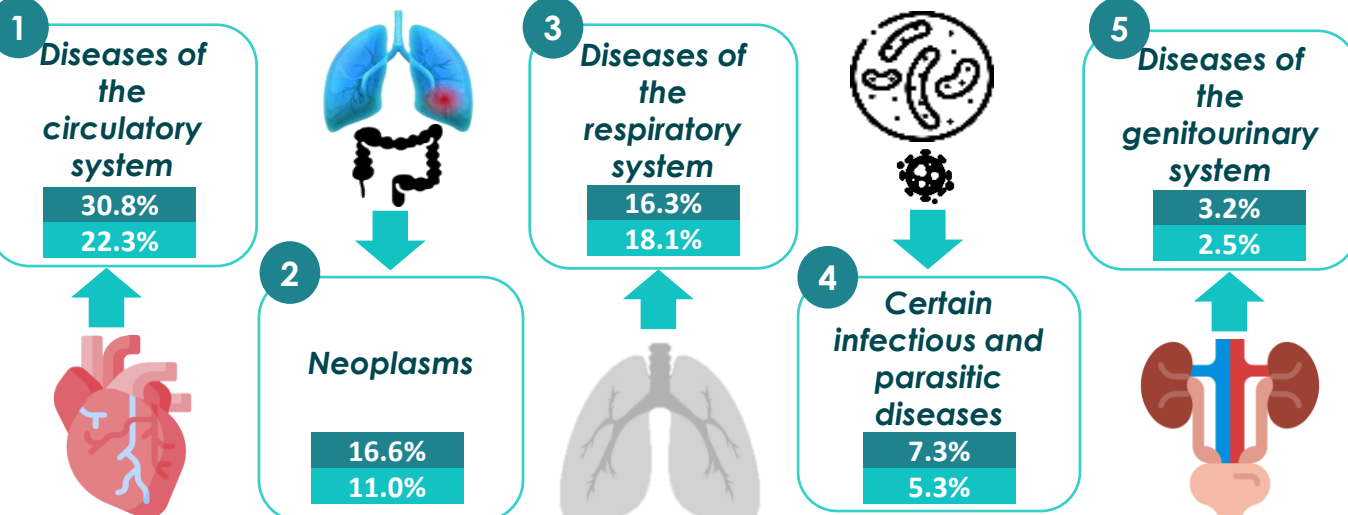
33.3%

Ectopic
pregnancy

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
W.P. KUALA LUMPUR, 2012-2022

Kematian pada 2022 menurun **25.3 peratus** (3,372 kematian)
berbanding 2021 (13,334 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
W.P. KUALA LUMPUR, 2022

Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, W.P. KUALA LUMPUR, 2022



Melayu 2,426 kematian

- 1 Ischaemic heart diseases **16.7%**
- 2 Pneumonia **12.1%**
- 3 Cerebrovascular diseases **7.0%**
- 4 Transport accidents **3.1%**
- 5 COVID-19 infection (due to) **2.7%**



Bumiputera Lain 38 kematian

- 1 Ischaemic heart diseases **15.8%**
- 2 Transport accidents **10.5%**
- 3 Cerebrovascular diseases **7.9%**
- 4 Respiratory tuberculosis **5.3%**
- 5 Malignant neoplasm of liver and intrahepatic bile ducts **5.3%**

KUMPULAN ETNIK UTAMA



Cina 3,077 kematian

- 1 Ischaemic heart diseases **15.2%**
- 2 Pneumonia **12.9%**
- 3 Cerebrovascular diseases **7.5%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.2%**
- 5 COVID-19 infection (due to) **2.8%**



India 976 kematian

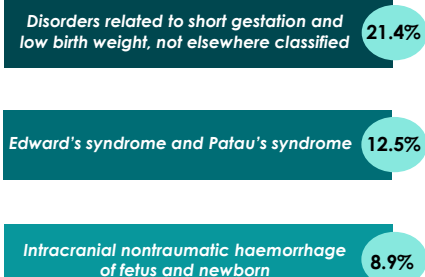
- 1 Ischaemic heart diseases **20.6%**
- 2 Pneumonia **11.1%**
- 3 Cerebrovascular diseases **6.4%**
- 4 Transport accidents **3.6%**
- 5 Diseases of the liver **2.4%**

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

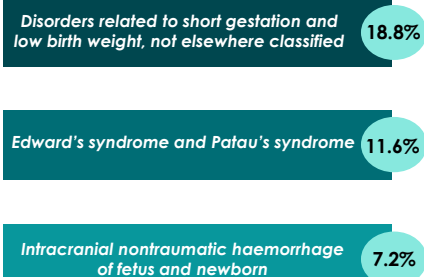
TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, W.P. KUALA LUMPUR, 2022



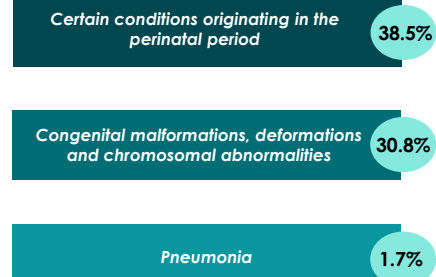
PERINATAL (<7 HARI)



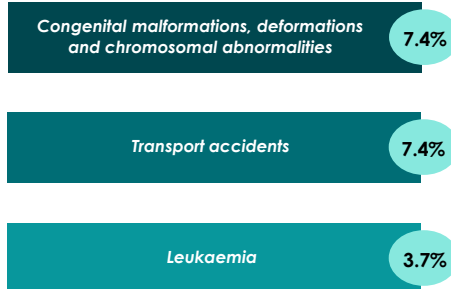
NEONATAL (<28 HARI)



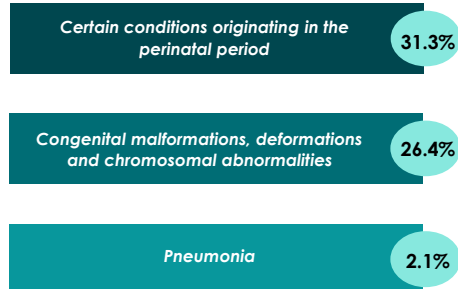
BAYI (<1 TAHUN)



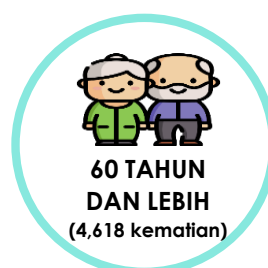
KANAK-KANAK 1-4 TAHUN



KURANG DARIPADA 5 TAHUN



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, W.P. KUALA LUMPUR, 2022



Pneumonia

2.8%

Transport accidents

15.7%

Ischaemic heart diseases

23.1%

Ischaemic heart diseases

15.9%

Leukaemia

1.7%

Ischaemic heart diseases

10.1%

Cerebrovascular diseases

8.2%

Pneumonia

15.9%

Transport accidents

1.7%

Cerebrovascular diseases

5.3%

Pneumonia

5.3%

Cerebrovascular diseases

7.2%

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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W.P. LABUAN

BILANGAN KEMATIAN, W.P. LABUAN, 2022



392
kematian



218 (55.6%)
kematian



174 (44.4%)
kematian

PURATA

1 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
W.P. Labuan tahun 2022

16.5%



**Ischaemic
heart diseases**

20.6%



Pneumonia

14.7%



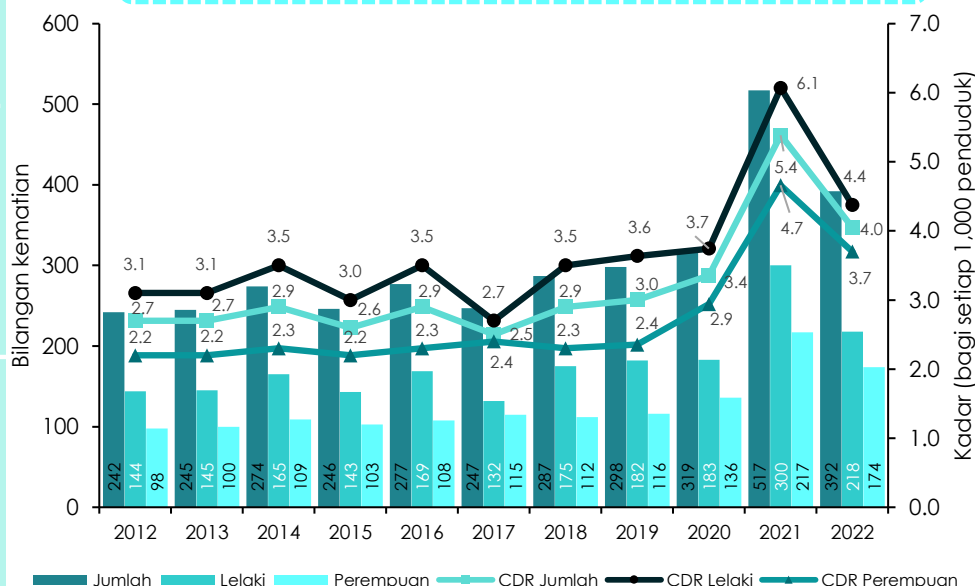
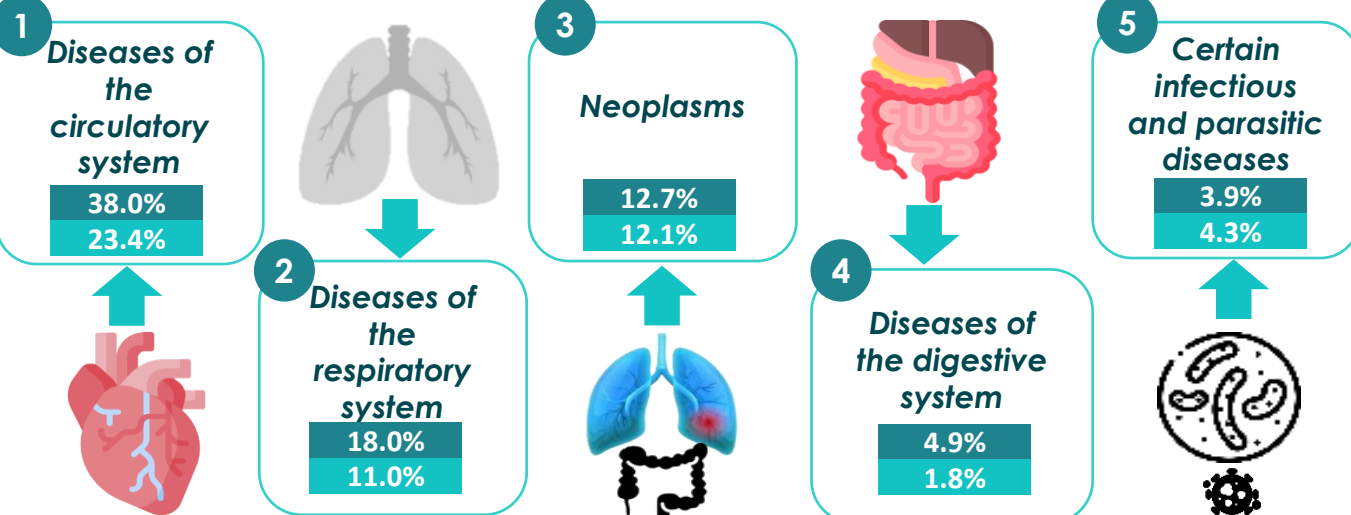
50.0%

**Ectopic
pregnancy**

merupakan
sebab kematian utama
bagi ibu bersalin

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
W.P. LABUAN, 2012-2022

Kematian pada 2022 menurun **24.2 peratus** (125 kematian)
berbanding 2021 (517 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
W.P. LABUAN, 2022

Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, W.P. LABUAN, 2022



Melayu 109 kematian

1	Ischaemic heart diseases	18.3%
2	Pneumonia	10.1%
3	Hypertensive diseases	5.5%
4	Cerebrovascular diseases	5.5%
5	Malignant neoplasm of trachea, bronchus and lung	2.8%



Bumiputera Lain 88 kematian

1	Ischaemic heart diseases	13.6%
2	Pneumonia	11.4%
3	Hypertensive diseases	9.1%
4	Diseases of the liver	5.7%
5	Cerebrovascular diseases	4.5%

KUMPULAN ETNIK UTAMA



Cina 59 kematian

1	Ischaemic heart diseases	16.9%
2	Pneumonia	16.9%
3	Cerebrovascular diseases	10.2%
4	Hypertensive diseases	8.5%
5	COVID-19 infection (due to)	5.1%



India 5 kematian

1	Ischaemic heart diseases	20.0%
2	Pneumonia	20.0%
3	Chronic lower respiratory diseases	20.0%

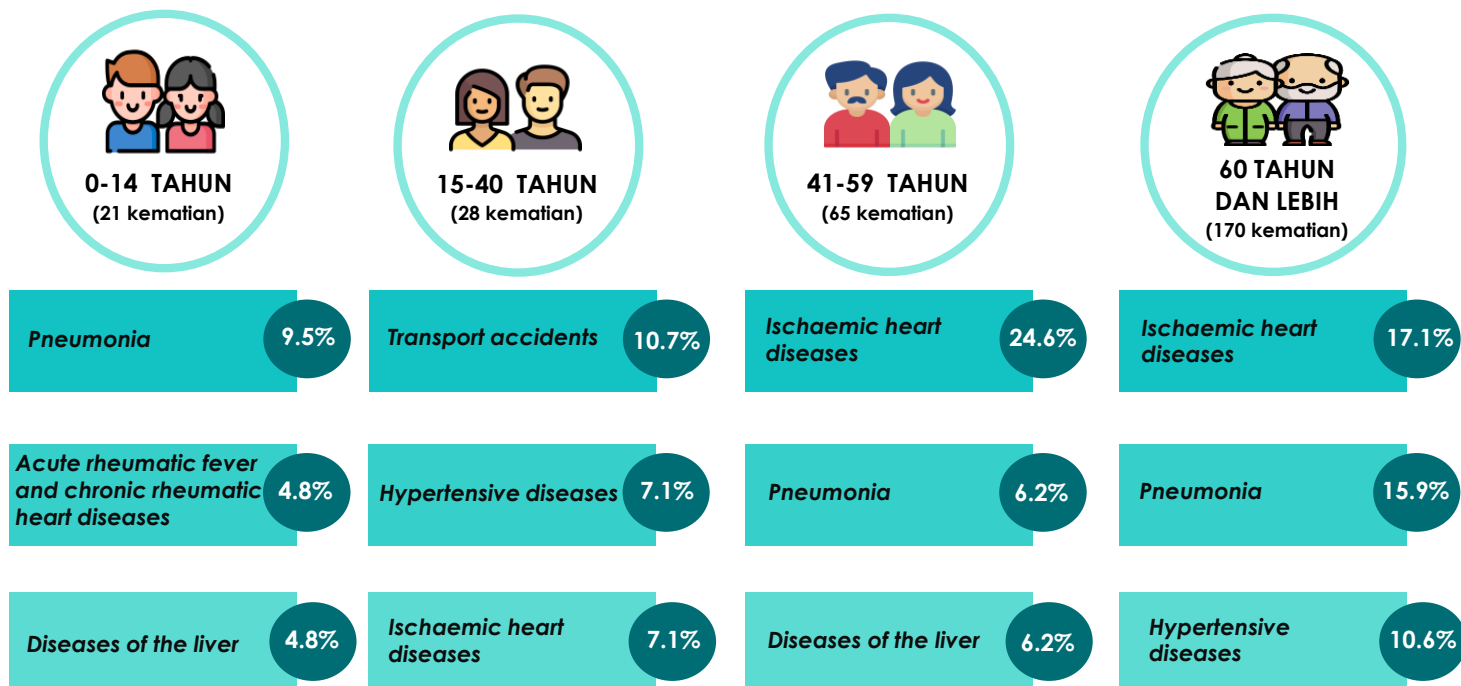
Nota: Tiada sebab kematian diklasifikasikan di kedudukan 4 dan 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, W.P. LABUAN, 2022



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, W.P. LABUAN, 2022



¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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W.P. PUTRAJAYA

BILANGAN KEMATIAN, W.P. PUTRAJAYA, 2022



253
kematian



139 (54.9%)
kematian



114 (45.1%)
kematian

PURATA

1 kematian setiap hari

SEBAB KEMATIAN UTAMA

Ischaemic heart diseases



merupakan
sebab kematian utama di
W.P. Putrajaya tahun 2022

16.1%



**Ischaemic
heart diseases**

21.4%

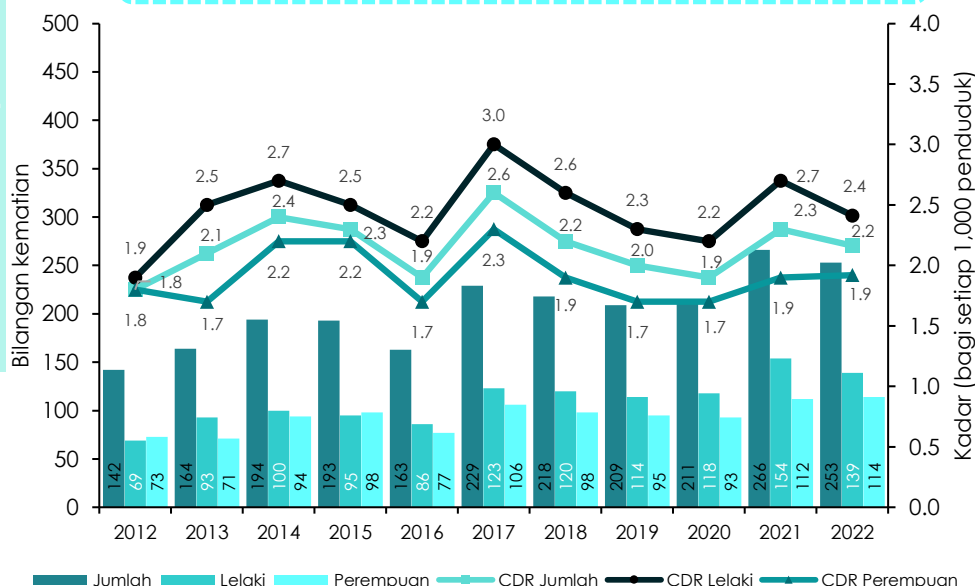
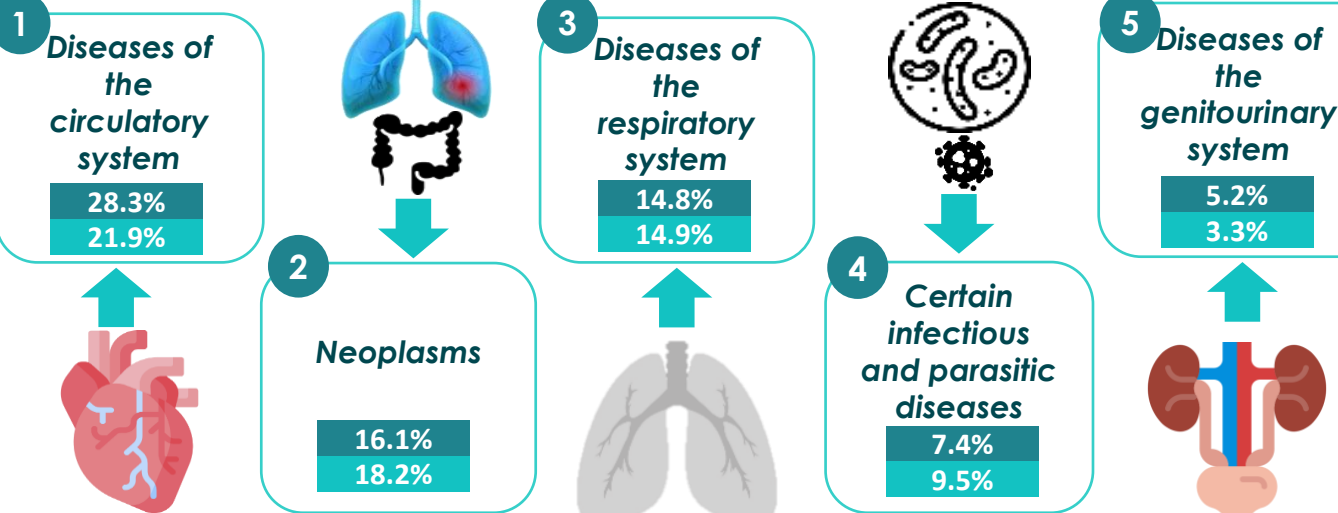


Pneumonia

12.5%

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
W.P. PUTRAJAYA, 2012-2022

Kematian pada 2022 menurun **4.9 peratus** (13 kematian)
berbanding 2021 (266 kematian)

LIMA SEBAB KEMATIAN UTAMA MENGIKUT BAB ICD-10,
W.P. PUTRAJAYA, 2022

Nota:
2022
2021

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK UTAMA, W.P. PUTRAJAYA, 2022



Melayu 211 kematian

- 1 Ischaemic heart diseases **16.1%**
- 2 Pneumonia **9.5%**
- 3 Cerebrovascular diseases **5.7%**
- 4 Transport accidents **3.3%**
- 5 Hypertensive diseases **2.8%**



Bumiputera Lain 3 kematian

- 1 Pneumonia **33.3%**

Nota: Tiada sebab kematian diklasifikasikan di kedudukan 2 hingga 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

KUMPULAN ETNIK UTAMA



Cina 4 kematian

- 1 Malignant neoplasm of ovary **25.0%**
- 2 Pneumonia **25.0%**

Nota: Tiada sebab kematian diklasifikasikan di kedudukan 3 hingga 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.



India 8 kematian

- 1 Diabetes mellitus **12.5%**
- 2 Ischaemic heart diseases **12.5%**
- 3 Pneumonia **12.5%**
- 4 Chronic lower respiratory diseases **12.5%**

Nota: Tiada sebab kematian diklasifikasikan di kedudukan 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, W.P. PUTRAJAYA, 2022



PERINATAL (<7 HARI)

Disorders related to short gestation and low birth weight, not elsewhere classified 40.0%

Intracranial nontraumatic haemorrhage of fetus and newborn 40.0%

Nota: Tiada sebab kematian diklasifikasikan untuk kedudukan 3 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.



NEONATAL (<28 HARI)

Bacterial sepsis of newborn 25.0%

Disorders related to short gestation and low birth weight, not elsewhere classified 25.0%

Intracranial nontraumatic haemorrhage of fetus and newborn 25.0%



BAYI (<1 TAHUN)

Certain conditions originating in the perinatal period 46.7%

Congenital malformations, deformations and chromosomal abnormalities 6.7%

Ischaemic heart diseases 6.7%



KANAK-KANAK 1-4 TAHUN

Nota: Tiada sebab kematian diklasifikasikan untuk kedudukan 1 hingga 3 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.



KURANG DARIPADA 5 TAHUN

Certain conditions originating in the perinatal period 41.2%

Ischaemic heart diseases 5.9%

Congenital malformations, deformations and chromosomal abnormalities 5.9%

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, W.P. PUTRAJAYA, 2022



0-14 TAHUN
(21 kematian)



15-40 TAHUN
(29 kematian)



41-59 TAHUN
(62 kematian)



60 TAHUN
DAN LEBIH
(118 kematian)

Leukaemia

4.8%

Ischaemic heart diseases

20.7%

Ischaemic heart diseases

21.0%

Pneumonia

16.1%

Ischaemic heart diseases

4.8%

Transport accidents

17.2%

Pneumonia

6.5%

Ischaemic heart diseases

14.4%

Nota: Tiada sebab kematian diklasifikasikan untuk kedudukan 3 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

Hypertensive diseases

6.9%

Malignant neoplasm of colon, rectum and anus

4.8%

Cerebrovascular diseases

7.6%

¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

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CAUSES OF DEATHS BY STATE AT A GLANCE



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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MALAYSIA

NUMBER OF DEATHS, MALAYSIA, 2022



206,525
deaths



117,790 (57.0%)
deaths



88,735 (43.0%)
deaths

AVERAGE

1 death per 4 minutes

24 deaths per hour

566 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Malaysia** in 2022

16.1%



Ischaemic heart diseases

18.2%



Pneumonia

14.3%



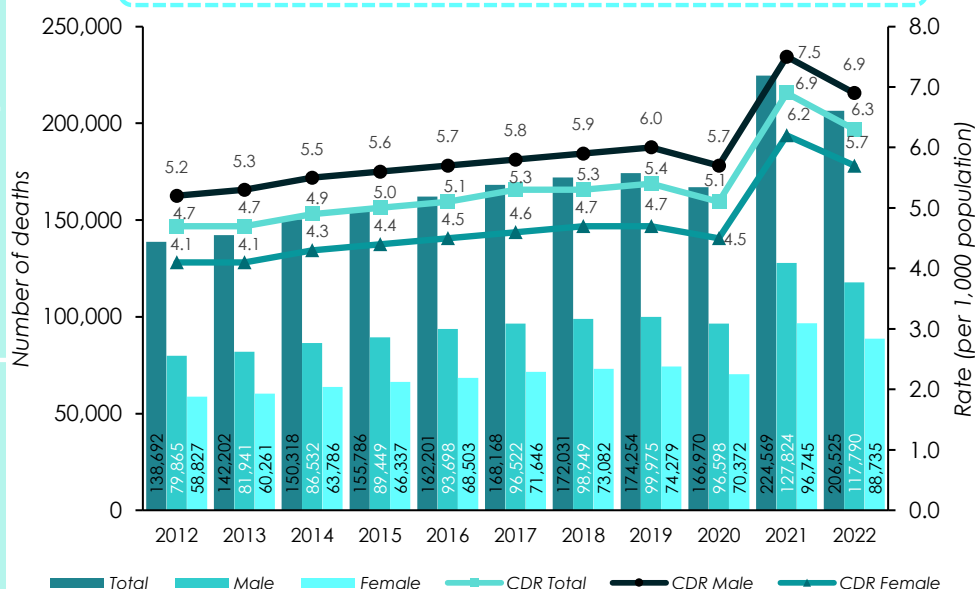
14.5%

Obstetric embolism

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), MALAYSIA, 2012-2022

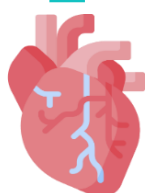
The number of deaths in 2022 decreased **8.0 per cent** (18,044 deaths) as compared to 2021 (224,569 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 MALAYSIA, 2022

1 Diseases of the circulatory system

30.4%
26.4%



2 Diseases of the respiratory system

18.4%
15.6%

3 Neoplasms

12.6%
10.5%

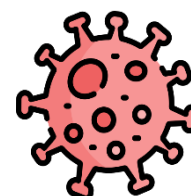


4 Certain infectious and parasitic diseases

7.5%
5.9%

5 Codes for special purposes

4.2%
19.8%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, MALAYSIA, 2022



Malay 70,028 deaths

- 1 Ischaemic heart diseases **17.3%**
- 2 Pneumonia **13.5%**
- 3 Cerebrovascular diseases **7.9%**
- 4 COVID-19 infection (due to) **4.1%**
- 5 Transport accidents **3.7%**



Other Bumiputera 10,455 deaths

- 1 Pneumonia **11.5%**
- 2 Ischaemic heart diseases **7.0%**
- 3 Cerebrovascular diseases **6.8%**
- 4 Hypertensive diseases **3.8%**
- 5 Chronic lower respiratory diseases **3.6%**

MAJOR ETHNIC GROUP



Chinese 30,778 deaths

- 1 Ischaemic heart diseases **14.7%**
- 2 Pneumonia **13.9%**
- 3 Cerebrovascular diseases **6.7%**
- 4 COVID-19 infection (due to) **4.7%**
- 5 Malignant neoplasm of trachea, bronchus and lung **3.5%**

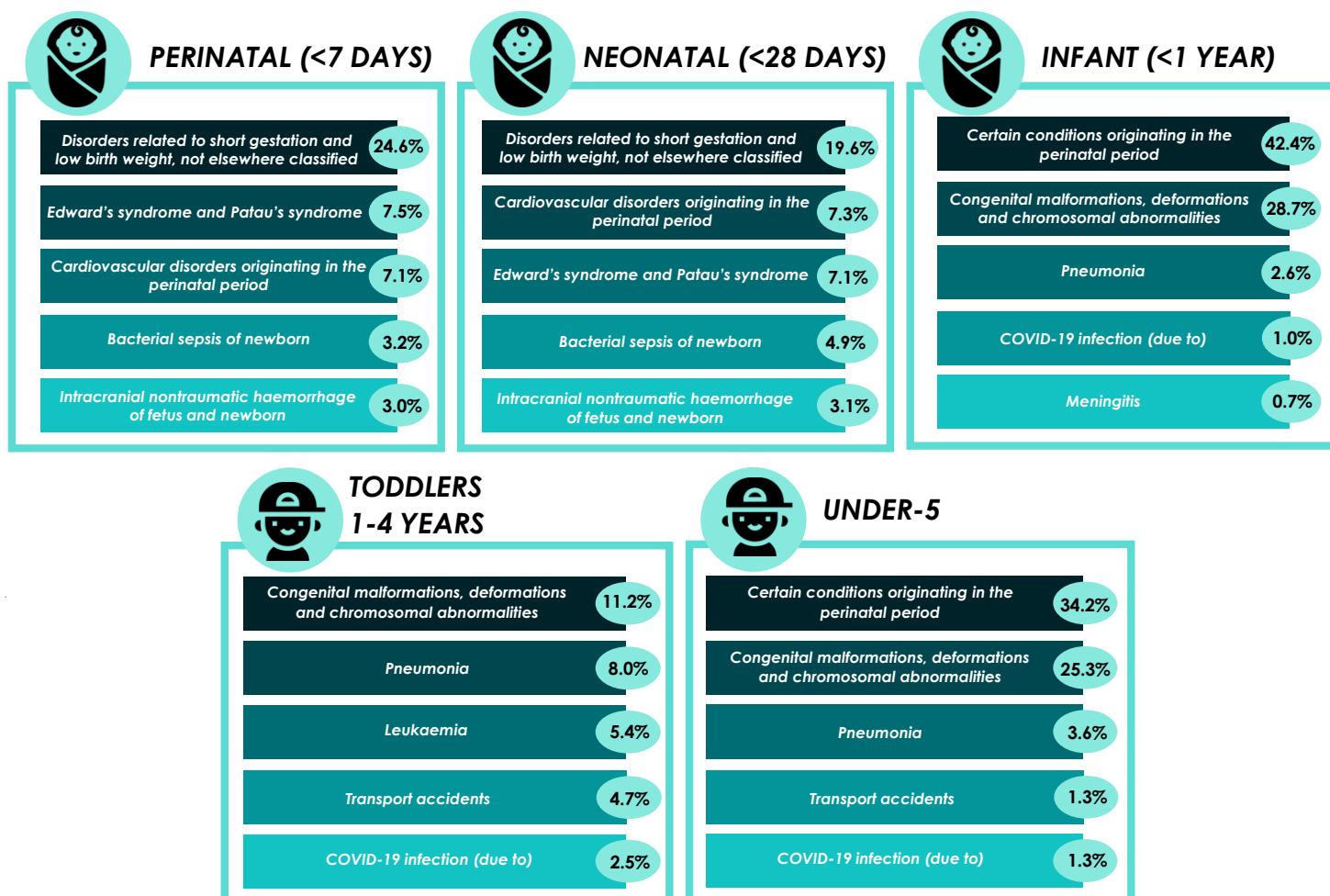


Indians 11,761 deaths

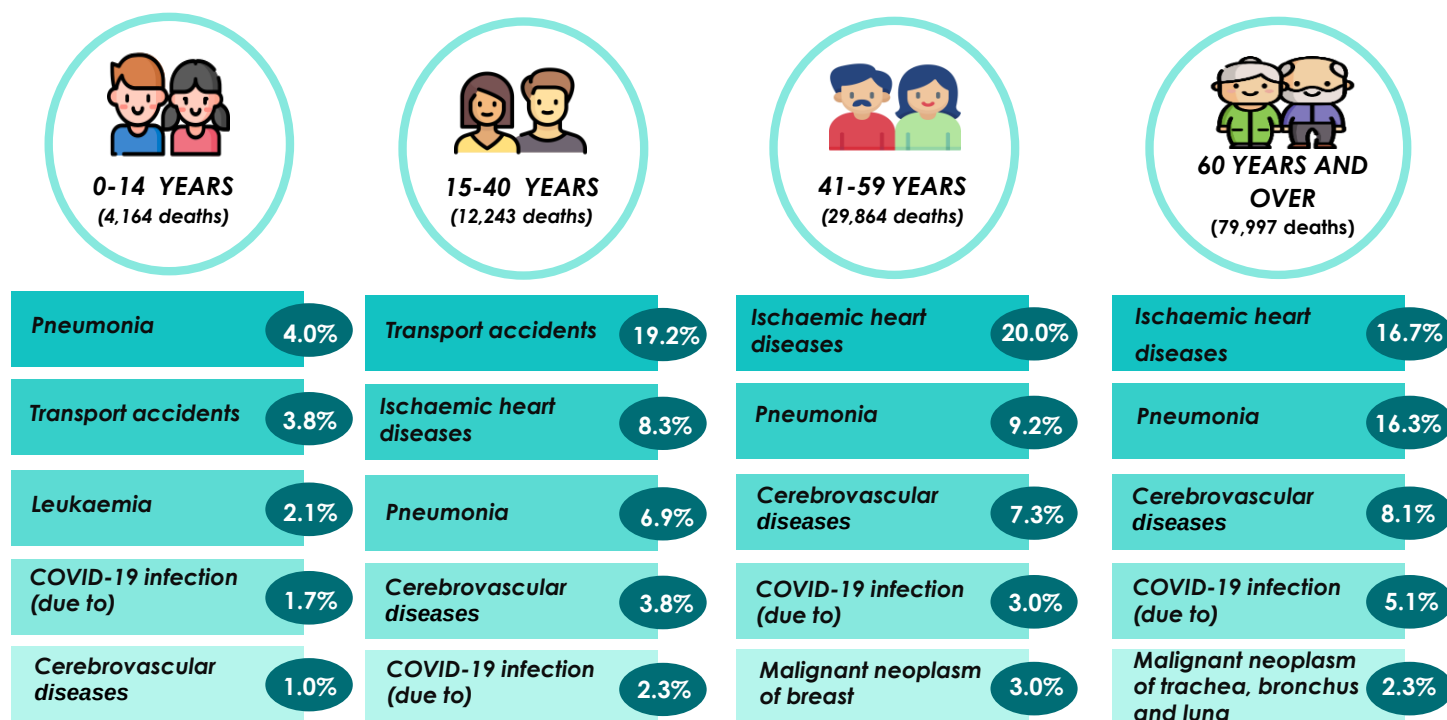
- 1 Ischaemic heart diseases **21.1%**
- 2 Pneumonia **12.3%**
- 3 Cerebrovascular diseases **5.7%**
- 4 Transport accidents **4.1%**
- 5 COVID-19 infection (due to) **3.1%**

¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, MALAYSIA, 2022



FIVE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, MALAYSIA, 2022



¹The analysis is based on medically certified deaths

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JOHOR

NUMBER OF DEATHS, JOHOR, 2022



25,305
deaths



14,618 (57.8%)
deaths



10,687 (42.2%)
deaths

AVERAGE

3 deaths per hour

69 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Johor** in 2022

17.9%



Ischaemic heart diseases

20.5%



Pneumonia

14.5%



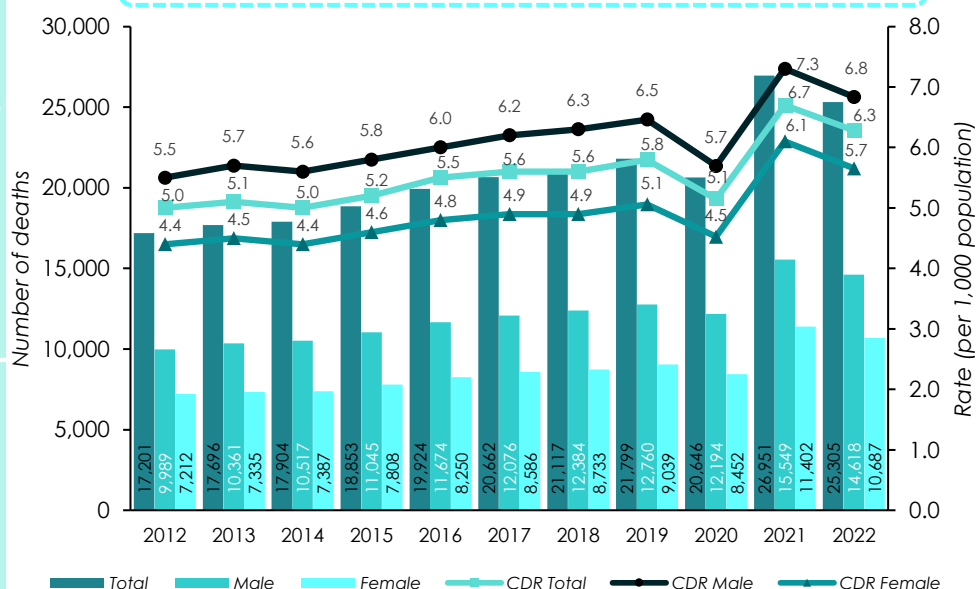
18.2%

Ectopic pregnancy

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), JOHOR, 2012-2022

The number of deaths in 2022 decreased **6.1 per cent** (1,646 deaths) as compared to 2021 (26,951 deaths)

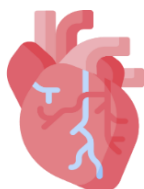


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 JOHOR, 2022

1

Diseases of the circulatory system

31.9%
23.0%



2

Diseases of the respiratory system

18.7%
16.2%

3

Neoplasms

12.3%
9.3%



4

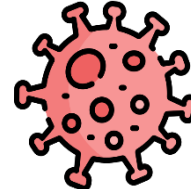
Certain infectious and parasitic diseases

7.7%
7.0%

5

Codes for special purposes

5.0%
22.7%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, JOHOR, 2022



Malay

9,761 deaths

- 1 Ischaemic heart diseases **17.5%**
- 2 Pneumonia **13.7%**
- 3 Cerebrovascular diseases **8.0%**
- 4 COVID-19 infection (due to) **4.9%**
- 5 Transport accidents **3.5%**



Other Bumiputera

189 deaths

- 1 Pneumonia **12.2%**
- 2 Ischaemic heart diseases **10.6%**
- 3 Cerebrovascular diseases **7.4%**
- 4 Transport accidents **6.9%**
- 5 COVID-19 infection (due to) **3.7%**

MAJOR ETHNIC GROUP



Chinese

4,882 deaths

- 1 Ischaemic heart diseases **18.0%**
- 2 Pneumonia **13.5%**
- 3 Cerebrovascular diseases **6.6%**
- 4 COVID-19 infection (due to) **5.4%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.9%**



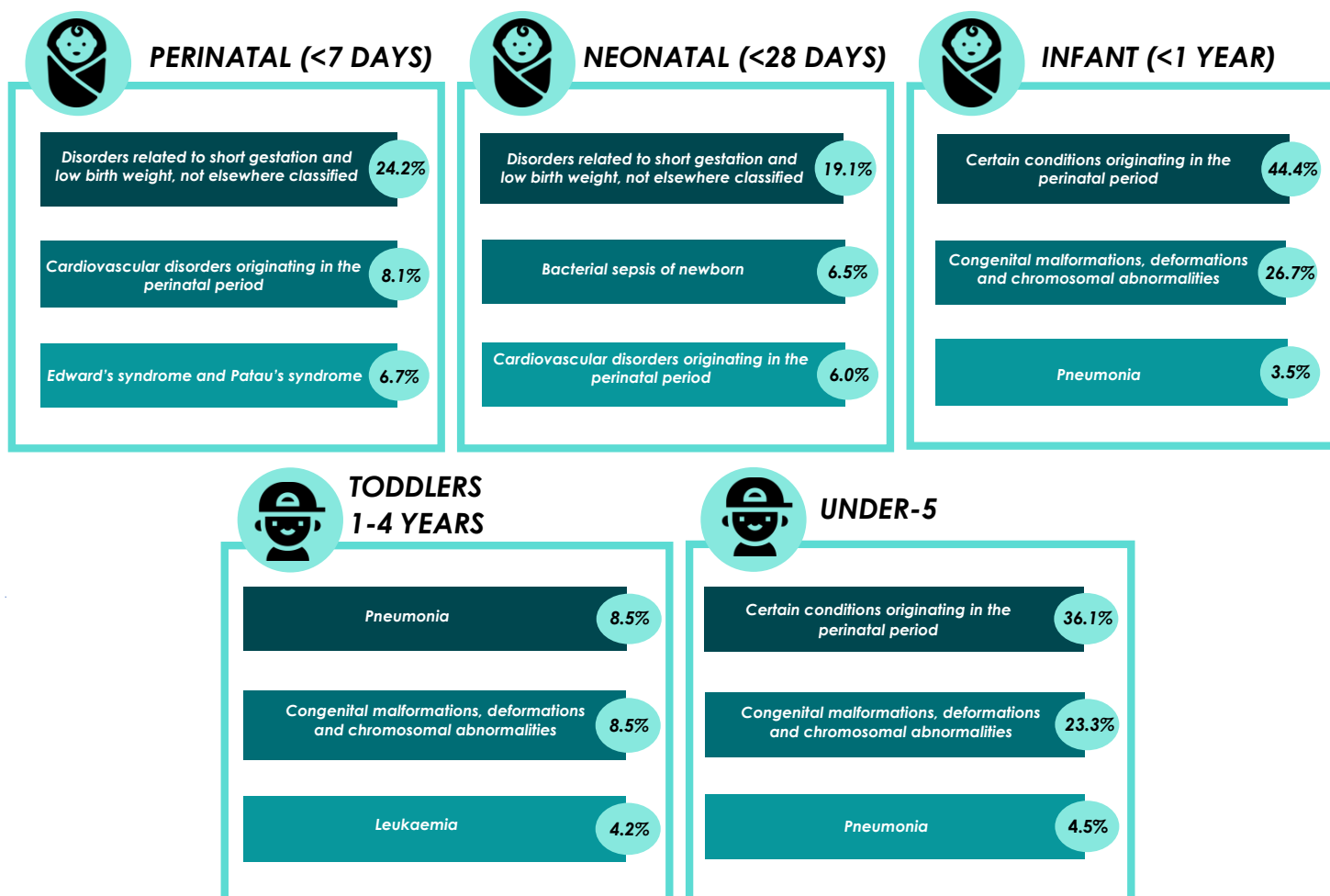
Indians

1,371 deaths

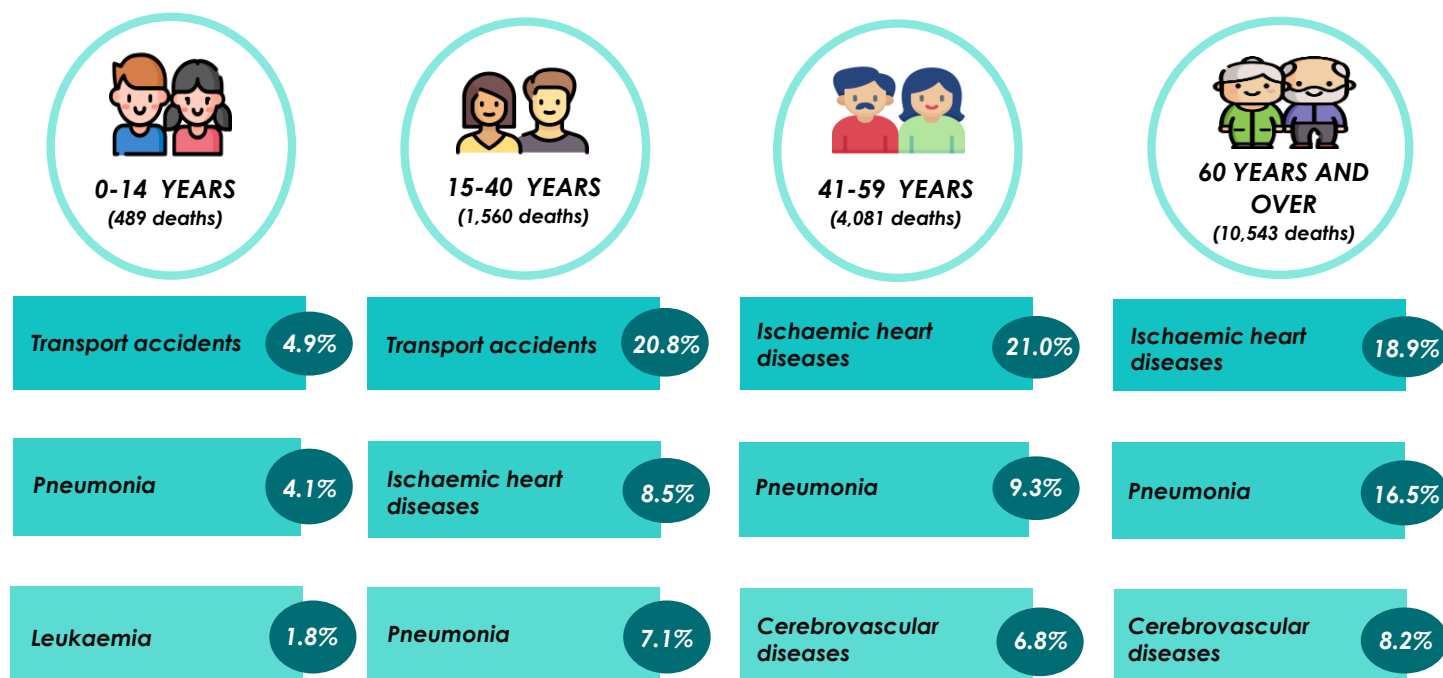
- 1 Ischaemic heart diseases **21.7%**
- 2 Pneumonia **13.1%**
- 3 Cerebrovascular diseases **4.6%**
- 4 Transport accidents **4.0%**
- 5 COVID-19 infection (due to) **3.1%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, JOHOR, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, JOHOR, 2022



¹The analysis is based on medically certified deaths

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KEDAH

NUMBER OF DEATHS, KEDAH, 2022



17,628
deaths



9,792 (55.5%)
deaths



7,836 (44.5%)
deaths

AVERAGE

2 deaths per hour

48 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in Kedah in 2022

17.6%



Ischaemic heart diseases

19.3%



Pneumonia

17.7%



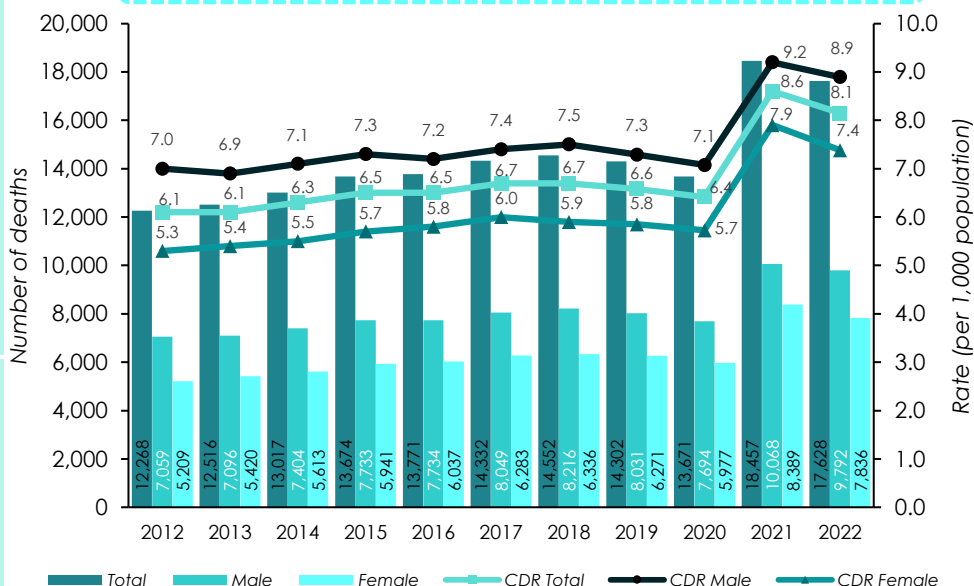
Ectopic pregnancy

9.1%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), KEDAH, 2012-2022

The number of deaths in 2022 decreased **4.5 per cent** (829 deaths) as compared to 2021 (18,457 deaths)

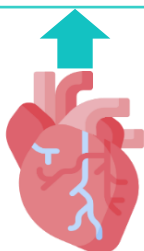


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 KEDAH, 2022

1

Diseases of the circulatory system

31.9%
30.8%



2

Diseases of the respiratory system

21.8%
20.3%



3

Neoplasms

8.7%
9.0%



4

Certain infectious and parasitic diseases

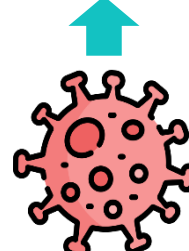
6.3%
5.1%



5

Codes for special purposes

5.3%
14.4%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, KEDAH, 2022



Malay 8,519 deaths

1	Ischaemic heart diseases	17.8%
2	Pneumonia	16.9%
3	Cerebrovascular diseases	8.7%
4	COVID-19 infection (due to)	5.3%
5	Transport accidents	5.0%



Other Bumiputera 14 deaths

1	Ischaemic heart diseases	28.6%
2	Pneumonia	28.6%
3	Cerebrovascular diseases	7.1%
4	Gastric and duodenal ulcer	7.1%

Note: No causes of death classified in ranking 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.

MAJOR ETHNIC GROUP



Chinese 1,387 deaths

1	Pneumonia	16.9%
2	Ischaemic heart diseases	15.9%
3	Cerebrovascular diseases	9.1%
4	COVID-19 infection (due to)	6.6%
5	Transport accidents	2.8%

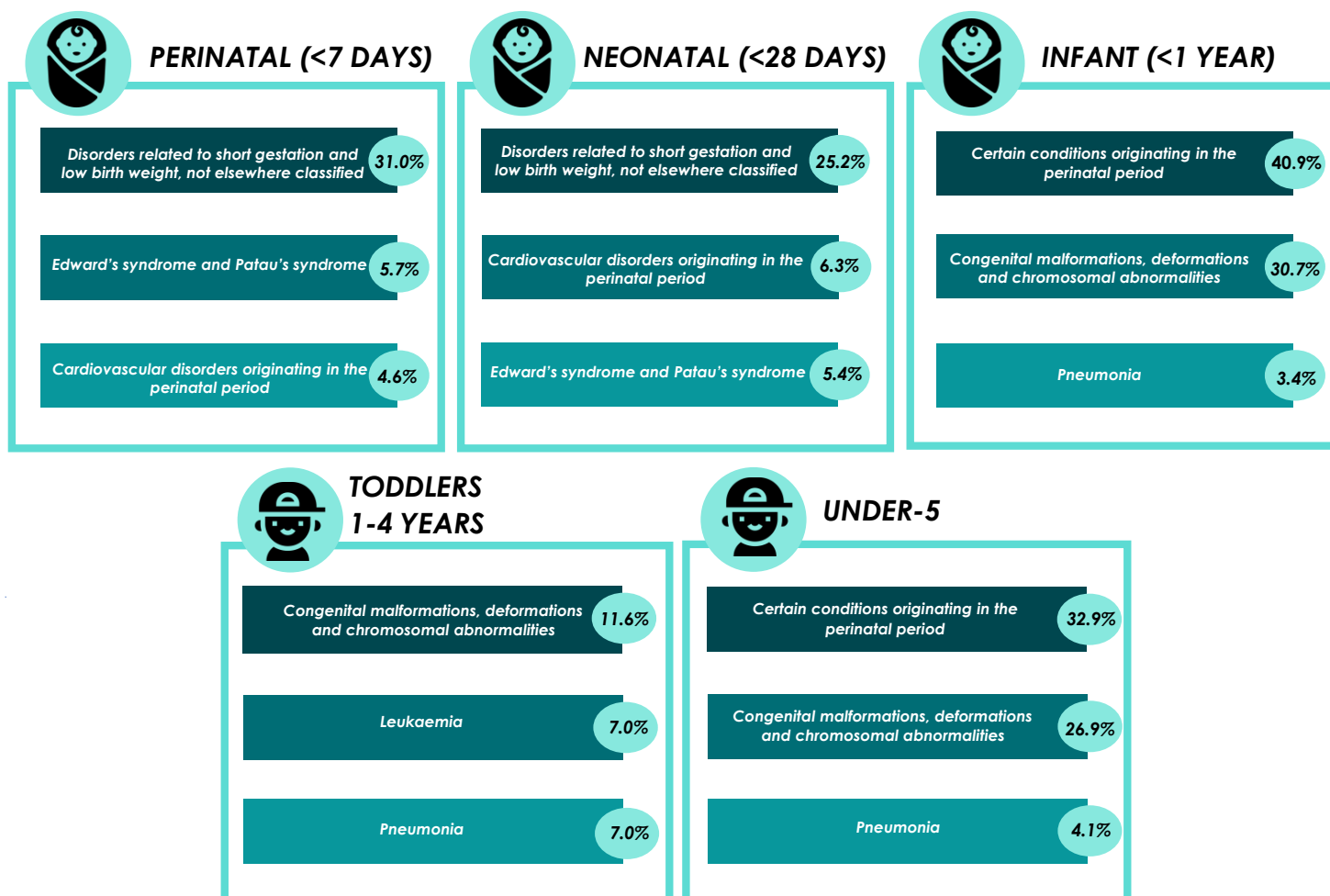


Indians 815 deaths

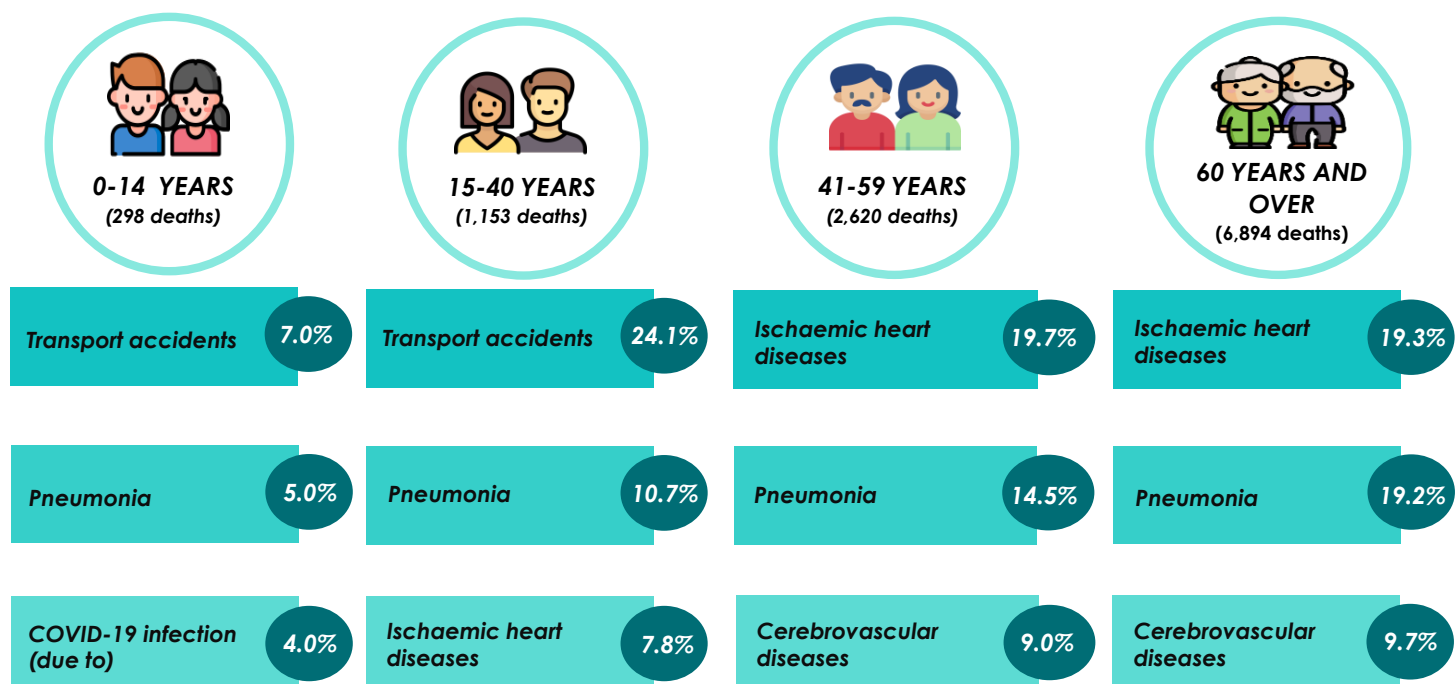
1	Ischaemic heart diseases	20.5%
2	Pneumonia	13.5%
3	Cerebrovascular diseases	8.3%
4	Transport accidents	4.5%
5	COVID-19 infection (due to)	3.2%

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, KEDAH, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, KEDAH, 2022



¹The analysis is based on medically certified deaths

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KELANTAN

NUMBER OF DEATHS, KELANTAN, 2022



13,445
deaths



7,411 (55.1%)
deaths



6,034 (44.9%)
deaths

AVERAGE

2 deaths per hour

37 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in Kelantan in 2022

23.3%



Ischaemic heart diseases



24.5%

21.6%



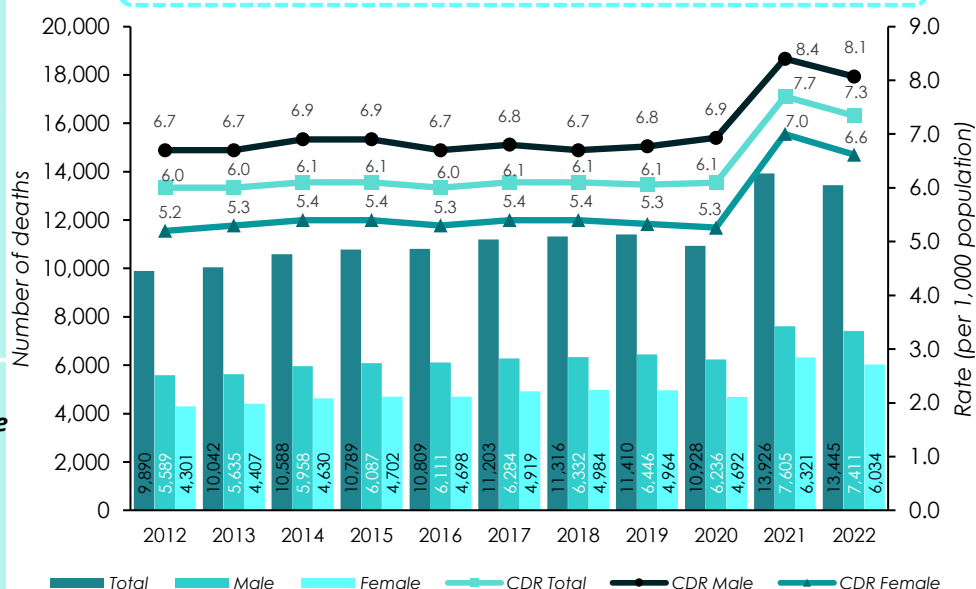
Postpartum haemorrhage

13.3%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), KELANTAN, 2012-2022

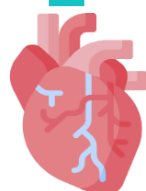
The number of deaths in 2022 decreased **3.5 per cent** (481 deaths) as compared to 2021 (13,926 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 KELANTAN, 2022

1 Diseases of the circulatory system

37.2%
34.0%



2 Diseases of the respiratory system

18.1%
12.7%

3 Certain infectious and parasitic diseases

9.4%
10.5%



4 Neoplasms

8.3%
8.0%

5 Endocrine, nutritional and metabolic diseases

3.8%
4.1%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, KELANTAN, 2022



Malay 7,972 deaths

- 1 Ischaemic heart diseases **23.5%**
- 2 Pneumonia **13.9%**
- 3 Cerebrovascular diseases **8.3%**
- 4 Diabetes mellitus **2.9%**
- 5 Transport accidents **2.6%**



Other Bumiputera 66 deaths

- 1 Pneumonia **19.7%**
- 2 Transport accidents **13.6%**
- 3 Ischaemic heart diseases **7.6%**
- 4 Respiratory tuberculosis **4.5%**
- 5 Cerebrovascular diseases **3.0%**

MAJOR ETHNIC GROUP



Chinese 299 deaths

- 1 Ischaemic heart diseases **22.7%**
- 2 Pneumonia **14.4%**
- 3 Cerebrovascular diseases **7.7%**
- 4 COVID-19 infection (due to) **2.7%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.3%**

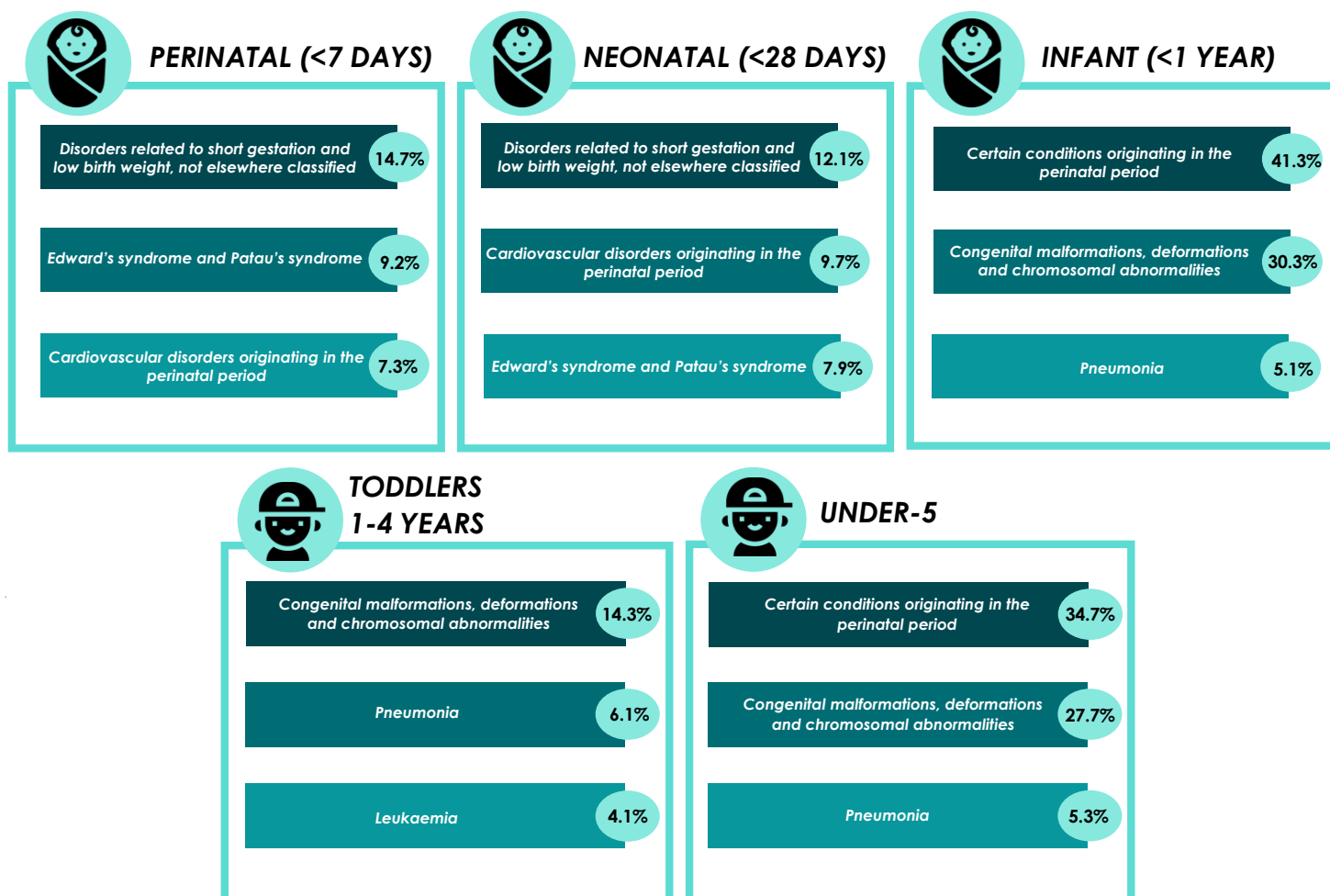


Indians 24 deaths

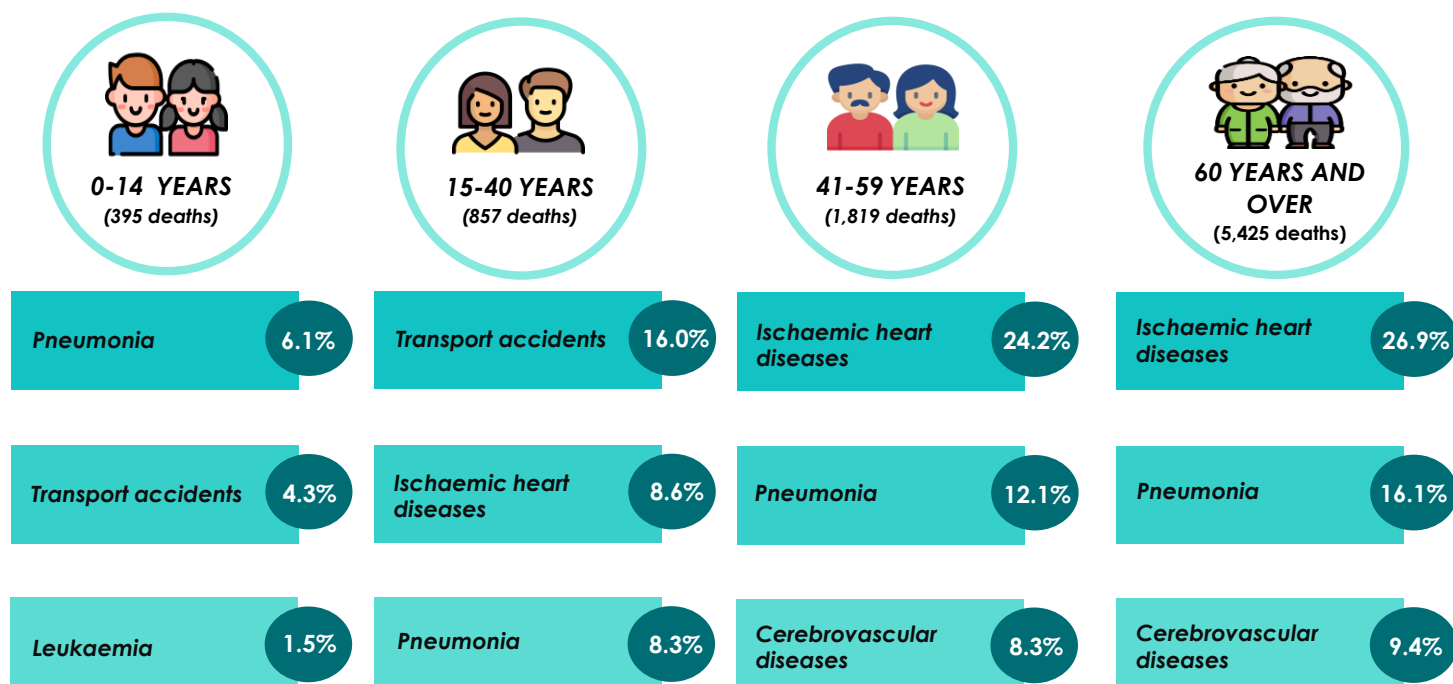
- 1 Pneumonia **37.5%**
- 2 Ischaemic heart diseases **16.7%**
- 3 Chronic lower respiratory diseases **8.3%**
- 4 COVID-19 infection (due to) **8.3%**
- 5 Cerebrovascular diseases **4.2%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, KELANTAN, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, KELANTAN, 2022



¹The analysis is based on medically certified deaths

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MELAKA

NUMBER OF DEATHS, MELAKA, 2022



6,630
deaths



3,669 (55.3%)
deaths



2,961 (44.7%)
deaths

AVERAGE

1 deaths per hour

18 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in Melaka in 2022

20.0%



Ischaemic heart diseases



22.6%

16.4%



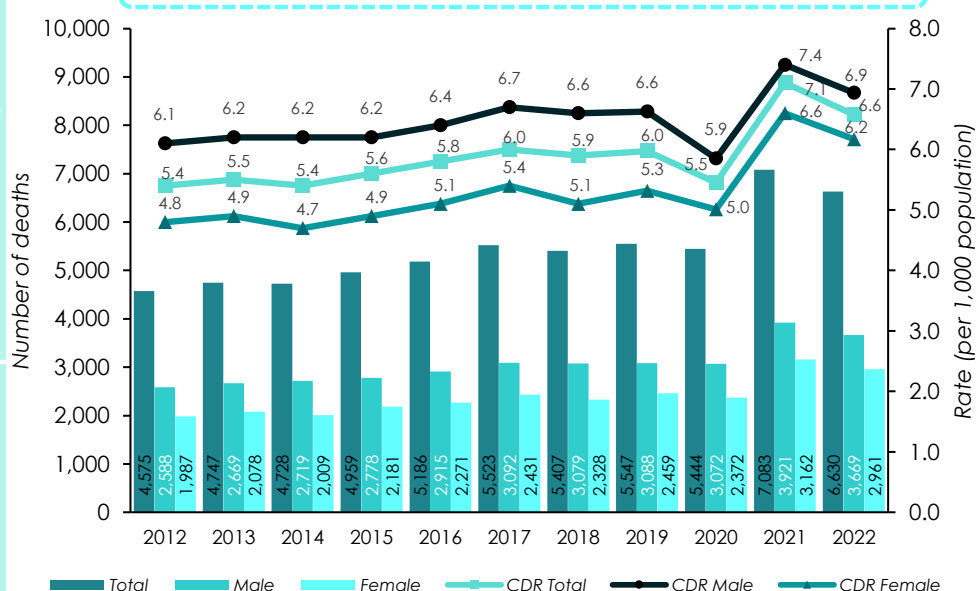
Ectopic pregnancy

50.0%

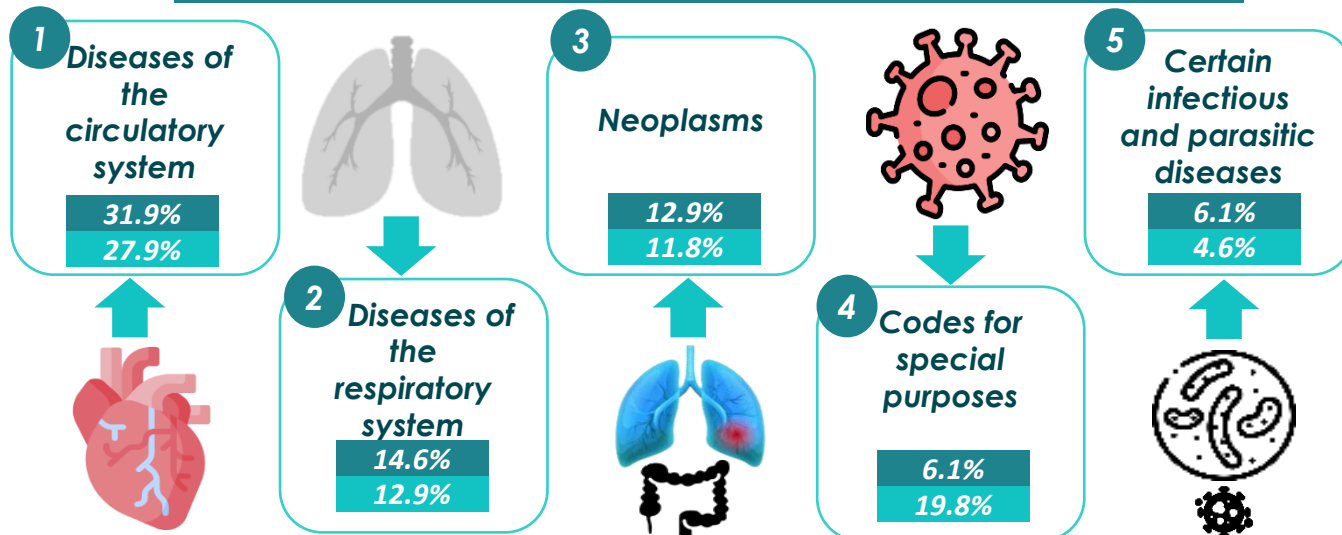
was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), MELAKA, 2012-2022

The number of deaths in 2022 decreased **6.4 per cent** (453 deaths) as compared to 2021 (7,083 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 MELAKA, 2022



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, MELAKA, 2022



Malay

2,482 deaths

- 1 Ischaemic heart diseases **20.0%**
- 2 Pneumonia **9.0%**
- 3 Cerebrovascular diseases **6.7%**
- 4 COVID-19 infection (due to) **5.2%**
- 5 Transport accidents **3.6%**



Other Bumiputera

17 deaths

- 1 COVID-19 infection (due to) **17.6%**
- 2 Ischaemic heart diseases **11.8%**
- 3 Cerebrovascular diseases **11.8%**
- 4 Hypertensive diseases **5.9%**
- 5 Influenza **5.9%**

MAJOR ETHNIC GROUP



Chinese

940 deaths

- 1 Ischaemic heart diseases **18.6%**
- 2 Pneumonia **12.0%**
- 3 COVID-19 infection (due to) **8.2%**
- 4 Cerebrovascular diseases **5.6%**
- 5 Malignant neoplasm of colon, rectum and anus **2.7%**



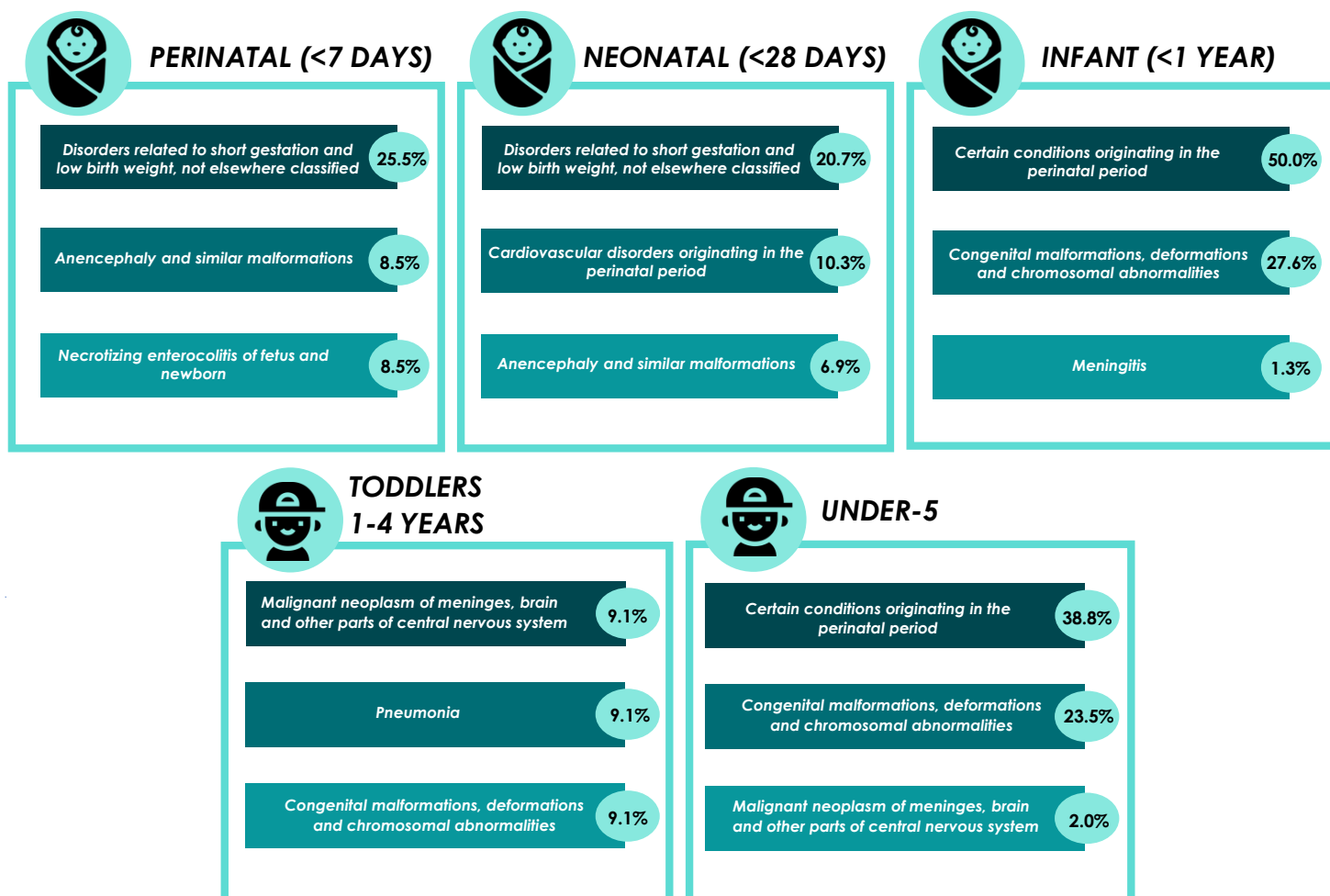
Indians

326 deaths

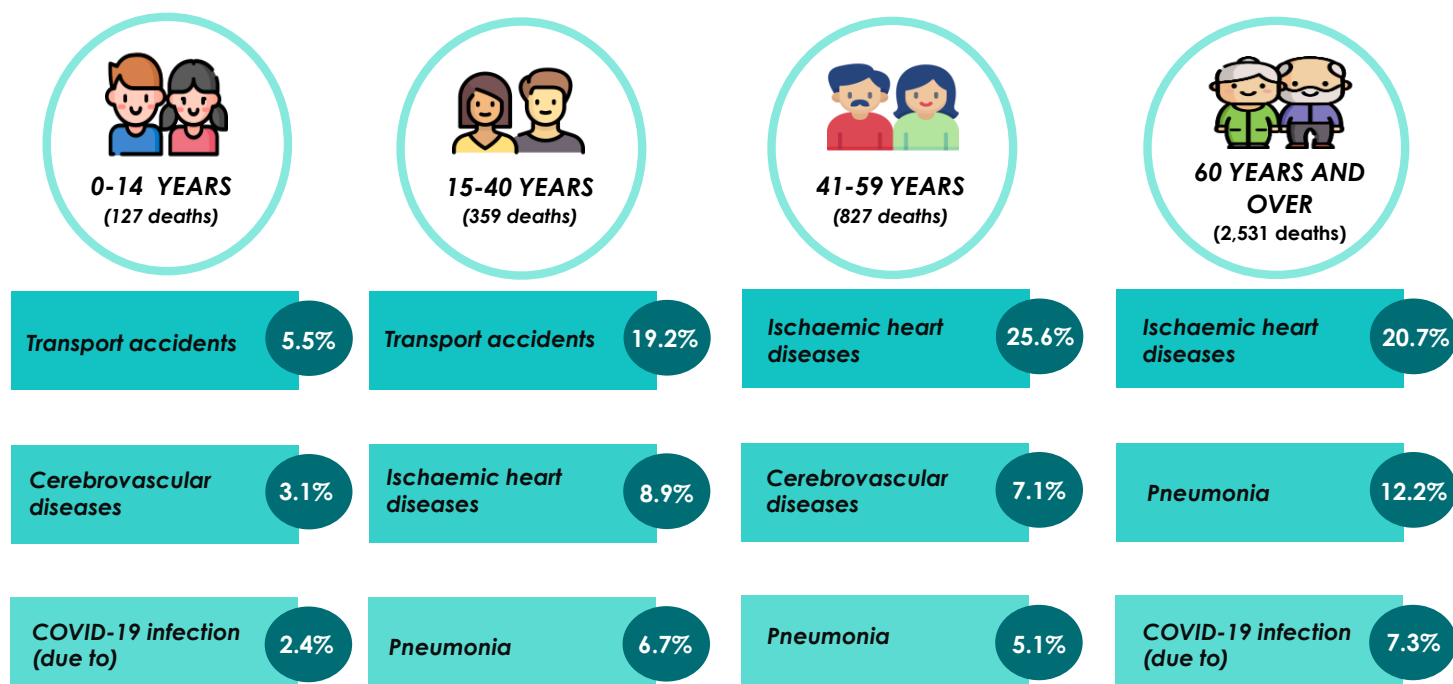
- 1 Ischaemic heart diseases **24.5%**
- 2 Pneumonia **9.5%**
- 3 Cerebrovascular diseases **7.4%**
- 4 COVID-19 infection (due to) **4.6%**
- 5 Transport accidents **4.0%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, MELAKA, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, MELAKA, 2022



¹The analysis is based on medically certified deaths

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NEGERI SEMBILAN

NUMBER OF DEATHS, NEGERI SEMBILAN, 2022



8,636
deaths



4,959 (57.4%)
deaths



3,677 (42.6%)
deaths

AVERAGE

1 deaths per hour

24 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Negeri Sembilan** in 2022

16.7%



Ischaemic heart diseases

18.9%



13.3%



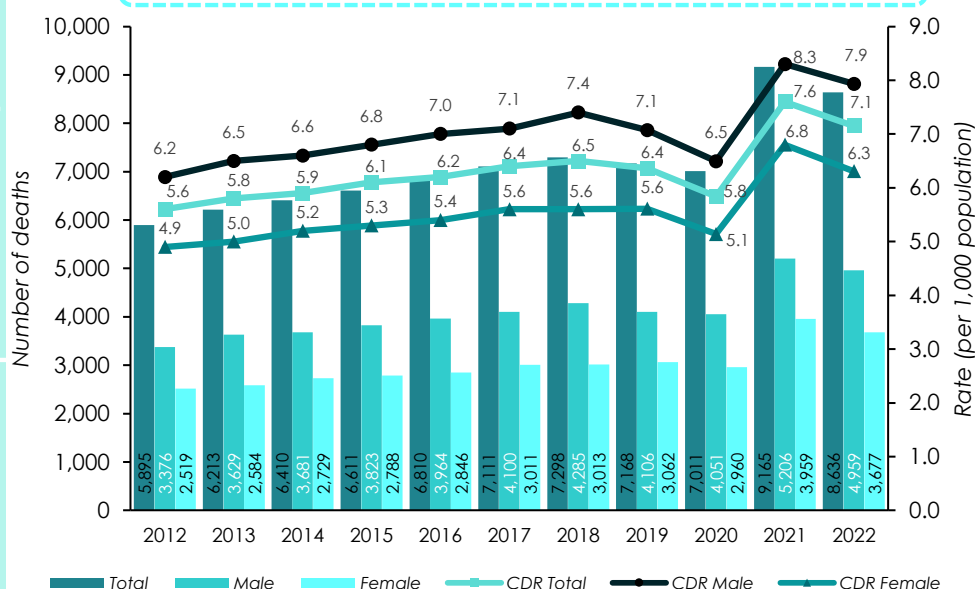
100.0%

Obstetric embolism

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), NEGERI SEMBILAN, 2012-2022

The number of deaths in 2022 decreased **5.8 per cent** (529 deaths) as compared to 2021 (9,165 deaths)

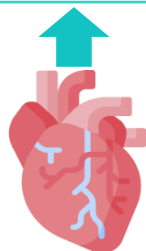


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 NEGERI SEMBILAN, 2022

1

Diseases of the circulatory system

32.6%
27.1%



3

Neoplasms

13.5%
11.2%



2

Diseases of the respiratory system

16.8%
13.8%



4

Certain infectious and parasitic diseases

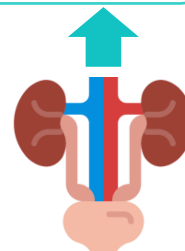
5.9%
5.7%



5

Diseases of the genitourinary system

4.3%
3.3%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, NEGERI SEMBILAN, 2022



Malay

3,408 deaths

- 1 Ischaemic heart diseases **15.9%**
- 2 Pneumonia **11.2%**
- 3 Cerebrovascular diseases **7.6%**
- 4 Transport accidents **4.4%**
- 5 COVID-19 infection (due to) **3.8%**



Other Bumiputera

90 deaths

- 1 Ischaemic heart diseases **15.6%**
- 2 Pneumonia **10.0%**
- 3 Cerebrovascular diseases **7.8%**
- 4 Malignant neoplasm of breast **4.4%**
- 5 Diabetes mellitus **4.4%**

MAJOR ETHNIC GROUP



Chinese

1,395 deaths

- 1 Ischaemic heart diseases **15.7%**
- 2 Pneumonia **11.5%**
- 3 Cerebrovascular diseases **8.2%**
- 4 Malignant neoplasm of trachea, bronchus and lung **5.4%**
- 5 COVID-19 infection (due to) **3.4%**



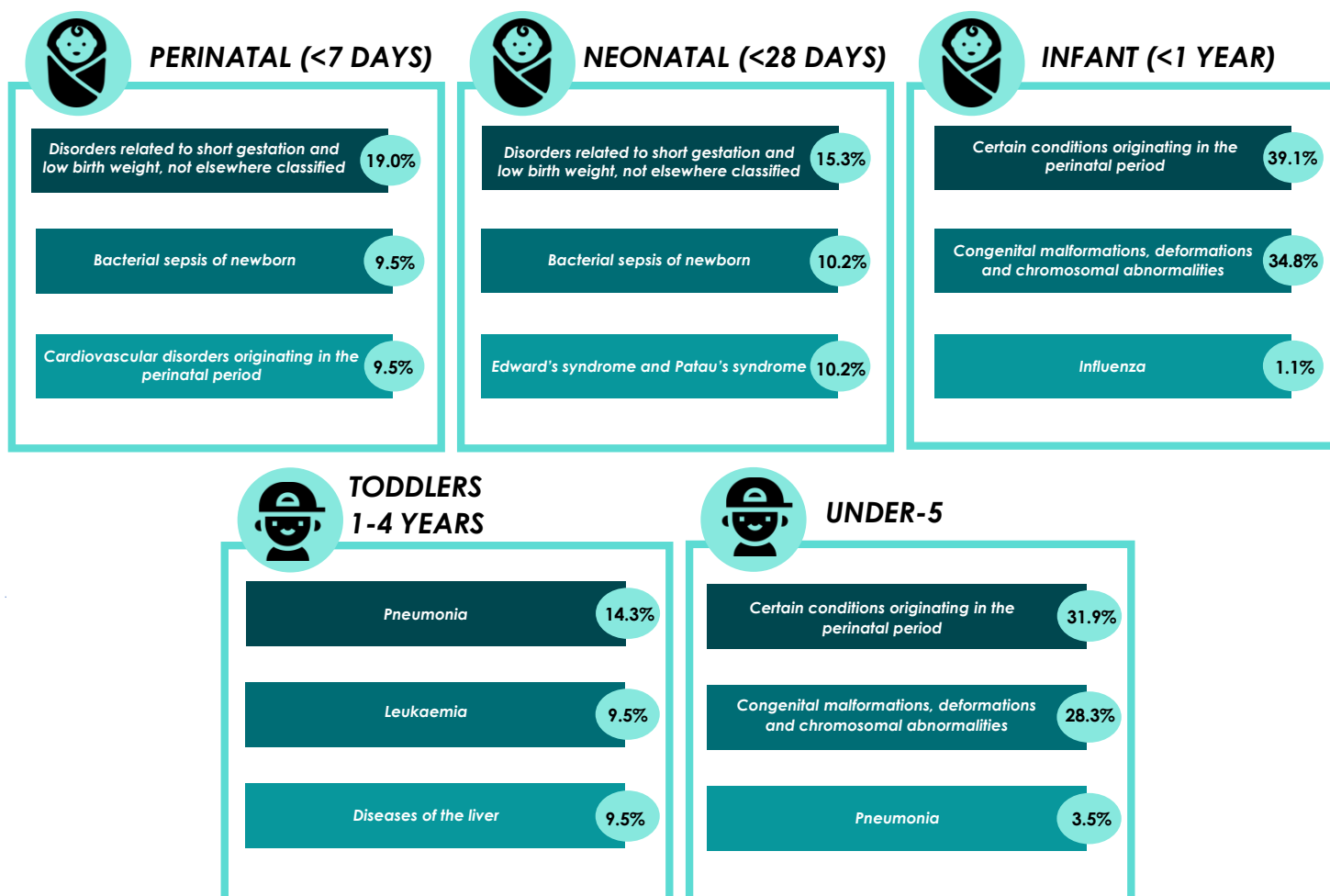
Indians

1,021 deaths

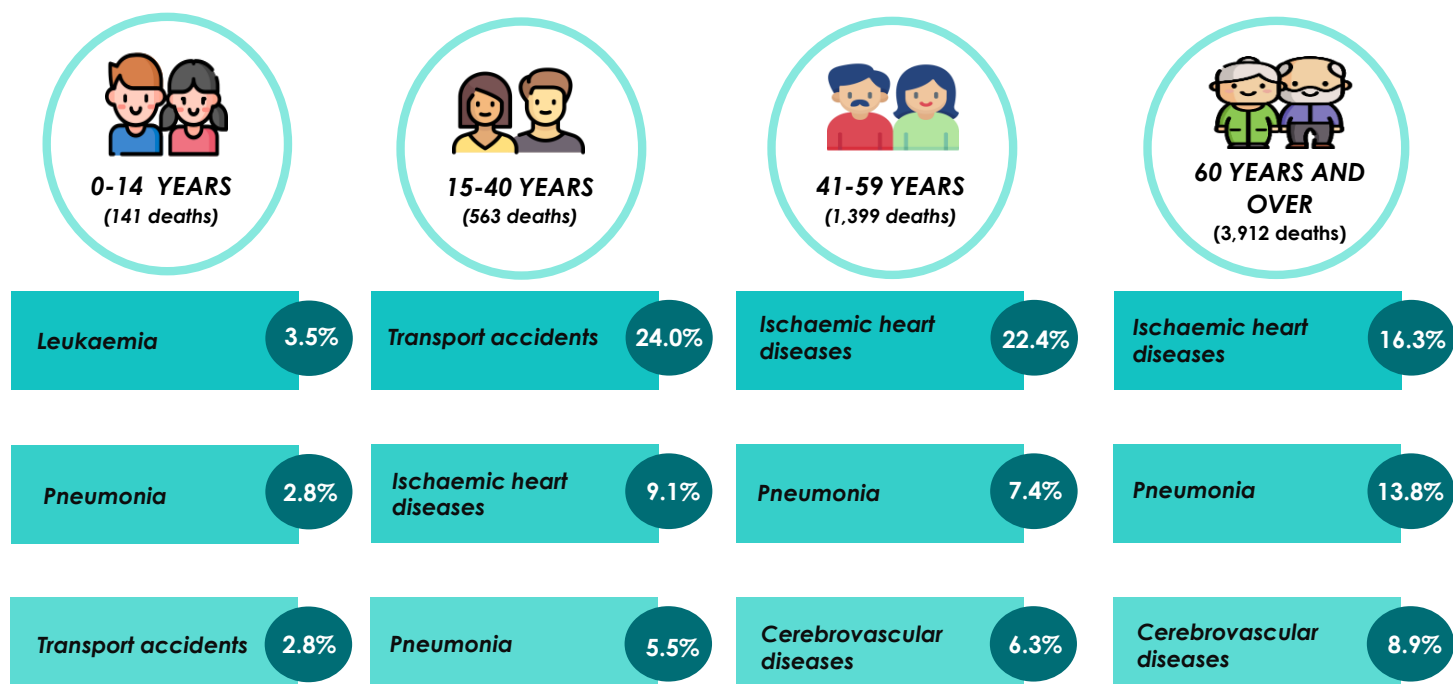
- 1 Ischaemic heart diseases **20.9%**
- 2 Pneumonia **10.7%**
- 3 Cerebrovascular diseases **7.2%**
- 4 Diseases of the liver **4.0%**
- 5 Transport accidents **3.9%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, NEGERI SEMBILAN, 2022



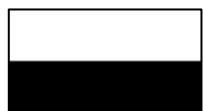
THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, NEGERI SEMBILAN, 2022



¹The analysis is based on medically certified deaths

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PAHANG

NUMBER OF DEATHS, PAHANG, 2022



11,022
deaths



6,516 (59.1%)
deaths



4,506 (40.9%)
deaths

AVERAGE

1 deaths per hour

30 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Pahang** in 2022

16.9%



Ischaemic heart diseases

18.6%



Pneumonia

15.8%



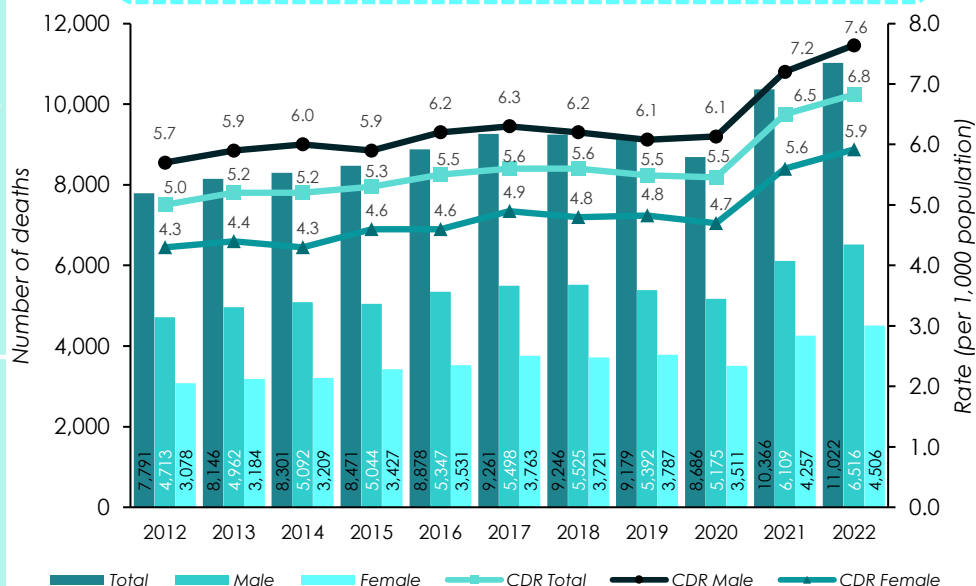
Obstetric embolism

40.0%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PAHANG, 2012-2022

The number of deaths in 2022 increased **6.3 per cent** (656 deaths) as compared to 2021 (10,366 deaths)

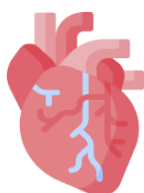


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 PAHANG, 2022

1

Diseases of the circulatory system

30.8%
30.7%



2

Diseases of the respiratory system

20.3%
15.7%



3

Neoplasms

9.9%
10.3%



4

Certain infectious and parasitic diseases

8.2%
7.0%

5

Diseases of the digestive system

3.8%
3.4%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, PAHANG, 2022



Malay

5,007 deaths

- 1 Ischaemic heart diseases **16.9%**
- 2 Pneumonia **15.0%**
- 3 Cerebrovascular diseases **7.4%**
- 4 COVID-19 infection (due to) **4.0%**
- 5 Transport accidents **3.9%**



Other Bumiputera

322 deaths

- 1 Pneumonia **15.8%**
- 2 Ischaemic heart diseases **14.9%**
- 3 Transport accidents **8.7%**
- 4 Cerebrovascular diseases **7.1%**
- 5 Chronic lower respiratory diseases **4.7%**

MAJOR ETHNIC GROUP



Chinese

1,173 deaths

- 1 Ischaemic heart diseases **16.5%**
- 2 Pneumonia **14.7%**
- 3 Cerebrovascular diseases **6.5%**
- 4 COVID-19 infection (due to) **4.2%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.6%**



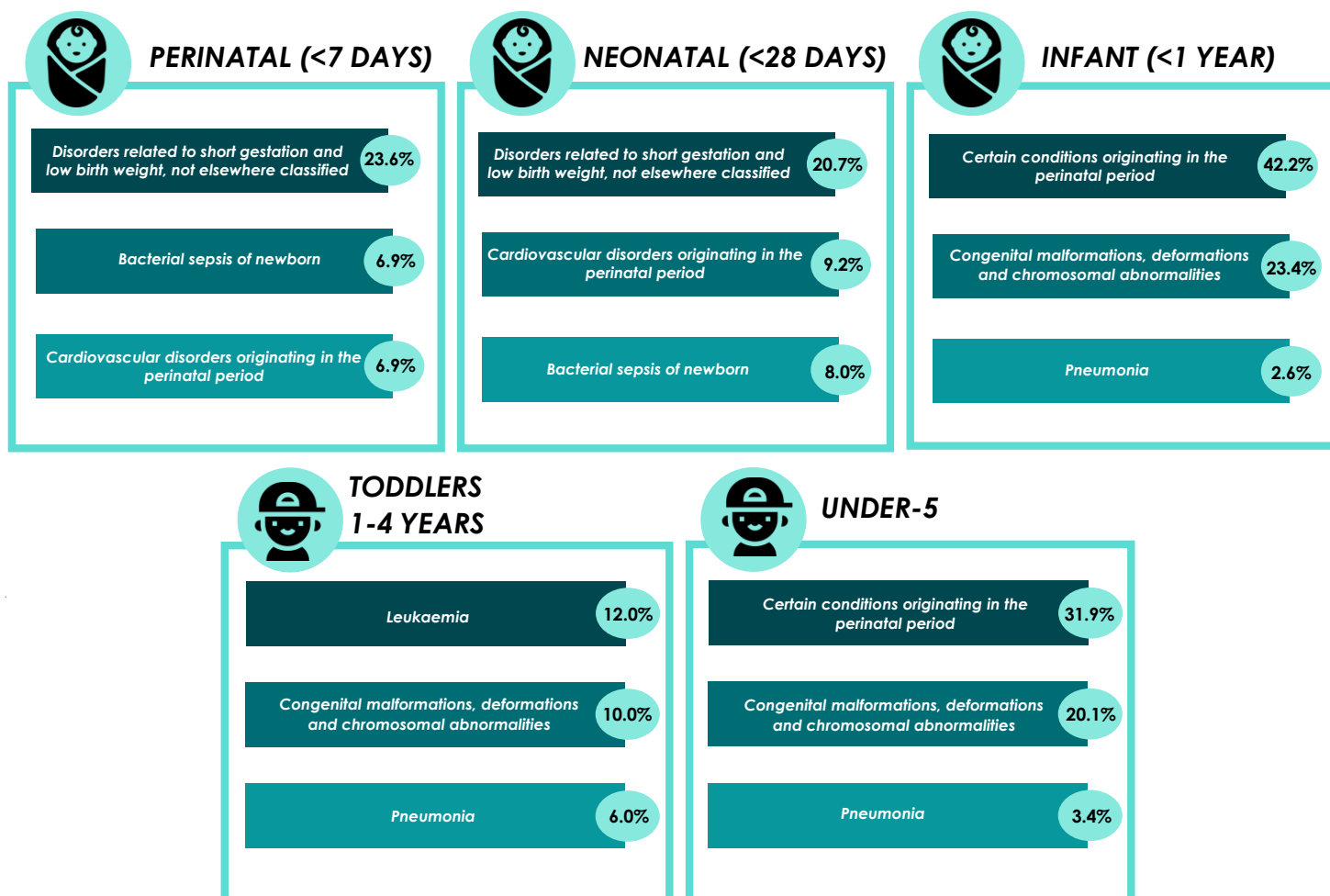
Indians

328 deaths

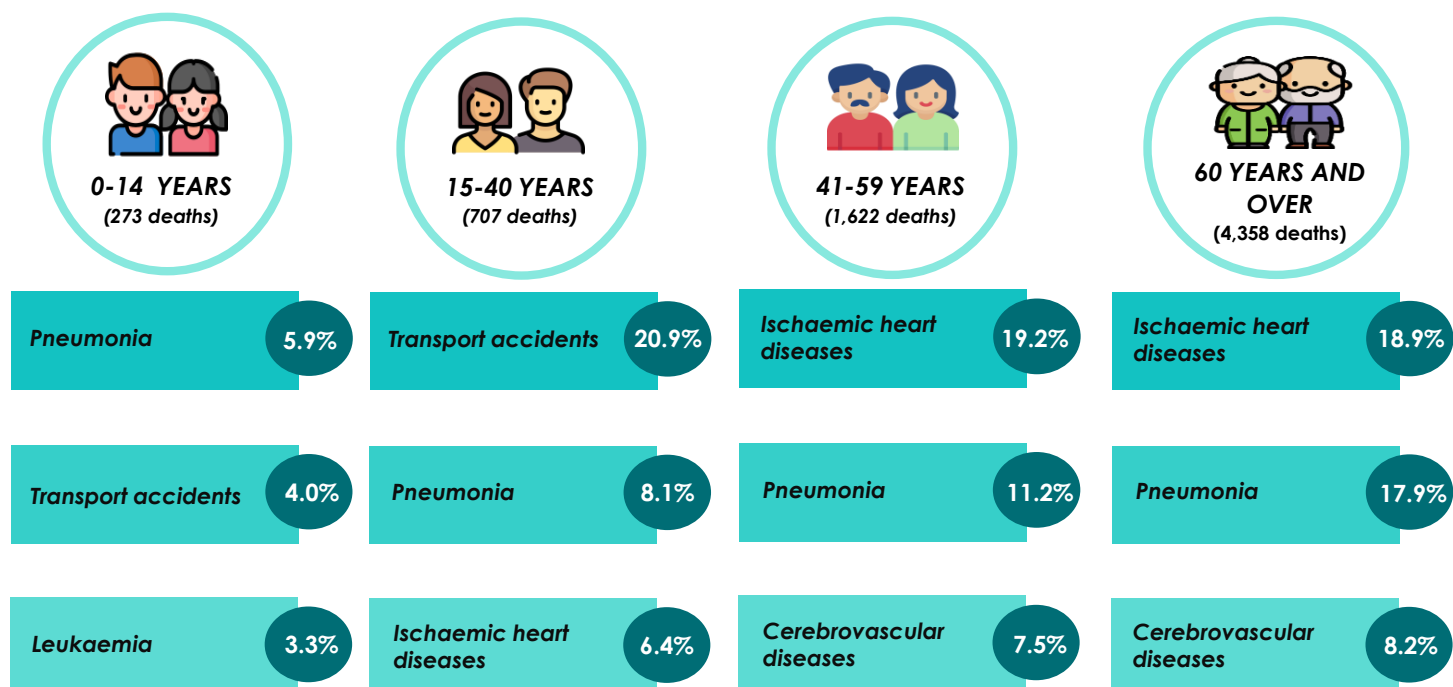
- 1 Ischaemic heart diseases **20.4%**
- 2 Pneumonia **13.4%**
- 3 Cerebrovascular diseases **6.7%**
- 4 Transport accidents **3.7%**
- 5 Diseases of the liver **2.7%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PAHANG, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PAHANG, 2022



¹The analysis is based on medically certified deaths

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PERAK

NUMBER OF DEATHS, PERAK, 2022



22,341
deaths



12,641 (56.6%)
deaths



9,700 (43.4%)
deaths

AVERAGE

3 deaths per hour

61 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Perak** in 2022

14.7%



Ischaemic heart diseases

16.9%



Pneumonia

15.6%



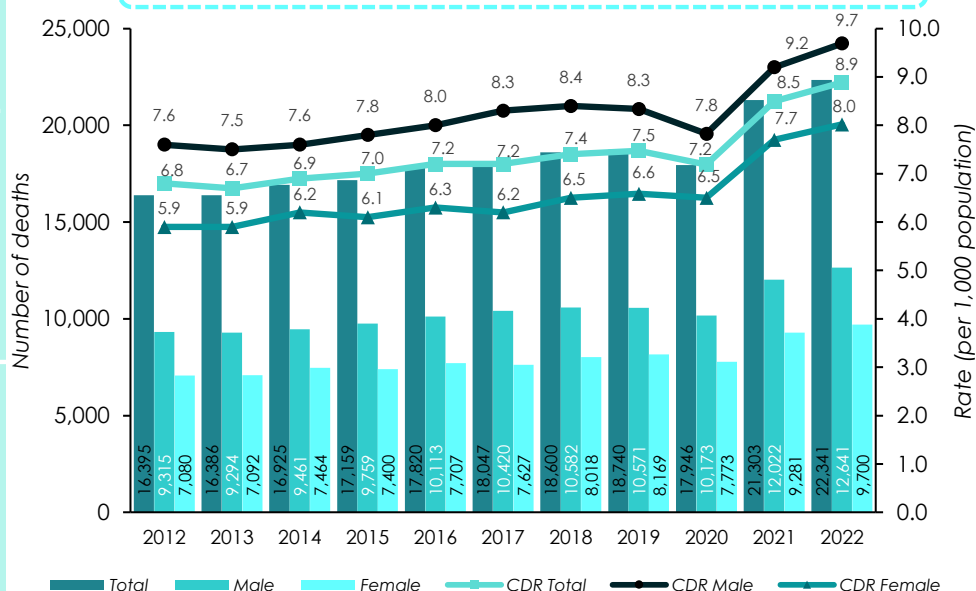
Obstetric embolism

33.3%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PERAK, 2012-2022

The number of deaths in 2022 increased **4.9 per cent** (1,038 deaths) as compared to 2021 (21,303 deaths)

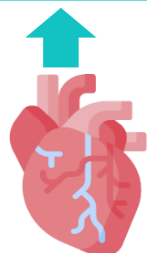


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 PERAK, 2022

1

Diseases of the circulatory system

27.5%
33.9%



2

Diseases of the respiratory system

19.8%
15.6%

3

Neoplasms

10.8%
12.1%



4

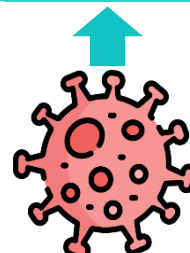
Certain infectious and parasitic diseases

7.8%
5.4%

5

Codes for special purposes

5.9%
9.6%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, PERAK, 2022



Malay 6,449 deaths

1	Ischaemic heart diseases	14.8%
2	Pneumonia	14.3%
3	Cerebrovascular diseases	7.5%
4	COVID-19 infection (due to)	5.6%
5	Transport accidents	3.6%



Other Bumiputera 250 deaths

1	Pneumonia	12.0%
2	Ischaemic heart diseases	10.8%
3	Cerebrovascular diseases	6.8%
4	Transport accidents	4.0%
5	COVID-19 infection (due to)	2.8%

MAJOR ETHNIC GROUP



Chinese 3,694 deaths

1	Pneumonia	15.8%
2	Ischaemic heart diseases	12.5%
3	COVID-19 infection (due to)	7.4%
4	Cerebrovascular diseases	6.0%
5	Malignant neoplasm of trachea, bronchus and lung	3.0%

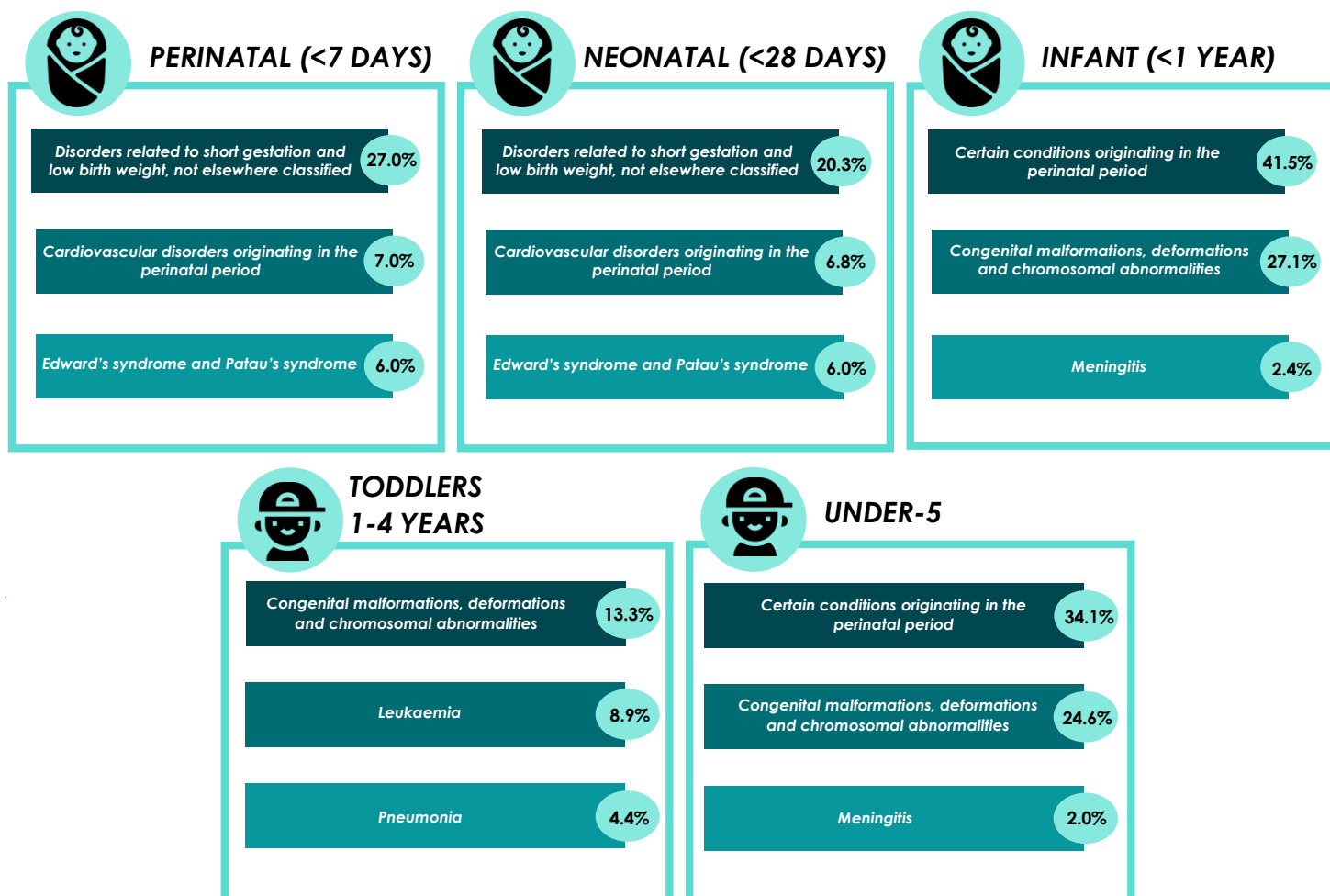


Indians 1,831 deaths

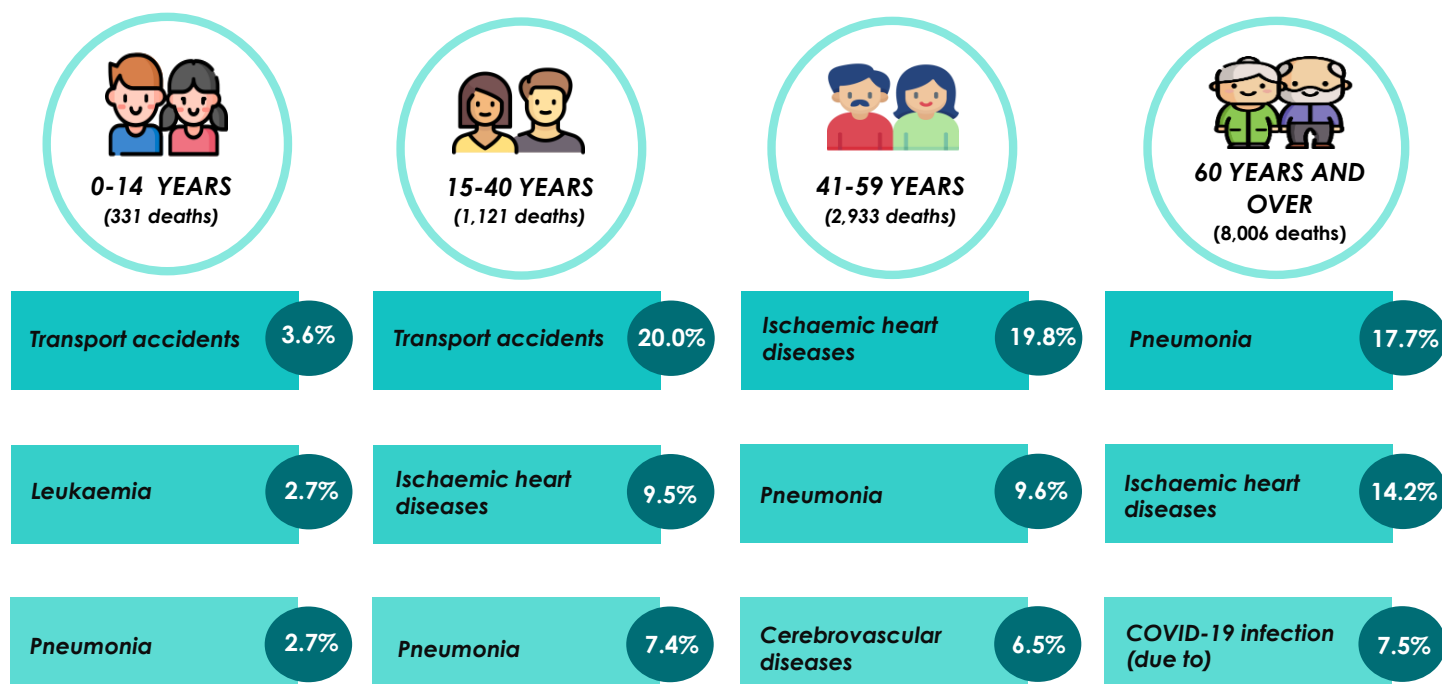
1	Ischaemic heart diseases	19.5%
2	Pneumonia	12.6%
3	Cerebrovascular diseases	5.0%
4	Transport accidents	5.0%
5	Diseases of the liver	4.0%

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PERAK, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PERAK, 2022



¹The analysis is based on medically certified deaths

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PERLIS

NUMBER OF DEATHS, PERLIS, 2022



2,422
deaths



1,348 (55.7%)
deaths



1,074 (44.3%)
deaths

AVERAGE

7 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the
principal causes of death
in Perlis in 2022

23.1%



Ischaemic
heart
diseases

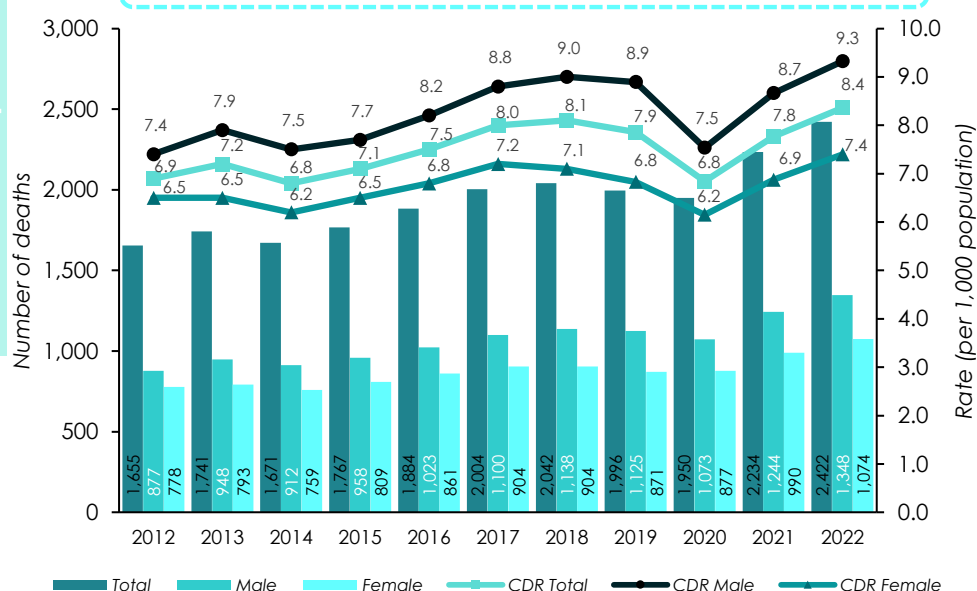
24.4%



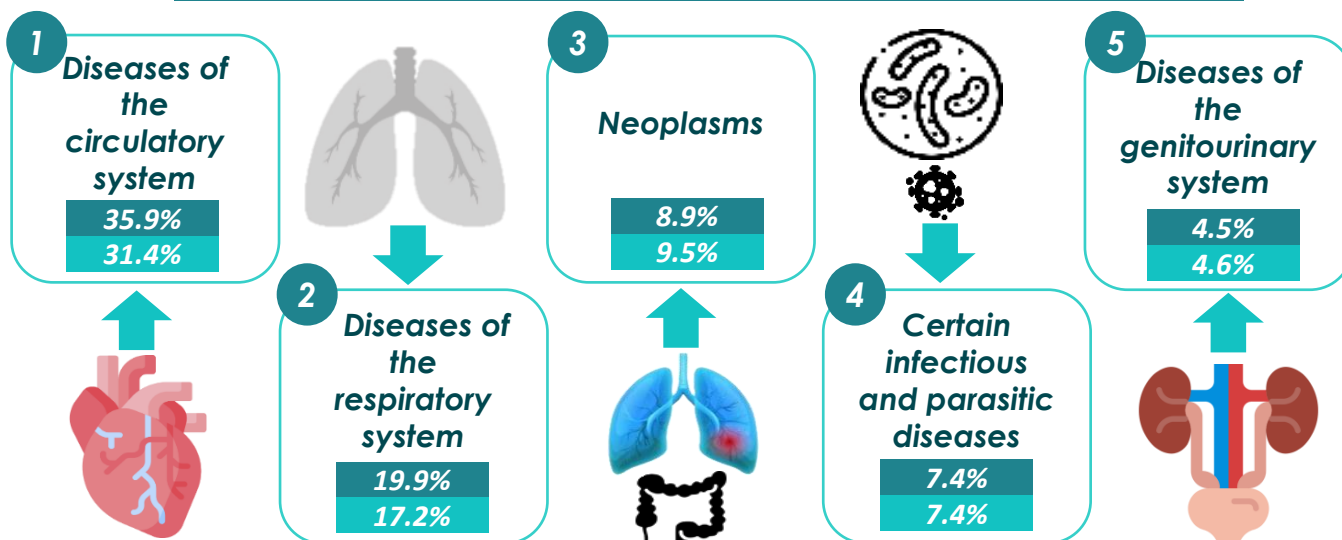
21.4%

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PERLIS, 2012-2022

The number of deaths in 2022 increased **8.4 per cent** (188 deaths) as compared to 2021 (2,234 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 PERLIS, 2022



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, PERLIS, 2022



Malay 1,379 deaths

- 1 Ischaemic heart diseases **23.5%**
- 2 Pneumonia **15.7%**
- 3 Cerebrovascular diseases **6.2%**
- 4 Transport accidents **4.1%**
- 5 COVID-19 infection (due to) **4.0%**



Other Bumiputera 0 deaths

Note: No medically certified death recorded for Other Bumiputera

MAJOR ETHNIC GROUP



Chinese 156 deaths

- 1 Ischaemic heart diseases **21.2%**
- 2 Pneumonia **11.5%**
- 3 Cerebrovascular diseases **10.3%**
- 4 Malignant neoplasm of trachea, bronchus and lung **3.2%**
- 5 Hypertensive diseases **2.6%**

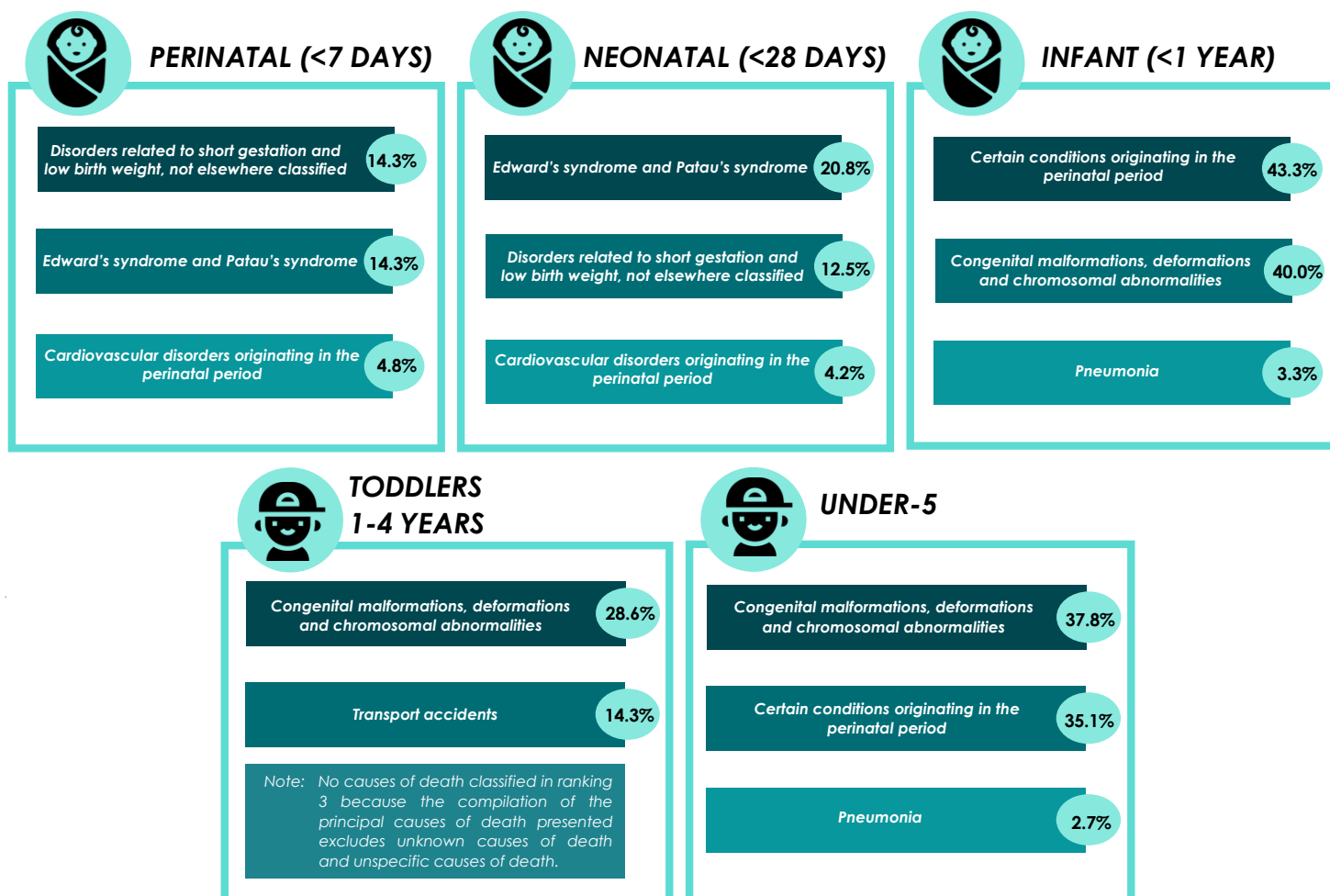


Indians 20 deaths

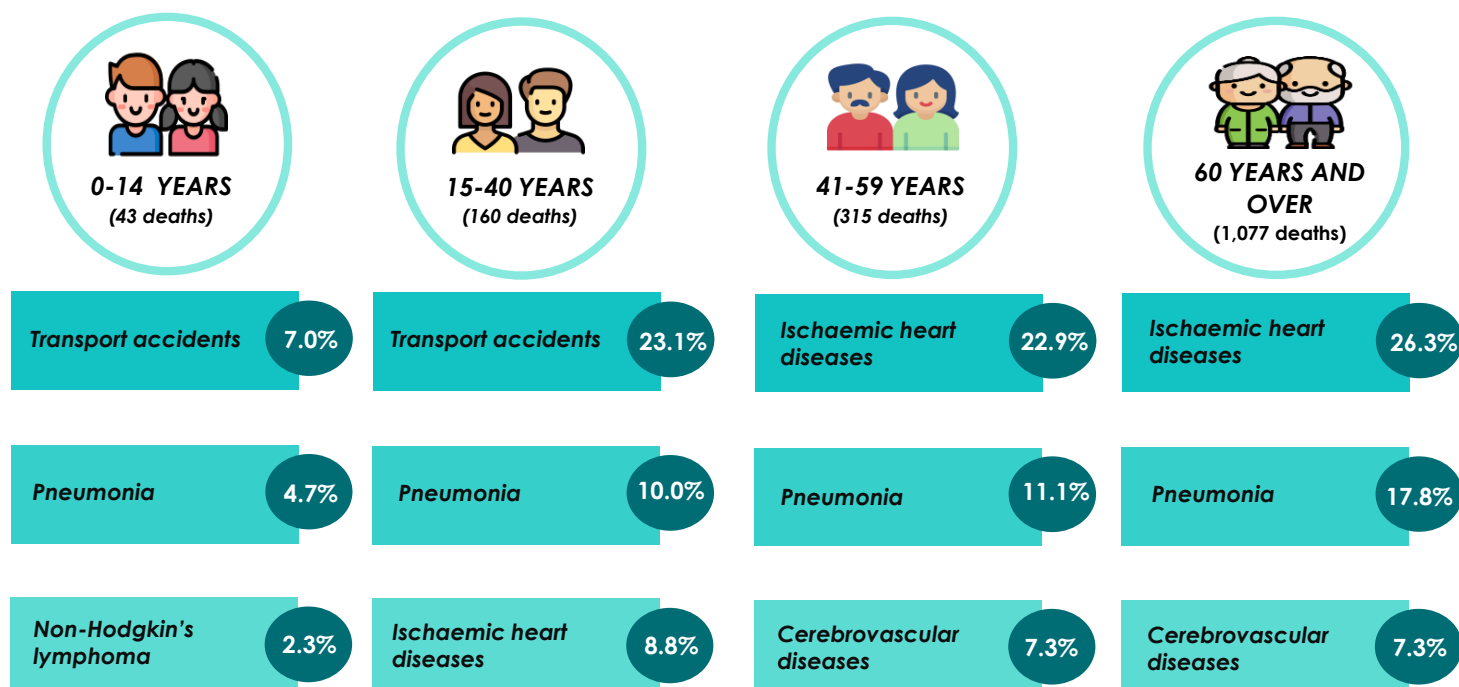
- 1 Ischaemic heart diseases **25.0%**
- 2 Pneumonia **20.0%**
- 3 Cerebrovascular diseases **10.0%**
- 4 Malignant neoplasm of liver and intrahepatic bile ducts **5.0%**
- 5 Anaemias **5.0%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PERLIS, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PERLIS, 2022



¹The analysis is based on medically certified deaths

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PULAU PINANG

NUMBER OF DEATHS, PULAU PINANG, 2022



12,920
deaths



7,338 (56.8%)
deaths



5,582 (43.2%)
deaths

AVERAGE

1 deaths per hour

35 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Pulau Pinang** in 2022

17.2%



Ischaemic heart diseases

19.6%



Pneumonia

15.2%



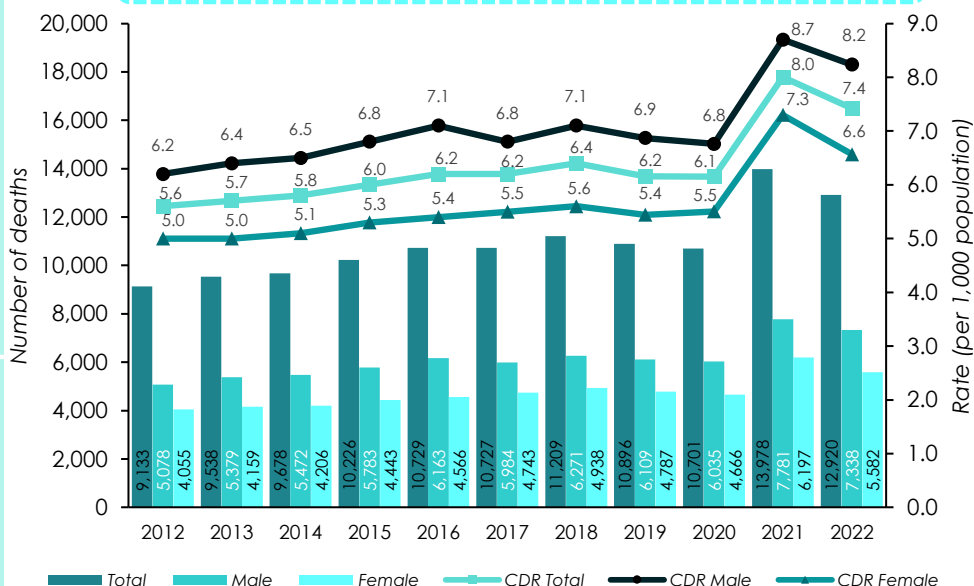
Gestational [pregnancy - induced] hypertension with significant proteinuria

25.0%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PULAU PINANG, 2012-2022

The number of deaths in 2022 decreased **7.6 per cent** (1,058 deaths) as compared to 2021 (13,978 deaths)

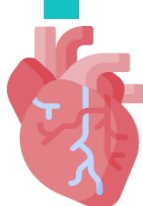


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 PULAU PINANG, 2022

1

Diseases of the circulatory system

29.9%
26.3%



2

Diseases of the respiratory system

19.7%
17.1%

3

Neoplasms

12.5%
11.5%



4

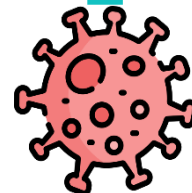
Certain infectious and parasitic diseases

9.1%
6.3%

5

Codes for special purposes

3.9%
18.1%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, PULAU PINANG, 2022



Malay

3,009 deaths

- 1 Ischaemic heart diseases **17.4%**
- 2 Pneumonia **13.6%**
- 3 Cerebrovascular diseases **5.8%**
- 4 Transport accidents **4.9%**
- 5 COVID-19 infection (due to) **3.7%**



Other Bumiputera

16 deaths

- 1 Malignant neoplasm of cervix uteri **6.3%**
- 2 Non-Hodgkin's lymphoma **6.3%**
- 3 Hypertensive diseases **6.3%**
- 4 Ischaemic heart diseases **6.3%**
- 5 Pneumonia **6.3%**

MAJOR ETHNIC GROUP



Chinese

3,455 deaths

- 1 Ischaemic heart diseases **15.5%**
- 2 Pneumonia **14.6%**
- 3 Cerebrovascular diseases **5.3%**
- 4 COVID-19 infection (due to) **4.4%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.9%**



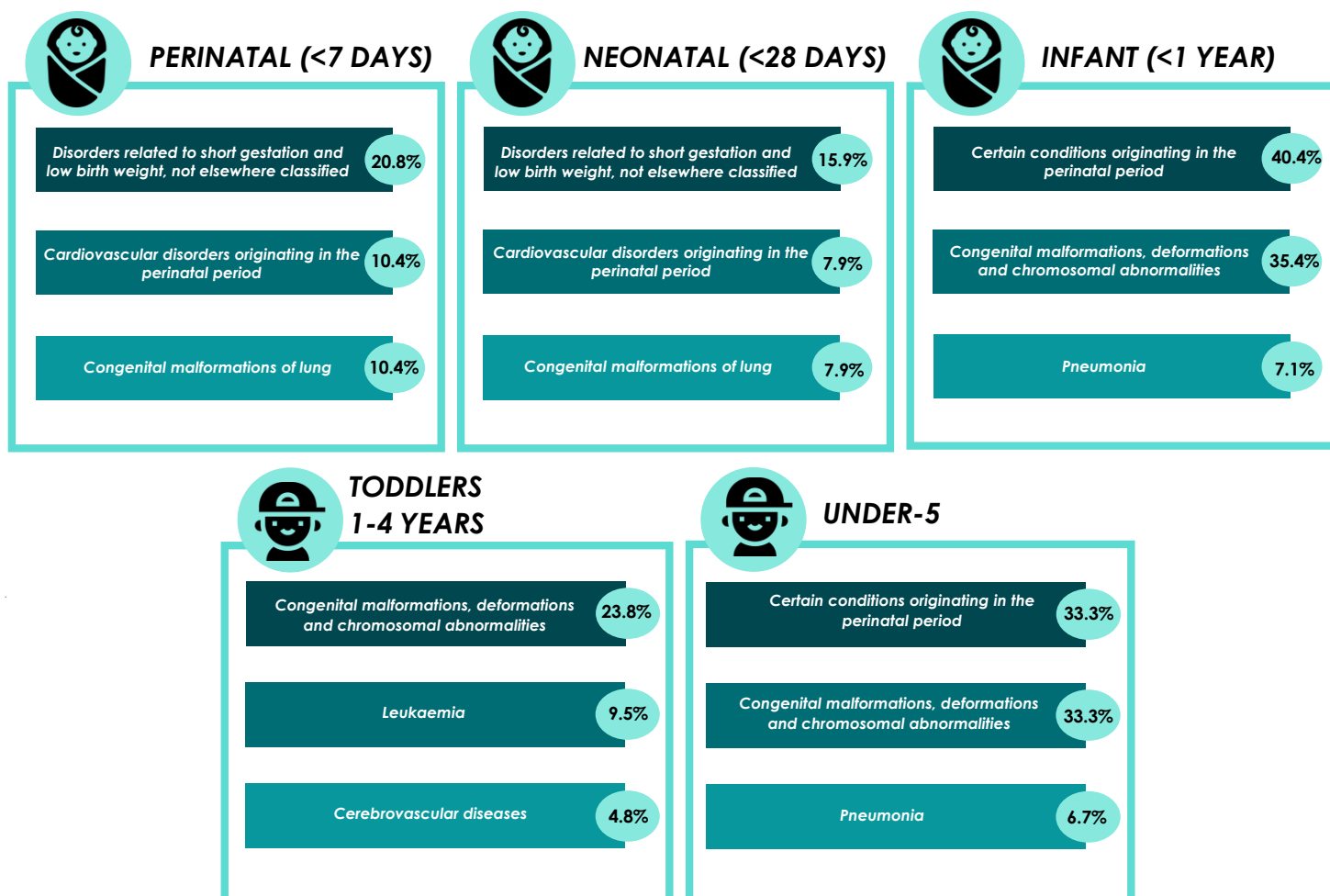
Indians

1,161 deaths

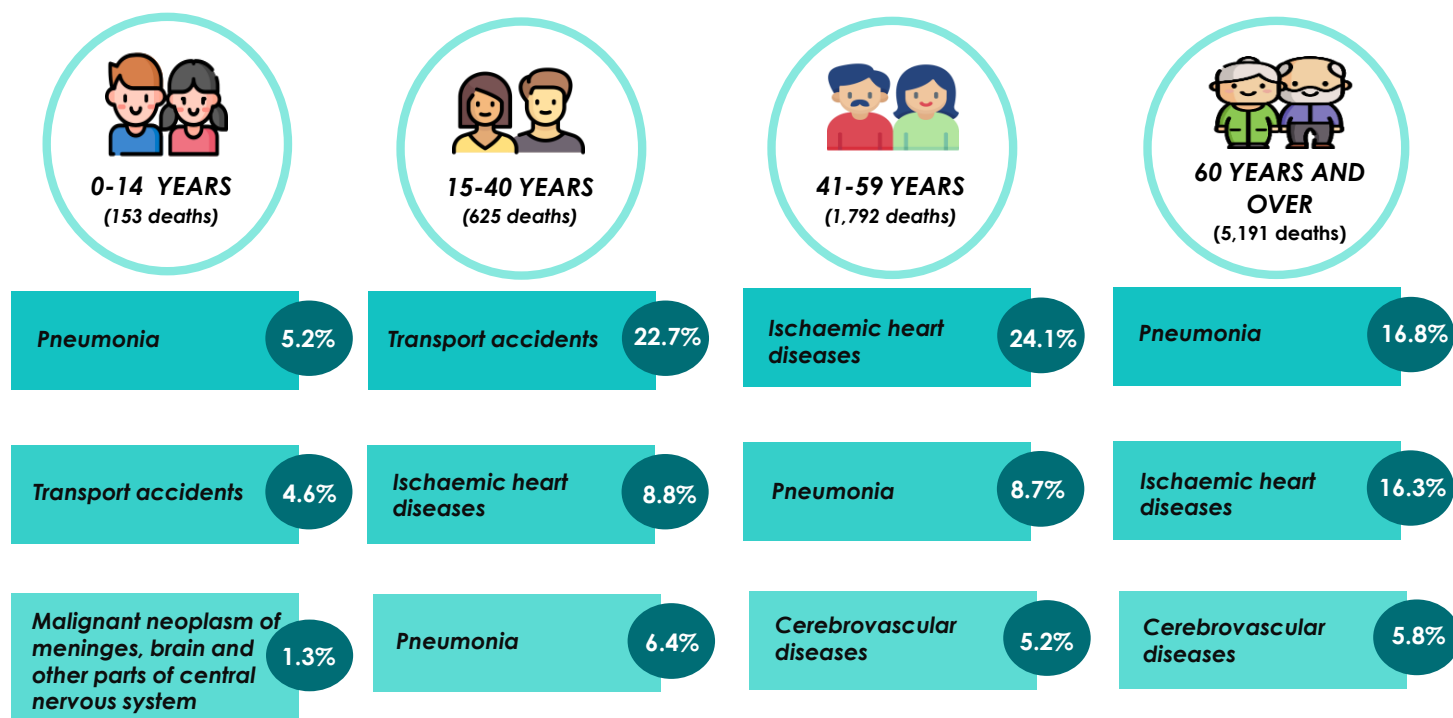
- 1 Ischaemic heart diseases **22.1%**
- 2 Pneumonia **12.4%**
- 3 Transport accidents **4.9%**
- 4 Cerebrovascular diseases **4.4%**
- 5 Diseases of the liver **3.5%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PULAU PINANG, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PULAU PINANG, 2022



¹The analysis is based on medically certified deaths

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SABAH

NUMBER OF DEATHS, SABAH, 2022



17,395
deaths



10,084 (58.0%)
deaths



7,311 (42.0%)
deaths

AVERAGE

2 deaths per hour

48 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Pneumonia



was the principal causes of death in Sabah in 2022

12.8%



Pneumonia

11.9%



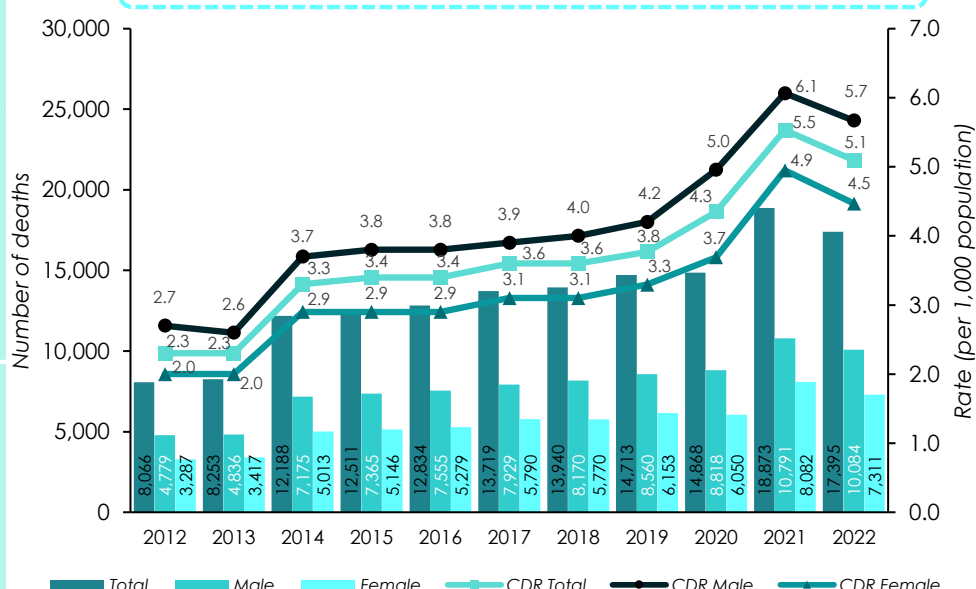
14.0%



15.4%
Gestational [pregnancy - induced] hypertension with significant proteinuria
was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SABAH, 2012-2022

The number of deaths in 2022 decreased **7.8 per cent** (1,478 deaths) as compared to 2021 (18,873 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 SABAH, 2022

1 Diseases of the circulatory system
24.1%
21.6%



3 Neoplasms
15.2%
11.8%

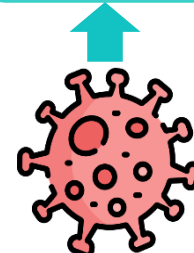


5 Codes for special purposes
4.9%
22.5%

2 Diseases of the respiratory system
19.5%
14.3%



4 Certain infectious and parasitic diseases
6.5%
4.5%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, SABAH, 2022



Malay

1,100 deaths

1	Pneumonia	11.1%
2	Ischaemic heart diseases	8.4%
3	Cerebrovascular diseases	6.1%
4	Hypertensive diseases	4.1%
5	COVID-19 infection (due to)	4.0%



Other Bumiputera

5,273 deaths

1	Pneumonia	12.4%
2	Cerebrovascular diseases	6.5%
3	Ischaemic heart diseases	5.3%
4	Hypertensive diseases	5.2%
5	COVID-19 infection (due to)	4.4%

MAJOR ETHNIC GROUP



Chinese

1,382 deaths

1	Pneumonia	16.5%
2	Ischaemic heart diseases	8.3%
3	Cerebrovascular diseases	6.3%
4	COVID-19 infection (due to)	5.0%
5	Hypertensive diseases	4.1%



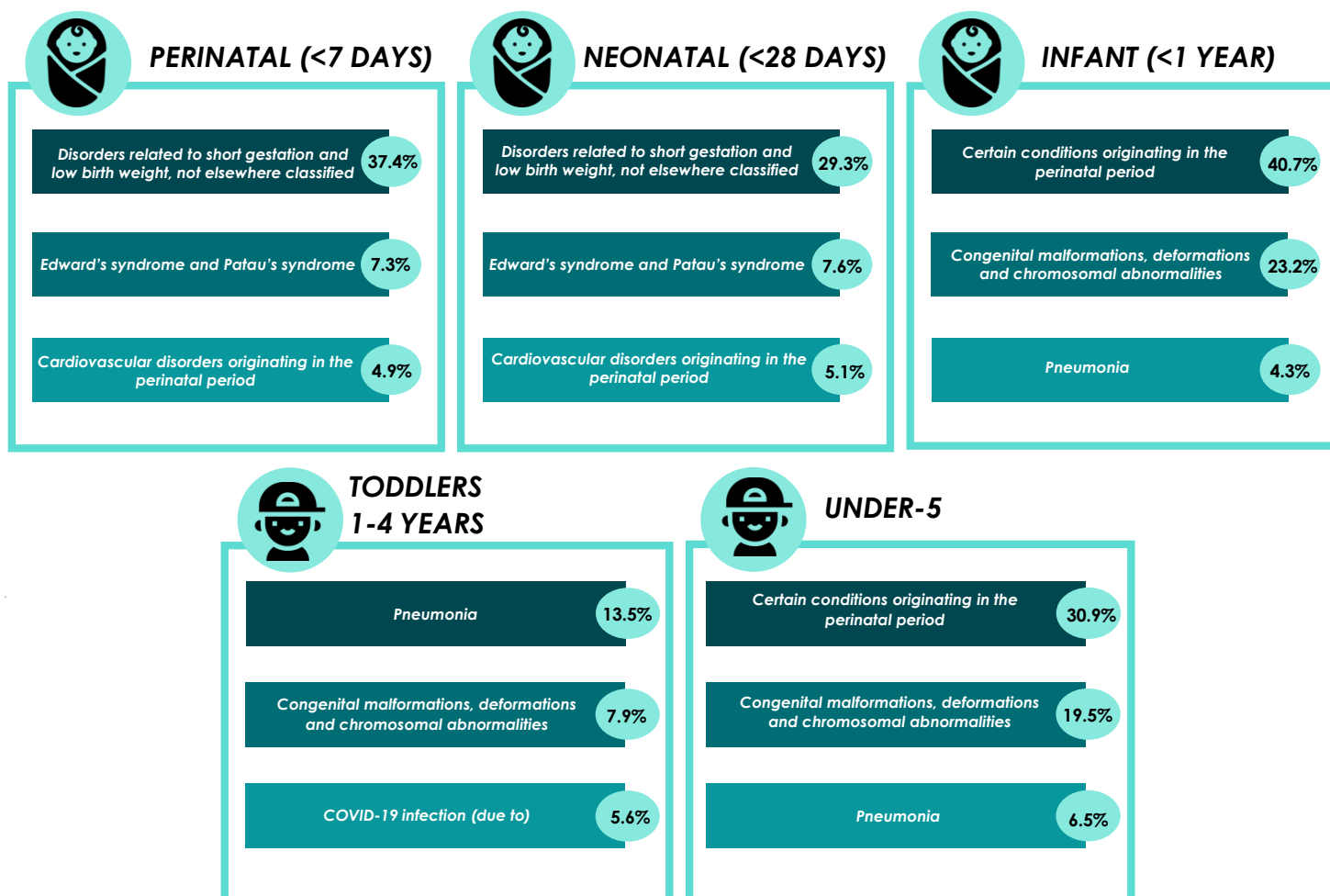
Indians

29 deaths

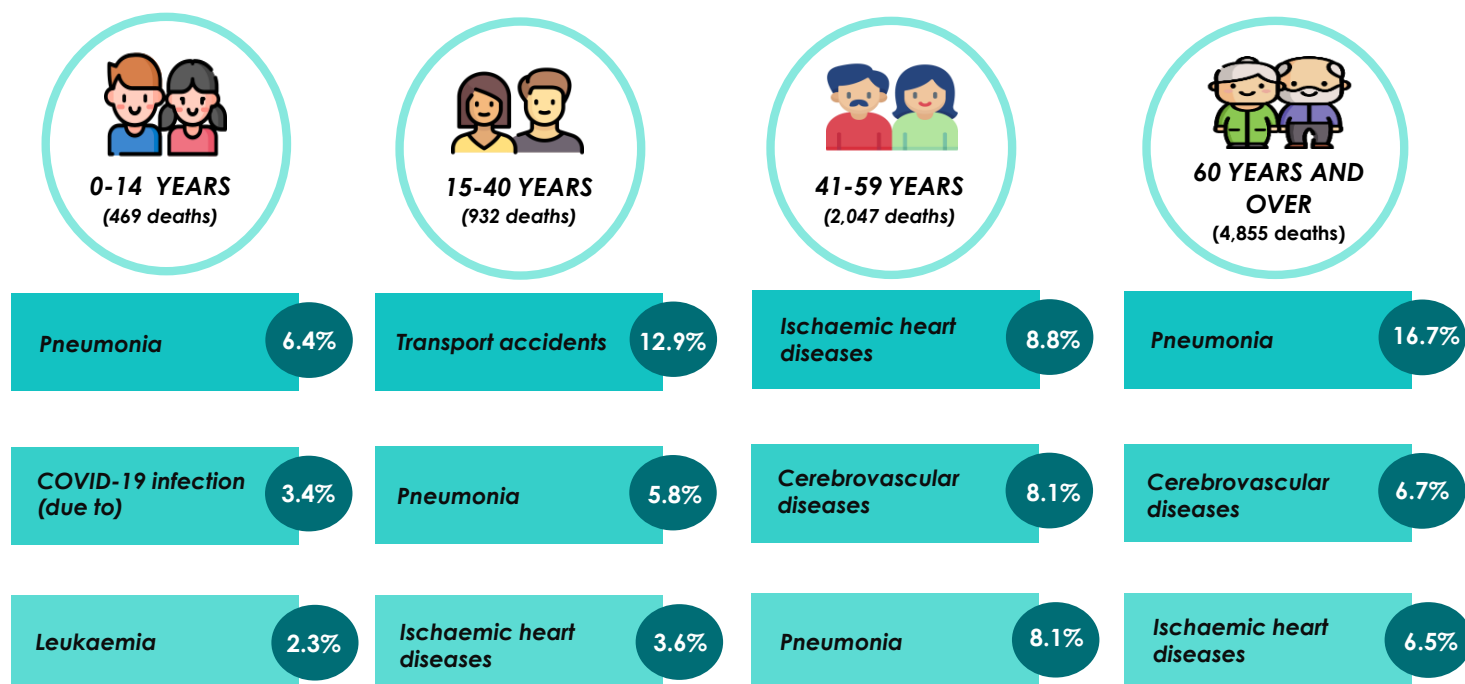
1	Ischaemic heart diseases	13.8%
2	Pneumonia	13.8%
3	COVID-19 infection (due to)	10.3%
4	Cerebrovascular diseases	6.9%
5	Respiratory tuberculosis	3.4%

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SABAH, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, SABAH, 2022



¹The analysis is based on medically certified deaths

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SARAWAK

NUMBER OF DEATHS, SARAWAK, 2022



16,627
deaths



9,566 (57.5%)
deaths



7,061 (42.5%)
deaths

AVERAGE

2 deaths per hour

46 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Pneumonia



was the principal causes of death in Sarawak in 2022

9.4%



Ischaemic heart diseases

9.2%



Pneumonia

10.9%



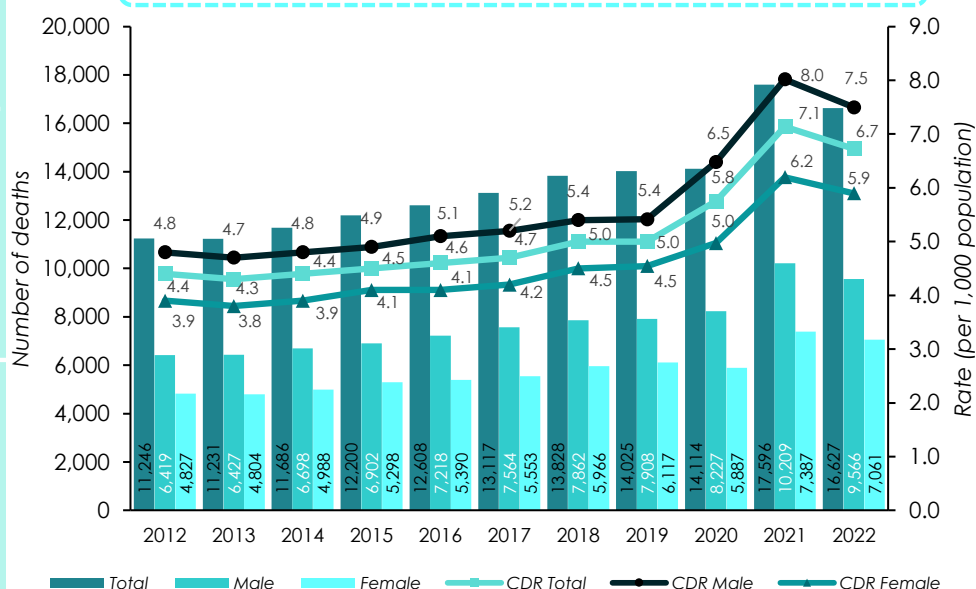
Gestational [pregnancy - induced] hypertension with significant proteinuria

16.7%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SARAWAK, 2012-2022

The number of deaths in 2022 decreased **5.5 per cent** (969 deaths) as compared to 2021 (17,596 deaths)

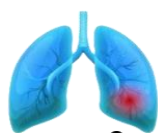
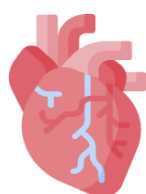


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 SARAWAK, 2022

1

Diseases of the circulatory system

25.5%
25.0%



2

Neoplasms

17.8%
14.7%

3

Diseases of the respiratory system

17.0%
13.0%



4

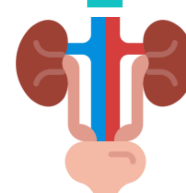
Certain infectious and parasitic diseases

7.2%
6.1%

5

Diseases of the genitourinary system

5.1%
4.5%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, SARAWAK, 2022



Malay

1,544 deaths

- 1 Ischaemic heart diseases 10.7%
- 2 Cerebrovascular diseases 8.4%
- 3 Pneumonia 7.1%
- 4 Chronic lower respiratory diseases 3.4%
- 5 Hypertensive diseases 3.3%



Other Bumiputera

3,833 deaths

- 1 Pneumonia 10.1%
- 2 Cerebrovascular diseases 7.2%
- 3 Ischaemic heart diseases 7.2%
- 4 Chronic lower respiratory diseases 4.1%
- 5 Malignant neoplasm of trachea, bronchus and lung 3.3%

MAJOR ETHNIC GROUP



Chinese

2,311 deaths

- 1 Pneumonia 9.7%
- 2 Ischaemic heart diseases 8.6%
- 3 Cerebrovascular diseases 5.8%
- 4 Malignant neoplasm of trachea, bronchus and lung 4.5%
- 5 COVID-19 infection (due to) 3.4%



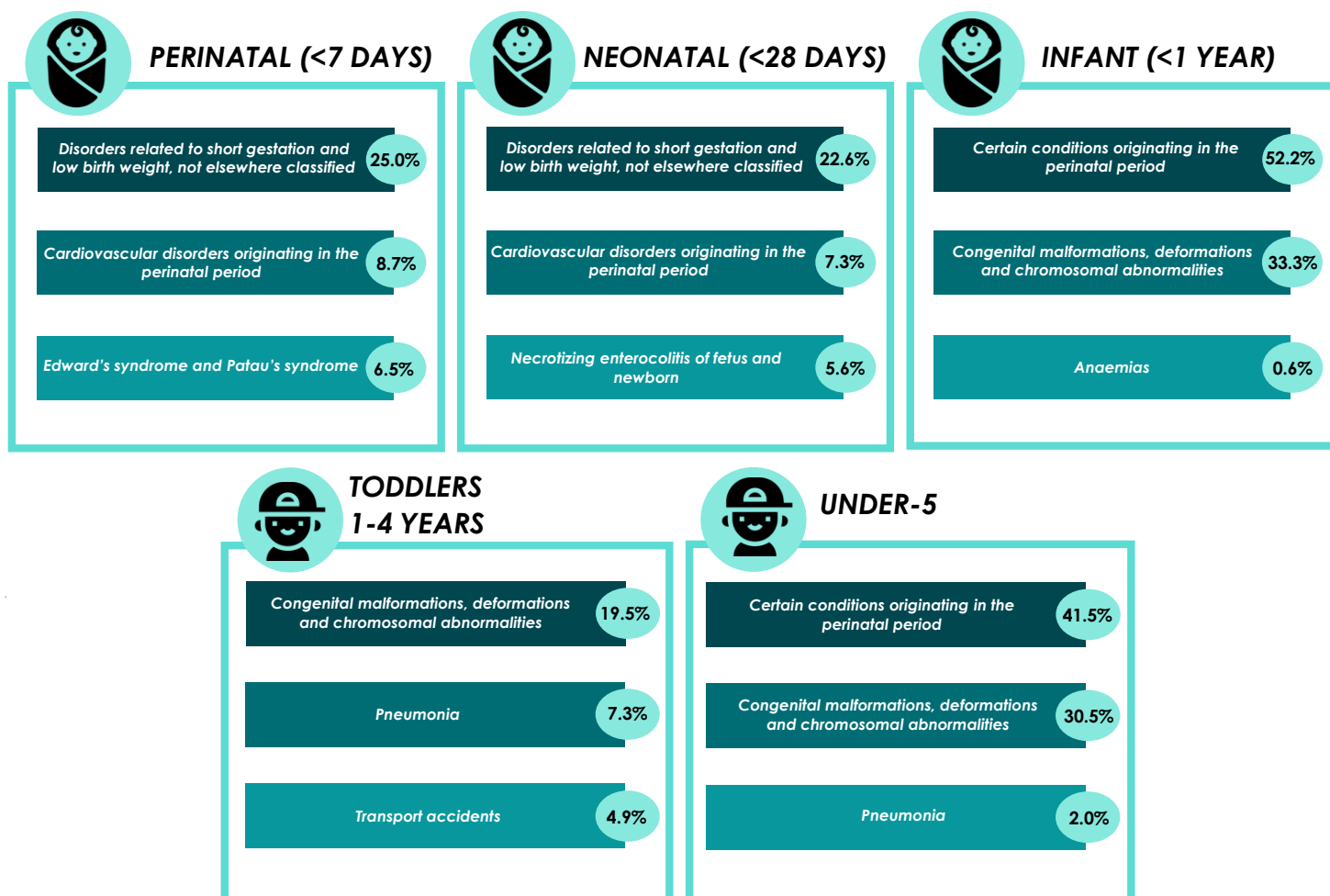
Indians

20 deaths

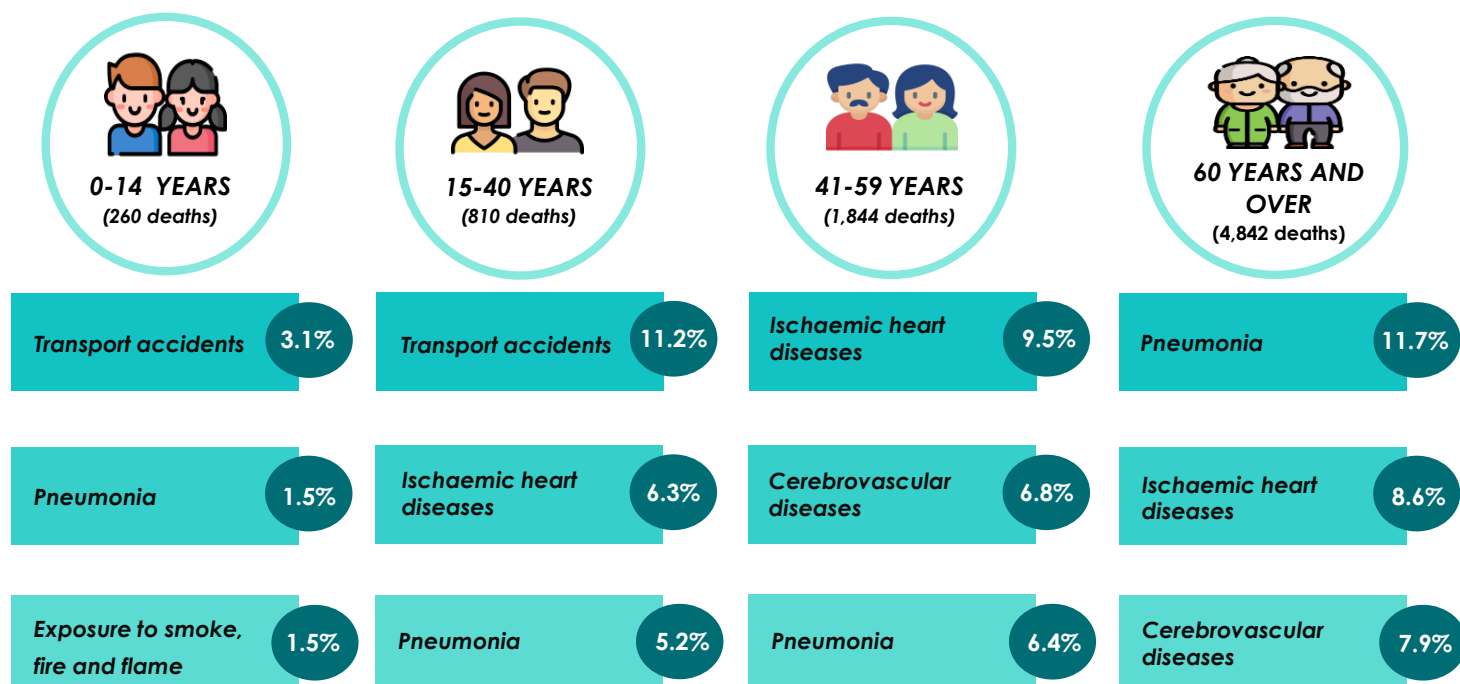
- 1 Malignant neoplasm of stomach 10.0%
- 2 Pneumonia 10.0%
- 3 Malignant neoplasm of liver and intrahepatic bile ducts 5.0%
- 4 Malignant neoplasm of bladder 5.0%
- 5 Hypertensive diseases 5.0%

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SARAWAK, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, SARAWAK, 2022



¹The analysis is based on medically certified deaths

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SELANGOR

NUMBER OF DEATHS, SELANGOR, 2022



32,861
deaths



19,023 (57.9%)
deaths



13,838 (42.1%)
deaths

AVERAGE

4 deaths per hour

90 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in **Selangor** in 2022

16.4%



Ischaemic heart diseases

19.0%



Pneumonia

13.3%



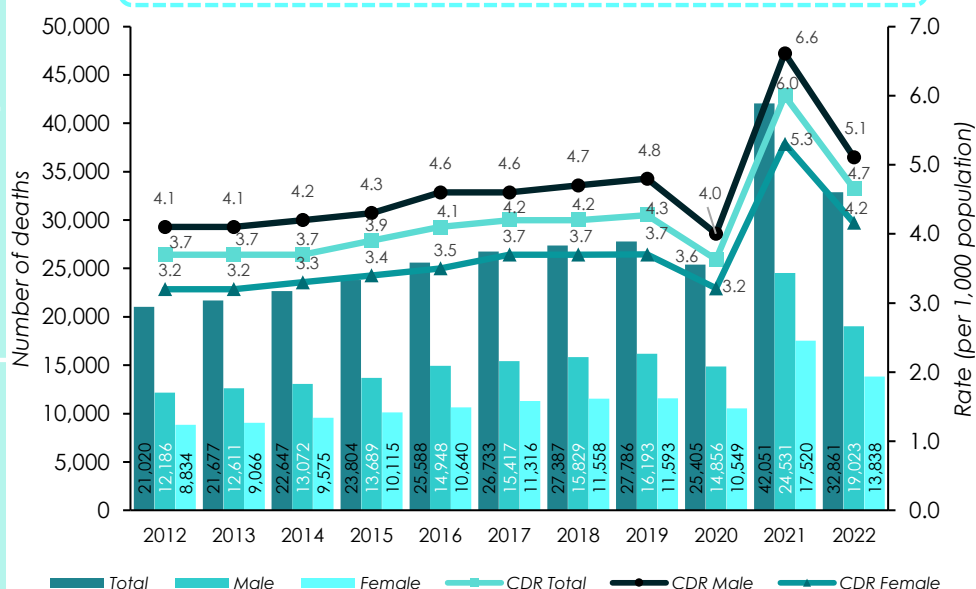
Ectopic pregnancy

21.1%

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SELANGOR, 2012-2022

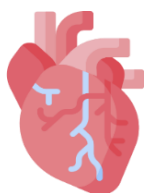
The number of deaths in 2022 decreased **21.9 per cent** (9,190 deaths) as compared to 2021 (42,051 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 SELANGOR, 2022

1 Diseases of the circulatory system

29.5%
20.7%



2 Diseases of the respiratory system

16.5%
15.1%

3 Neoplasms

15.0%
9.5%

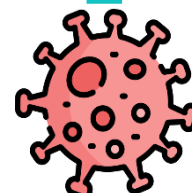


4 Certain infectious and parasitic diseases

7.6%
5.1%

5 Codes for special purposes

4.3%
30.7%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, SELANGOR, 2022



Malay 10,608 deaths

1	Ischaemic heart diseases	15.8%
2	Pneumonia	11.8%
3	Cerebrovascular diseases	7.0%
4	COVID-19 infection (due to)	4.6%
5	Transport accidents	3.9%



Other Bumiputera 246 deaths

1	Ischaemic heart diseases	13.4%
2	Pneumonia	8.1%
3	Cerebrovascular diseases	7.3%
4	Transport accidents	6.5%
5	COVID-19 infection (due to)	3.3%

MAJOR ETHNIC GROUP



Chinese 6,402 deaths

1	Ischaemic heart diseases	14.4%
2	Pneumonia	13.8%
3	Cerebrovascular diseases	7.1%
4	Malignant neoplasm of trachea, bronchus and lung	4.1%
5	COVID-19 infection (due to)	3.6%

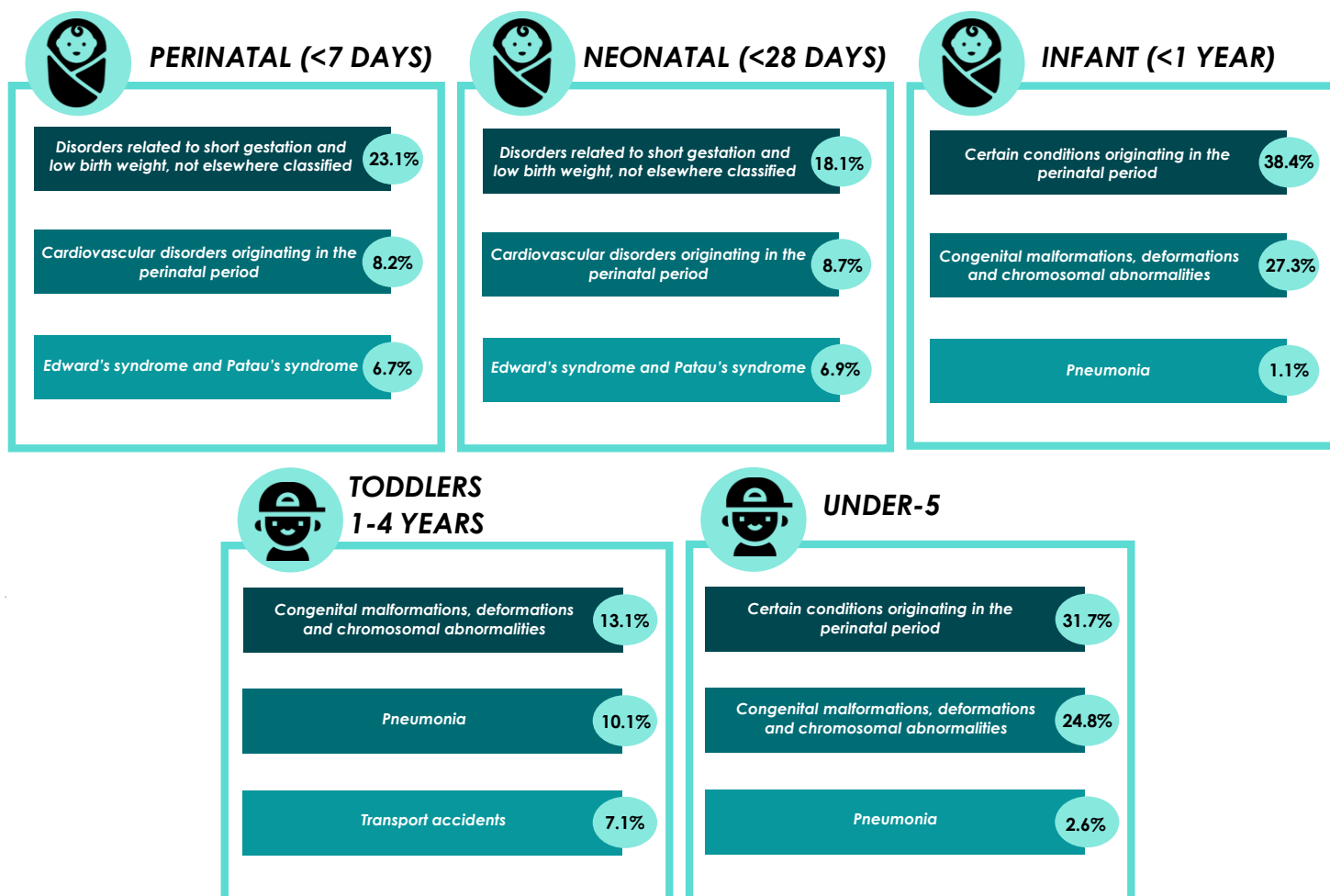


Indians 3,812 deaths

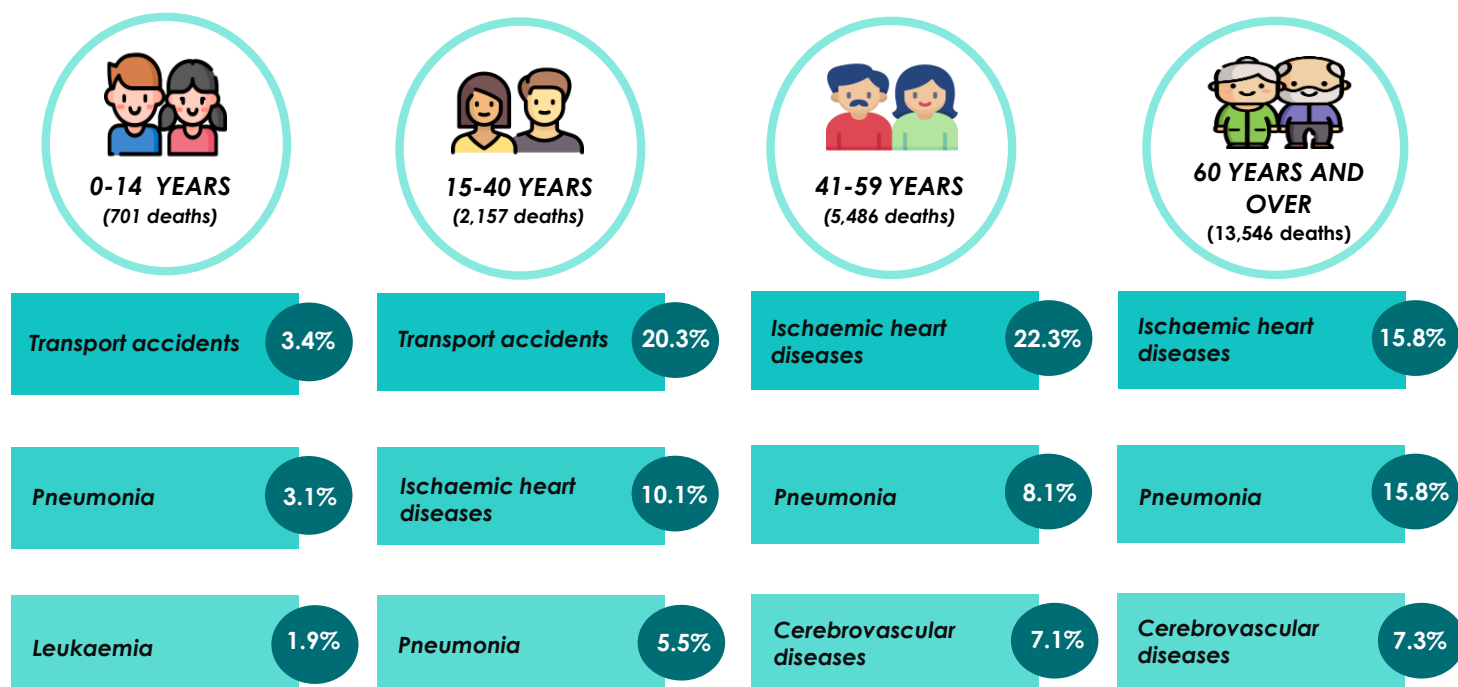
1	Ischaemic heart diseases	21.6%
2	Pneumonia	12.2%
3	Cerebrovascular diseases	5.2%
4	Transport accidents	3.8%
5	COVID-19 infection (due to)	3.4%

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SELANGOR, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, SELANGOR, 2022



¹The analysis is based on medically certified deaths

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TERENGGANU

NUMBER OF DEATHS, TERENGGANU, 2022



8,686
deaths



4,762 (54.8%)
deaths



3,924 (45.2%)
deaths

AVERAGE

1 deaths per hour

24 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in Terengganu in 2022

15.6%



Ischaemic heart diseases

19.0%



Pneumonia

15.8%



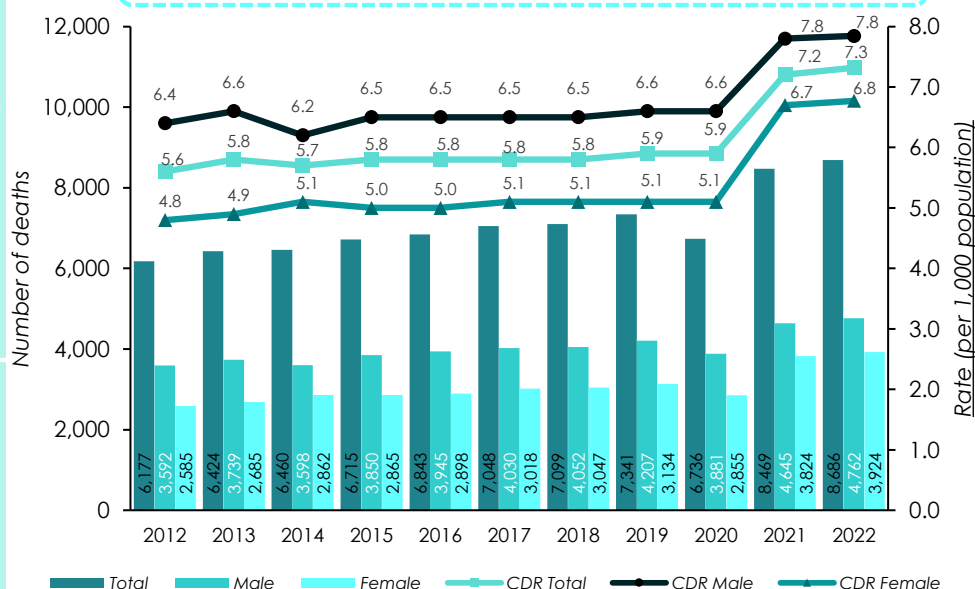
30.0%

Postpartum haemorrhage

was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), TERENGGANU, 2012-2022

The number of deaths in 2022 increased **2.6 per cent** (217 deaths) as compared to 2021 (8,469 deaths)

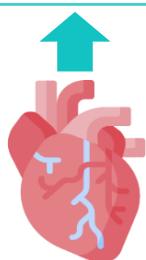


FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 TERENGGANU, 2022

1

Diseases of the circulatory system

33.3%
33.1%



2

Diseases of the respiratory system

19.0%
14.7%

3

Neoplasms

9.8%
10.0%



4

Certain infectious and parasitic diseases

6.4%
5.9%



5

Endocrine, nutritional and metabolic diseases

5.7%
5.4%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, TERENGGANU, 2022



Malay

6,044 deaths

- 1 Ischaemic heart diseases **15.7%**
- 2 Pneumonia **14.0%**
- 3 Cerebrovascular diseases **11.0%**
- 4 Diabetes mellitus **3.8%**
- 5 Transport accidents **3.0%**



Other Bumiputera

10 deaths

- 1 Cerebrovascular diseases **20.0%**
- 2 Pneumonia **20.0%**
- 3 Diabetes mellitus **10.0%**

Note: No causes of death classified in ranking 4 to 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.

MAJOR ETHNIC GROUP



Chinese

162 deaths

- 1 Pneumonia **20.4%**
- 2 Ischaemic heart diseases **14.2%**
- 3 Cerebrovascular diseases **9.3%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.9%**
- 5 Diabetes mellitus **4.3%**



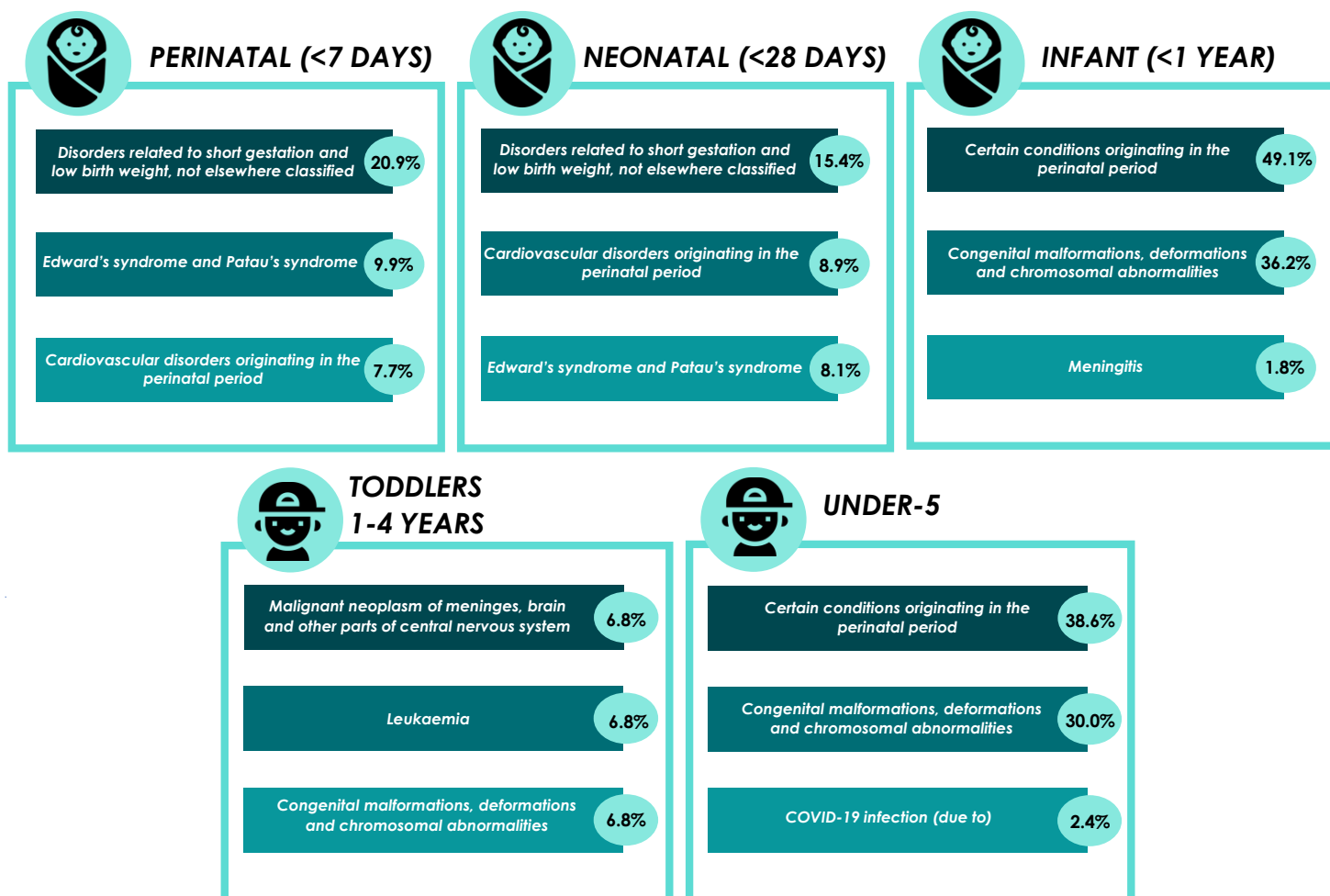
Indians

14 deaths

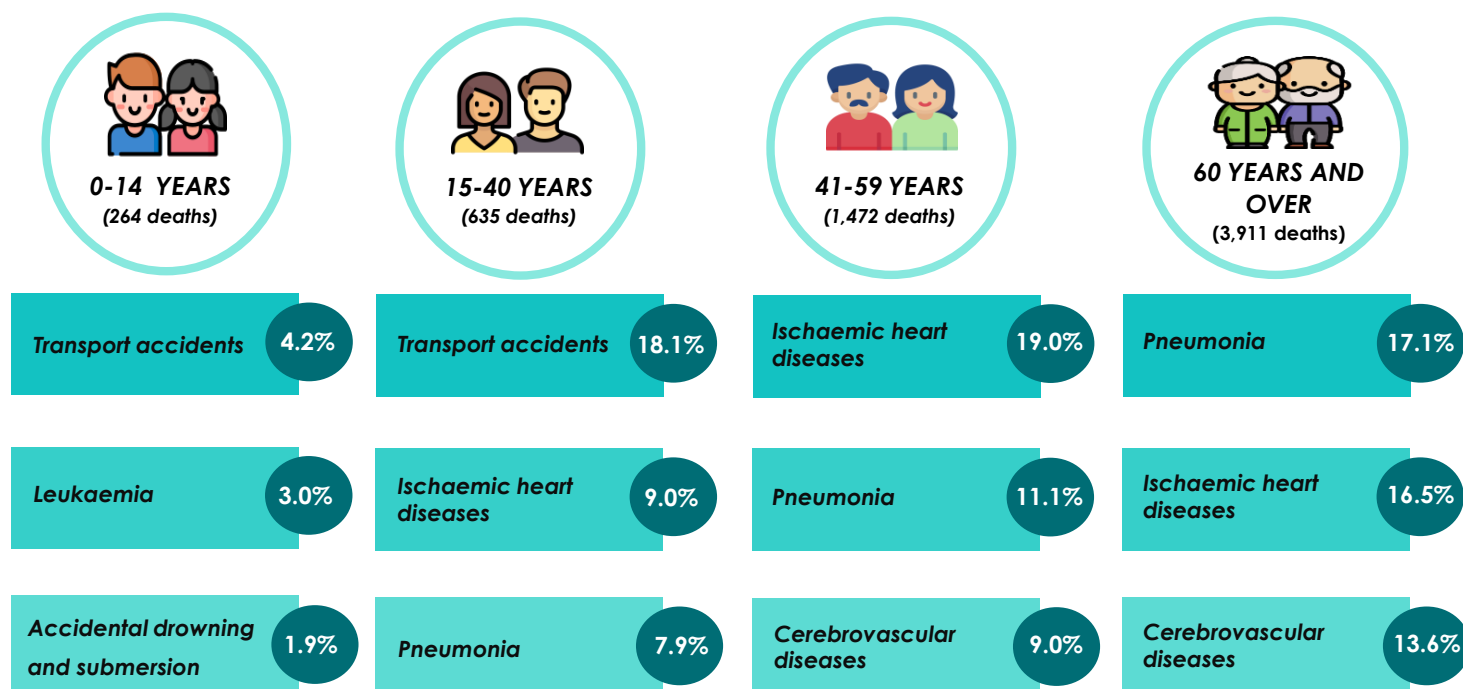
- 1 Ischaemic heart diseases **21.4%**
- 2 Cerebrovascular diseases **21.4%**
- 3 Diarrhoea and gastroenteritis of presumed infectious origin **7.1%**
- 4 Malignant neoplasm of colon, rectum and anus **7.1%**
- 5 Pneumonia **7.1%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, TERENGGANU, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, TERENGGANU, 2022



¹The analysis is based on medically certified deaths

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W.P. KUALA LUMPUR

NUMBER OF DEATHS, W.P. KUALA LUMPUR, 2022



9,962
deaths



5,706 (57.3%)
deaths



4,256 (42.7%)
deaths

AVERAGE

1 deaths per hour

27 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in W.P. Kuala Lumpur in 2022

16.6%



Ischaemic heart diseases

19.2%



12.8%



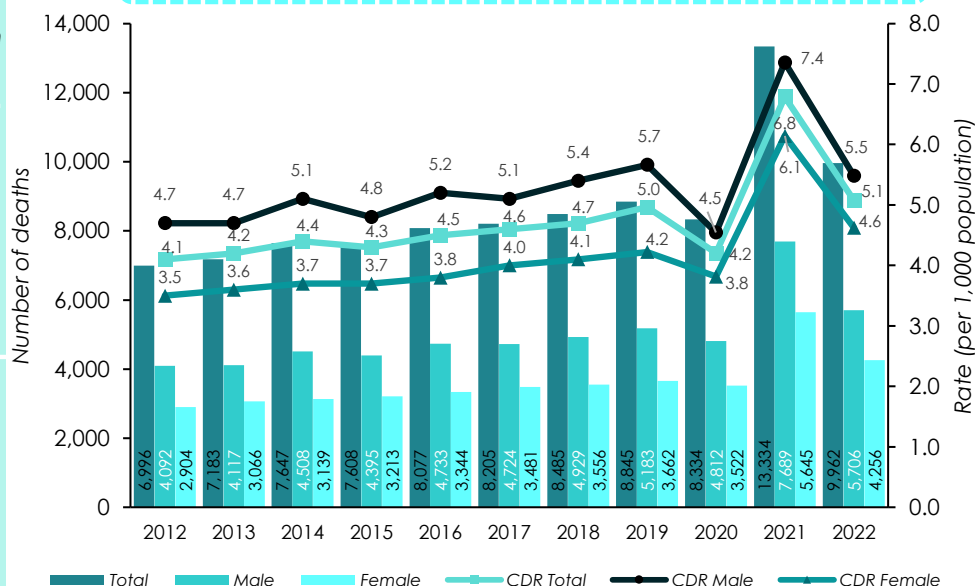
Ectopic pregnancy

33.3%

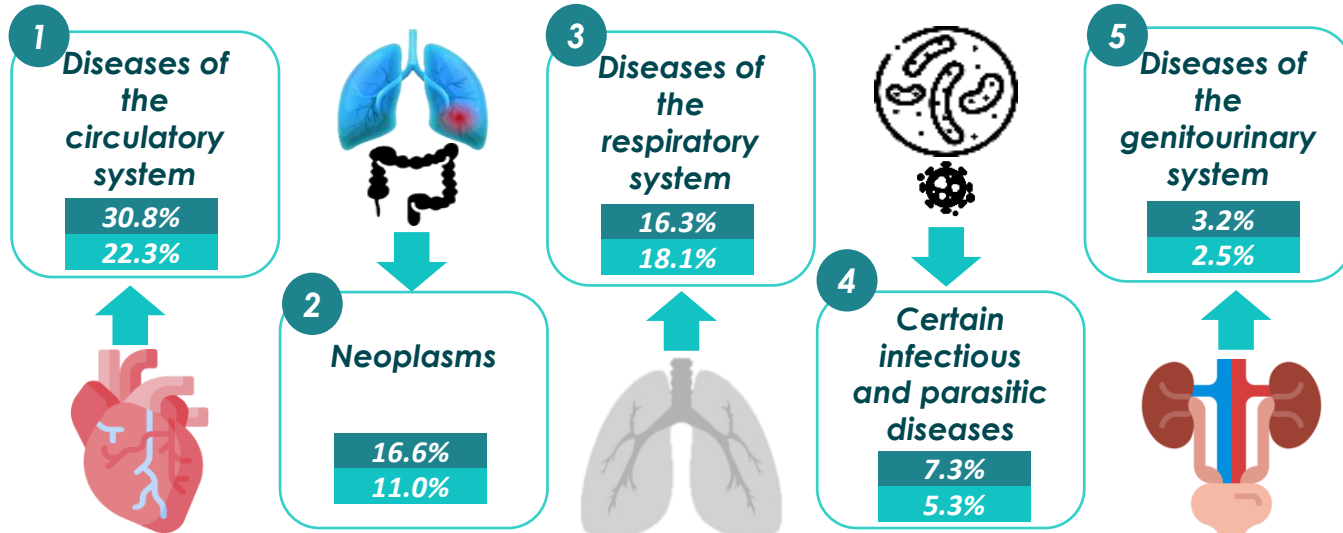
was the principal causes of death for maternal

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), W.P. KUALA LUMPUR, 2012-2022

The number of deaths in 2022 decreased **25.3 per cent** (3,372 deaths) as compared to 2021 (13,334 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 W.P. KUALA LUMPUR, 2022



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, W.P. KUALA LUMPUR, 2022



Malay 2,426 deaths

- 1 Ischaemic heart diseases **16.7%**
- 2 Pneumonia **12.1%**
- 3 Cerebrovascular diseases **7.0%**
- 4 Transport accidents **3.1%**
- 5 COVID-19 infection (due to) **2.7%**



Other Bumiputera 38 deaths

- 1 Ischaemic heart diseases **15.8%**
- 2 Transport accidents **10.5%**
- 3 Cerebrovascular diseases **7.9%**
- 4 Respiratory tuberculosis **5.3%**
- 5 Malignant neoplasm of liver and intrahepatic bile ducts **5.3%**

MAJOR ETHNIC GROUP



Chinese 3,077 deaths

- 1 Ischaemic heart diseases **15.2%**
- 2 Pneumonia **12.9%**
- 3 Cerebrovascular diseases **7.5%**
- 4 Malignant neoplasm of trachea, bronchus and lung **4.2%**
- 5 COVID-19 infection (due to) **2.8%**

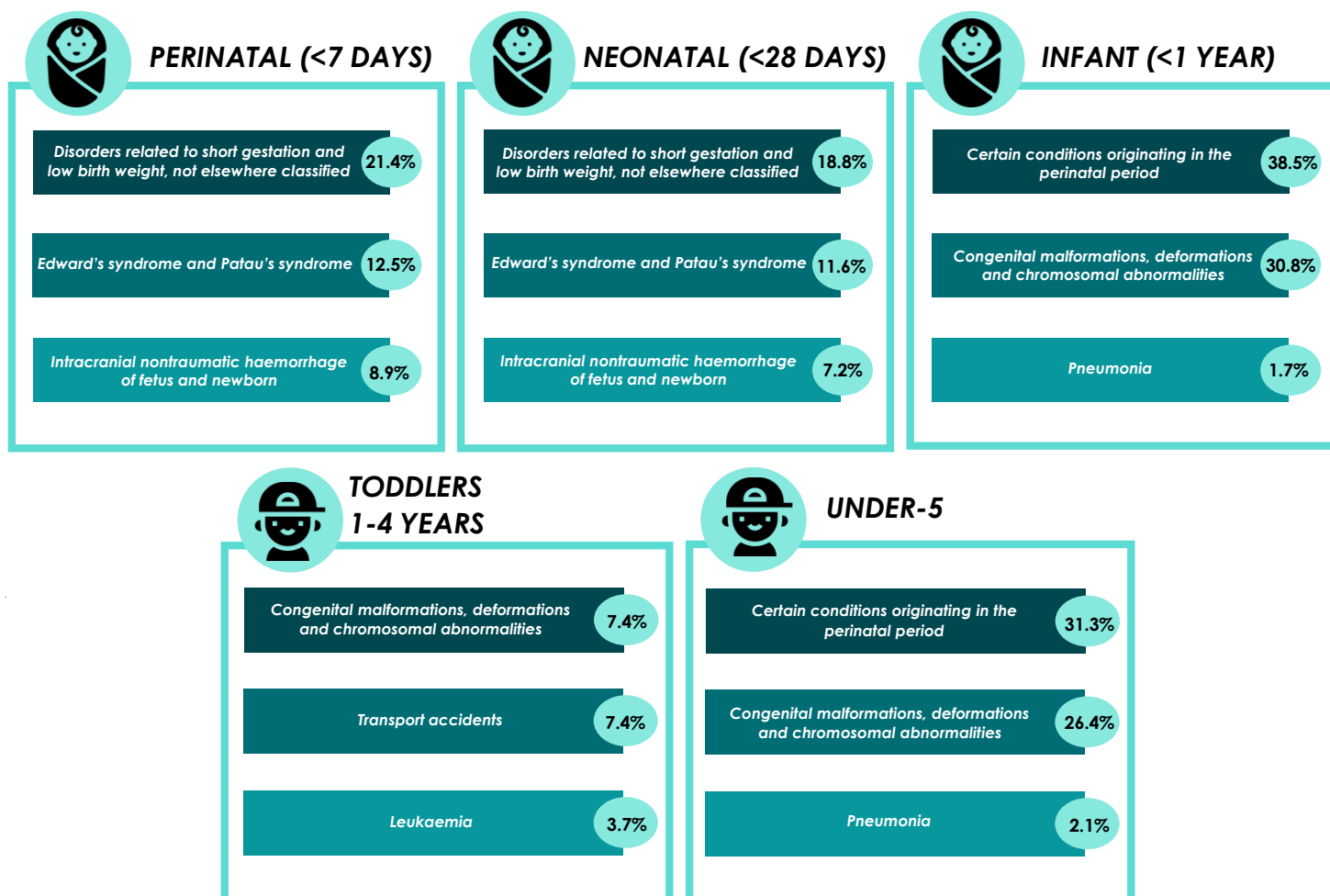


Indians 976 deaths

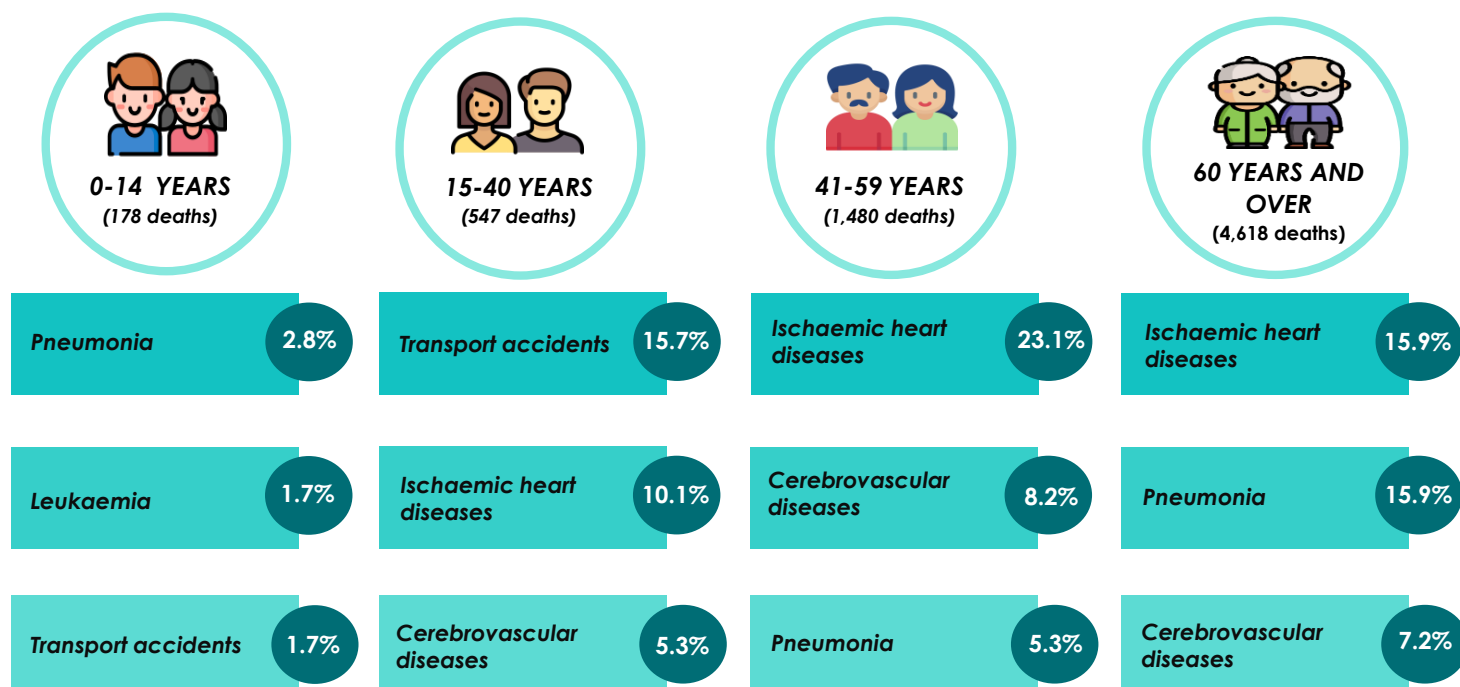
- 1 Ischaemic heart diseases **20.6%**
- 2 Pneumonia **11.1%**
- 3 Cerebrovascular diseases **6.4%**
- 4 Transport accidents **3.6%**
- 5 Diseases of the liver **2.4%**

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, W.P. KUALA LUMPUR, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, W.P. KUALA LUMPUR, 2022



¹The analysis is based on medically certified deaths

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W.P. LABUAN

NUMBER OF DEATHS, W.P. LABUAN, 2022



392
deaths



218 (55.6%)
deaths



174 (44.4%)
deaths

AVERAGE

1 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in W.P. Labuan in 2022

16.5%



Ischaemic heart diseases

20.6%



Pneumonia

14.7%

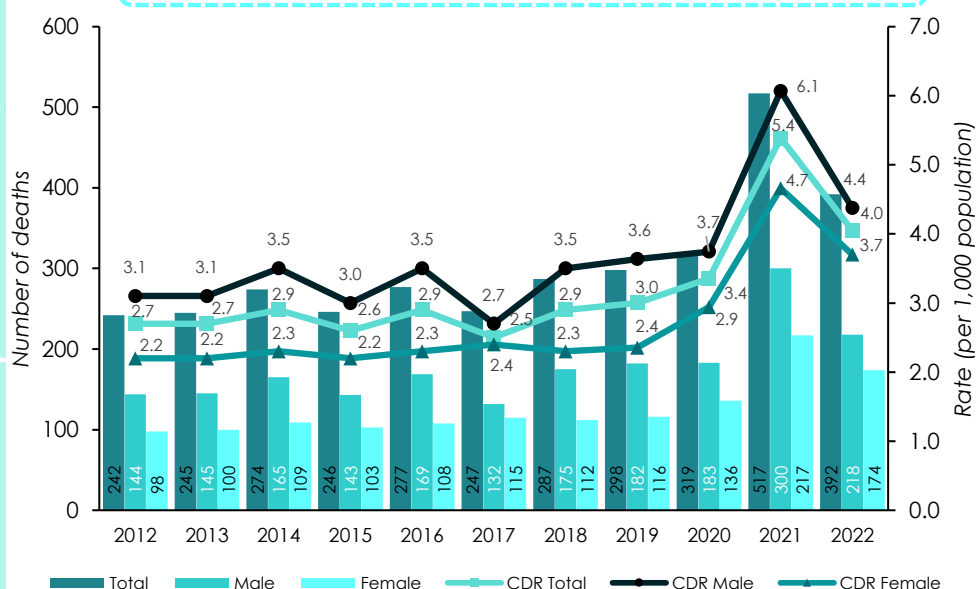


Ectopic pregnancy
was the principal causes of death for maternal

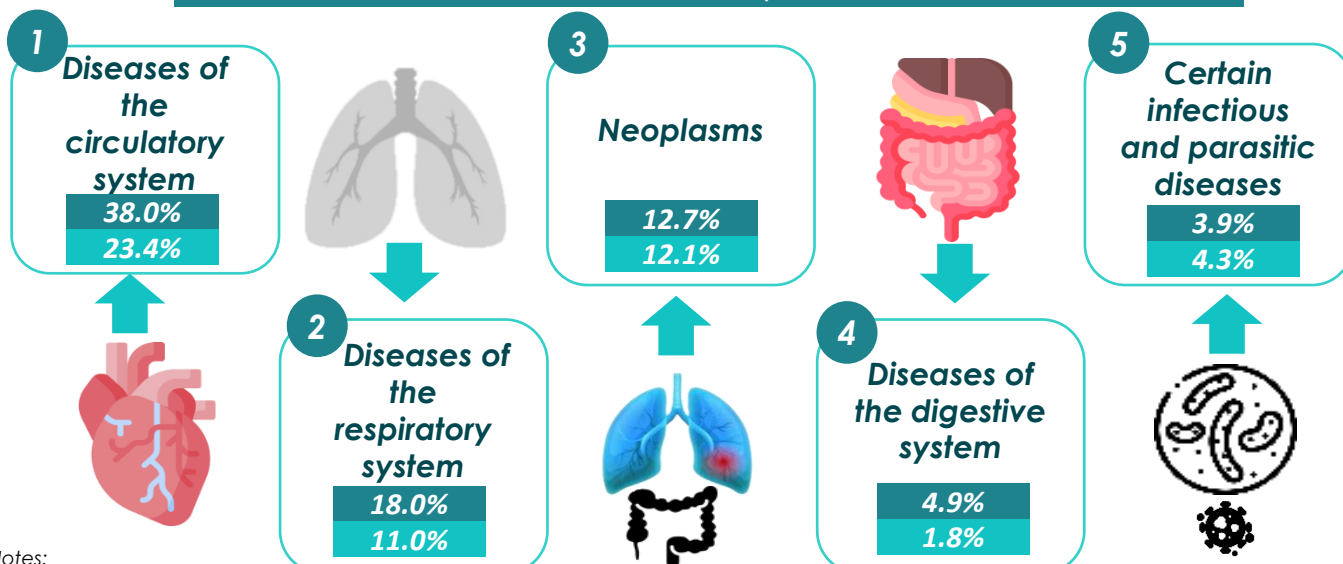
50.0%

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), W.P. LABUAN, 2012-2022

The number of deaths in 2022 decreased **24.2 per cent** (125 deaths) as compared to 2021 (517 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 W.P. LABUAN, 2022



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, W.P. LABUAN, 2022



Malay

109 deaths

- 1 Ischaemic heart diseases **18.3%**
- 2 Pneumonia **10.1%**
- 3 Hypertensive diseases **5.5%**
- 4 Cerebrovascular diseases **5.5%**
- 5 Malignant neoplasm of trachea, bronchus and lung **2.8%**



Other Bumiputera

88 deaths

- 1 Ischaemic heart diseases **13.6%**
- 2 Pneumonia **11.4%**
- 3 Hypertensive diseases **9.1%**
- 4 Diseases of the liver **5.7%**
- 5 Cerebrovascular diseases **4.5%**

MAJOR ETHNIC GROUP



Chinese

59 deaths

- 1 Ischaemic heart diseases **16.9%**
- 2 Pneumonia **16.9%**
- 3 Cerebrovascular diseases **10.2%**
- 4 Hypertensive diseases **8.5%**
- 5 COVID-19 infection (due to) **5.1%**



Indians

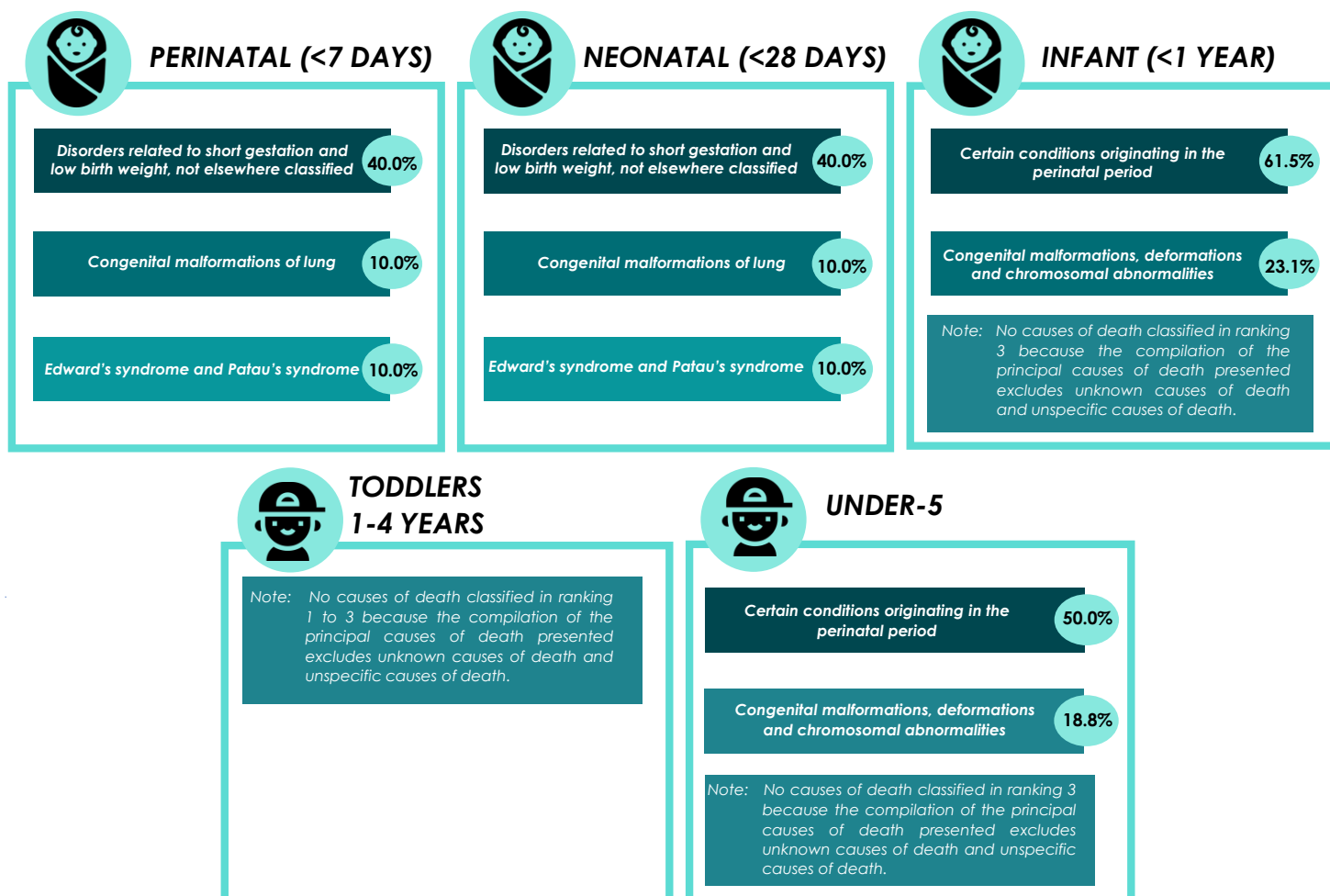
5 deaths

- 1 Ischaemic heart diseases **20.0%**
- 2 Pneumonia **20.0%**
- 3 Chronic lower respiratory diseases **20.0%**

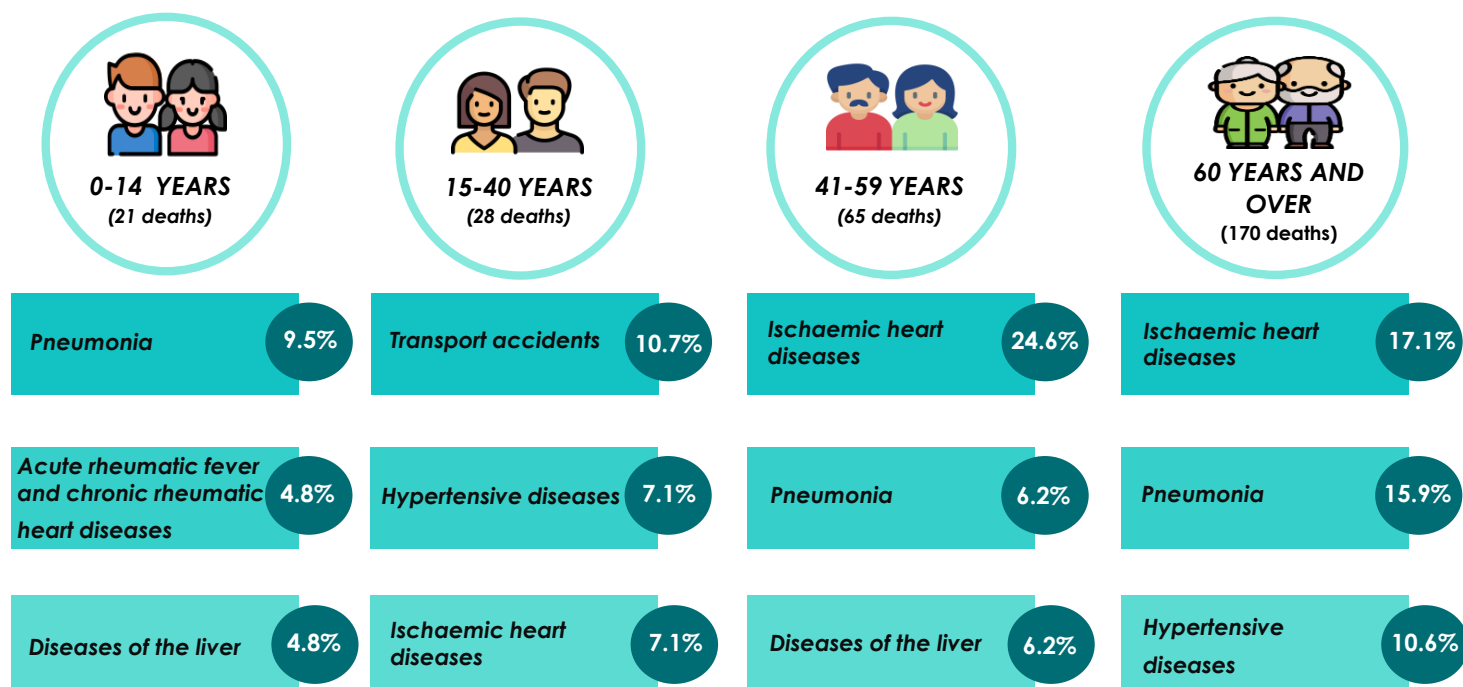
Note: No causes of death classified in ranking 4 to 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, W.P. LABUAN, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, W.P. LABUAN, 2022



¹The analysis is based on medically certified deaths

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W.P. PUTRAJAYA

NUMBER OF DEATHS, W.P. PUTRAJAYA, 2022



253
deaths



139 (54.9%)
deaths



114 (45.1%)
deaths

AVERAGE

1 deaths per day

THE PRINCIPAL CAUSES OF DEATH

Ischaemic heart diseases



was the principal causes of death in W.P. Putrajaya in 2022

16.1%



Ischaemic heart diseases

21.4%

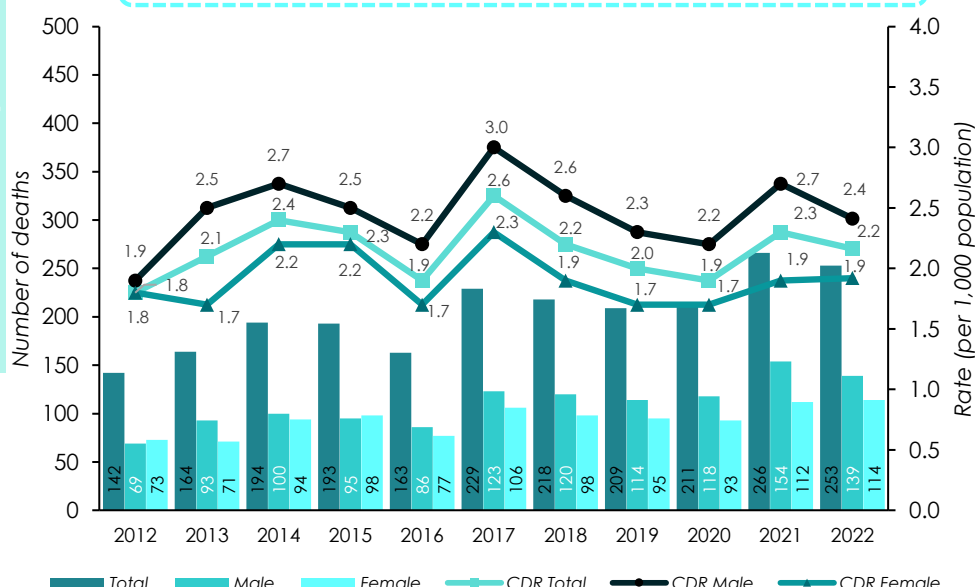


Pneumonia

12.5%

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), W.P. PUTRAJAYA, 2012-2022

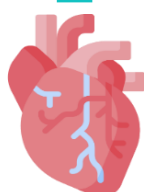
The number of deaths in 2022 decreased **4.9 per cent** (13 deaths) as compared to 2021 (266 deaths)



FIVE PRINCIPAL CAUSES OF DEATH BY CHAPTER ICD-10 W.P. PUTRAJAYA, 2022

1
Diseases of the circulatory system

28.3%
21.9%



2

Neoplasms

16.1%
18.2%

3
Diseases of the respiratory system

14.8%
14.9%



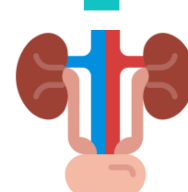
4

Certain infectious and parasitic diseases

7.4%
9.5%

5
Diseases of the genitourinary system

5.2%
3.3%



Notes:

2022
2021

FIVE PRINCIPAL CAUSES OF DEATH¹ BY MAJOR ETHNIC GROUP, W.P. PUTRAJAYA, 2022



Malay 211 deaths

- 1 Ischaemic heart diseases **16.1%**
- 2 Pneumonia **9.5%**
- 3 Cerebrovascular diseases **5.7%**
- 4 Transport accidents **3.3%**
- 5 Hypertensive diseases **2.8%**



Other Bumiputera 3 deaths

- 1 Pneumonia **33.3%**

Note: No causes of death classified in ranking 2 to 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.

MAJOR ETHNIC GROUP



Chinese 4 deaths

- 1 Malignant neoplasm of ovary **25.0%**
- 2 Pneumonia **25.0%**

Note: No causes of death classified in ranking 3 to 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.



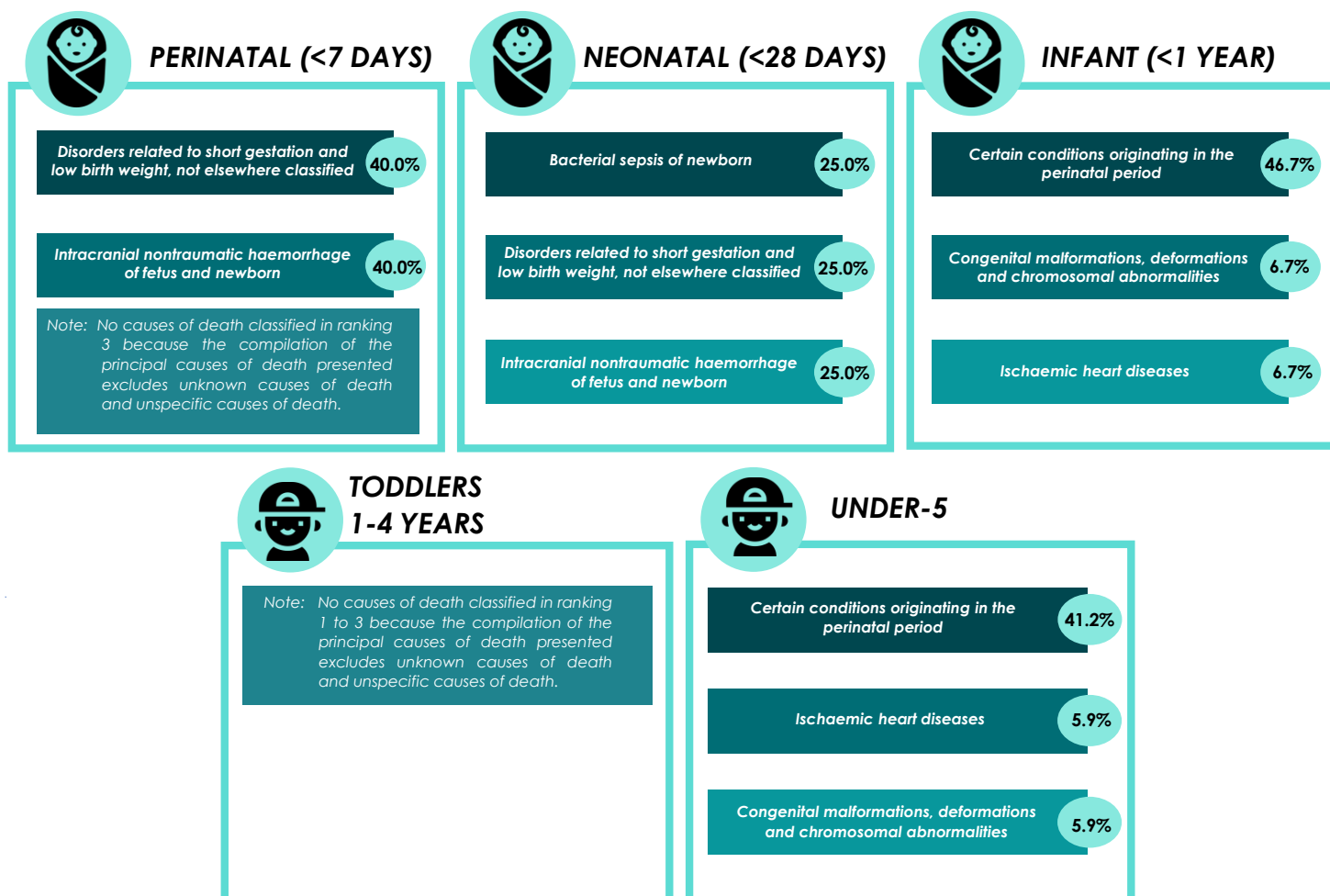
Indians 8 deaths

- 1 Diabetes mellitus **12.5%**
- 2 Ischaemic heart diseases **12.5%**
- 3 Pneumonia **12.5%**
- 4 Chronic lower respiratory diseases **12.5%**

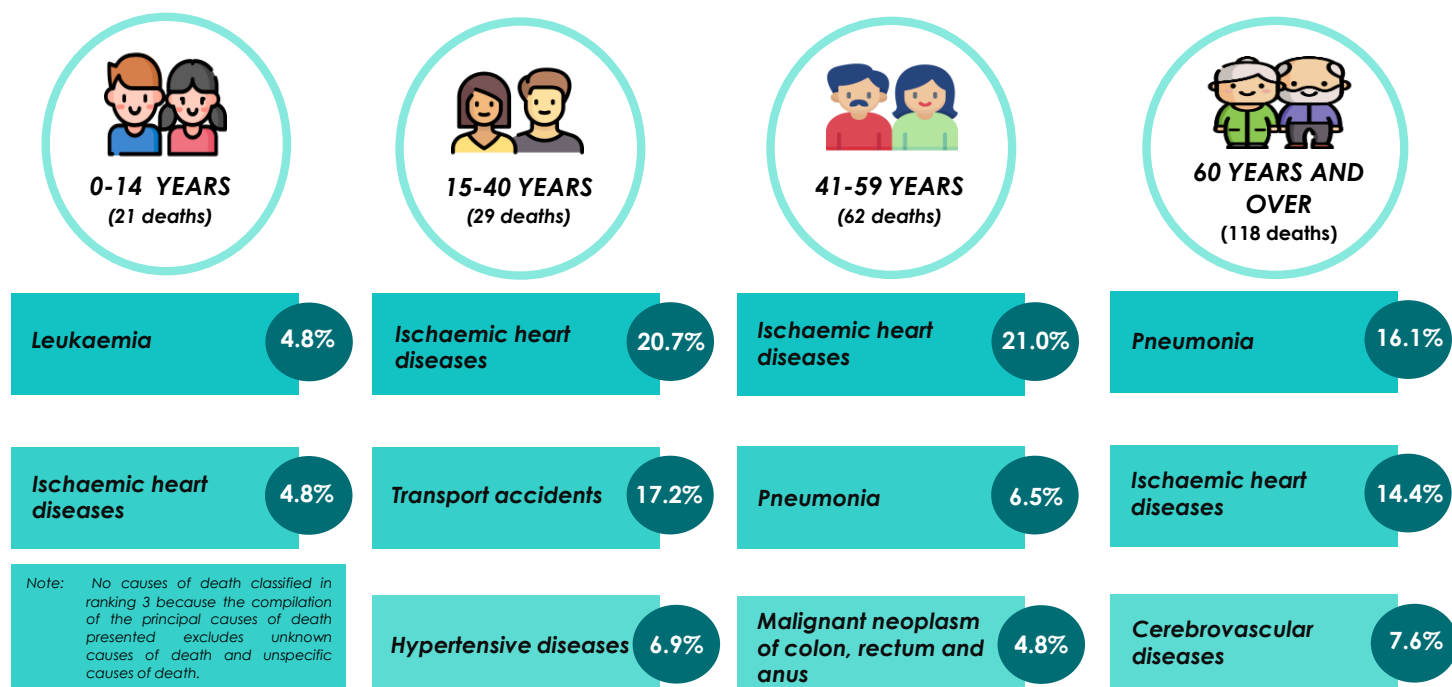
Note: No causes of death classified in ranking 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.

¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, W.P. PUTRAJAYA, 2022



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, W.P. PUTRAJAYA, 2022



¹The analysis is based on medically certified deaths

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RINGKASAN PENEMUAN



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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1. PENGENALAN

Perangkaan Sebab Kematian, Malaysia, 2023 membentangkan statistik sebab kematian utama mengikut pengelasan bagi tahun 2022. Jabatan Perangkaan Malaysia (DOSM) menggunakan *International Statistical Classification of Diseases and Related Health Problems, 10th Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010) untuk mengklasifikasikan sebab kematian.

Statistik yang dilaporkan di dalam penerbitan ini merujuk kepada rekod kematian yang didaftarkan di Jabatan Pendaftaran Negara. Semua indikator demografi yang melibatkan data penduduk bagi tahun 2020 hingga 2022 telah disemak semula berdasarkan data Banci Penduduk dan Perumahan Malaysia 2020 (Banci Malaysia 2020). Manakala indikator bagi tahun 2011 hingga 2019 adalah berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010 dan akan disemak semula.

Pengelasan terdiri daripada sebab kematian yang disahkan secara perubatan dan tidak disahkan secara perubatan seperti berikut:

a. Disahkan secara perubatan

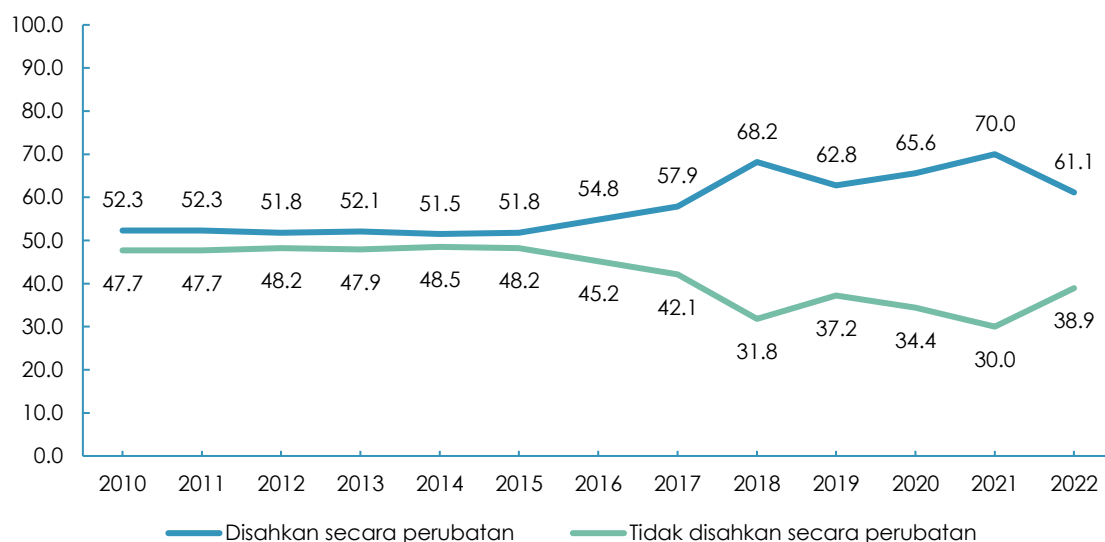
Pengesahan yang dibuat oleh pegawai perubatan dan koroner sahaja.

b. Tidak disahkan secara perubatan

Pengesahan yang dibuat oleh pengesah yang tidak mempunyai kelayakan perubatan seperti orang perseorangan atau polis.

Mulai tahun 2018, Kementerian Kesihatan Malaysia (KKM) telah melaksanakan verifikasi data sebab kematian yang tidak disahkan secara perubatan di Malaysia untuk meningkatkan peratusan sebab kematian yang disahkan secara perubatan. Pada 2022, 61.1 peratus daripada 206,525 kematian merupakan kematian yang disahkan secara perubatan manakala 38.9 peratus adalah kematian yang tidak disahkan secara perubatan (Carta 1). Ringkasan penemuan ini membentangkan sebab kematian utama yang disahkan secara perubatan bagi 2022 di Malaysia.

Carta 1: Peratus sebab kematian disahkan secara perubatan dan tidak disahkan secara perubatan, Malaysia, 2010 hingga 2022



2. PENEMUAN UTAMA STATISTIK SEBAB KEMATIAN

- Bilangan kematian pada 2022 menurun 8.0 peratus daripada 224,569 kematian (2021) kepada 206,525 kematian. Daripada jumlah tersebut, 61.1 peratus (126,268) adalah disahkan secara perubatan.
- Ischaemic heart diseases* merupakan sebab kematian utama di Malaysia pada 2022 iaitu 20,322 kematian (16.1%).
- Ischaemic heart diseases* dan *Pneumonia* adalah sebab kematian utama bagi lelaki dan perempuan dengan masing-masing merekodkan 13,817 dan 7,201 kematian.
- Sebab kematian utama bagi semua etnik utama di Malaysia pada tahun 2022 adalah *Ischaemic heart diseases* kecuali Bumiputera Lain yang merekodkan *Pneumonia* sebagai sebab kematian utama.
- Kumpulan umur 0-14 dan 65 tahun dan lebih merekodkan *Pneumonia* sebagai sebab kematian utama manakala kumpulan umur 15-64 tahun merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama.
- Semua negeri merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama kecuali Sabah dan Sarawak yang merekodkan *Pneumonia* sebagai sebab kematian utama.

3. KEMATIAN

Bilangan kematian menurun 8.0 peratus pada tahun 2022

Bilangan kematian pada 2022 menurun 8.0 peratus daripada 224,569 kematian (2021) kepada 206,525 kematian. Bilangan kematian bagi lelaki menurun 7.8 peratus daripada 127,824 kepada 117,790 kematian dan kematian perempuan menurun 8.3 peratus daripada 96,745 kepada 88,735 kematian. Kadar kematian kasar (CDR) menurun daripada 6.9 (2021) kepada 6.3 kematian bagi setiap seribu penduduk pada 2022.

Jadual 1: Bilangan kematian mengikut jantina, Malaysia, 2021 dan 2022

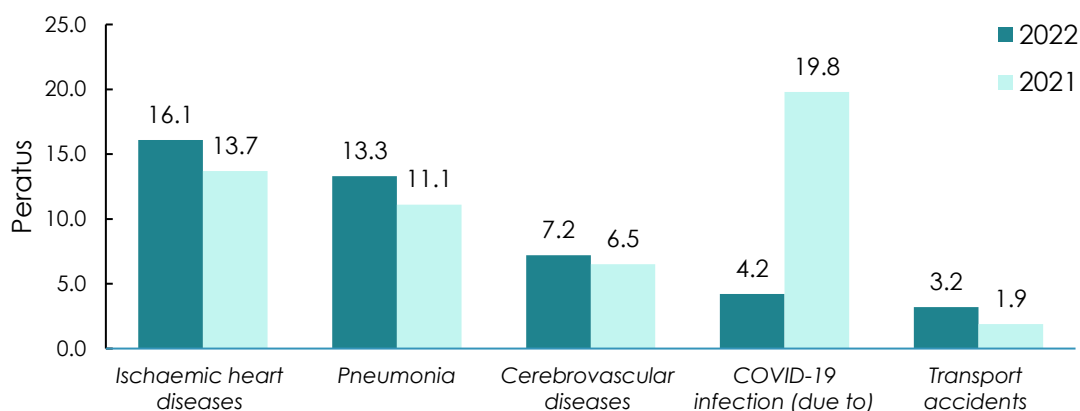
Tahun	Bilangan			Kadar (bagi setiap 1,000 penduduk)		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
2022	206,525	117,790	88,735	6.3	6.9	5.7
2021	224,569	127,824	96,745	6.9	7.5	6.2

4. SEBAB KEMATIAN

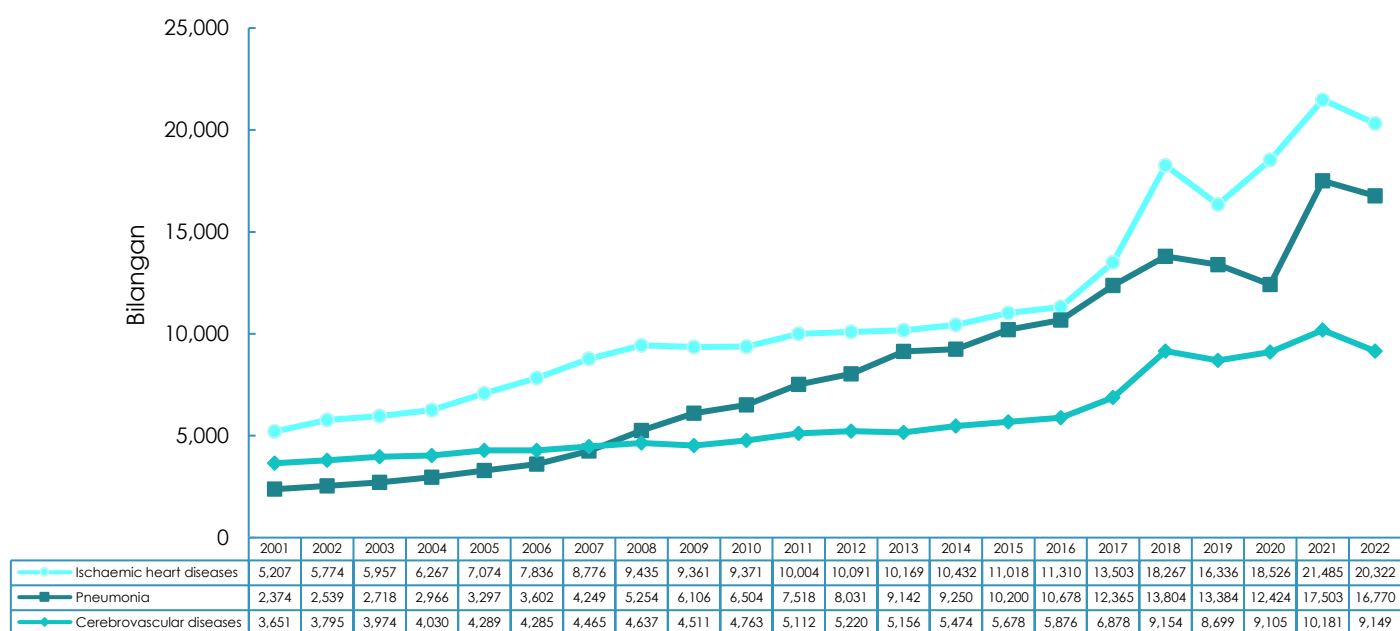
a. Lima sebab kematian utama

***Ischaemic heart diseases* merupakan sebab kematian utama di Malaysia**

Ischaemic heart diseases merupakan sebab kematian utama pada 2022, iaitu 20,322 (16.1%) daripada 126,268 sebab kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (13.3%), *Cerebrovascular diseases* (7.2%), *COVID-19 infection (due to)* (4.2%) dan *Transport accidents* (3.2%) (Carta 2).

Carta 2: Lima sebab kematian utama, Malaysia, 2021 dan 2022

Ischaemic heart diseases kekal sebagai sebab kematian utama di Malaysia selama dua dekad kecuali pada 2021 yang merekodkan *COVID-19 infection (due to)* sebagai sebab kematian utama. Bagi tempoh 2001 hingga 2022, *Ischaemic heart diseases* meningkat daripada 5,207 kematian (11.6%) pada 2001 kepada 20,322 kematian (16.1%) pada 2022. *Pneumonia* dan *Cerebrovascular diseases* turut meningkat masing-masing daripada 2,374 dan 3,651 pada 2001 kepada 16,770 dan 9,149 pada 2022.

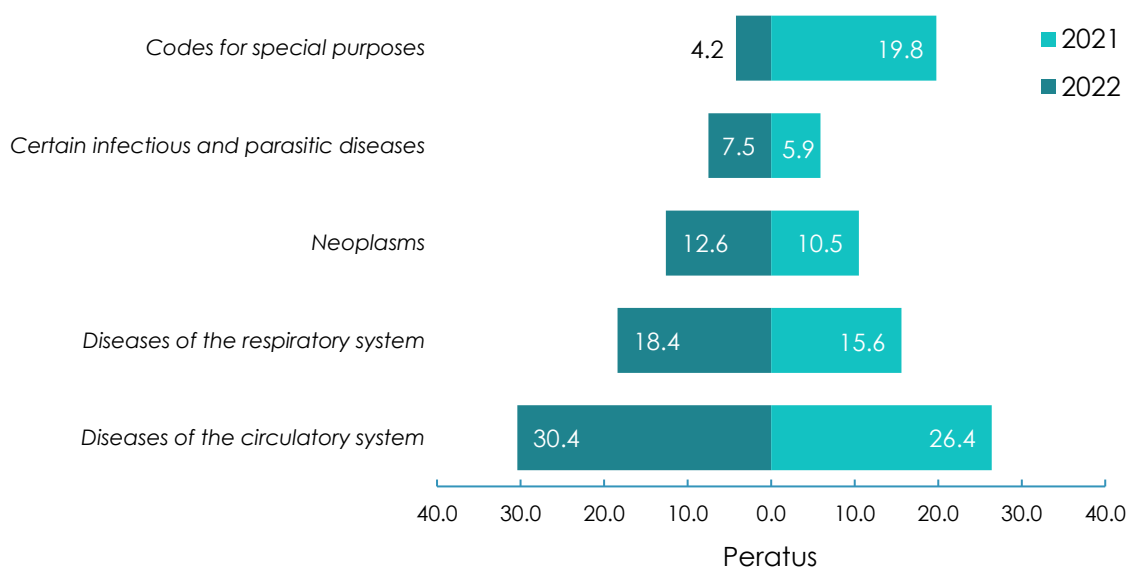
Carta 3: Trend siri masa tiga sebab kematian utama terpilih, Malaysia, 2001-2022

b. Lima sebab kematian utama mengikut Bab ICD-10

***Diseases of the circulatory system* kekal sebagai sebab kematian utama mengikut Bab ICD-10**

Diseases of the circulatory system kekal sebagai sebab kematian utama mengikut Bab ICD-10 pada 2022 dengan 30.4 peratus diikuti *Diseases of the respiratory system* (18.4%), *Neoplasms* (12.6%), *Certain infectious and parasitic diseases* (7.5%) dan *Codes for special purposes* (4.2%).

Carta 4: Lima sebab kematian utama mengikut Bab ICD-10, Malaysia, 2021 dan 2022



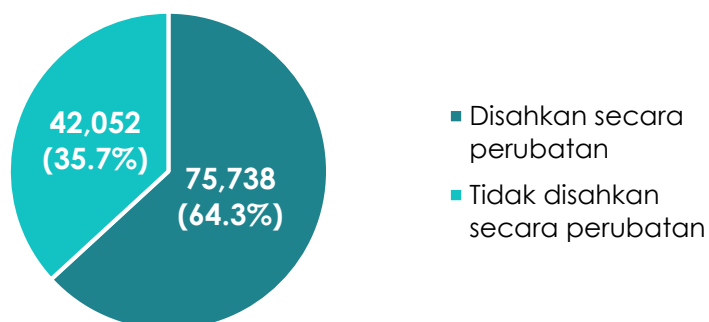
c. Lima sebab kematian utama mengikut jantina

i. *Ischaemic heart diseases* menjadi sebab kematian utama bagi lelaki

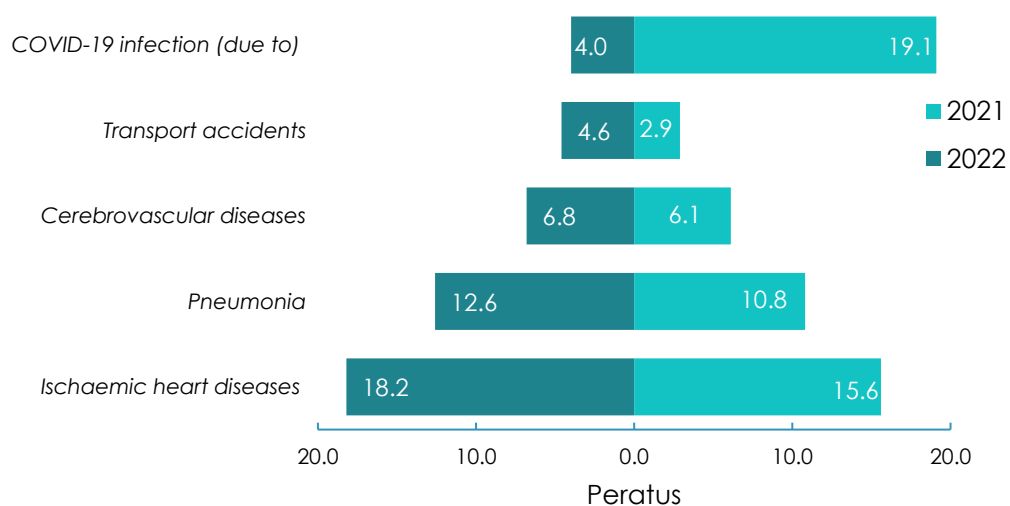
Lelaki merekodkan bilangan kematian sebanyak 117,790 kematian pada 2022 iaitu 64.3 peratus (75,738) merupakan kematian yang disahkan secara perubatan manakala 35.7 peratus (42,052) adalah kematian yang tidak disahkan secara perubatan (Carta 5). *Ischaemic heart diseases* menjadi sebab kematian utama bagi lelaki dengan 18.2 peratus daripada 75,738 sebab kematian yang disahkan

secara perubatan. Ini diikuti oleh *Pneumonia* (12.6%), *Cerebrovascular diseases* (6.8%), *Transport accidents* (4.6%) dan *COVID-19 infection (due to)* (4.0%).

Carta 5: Klasifikasi sebab kematian bagi lelaki, Malaysia, 2022



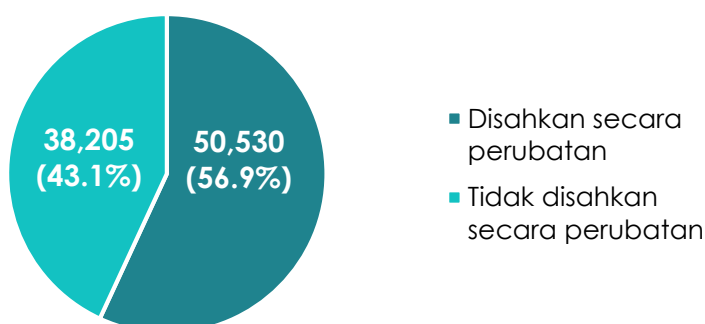
Carta 6: Lima sebab kematian utama bagi lelaki, Malaysia, 2021 dan 2022



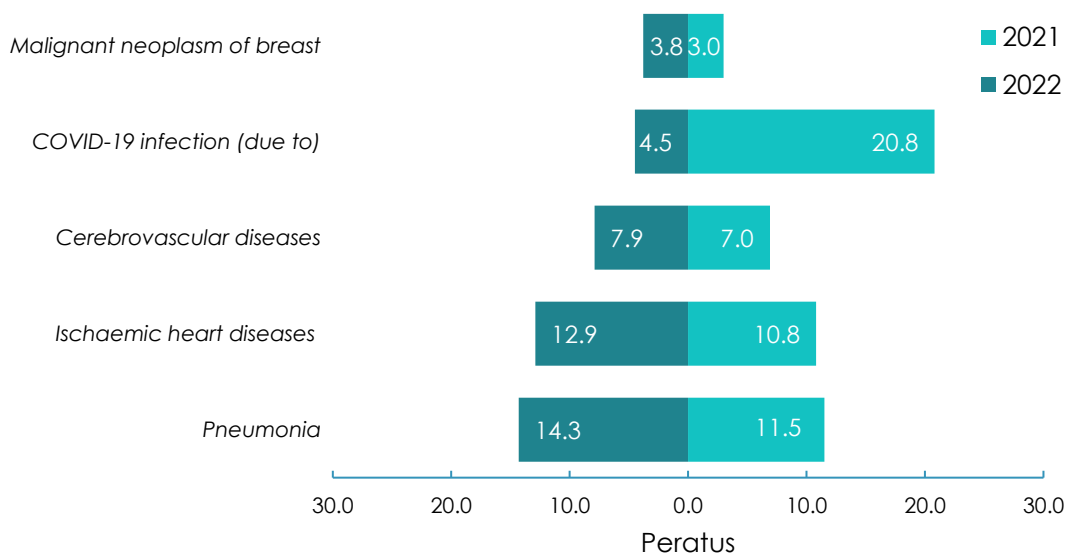
ii. *Pneumonia* menjadi sebab kematian utama bagi perempuan

Perempuan merekodkan kematian sebanyak 88,735 kematian pada 2022 iaitu 56.9 peratus (50,530) merupakan kematian yang disahkan secara perubatan manakala 43.1 peratus (38,205) adalah kematian yang tidak disahkan secara perubatan. *Pneumonia* menjadi sebab kematian utama bagi perempuan dengan 14.3 peratus daripada 50,530 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (12.9%), *Cerebrovascular diseases* (7.9%) *COVID-19 infection (due to)* (4.5%) dan *Malignant neoplasm of breast* (3.8%).

Carta 7: Klasifikasi sebab kematian bagi perempuan, Malaysia, 2022



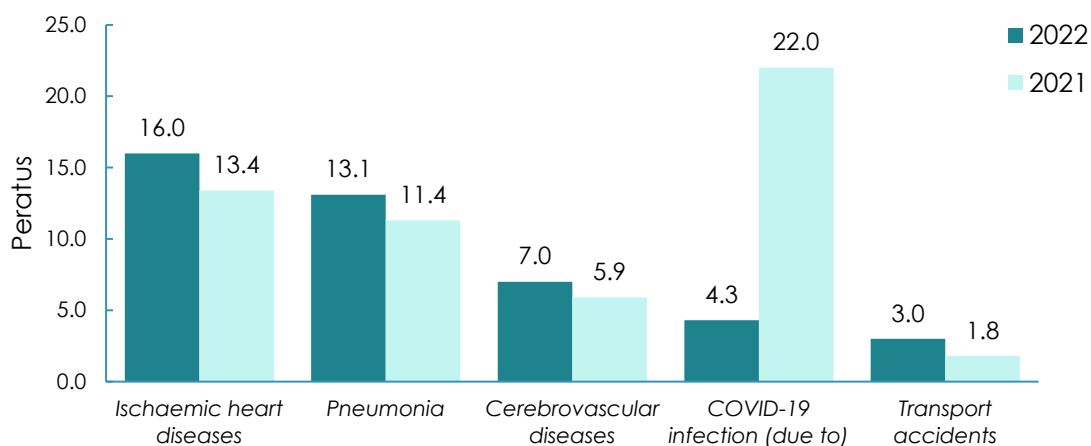
Carta 8: Lima sebab kematian utama bagi perempuan, Malaysia, 2021 dan 2022



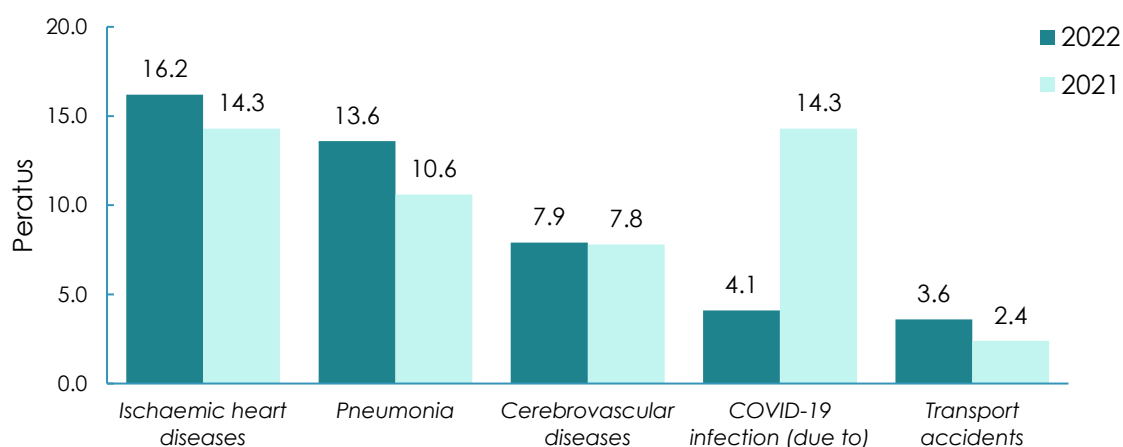
d. Lima sebab kematian utama mengikut strata

Sebab kematian utama bagi bandar dan luar bandar pada 2022 adalah *Ischaemic heart diseases* iaitu masing-masing merekodkan 16.0 peratus dan 16.2 peratus.

Carta 9: Lima sebab kematian utama mengikut strata (bandar), Malaysia, 2021 dan 2022



Carta 10: Lima sebab kematian utama mengikut strata (luar bandar), Malaysia, 2021 dan 2022

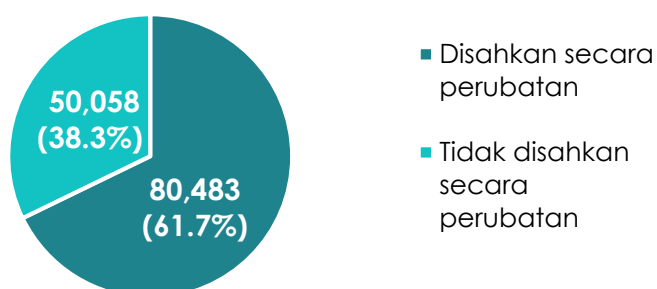


e. Lima sebab kematian utama mengikut kumpulan etnik utama

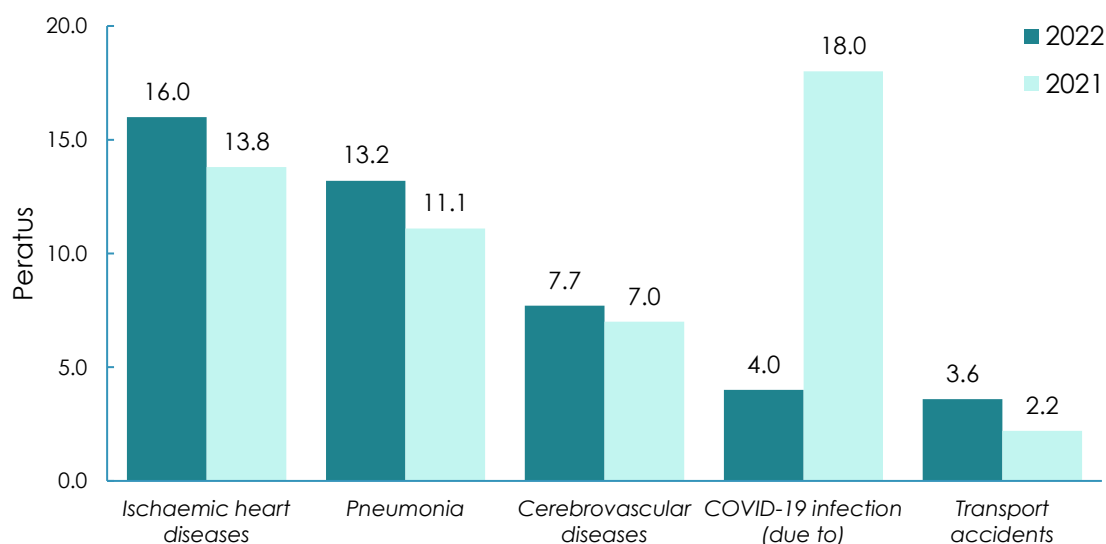
i. *Ischaemic heart diseases* menjadi sebab kematian utama bagi Bumiputera

Bumiputera terdiri daripada Melayu dan Bumiputera Lain. Bumiputera merekodkan kematian sebanyak 130,541 kematian yang mana 61.7 peratus (80,483) merupakan kematian yang disahkan secara perubatan manakala 38.3 peratus (50,058) adalah kematian yang tidak disahkan secara perubatan pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi Bumiputera iaitu 16.0 peratus daripada 80,483 sebab kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (13.2%), *Cerebrovascular diseases* (7.7%), *COVID-19 infection (due to)* (4.0%) dan *Transport accidents* (3.6%).

Carta 11: Klasifikasi sebab kematian bagi Bumiputera, Malaysia, 2022



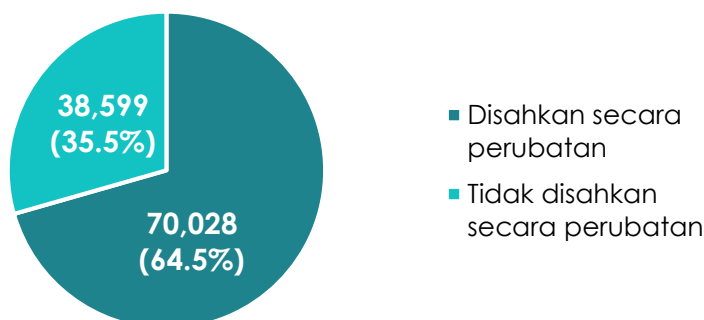
Carta 12: Lima sebab kematian utama bagi Bumiputera, Malaysia, 2021 dan 2022



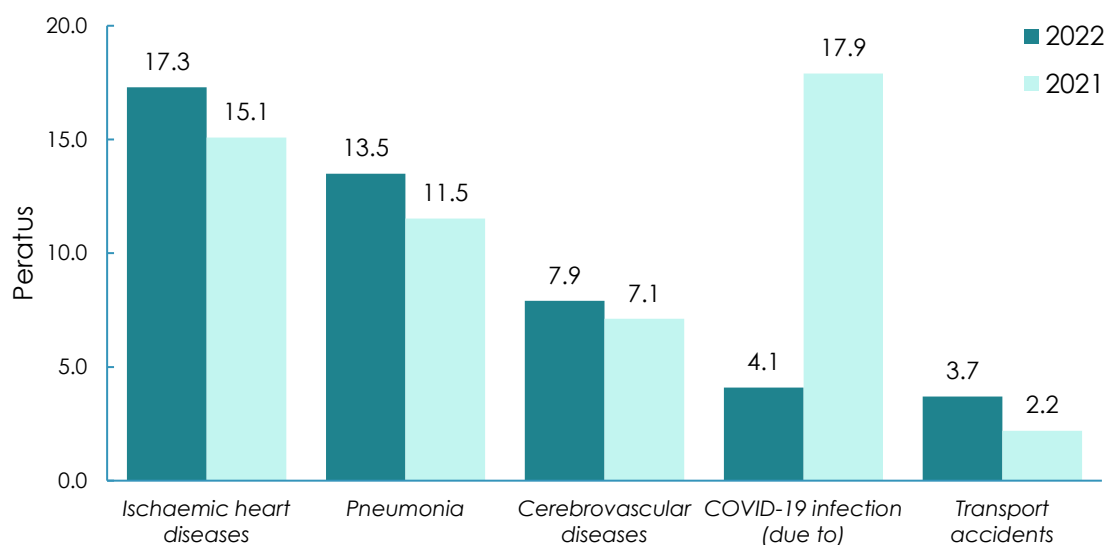
ii. ***Ischaemic heart diseases* menjadi sebab kematian utama bagi Melayu**

Melayu merekodkan kematian sebanyak 108,627 kematian yang mana 64.5 peratus (70,028) merupakan kematian yang disahkan secara perubatan manakala 35.5 peratus (38,599) adalah kematian yang tidak disahkan secara perubatan pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi Melayu iaitu 17.3 peratus daripada 70,028 sebab kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (13.5%), *Cerebrovascular diseases* (7.9%), *COVID-19 infection (due to)* (4.1%) dan *Transport accidents* (3.7%).

Carta 13: Klasifikasi sebab kematian bagi Melayu, Malaysia, 2022



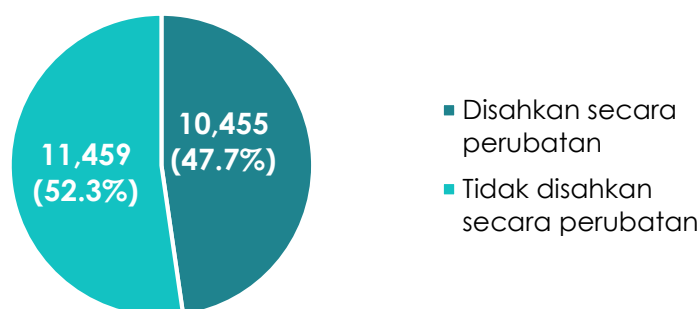
Carta 14: Lima sebab kematian utama bagi Melayu, Malaysia, 2021 dan 2022



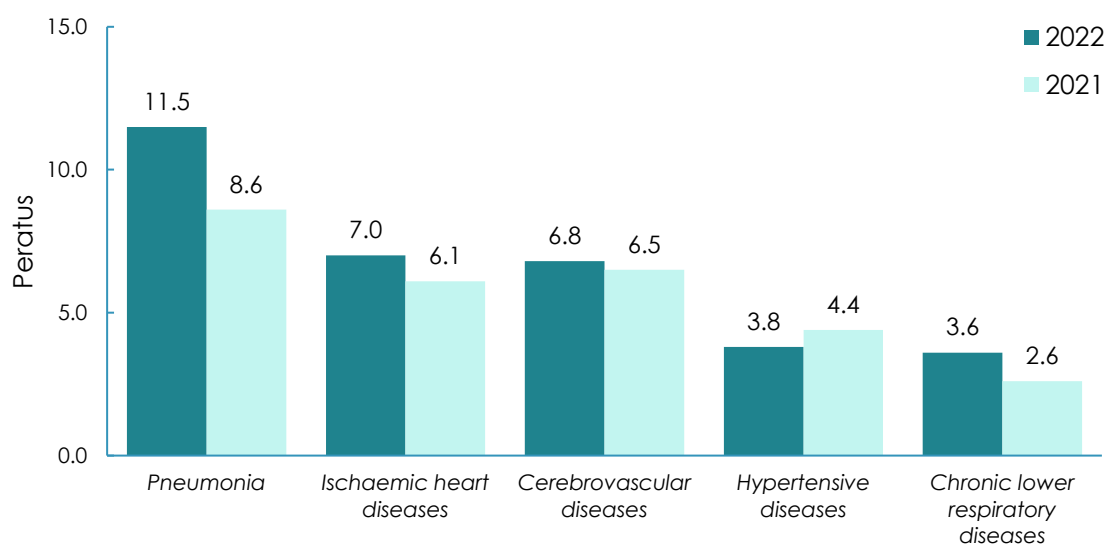
iii. ***Pneumonia* menjadi sebab kematian utama bagi Bumiputera Lain**

Bumiputera Lain merekodkan kematian sebanyak 21,914 kematian iaitu 47.7 peratus (10,455) merupakan kematian yang disahkan secara perubatan manakala 52.3 peratus (11,459) adalah kematian yang tidak disahkan secara perubatan pada 2022. *Pneumonia* menjadi sebab kematian utama bagi Bumiputera Lain iaitu 11.5 peratus daripada 10,455 sebab kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (7.0%), *Cerebrovascular diseases* (6.8%), *Hypertensive diseases* (3.8%) dan *Chronic lower respiratory diseases* (3.6%).

Carta 15: Klasifikasi sebab kematian bagi Bumiputera Lain, Malaysia, 2022



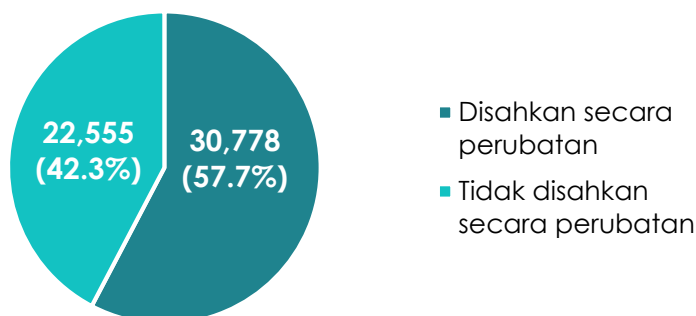
Carta 16: Lima sebab kematian utama bagi Bumiputera Lain, Malaysia, 2021 dan 2022



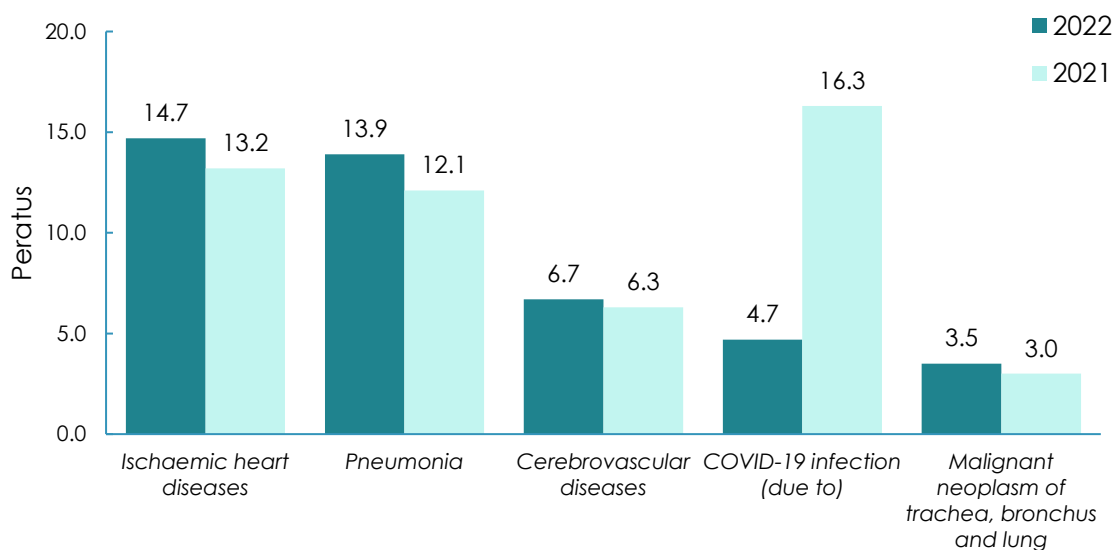
iv. ***Ischaemic heart diseases* merupakan sebab kematian utama bagi Cina**

Cina merekodkan kematian sebanyak 53,333 kematian yang mana 57.7 peratus (30,778) merupakan kematian yang disahkan secara perubatan manakala 42.3 peratus (22,555) adalah kematian yang tidak disahkan secara perubatan pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi Cina dengan 14.7 peratus daripada 30,778 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (13.9%), *Cerebrovascular diseases* (6.7%), *COVID-19 infection (due to)* (4.7%) dan *Malignant neoplasm of trachea, bronchus and lung* (3.5%).

Carta 17: Klasifikasi sebab kematian bagi Cina, Malaysia, 2022



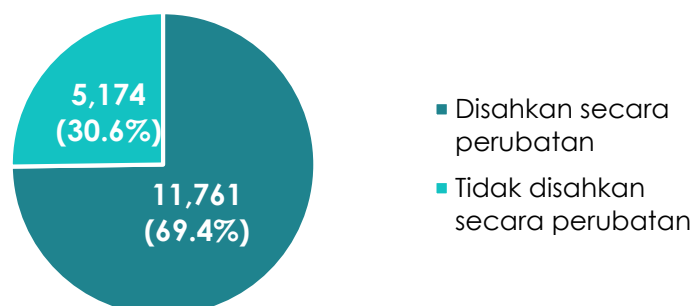
Carta 18: Lima sebab kematian utama bagi Cina, Malaysia, 2021 dan 2022



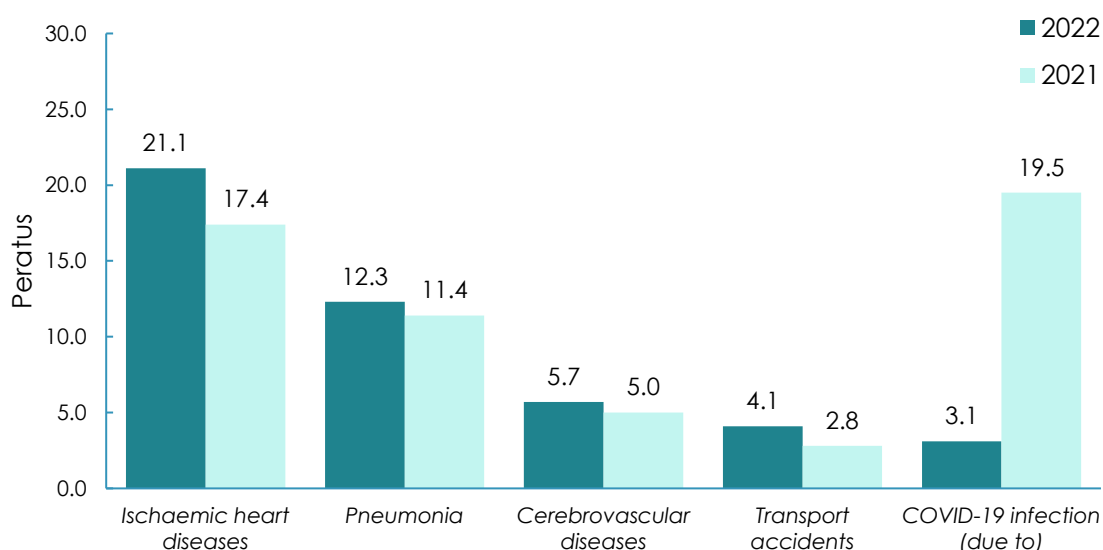
v. ***Ischaemic heart diseases* merupakan sebab kematian utama bagi India**

India merekodkan kematian sebanyak 16,935 kematian yang mana 69.4 peratus (11,761) daripadanya merupakan kematian yang disahkan secara perubatan manakala 30.6 peratus (5,174) adalah kematian yang tidak disahkan secara perubatan pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi India iaitu 21.1 peratus daripada 11,761 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (12.3%), *Cerebrovascular diseases* (5.7%), *Transport accidents* (4.1%) dan *COVID-19 infection (due to)* (3.1%).

Carta 19: Klasifikasi sebab kematian bagi India, Malaysia, 2022



Carta 20: Lima sebab kematian utama bagi India, Malaysia, 2021 dan 2022

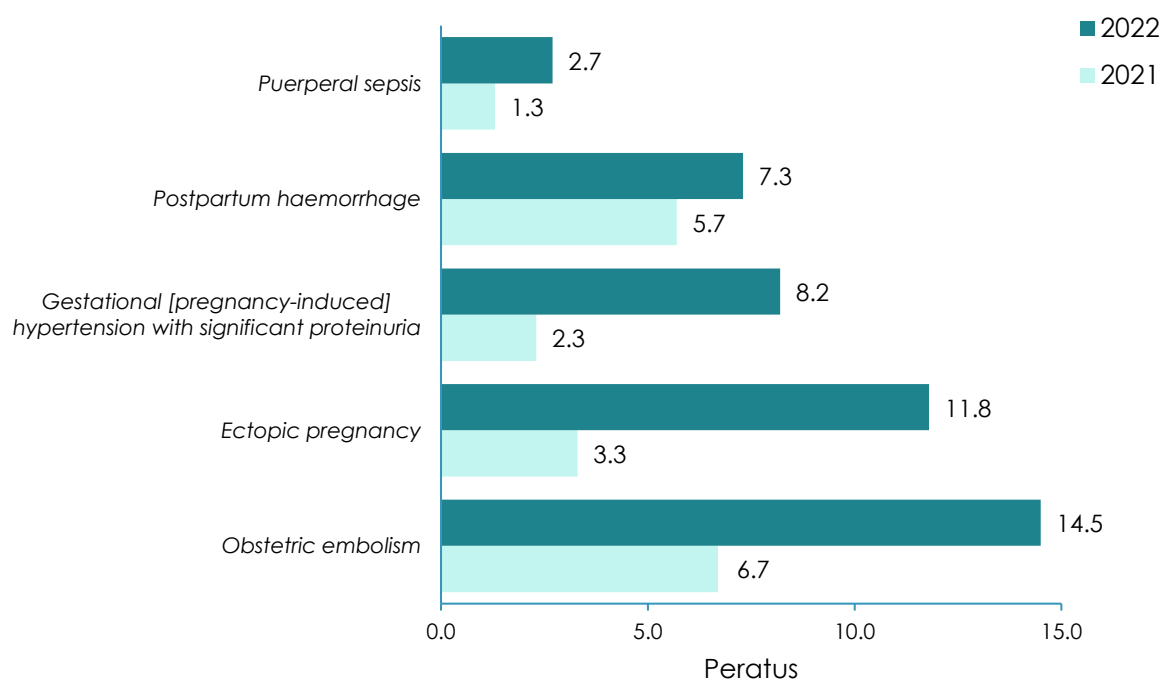


f. Lima sebab kematian utama bagi ibu bersalin

***Obstetric embolism* dicatatkan sebagai sebab kematian utama bagi ibu bersalin**

Kematian ibu bersalin menurun daripada 300 (2021) kepada 110 kematian pada 2022. Nisbah mortaliti ibu bersalin turut menunjukkan penurunan daripada 68.2 (2021) kepada 26.0 bagi setiap 100,000 kelahiran hidup. *Obstetric embolism* merupakan sebab kematian utama bagi ibu bersalin pada 2022 dengan 14.5 peratus diikuti *Ectopic pregnancy* (11.8%), *Gestational [pregnancy-induced] hypertension with significant proteinuria* (8.2%), *Postpartum haemorrhage* (7.3%) dan *Puerperal sepsis* (2.7%).

Carta 21: Lima sebab kematian utama bagi ibu bersalin, Malaysia, 2021 dan 2022



g. Lima sebab kematian utama bagi bayi

***Certain conditions originating in the perinatal period* kekal sebagai sebab utama kematian bagi bayi**

Bilangan kematian bayi pada 2022 meningkat kepada 2,871 kematian daripada 2,704 kematian pada 2021. *Certain conditions originating in the perinatal period* kekal sebagai sebab kematian utama bagi bayi pada 2022 dengan 42.4 peratus diikuti *Congenital malformations, deformations and chromosomal abnormalities* (28.7%), *Pneumonia* (2.6%), *COVID-19 infection (due to)* (1.0%) dan *Meningitis* (0.7%).

Carta 22: Lima sebab kematian utama bagi bayi, Malaysia, 2021 dan 2022

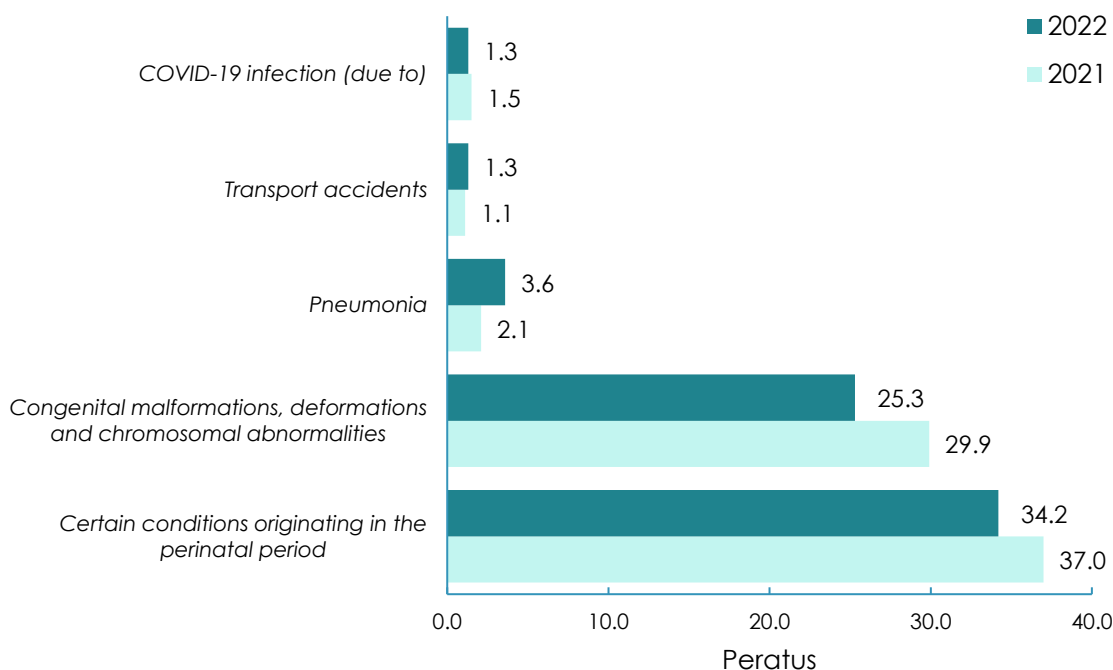


h. Lima sebab kematian utama bagi kematian kanak-kanak kurang daripada lima tahun

***Certain conditions originating in the perinatal period* kekal menjadi sebab kematian utama bagi kanak-kanak kurang daripada lima tahun**

Kematian kanak-kanak kurang daripada lima tahun meningkat daripada 3,245 kematian (2021) kepada 3,655 kematian pada 2022. *Certain conditions originating in the perinatal period* kekal menjadi sebab kematian utama bagi kanak-kanak kurang daripada lima tahun pada 2022 dengan 34.2 peratus diikuti *Congenital malformations, deformations and chromosomal abnormalities* (25.3%), *Pneumonia* (3.6%), *Transport accidents* (1.3%) dan *COVID-19 infection (due to)* (1.3%).

Carta 23: Lima sebab kematian utama bagi kanak-kanak kurang daripada lima tahun, Malaysia, 2021 dan 2022



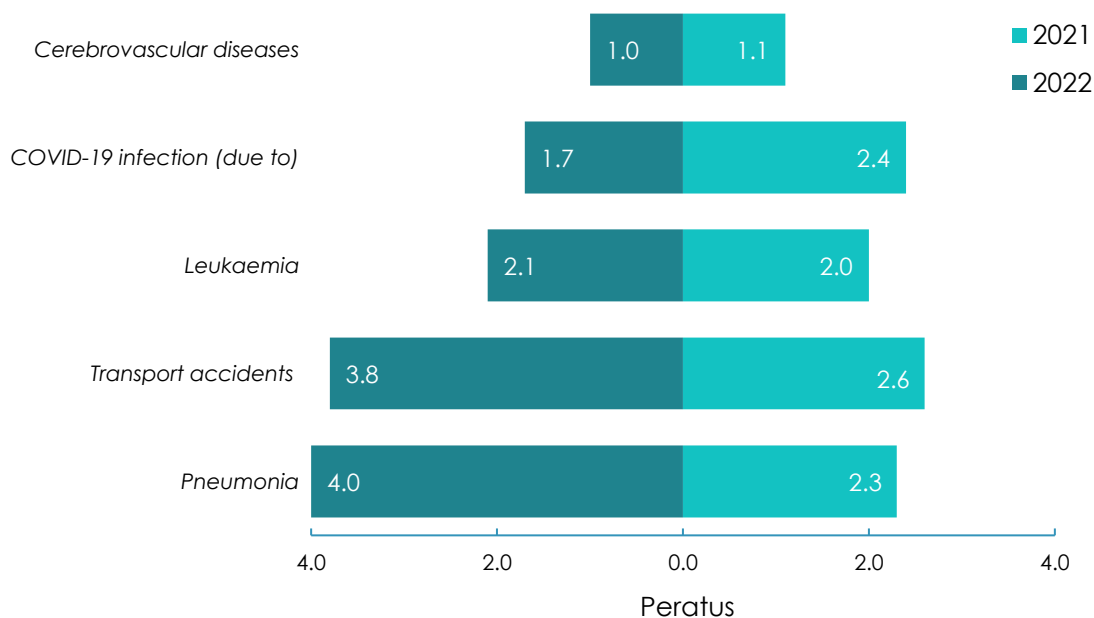
i. Lima sebab kematian utama mengikut kumpulan umur terpilih

i. Penduduk berumur 0 hingga 14 tahun

***Pneumonia* adalah sebab kematian utama bagi penduduk berumur 0 hingga 14 tahun**

Kematian penduduk berumur 0 hingga 14 tahun meningkat daripada 4,115 kematian kepada 4,754 kematian pada 2022. *Pneumonia* adalah sebab kematian utama bagi penduduk berumur 0 hingga 14 tahun pada tahun 2022 iaitu meningkat 4.0 peratus berbanding 2.3 peratus pada 2021. Ini diikuti *Transport accidents* (3.8%), *Leukaemia* (2.1%), *COVID-19 infection (due to)* (1.7%) dan *Cerebrovascular diseases* (1.0%).

Carta 24: Lima sebab kematian utama bagi penduduk berumur 0 hingga 14 tahun, Malaysia, 2021 dan 2022

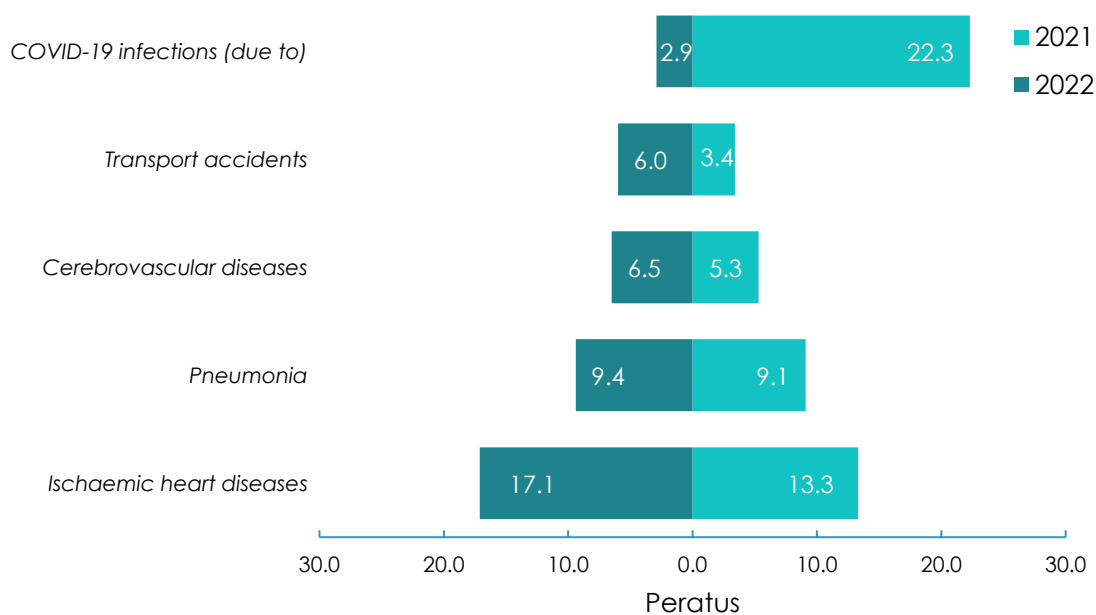


ii. Penduduk berumur 15 hingga 64 tahun

***Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 64 tahun**

Kematian penduduk berumur 15 hingga 64 tahun menurun daripada 94,251 (2021) kepada 77,498 pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 64 tahun pada 2022 iaitu 17.1 peratus. Ini diikuti *Pneumonia* (9.4%), *Cerebrovascular diseases* (6.5%), *Transport accidents* (6.0%) dan *COVID-19 infection (due to)* (2.9%).

Carta 28: Lima sebab kematian utama penduduk berumur 15 hingga 64 tahun, Malaysia, 2021 dan 2022

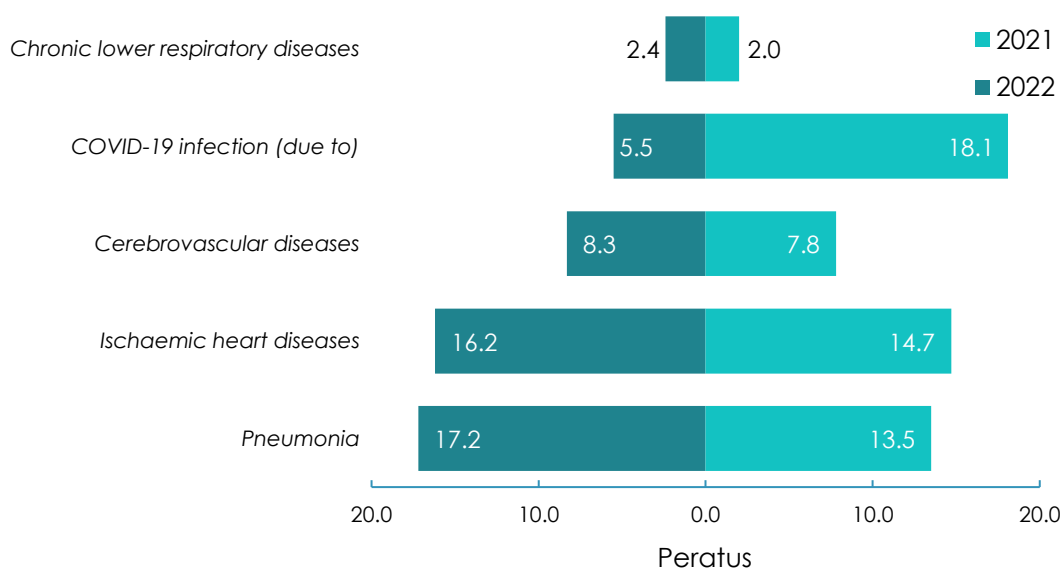


iii. Penduduk berumur 65 tahun dan lebih

***Pneumonia* menjadi sebab kematian utama bagi penduduk berumur 65 tahun dan lebih**

Kematian penduduk berumur 65 tahun dan lebih menurun kepada 124,273 kematian pada 2022 berbanding 126,203 kematian (2021). *Pneumonia* menjadi sebab kematian utama bagi penduduk berumur 65 tahun dan lebih pada 2022 iaitu 17.2 peratus. Ini diikuti *Ischaemic heart diseases* (16.2%), *Cerebrovascular diseases* (8.3%), *COVID-19 infection (due to)* (5.5%) dan *Chronic lower respiratory diseases* (2.4%).

Carta 29: Lima sebab kematian utama penduduk berumur 65 tahun dan lebih, Malaysia, 2021 dan 2022

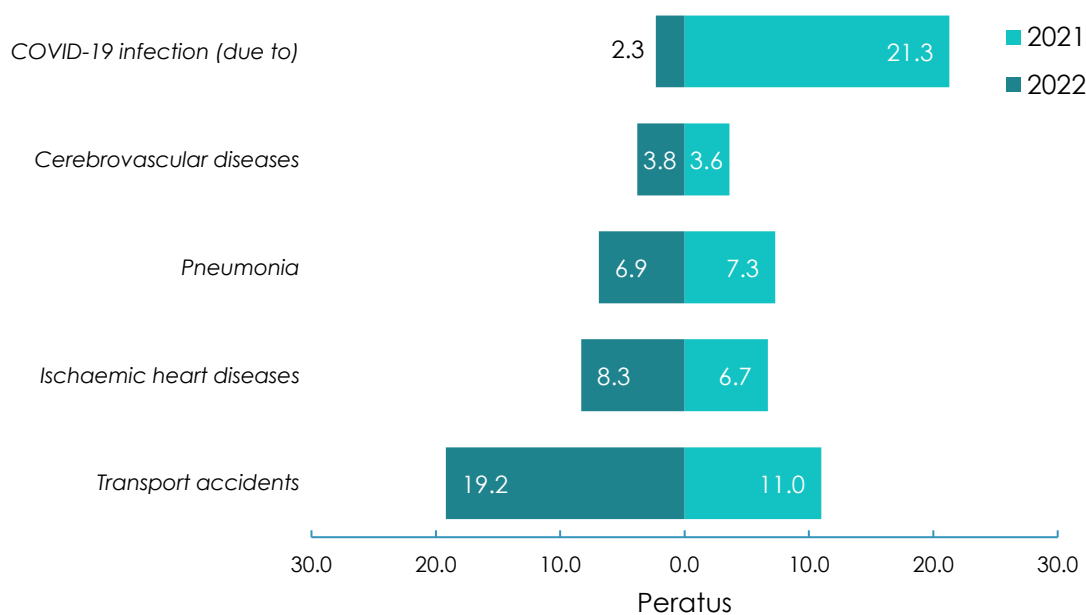


iv. Penduduk berumur 15 hingga 40 tahun

***Transport accidents* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 40 tahun**

Kematian penduduk berumur 15-40 tahun merekodkan penurunan daripada 17,953 kematian (2021) kepada 14,830 kematian pada 2022. *Transport accidents* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 40 tahun pada 2022 iaitu 19.2 peratus diikuti *Ischaemic heart diseases* (8.3%), *Pneumonia* (6.9%), *Cerebrovascular diseases* (3.8%) dan *COVID-19 infection (due to)* (2.3%).

Carta 25: Lima sebab kematian utama bagi penduduk berumur 15 hingga 40 tahun, Malaysia, 2021 dan 2022



Nota:

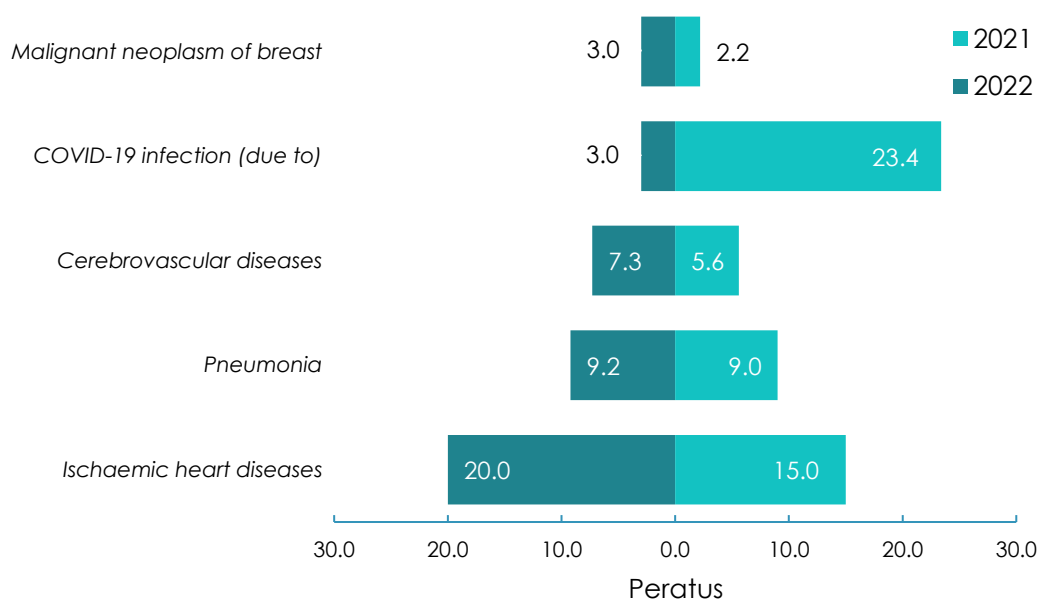
Penduduk berumur 15 hingga 40 tahun: Dasar Pembangunan Belia Negara mendefinisikan belia sebagai individu yang berumur 15 hingga 40 tahun

v. Penduduk berumur 41 hingga 59 tahun

***Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 41 hingga 59 tahun**

Kematian penduduk berumur 41 hingga 59 tahun merekodkan penurunan daripada 52,282 (2021) kematian kepada 41,640 kematian pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 41 hingga 59 tahun pada 2022 iaitu 20.0 peratus diikuti *Pneumonia* (9.2%), *Cerebrovascular diseases* (7.3%), *COVID-19 infection (due to)* (3.0%) dan *Malignant neoplasm of breast* (3.0%).

Carta 26: Lima sebab kematian utama penduduk berumur 41 hingga 59 tahun, Malaysia, 2021 dan 2022



Nota:

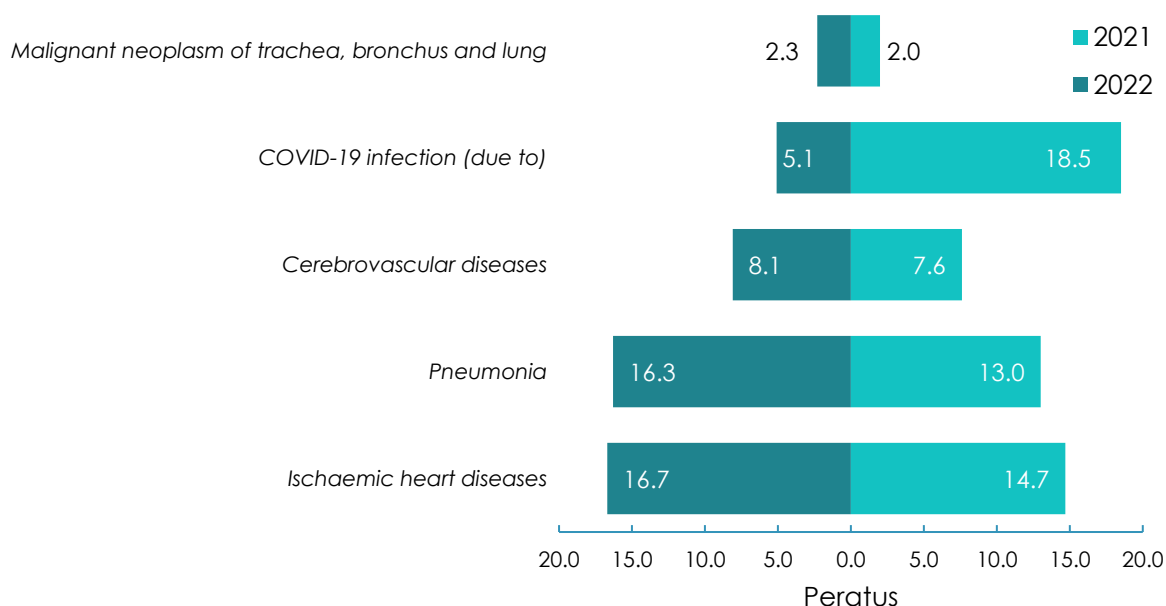
Sebelum ini, jumlah kematian yang lebih tinggi direkodkan oleh umur 60 tahun dan lebih. Sejak kebelakangan ini, jumlah kematian mengikut umur telah berubah daripada umur 60 tahun dan lebih kepada umur 41 tahun kepada 59 tahun

vi. Penduduk berumur 60 tahun dan lebih

***Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 60 tahun dan lebih**

Kematian penduduk berumur 60 tahun dan lebih merekodkan penurunan daripada 150,219 kematian (2021) kepada 145,301 kematian pada 2022. *Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 60 tahun dan lebih pada 2022 iaitu 16.7 peratus diikuti *Pneumonia* (16.3%), *Cerebrovascular diseases* (8.1%), *COVID-19 infection (due to)* (5.1%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.3%).

Carta 27: Lima sebab kematian utama penduduk berumur 60 tahun dan lebih, Malaysia, 2021 dan 2022



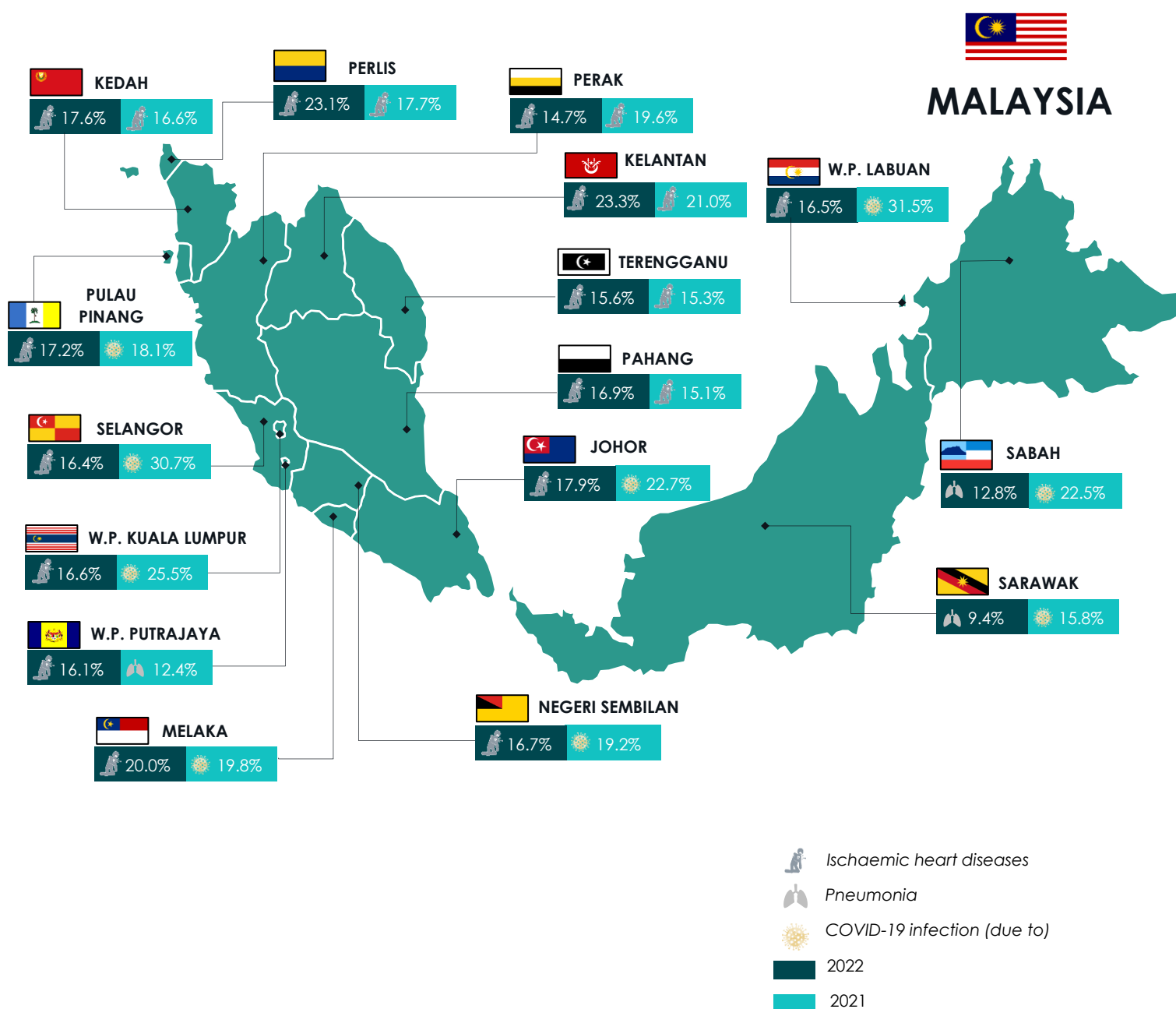
Nota:

Penduduk berumur 60 tahun dan lebih: Dasar Warga Emas Negara mendefinisikan warga emas sebagai individu berumur 60 tahun dan lebih seperti yang di terima pakai dalam *United Nations World Assembly on Ageing in Vienna (UN, 1982)* dan dalam kalangan negara ASEAN

j. Sebab kematian utama mengikut negeri

Semua negeri merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama pada tahun 2022 kecuali Sabah dan Sarawak yang merekodkan *Pneumonia* sebagai sebab kematian utama.

Paparan 1: Sebab kematian utama mengikut negeri, Malaysia, 2021 dan 2022



k. **Sebab kematian utama mengikut negara ASEAN**

Stroke dan *Ischaemic heart diseases* merupakan sebab kematian utama bagi negara ASEAN pada 2019.

Paparan 2: Penduduk, Kadar Kematian Kasar dan Sebab kematian utama mengikut negara ASEAN, 2019



Brunei
Darussalam



Cambodia



Indonesia



Lao PDR



Malaysia

Penduduk (juta)	0.4	16.7	273.5	7.3	32.7
CDR (setiap 1,000 penduduk)	4.7	6.0	6.6	6.3	6.3
Sebab kematian utama	<i>Ischaemic heart diseases</i>	<i>Stroke</i>	<i>Stroke</i>	<i>Stroke</i>	<i>Ischaemic heart diseases</i>



Myanmar



Philippines



Singapore



Thailand



Viet Nam

Penduduk (juta)	54.4	109.6	5.5	69.8	97.3
CDR (setiap 1,000 penduduk)	8.3	6.0	5.2	7.9	6.4
Sebab kematian utama	<i>Stroke</i>	<i>Ischaemic heart diseases</i>	<i>Cancer</i>	<i>Ischaemic heart diseases</i>	<i>Stroke</i>

Nota:

Pada tahun 2022, sebab kematian utama di Malaysia adalah *Ischaemic heart diseases* sementara data terkini bagi negara ASEAN lain di *World Development Indicators* adalah data 2019 kecuali Singapore (2021)

Sumber data: *World Development Indicators* kecuali Malaysia (2022) dan Singapore (Kementerian Kesihatan Singapura; 2021)

I. Sebab kematian utama mengikut negara terpilih

Cancer, Ischaemic heart diseases dan *COVID-19* merupakan sebab kematian utama bagi negara terpilih pada 2021.

Paparan 3: Penduduk, Kadar Kematian Kasar dan Sebab kematian utama mengikut negara terpilih, 2021

					
Australia	United Kingdom	United States of America	Japan	Canada	Republic of Korea

Penduduk (juta)	25.7	67.3	331.9	125.7	38.3	51.7
CDR (setiap 1,000 penduduk)	6.7	10.0	10.4	11.7	7.8	6.2
Sebab kematian utama	<i>Ischaemic heart diseases</i>	<i>COVID-19</i>	<i>Ischaemic heart diseases</i>	<i>Cancer</i>	<i>Cancer</i>	<i>Cancer</i>

Nota:

Pada tahun 2022, sebab kematian utama di Malaysia adalah *Ischaemic heart diseases*

Sumber data: Pejabat Statistik Negara dan Kementerian Kesihatan Negara terpilih

5. INDIKATOR SDG YANG BERKAITAN DENGAN PERANGKAAAN SEBAB KEMATIAN

Pada September 2015, Malaysia telah menyatakan komitmen dan sokongan bagi melaksanakan Agenda 2030 ke arah Matlamat Pembangunan Mampan (*Sustainable Development Goals* - SDG) mulai 2016 sehingga 2030.

SDG mengandungi 17 Matlamat, 169 Sasaran dan 248 Indikator. Statistik sebab kematian merupakan sebahagian daripada indikator yang disenaraikan dalam Matlamat 3: Memastikan kehidupan yang sihat dan menggalakkan kesejahteraan untuk semua peringkat umur. Indikator yang berkaitan adalah 3.4.1.

Indikator 3.4.1: Kadar kematian berpunca daripada *Cardiovascular diseases*, *Cancer*, *Diabetes* dan *Chronic respiratory diseases*

Kematian pramatang merujuk kepada kematian yang berlaku di antara umur 30 hingga 69 tahun. Kadar kematian bagi keempat-empat penyakit menurun pada 2022 berbanding 2021. Antara empat penyakit tersebut, *Cardiovascular diseases* mencatatkan kadar kematian tertinggi.

Jadual 2: Kadar kematian pramatang berpunca daripada *Cardiovascular diseases*, *Cancer*, *Diabetes* dan *Chronic respiratory diseases*, Malaysia, 2021 dan 2022

Tahun	Kadar (bagi setiap 100,000 penduduk berumur 30 hingga 69 tahun)			
	<i>Cardiovascular diseases</i>	<i>Cancer</i>	<i>Diabetes</i>	<i>Chronic respiratory diseases</i>
2022	141.9	64.4	7.5	16.7
2021	155.1	69.2	10.3	21.4

SUMMARY OF FINDINGS



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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1. INTRODUCTION

Statistics on Causes of Death, Malaysia, 2023 presents the principal causes of death statistics by classification for 2022. Department of Statistics Malaysia (DOSM) uses International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10) published by World Health Organization (2010) to classify causes of death.

The statistics reported in this publication refer to deaths data registered at the National Registration Department. The demographic indicators that involved population data for 2020 to 2022 have been revised based on the Population and Housing Census of Malaysia 2020 (MyCensus 2020). Meanwhile, the indicators for 2011 to 2019 are based on the Population and Housing Census of Malaysia 2010 and will be revised later.

The classification for causes of death comprises of medically certified and non-medically certified as follows:

a. Medically certified

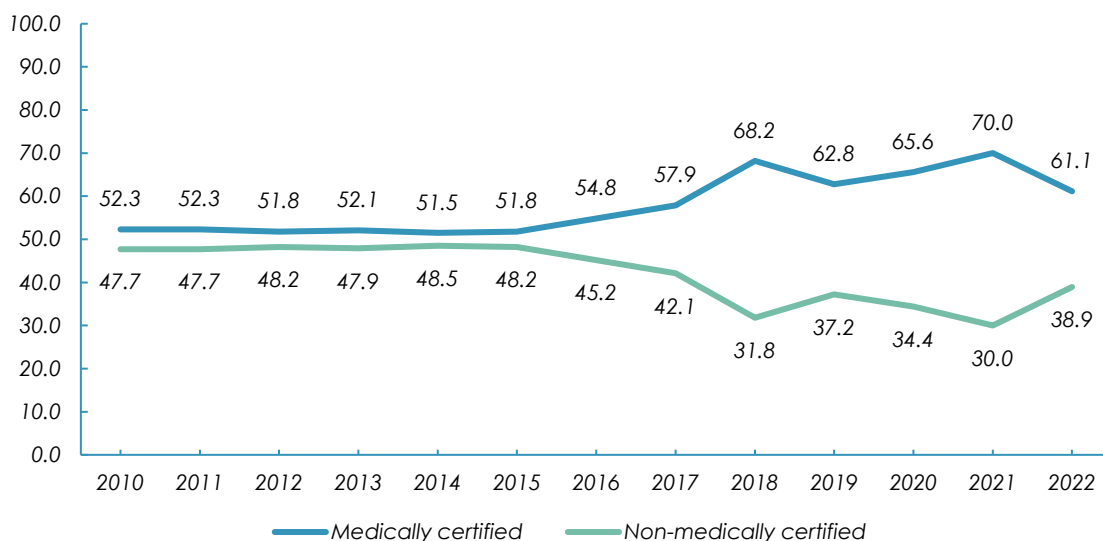
Verification made by medical officer and coroner only.

b. Non-medically certified

Verification made by informants without having any medical qualifications such as individuals or police.

Commencing 2018, the Ministry of Health Malaysia (MoH) implemented the verification of non-medically certified causes of death in Malaysia to improve the percentage of medically certified death. In 2022, 61.1 per cent of 206,525 deaths was classified as medically certified deaths while 38.9 per cent was non-medically certified deaths (Chart 1). This summary of findings presents the medically certified principal causes of death in Malaysia for 2022.

Chart 1: Percentage of medically certified and non-medically certified causes of death, Malaysia, 2010 to 2022



2. MAIN FINDINGS OF STATISTICS ON CAUSES OF DEATH

- a. The number of deaths in 2022 decreased 8.0 per cent from 224,569 deaths (2021) to 206,525 deaths. Out of this total, 61.1 per cent (126,268) was medically certified.
- b. Ischaemic heart diseases was the principal causes of death in Malaysia which recorded 20,322 deaths (16.1%) in 2022.
- c. Ischaemic heart diseases and Pneumonia were the principal causes of death for males and females with 13,817 and 7,201 deaths, respectively.
- d. The principal causes of death for all major ethnic groups in Malaysia in 2022 was Ischaemic heart diseases except Other Bumiputera which recorded Pneumonia as principal causes of death.
- e. Age group 0-14 and 65 years and over recorded Pneumonia as the principal causes of death while age group 15-64 years recorded Ischaemic heart diseases as the principal causes of death.
- f. All states recorded Ischaemic heart diseases as principal causes of death except Sabah and Sarawak which recorded Pneumonia as principal causes of death.

3. DEATHS

The number of deaths decreased 8.0 per cent in 2022

The number of deaths in 2022 decreased 8.0 per cent from 224,569 deaths (2021) to 206,525 deaths. The number of deaths for males decreased 7.8 per cent from 127,824 to 117,790 deaths and females decreased 8.3 per cent from 96,745 to 88,735 deaths. The Crude Death Rate (CDR) decreased from 6.9 (2021) to 6.3 deaths per thousand population in 2022.

Table 1: Number of deaths by sex, Malaysia, 2021 and 2022

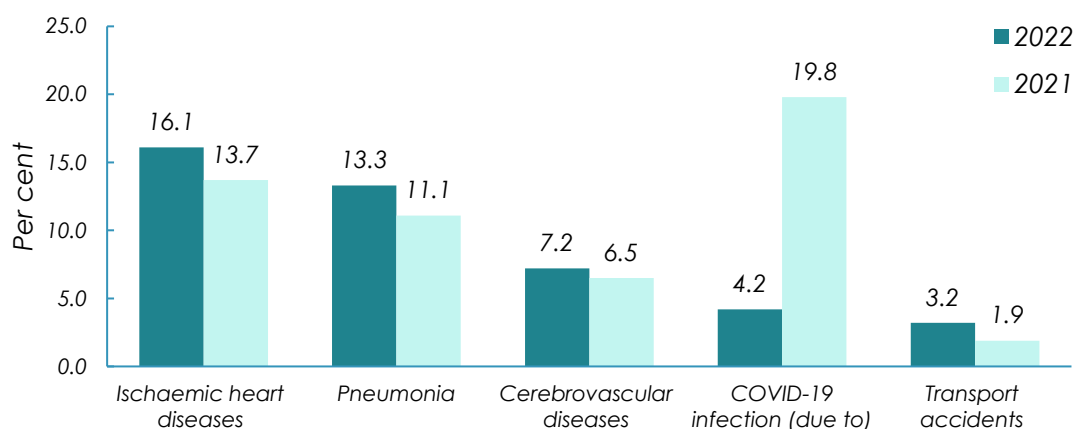
Year	Number			Rate (per 1,000 population)		
	Total	Male	Female	Total	Male	Female
2022	206,525	117,790	88,735	6.3	6.9	5.7
2021	224,569	127,824	96,745	6.9	7.5	6.2

4. CAUSES OF DEATH

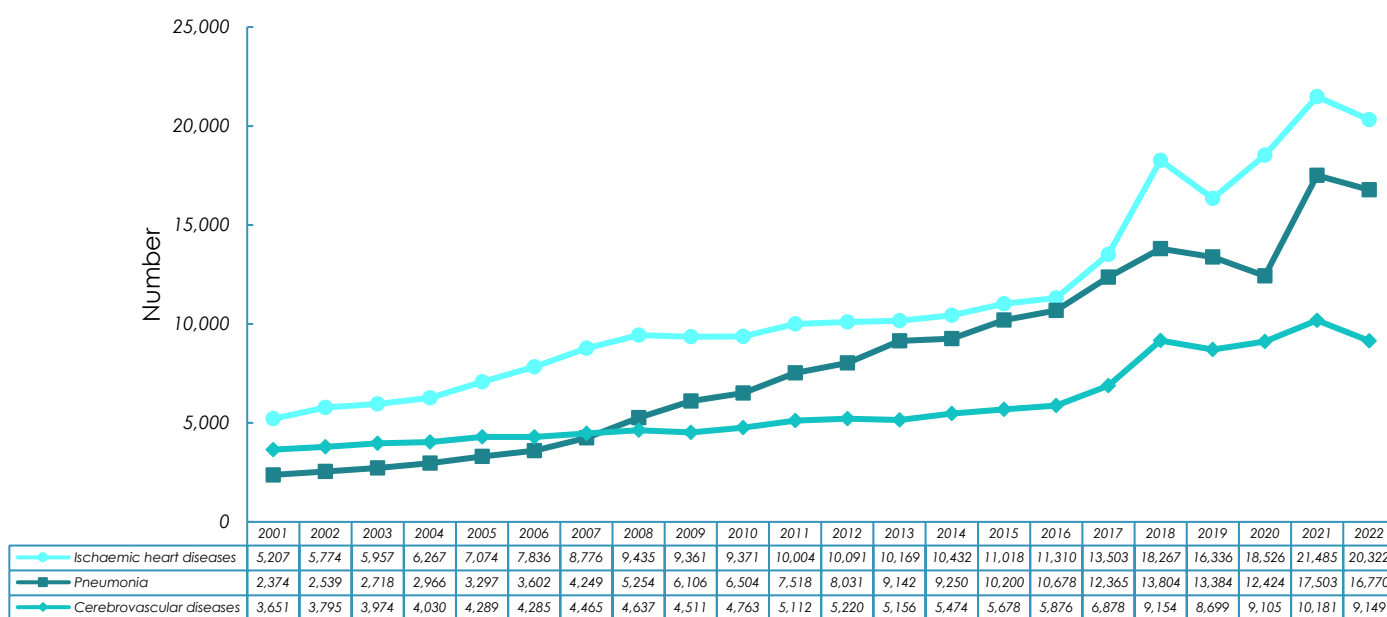
a. Five principal causes of death

Ischaemic heart diseases as the principal causes of death in Malaysia

Ischaemic heart diseases as the principal causes of death, which was 20,322 (16.1%) from 126,268 medically certified deaths in 2022. This was followed by Pneumonia (13.3%), Cerebrovascular diseases (7.2%), COVID-19 infection (due to) (4.2%) and Transport accidents (3.2%) (Chart 2).

Chart 2: Five principal causes of death, Malaysia, 2021 and 2022

Ischaemic heart diseases was continued as the principal causes of death in Malaysia for two decades except in 2021 which led by COVID-19 infection (due to). For the period of 2001 to 2022, Ischaemic heart diseases increased from 5,207 deaths (11.6%) in 2001 to 20,322 deaths (16.1%) in 2022. Pneumonia and Cerebrovascular diseases also increased from 2,374 and 3,651 in 2001 to 16,770 and 9,149 in 2022, respectively.

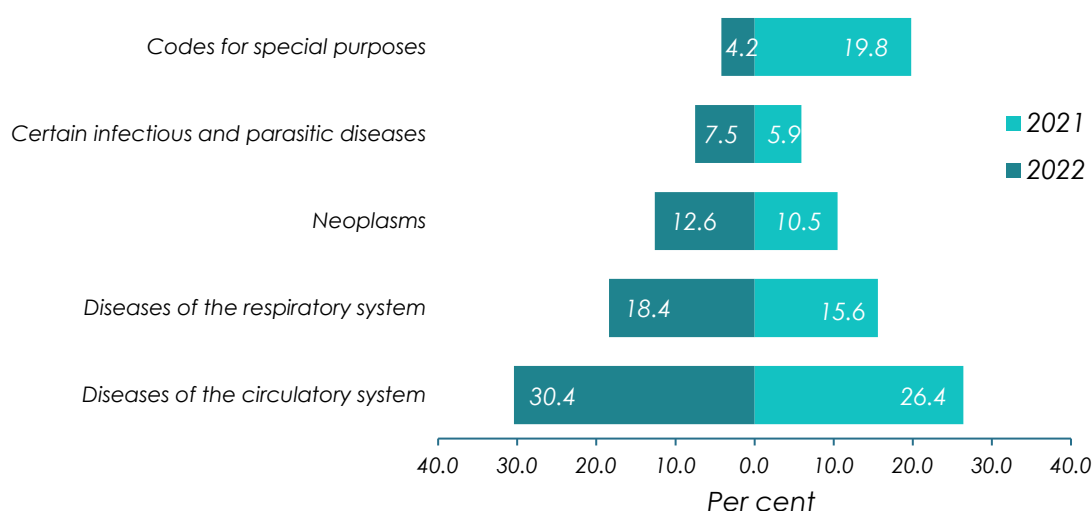
Chart 3: Time series trend for three selected principal causes of death, Malaysia, 2001-2022

b. Five principal causes of death by Chapter ICD-10

Diseases of the circulatory system remained as the principal causes of death by Chapter ICD-10

Diseases of the circulatory system remained as the principal causes of death by Chapter ICD-10 in 2022 at 30.4 per cent followed by Diseases of the respiratory system (18.4%), Neoplasms (12.6%), Certain infectious and parasitic diseases (7.5%) and Codes for special purposes (4.2%).

Chart 4: Five principal causes of death by Chapter ICD-10, Malaysia, 2021 and 2022



c. Five principal causes of death by sex

i. Ischaemic heart diseases become the principal causes of death for males

Males recorded 117,790 deaths in 2022, of which 64.3 per cent (75,738) were medically certified deaths while 35.7 per cent (42,052) were non-medically certified deaths (Chart 5). Ischaemic heart diseases become the principal causes of death for males at 18.2 per cent of the 75,738 medically certified deaths. This was followed by Pneumonia (12.6%), Cerebrovascular diseases (6.8%), Transport accidents (4.6%) and COVID-19 infection (due to) (4.0%) (Chart 6).

Chart 5: Classification of causes of death for males, Malaysia, 2022

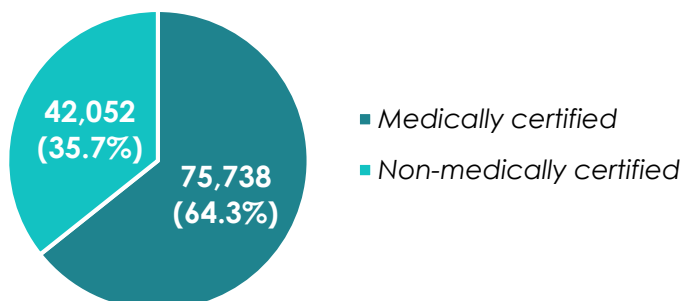
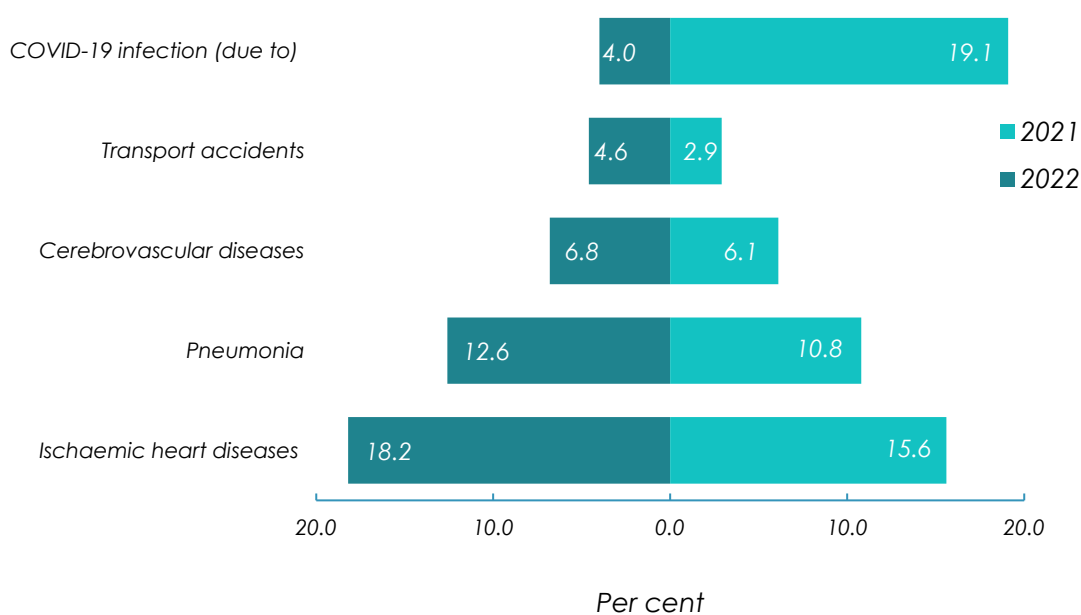


Chart 6: Five principal causes of death for males, Malaysia, 2021 and 2022



ii. **Pneumonia become the principal causes of death for females**

Females recorded 88,735 deaths in 2022, of which 56.9 per cent (50,530) were medically certified deaths while 43.1 per cent (38,205) were non-medically certified deaths. Pneumonia become the principal causes of death for females at 14.3 per cent of the 50,530 medically certified deaths. This was followed by Ischaemic heart diseases (12.9%), Cerebrovascular diseases (7.9%), COVID-19 infection (due to) (4.5%) and Malignant neoplasm of breast (3.8%).

Chart 7: Classification of causes of death for females, Malaysia, 2022

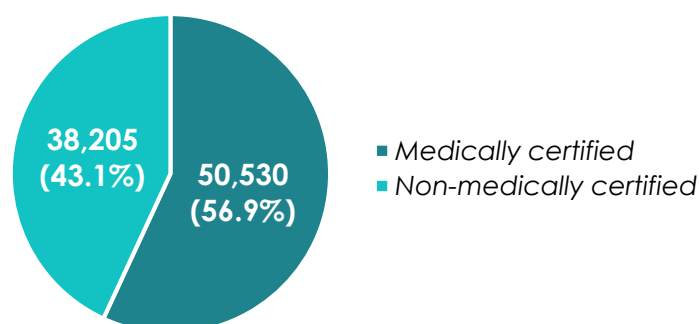
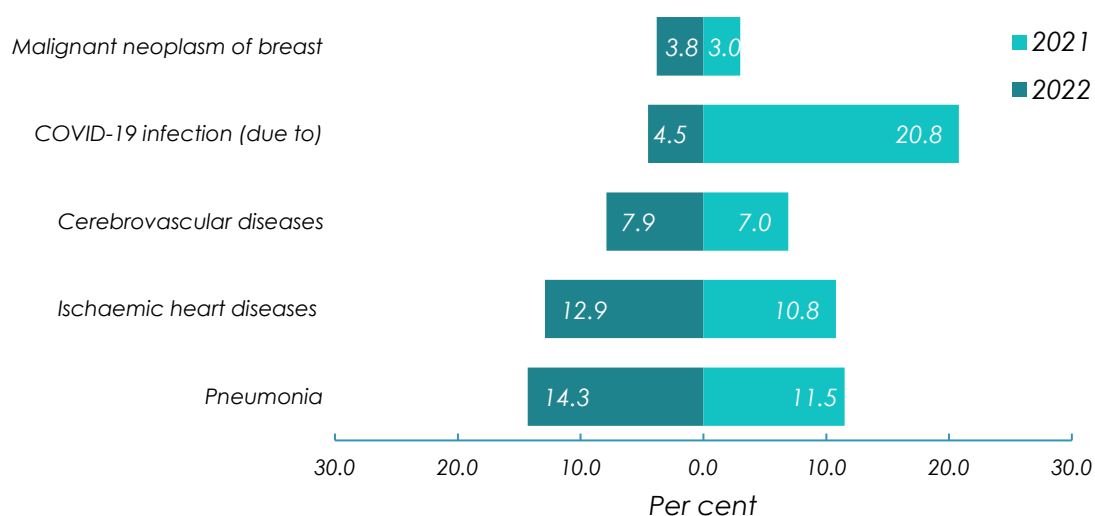


Chart 8: Five principal causes of death for females, Malaysia, 2021 and 2022



d. Five principal causes of death by stratum

The principal causes of death for urban and rural area in 2022 was Ischaemic heart diseases which recorded 16.0 per cent and 16.2 per cent, respectively.

Chart 9: Five principal causes of deaths by stratum (urban), Malaysia, 2021 and 2022

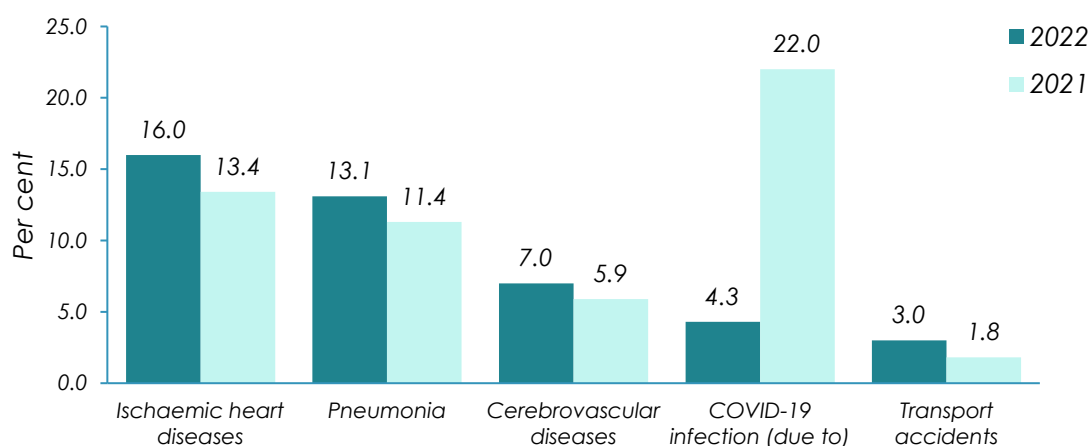
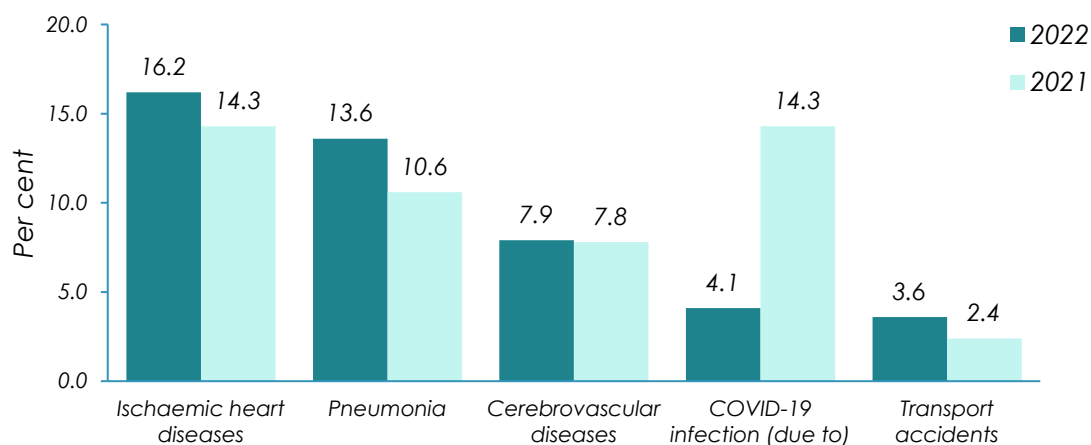


Chart 10: Five principal causes of deaths by stratum (rural), Malaysia, 2021 and 2022



e. **Five principal causes of death by major ethnic group**

i. **Ischaemic heart diseases become the principal causes of death for Bumiputera**

Bumiputera comprises of Malay and Other Bumiputera. Bumiputera recorded 130,541 deaths of which 61.7 per cent (80,483) were medically certified deaths while 38.3 per cent (50,058) were non-medically certified deaths in 2022. Ischaemic heart diseases become the principal causes of death for Bumiputera at 16.0 per cent of the 80,483 medically certified deaths. This was followed by Pneumonia (13.2%), Cerebrovascular diseases (7.7%), COVID-19 infection (due to) (4.0%) and Transport accidents (3.6%).

Chart 11: Classification of causes of death for Bumiputera, Malaysia, 2022

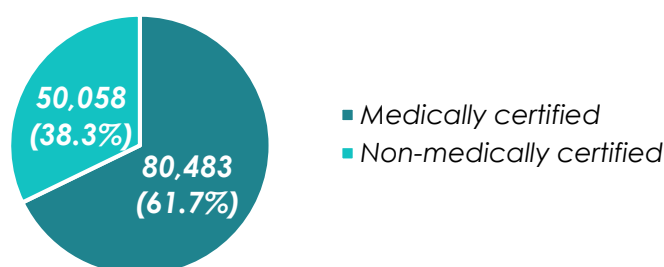
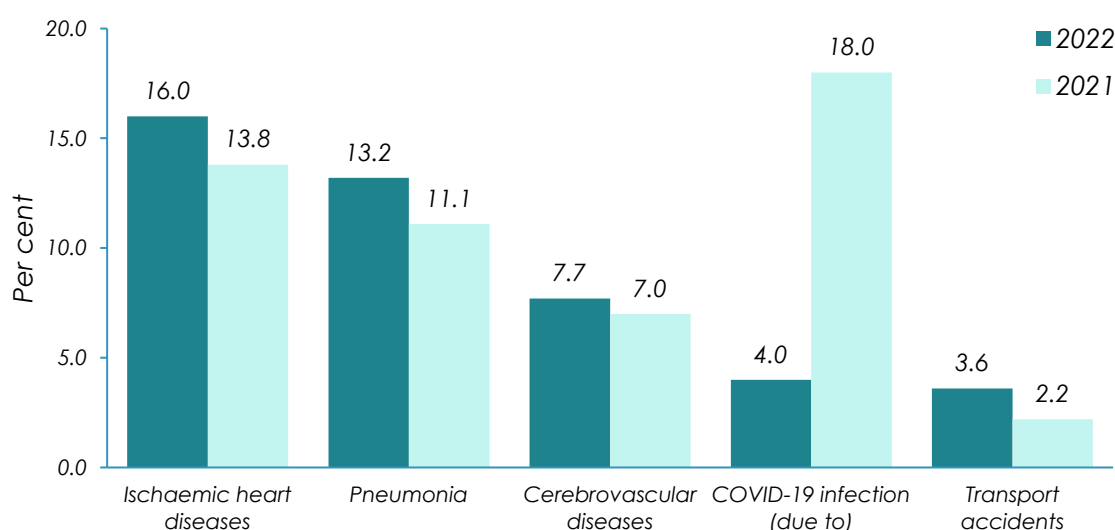


Chart 12: Five principal causes of death for Bumiputera, Malaysia, 2021 and 2022



ii. **Ischaemic heart diseases become the principal causes of death for Malay**

Malay recorded 108,627 deaths of which 64.5 per cent (70,028) were medically certified deaths while 35.5 per cent (38,599) were non-medically certified deaths in 2022. Ischaemic heart diseases become the principal causes of death for Malay at 17.3 per cent of the 70,028 medically certified deaths. This was followed by Pneumonia (13.5%), Cerebrovascular diseases (7.9%), COVID-19 infection (due to) (4.1%) and Transport accidents (3.7%).

Chart 13: Classification of causes of death for Malay, Malaysia, 2022

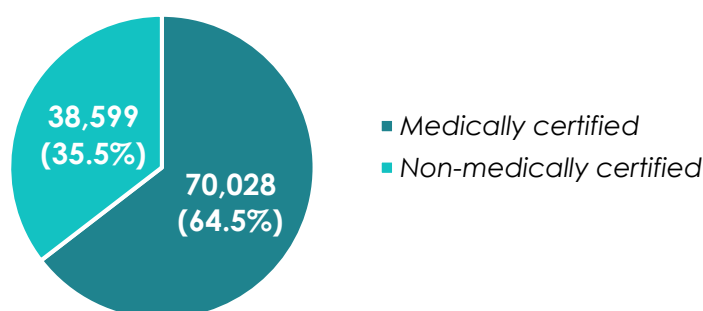
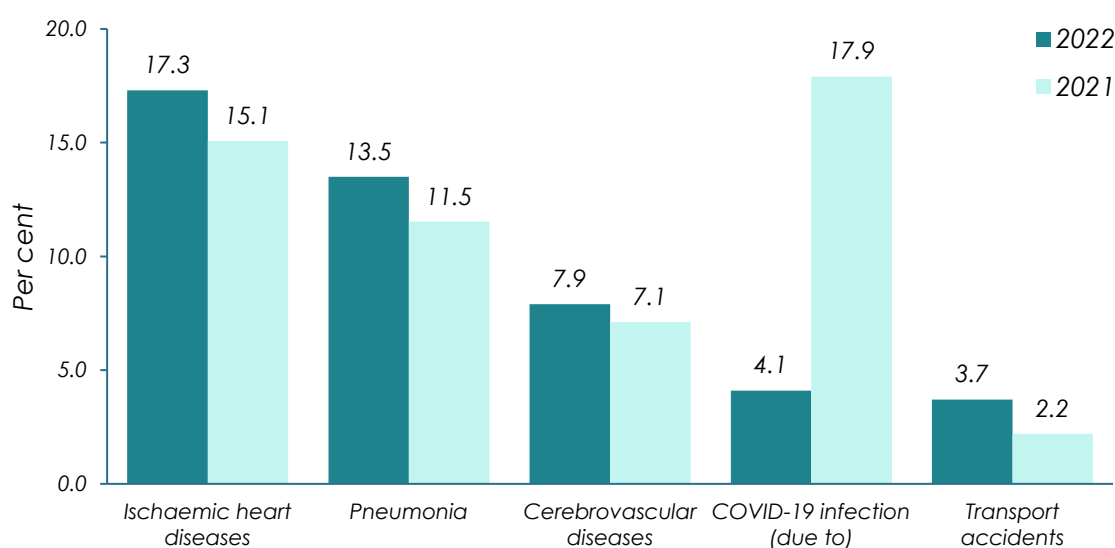


Chart 14: Five principal causes of death for Malay, Malaysia, 2021 and 2022



iii. **Pneumonia become the principal causes of death for Other Bumiputera**

Other Bumiputera recorded 21,914 deaths of which 47.7 per cent (10,455) were medically certified deaths while 52.3 per cent (11,459) were non-medically certified deaths in 2022. Pneumonia become the principal causes of death for Other Bumiputera at 11.5 per cent of the 10,455 medically certified deaths. This was followed by Ischaemic heart diseases (7.0%), Cerebrovascular diseases (6.8%), Hypertensive diseases (3.8%) and Chronic lower respiratory diseases (3.6%).

Chart 15: Classification of causes of death for Other Bumiputera, Malaysia, 2022

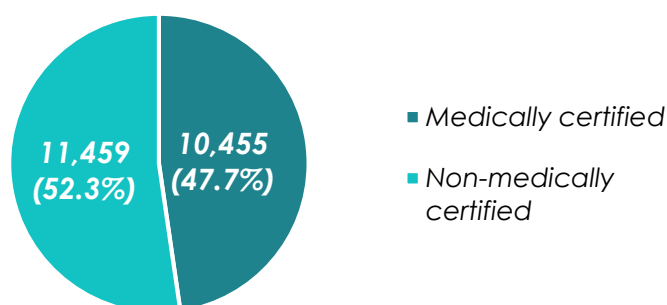
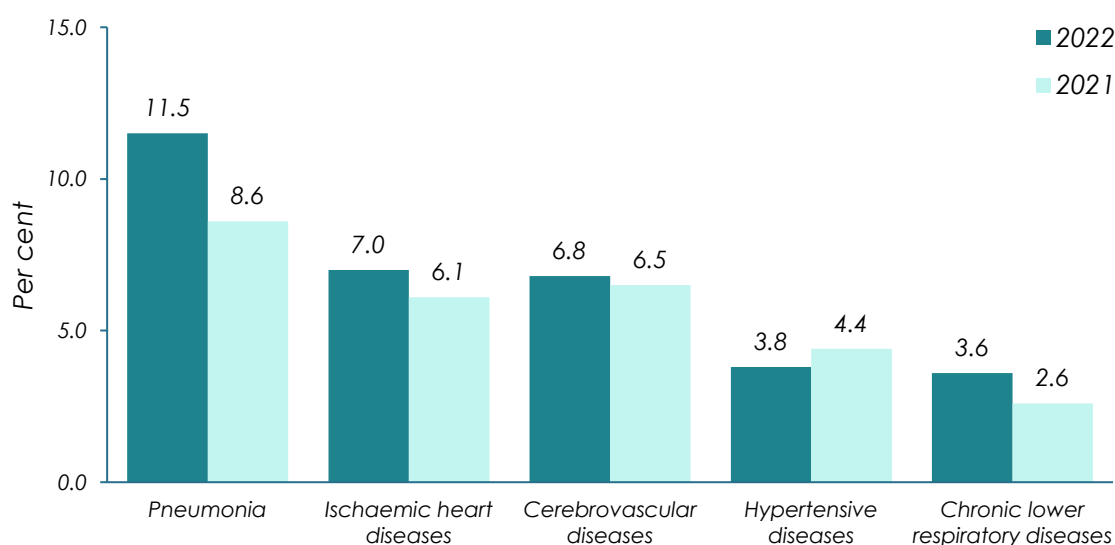


Chart 16: Five principal causes of death for Other Bumiputera, Malaysia, 2021 and 2022



iv. **Ischaemic heart diseases become the principal causes of death for Chinese**

Chinese recorded 53,333 deaths of which 57.7 per cent (30,778) were medically certified deaths while 42.3 per cent (22,555) were non-medically certified deaths in 2022. Ischaemic heart diseases become the principal causes of death for Chinese at 14.7 per cent of the 30,778 medically certified deaths. This was followed by Pneumonia (13.9%), Cerebrovascular diseases (6.7%), COVID-19 infection (due to) (4.7%) and Malignant neoplasm of trachea, bronchus and lung (3.5%).

Chart 17: Classification of causes of death for Chinese, Malaysia, 2022

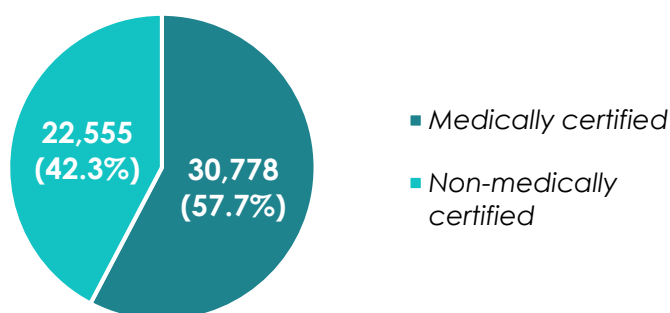
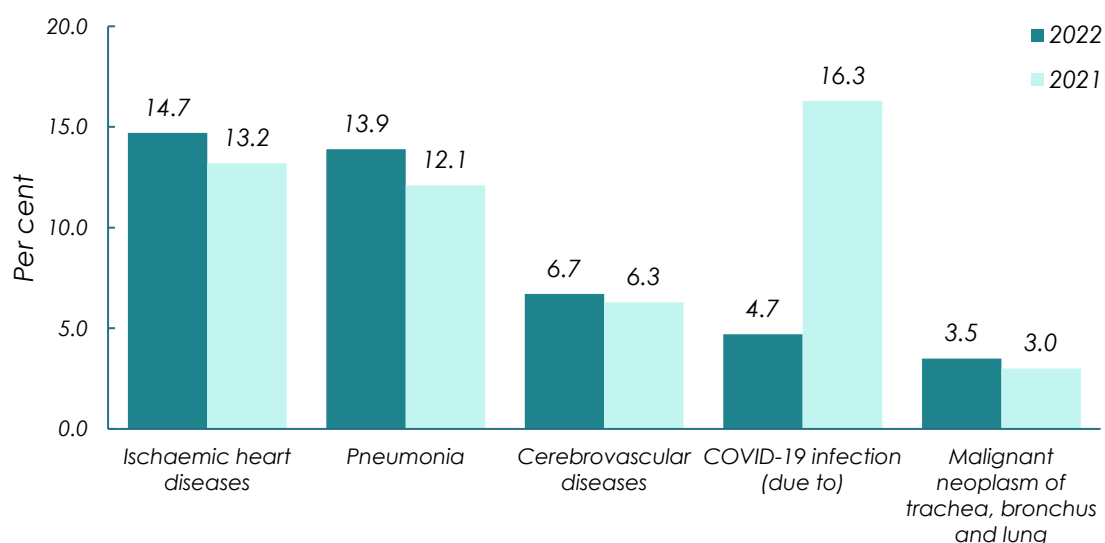


Chart 18: Five principal causes of death for Chinese, Malaysia, 2021 and 2022



v. Ischaemic heart diseases become the principal causes of death for Indians

Indians recorded 16,935 deaths of which 69.4 per cent (11,761) were medically certified deaths while 30.6 per cent (5,174) were non-medically certified deaths in 2022. Ischaemic heart diseases become the principal causes of death for Indians at 21.1 per cent of the 11,761 medically certified deaths. This was followed by Pneumonia (12.3%), Cerebrovascular diseases (5.7%), Transport accidents (4.1%) and COVID-19 infection (due to) (3.1%).

Chart 19: Classification of causes of death for Indians, Malaysia, 2022

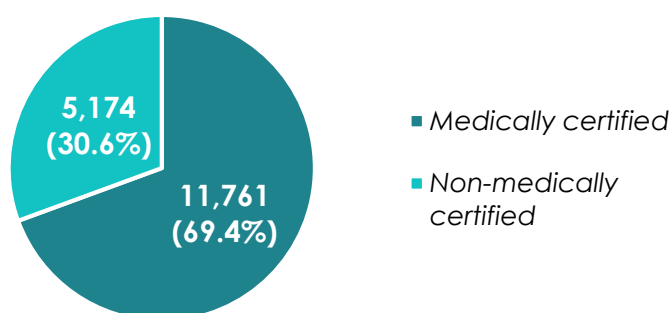
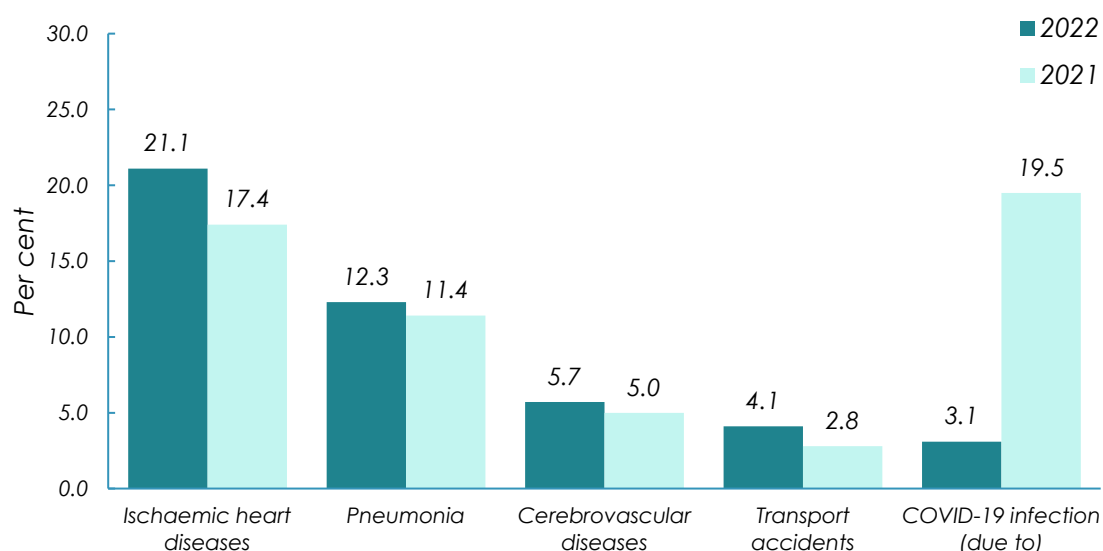


Chart 20: Five principal causes of death for Indians, Malaysia, 2021 and 2022

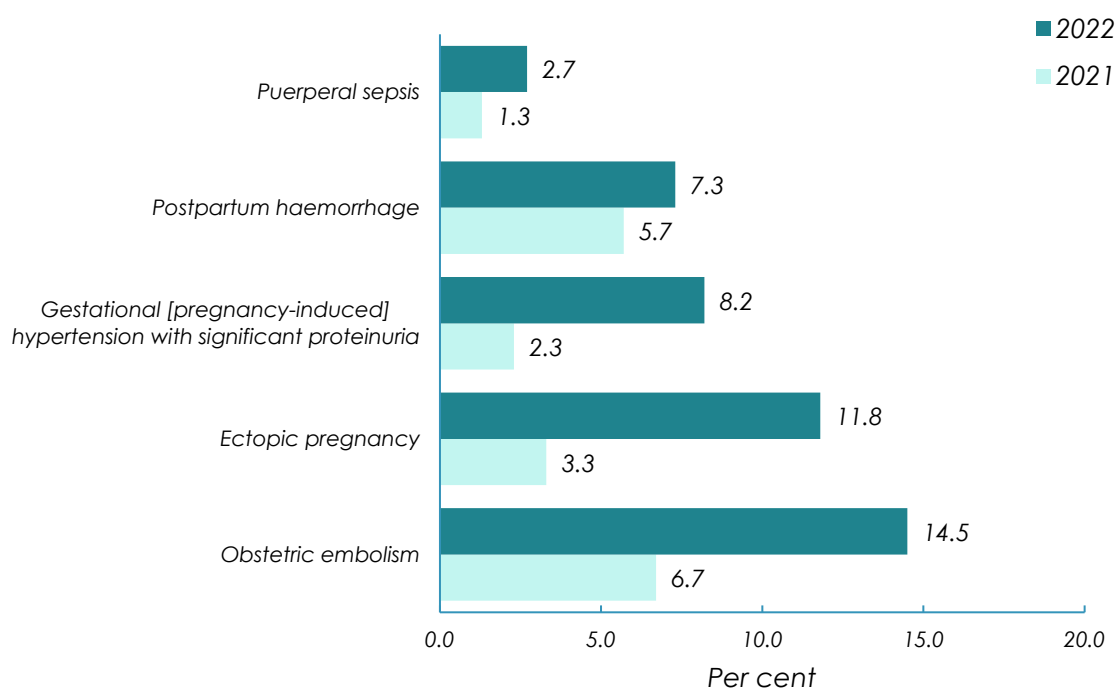


f. Five principal causes of death for maternal

Obstetric embolism recorded as the principal causes of death for maternal

Maternal death decreased from 300 (2021) to 110 deaths in 2022. Maternal mortality ratio showed a decrease from 68.2 (2021) to 26.0 per 100,000 live births. Obstetric embolism was recorded as the principal causes of death for maternal in 2022 at 14.5 per cent followed by Ectopic pregnancy (11.8%), Gestational [pregnancy-induced] hypertension with significant proteinuria (8.2%), Postpartum haemorrhage (7.3%) and Puerperal sepsis (2.7%).

Chart 21: Five principal causes of death for maternal, Malaysia, 2021 and 2022

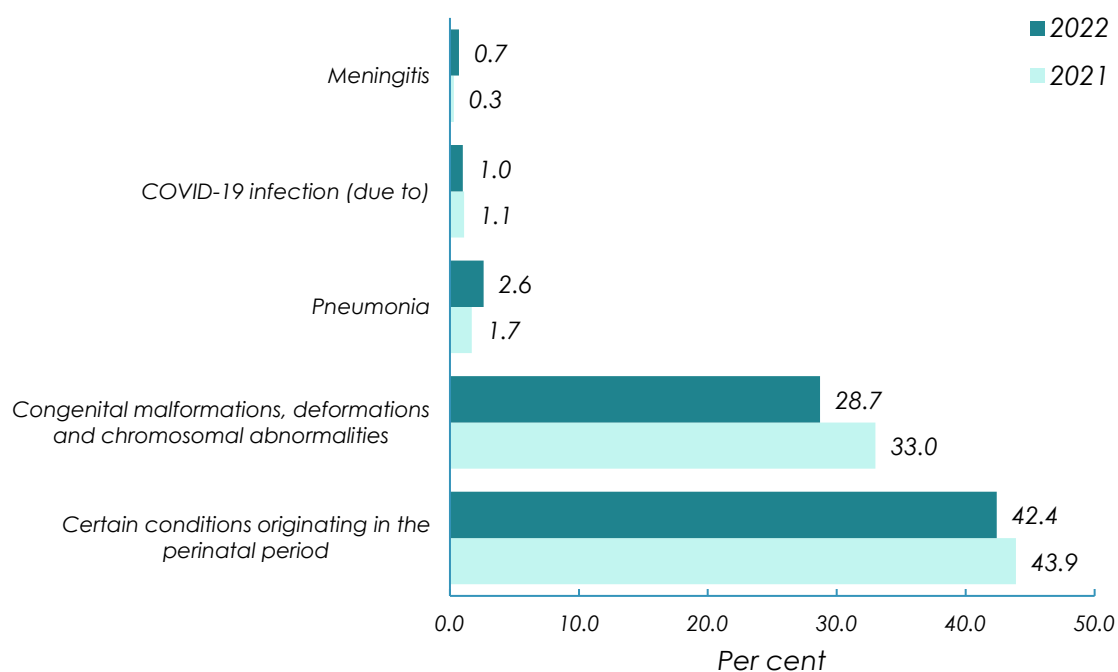


g. Five principal causes of death for infant

Certain conditions originating in the perinatal period remained as the principal causes of death for infant

Number of deaths for infant increased to 2,871 deaths in 2022 from 2,704 deaths in 2021. Certain conditions originating in the perinatal period remained as the principal causes of death for infant in 2022 at 42.4 per cent followed by Congenital malformations, deformations and chromosomal abnormalities (28.7%), Pneumonia (2.6%), COVID-19 infection (due to) (1.0%) and Meningitis (0.7%).

Chart 22: Five principal causes of death for infant, Malaysia, 2021 and 2022

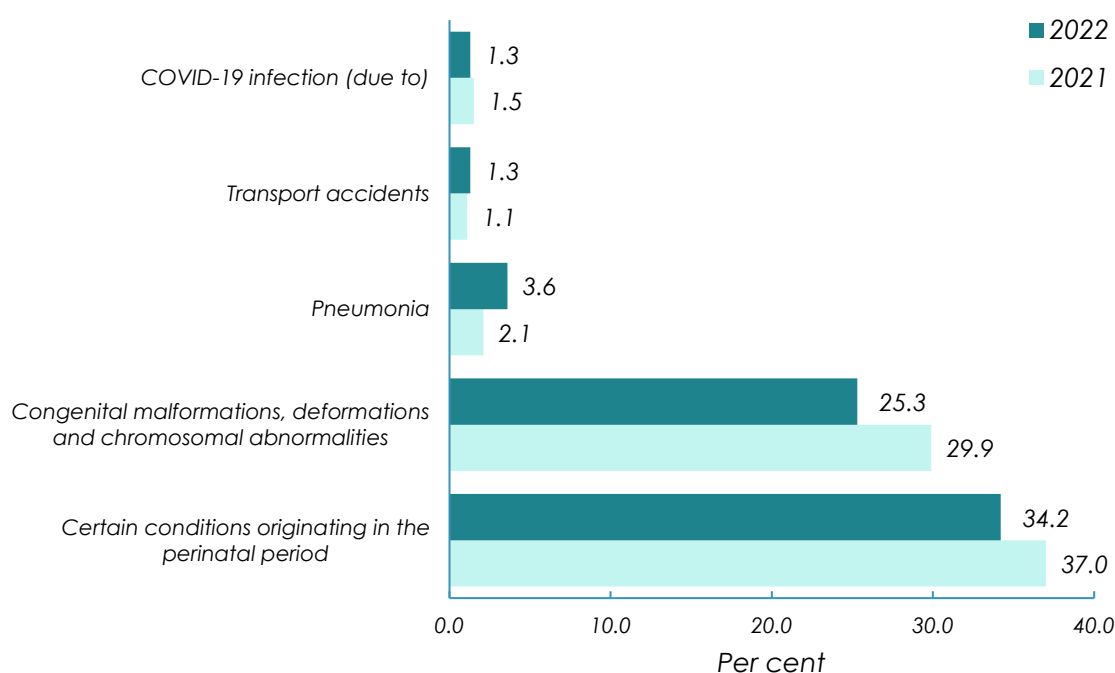


h. Five principal causes of death for children under-5 death

Certain conditions originating in the perinatal period remained as the principal causes of death for children under-5 death

Children under-5 death increased from 3,245 deaths in 2021 to 3,655 deaths in 2022. Certain conditions originating in the perinatal period remained as the principal causes of death for children under-5 death in 2022 at 34.2 per cent followed by Congenital malformations, deformations and chromosomal abnormalities (25.3%), Pneumonia (3.6%), Transport accidents (1.3%) and COVID-19 infection (due to) (1.3%).

Chart 23: Five principal causes of under-5 death, Malaysia, 2021 and 2022



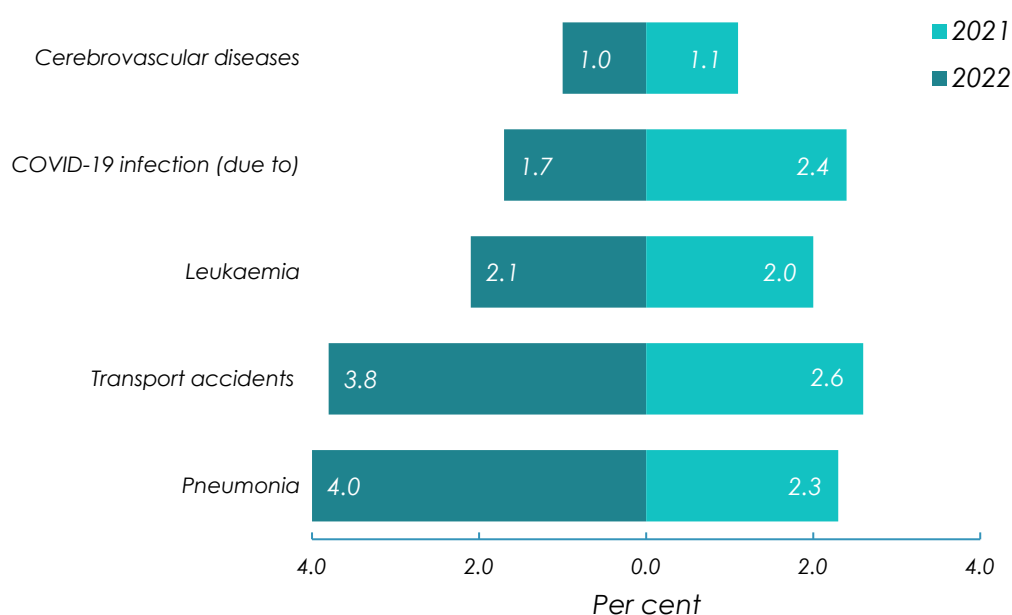
i. Five principal causes of death by selected age group

i. Population aged 0 to 14 years

Pneumonia was the principal causes of death for population aged 0 to 14 years

Deaths for population aged 0 to 14 years increased from 4,115 deaths to 4,754 deaths in 2022. Pneumonia was the principal causes of death for population aged 0 to 14 years in 2022, increased 4.0 per cent as compared to 2.3 per cent in 2021. This was followed by Transport accidents (3.8%), Leukaemia (2.1%), COVID-19 infection (due to) (1.7%) and Cerebrovascular diseases (1.0%).

Chart 24: Five principal causes of death for population aged 0 to 14 years, Malaysia, 2021 and 2022

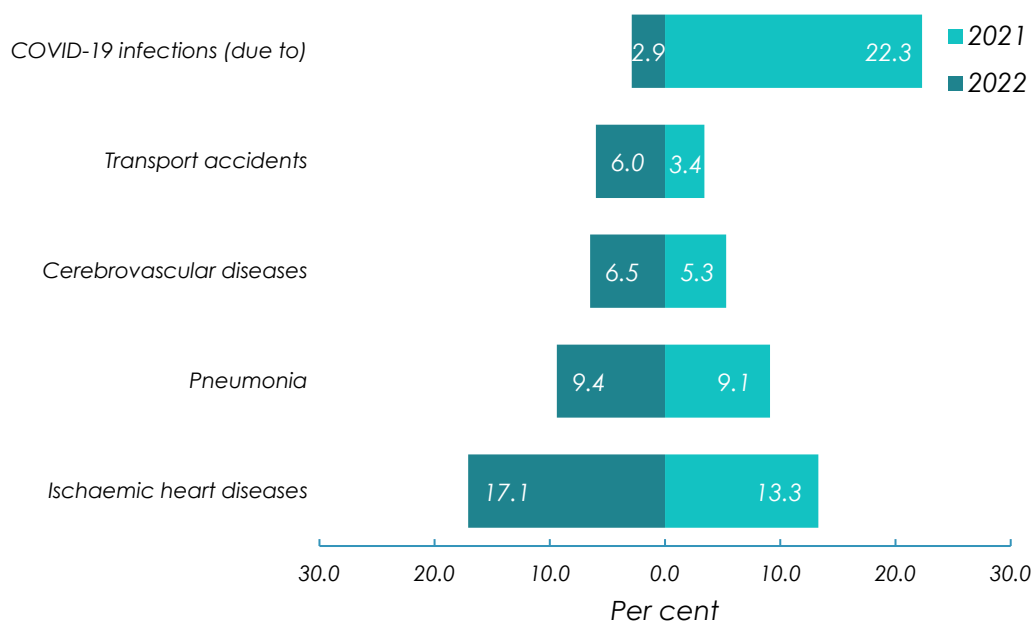


ii. Population aged 15 to 64 years

Ischaemic heart diseases become the principal causes of death for population aged 15 to 64 years

Deaths for population aged 15 to 64 years decreased from 94,251 (2021) to 77,498 in 2022. Ischaemic heart diseases was the principal causes of death for population aged 15 to 64 years in 2022 at 17.1 per cent. This was followed by Pneumonia (9.4%), Cerebrovascular diseases (6.5%), Transport accidents (6.0%) and COVID-19 infections (due to) (2.9%).

Chart 25: Five principal causes of death for population aged 15 to 64 years, Malaysia, 2021 and 2022

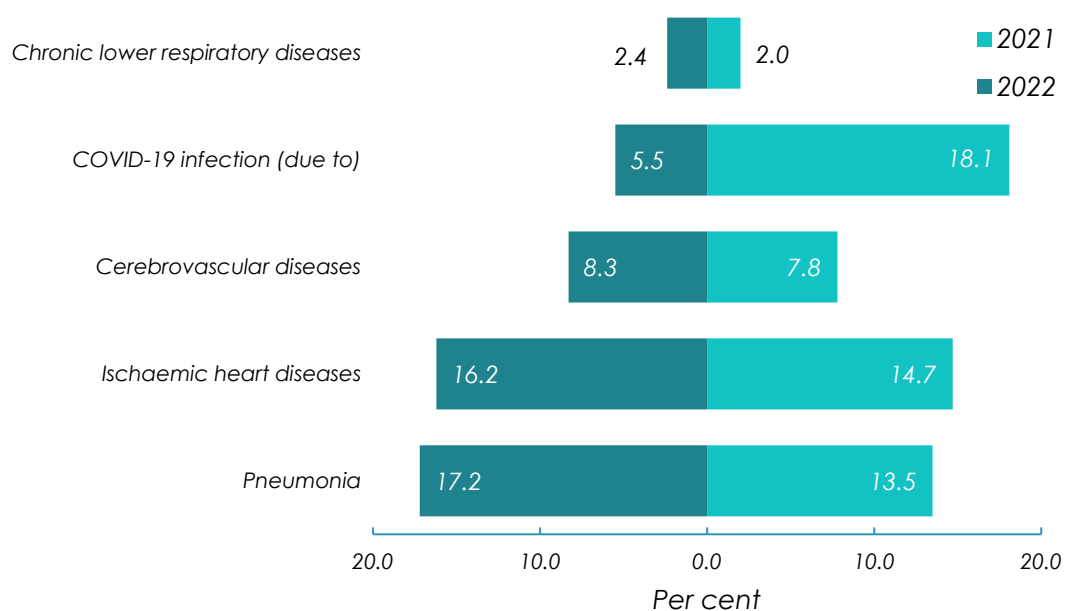


iii. Population aged 65 years and over

Pneumonia become the principal causes of death for population aged 65 years and over

Deaths for population aged 65 years and over decreased to 124,273 deaths in 2022 as compared to 126,203 deaths (2021). Pneumonia become the principal causes of death for population aged 65 years and over in 2022 at 17.2 per cent. This was followed by Ischaemic heart diseases (16.2%), Cerebrovascular diseases (8.3%), COVID-19 infections (due to) (5.5%) and Chronic lower respiratory diseases (2.4%).

Chart 26: Five principal causes of death for population aged 65 years and over, Malaysia, 2021 and 2022

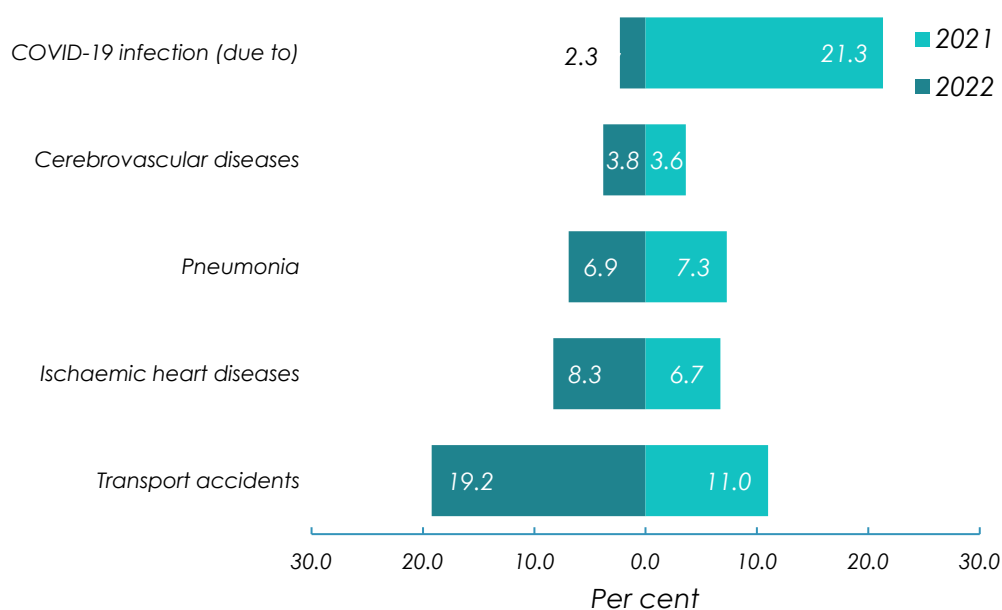


iv. Population aged 15 to 40 years

Transport accidents become the principal causes of death for population aged 15 to 40 years

Deaths for the population aged 15 to 40 years recorded a decrease from 17,953 deaths (2021) to 14,830 deaths in 2022. Transport accidents become the principal causes of death for population aged 15 to 40 years in 2022 at 19.2 per cent followed by Ischaemic heart diseases (8.3%), Pneumonia (6.9%), Cerebrovascular diseases (3.8%) and COVID-19 infection (due to) (2.3%).

Chart 27: Five principal causes of death for population aged 15 to 40 years, Malaysia, 2021 and 2022



Note:

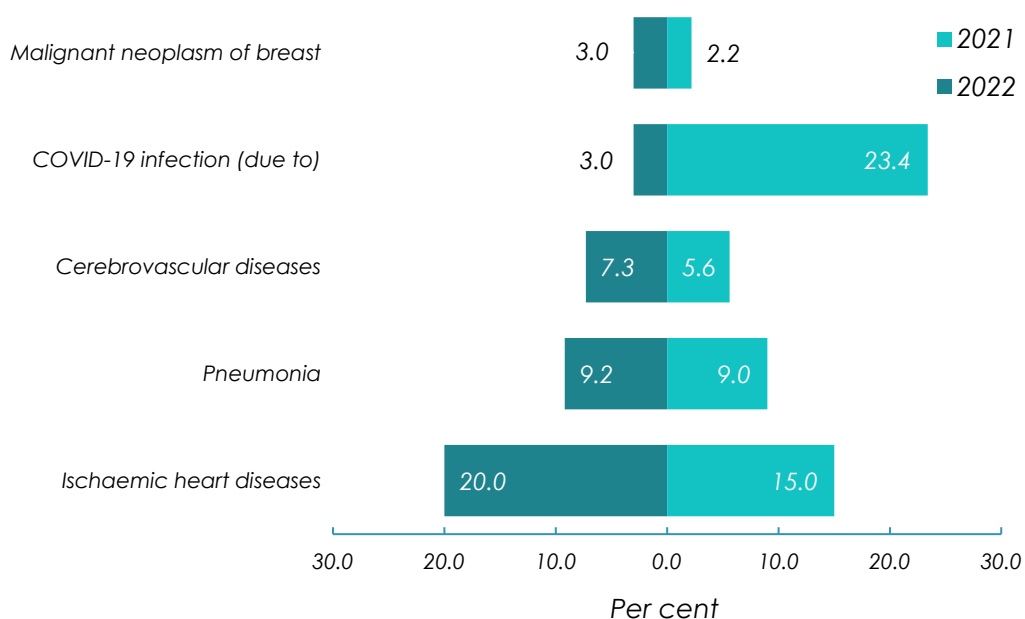
Population aged 15 to 40 years: The National Youth Development Policy of Malaysia defined youth as young people between the age range of 15 to 40 years.

v. **Population aged 41 to 59 years**

Ischaemic heart diseases become the principal causes of deaths for population aged 41 to 59 years

Deaths for population aged 41 to 59 years recorded a decrease of from 52,282 (2021) deaths to 41,640 deaths in 2022. Ischaemic heart diseases become the principal causes of death for population aged 41 to 59 years in 2022 of 20.0 per cent followed by Pneumonia (9.2%), Cerebrovascular diseases (7.3%), COVID-19 infection (due to) (3.0%) and Malignant neoplasm of breast (3.0%).

Chart 28: Five principal causes of death for population aged 41 to 59 years, Malaysia, 2021 and 2022



Note:

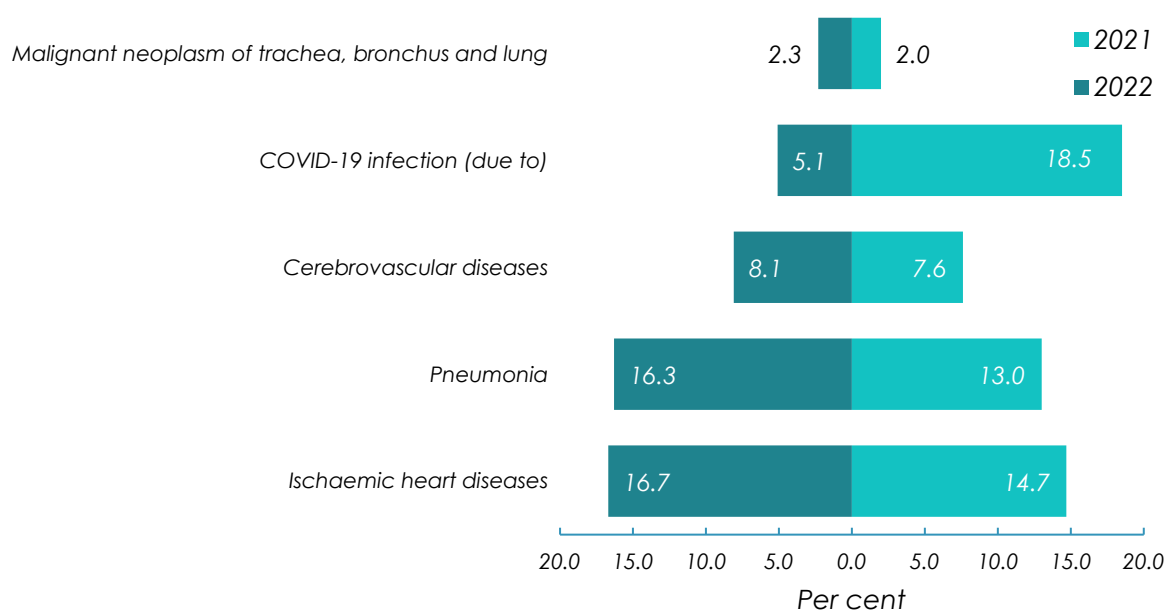
Previously, higher number of deaths was recorded by aged 60 years and over. Of late, the number of deaths by age has transitioned from aged 60 years and over to aged 41 to 59 years.

vi. Population aged 60 years and over

Ischaemic heart diseases become the principal causes of death for population aged 60 years and over

Deaths for population aged 60 years and over recorded a decrease from 150,219 deaths (2021) to 145,301 deaths in 2022. Ischaemic heart diseases was the principal causes of death for population aged 60 years and over in 2022 at 16.7 per cent followed by Pneumonia (16.3%), Cerebrovascular diseases (8.1%), COVID-19 infections (due to) (5.1%) and Malignant neoplasm of trachea, bronchus and lung (2.3%).

Chart 29: Five principal causes of death for population aged 60 years and over, Malaysia, 2021 and 2022



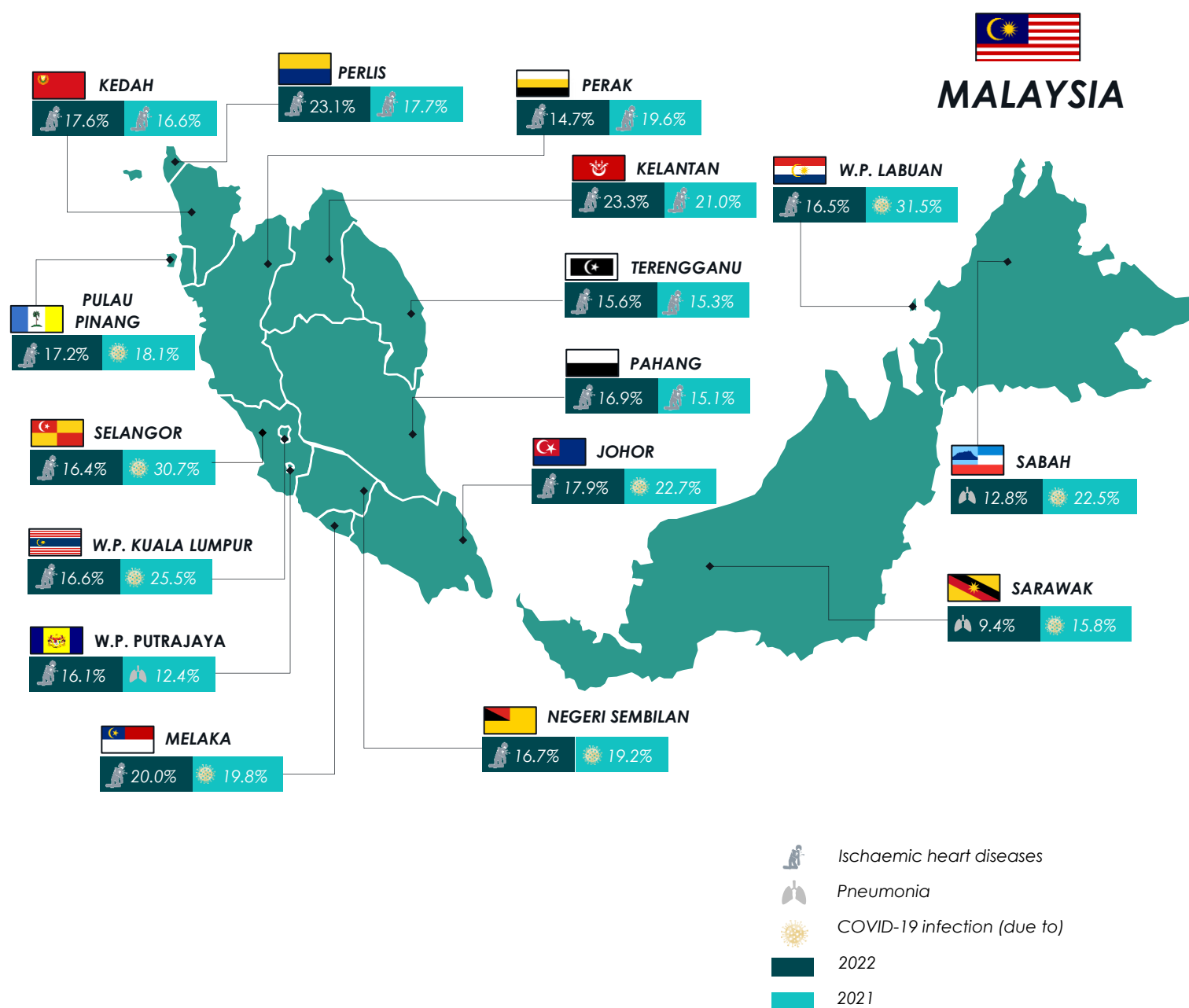
Note:

Population aged 60 years and over: The National Policy for Older Persons defined older person as individuals aged 60 years and over as adopted by United Nations World Assembly on Ageing in Vienna (UN, 1982) and among countries ASEAN

j. **Principal causes of death by state**

All states recorded Ischaemic heart diseases as the principal causes of death in 2022 except for Sabah and Sarawak which recorded Pneumonia as the principal causes of death.

Exhibit 1: The principal causes of death by state, Malaysia, 2021 and 2022



k. Principal causes of death by ASEAN country

Stroke and Ischaemic heart diseases were the principal causes of death for ASEAN countries in 2019.

Exhibit 2: Population, Crude Deaths Rate and the Principal causes of death by ASEAN country, 2019



Brunei
Darussalam



Cambodia



Indonesia



Lao PDR



Malaysia

Population (million)	0.4	16.7	273.5	7.3	32.7
CDR (per 1,000 population)	4.7	6.0	6.6	6.3	6.3
Principal causes of death	Ischaemic heart diseases	Stroke	Stroke	Stroke	Ischaemic heart diseases



Myanmar



Philippines



Singapore



Thailand



Viet Nam

Population (million)	54.4	109.6	5.5	69.8	97.3
CDR (per 1,000 population)	8.3	6.0	5.2	7.9	6.4
Principal causes of death	Stroke	Ischaemic heart diseases	Cancer	Ischaemic heart diseases	Stroke

Note:

In 2022, the principal causes of death in Malaysia was Ischaemic heart diseases while the latest data for other ASEAN countries in World Development Indicators were for 2019 except Singapore (2021)

Data source: World Development Indicators except Malaysia (2022) and Singapore (Ministry of Health Singapore; 2021)

I. Principal causes of death by selected countries

Cancer, Ischaemic heart diseases and COVID-19 were the principal causes of death for selected countries in 2021.

Exhibit 3: Population, Crude Deaths Rate and the Principal causes of death by selected countries, 2021



Australia

United
KingdomUnited
States of
America

Japan



Canada

Republic of
Korea

Population (million)	25.7	67.3	331.9	125.7	38.3	51.7
CDR (per 1,000 population)	6.7	10.0	10.4	11.7	7.8	6.2
Principal causes of death	Ischaemic heart diseases	COVID-19	Ischaemic heart diseases	Cancer	Cancer	Cancer

Note:

In 2022, the principal causes of death in Malaysia was Ischaemic heart diseases

Data source: National Statistics Office and Ministry of Health in selected countries

5. SDG INDICATORS RELATED TO THE STATISTICS ON CAUSES OF DEATH

In September 2015, Malaysia expressed its commitment and support for implementing the 2030 Agenda towards the Sustainable Development Goals (SDG) from 2016 to 2030.

The SDG contains 17 Goals, 169 Targets and 248 Indicators. The statistics on causes of death are part of the indicators listed in Goal 3: Ensure healthy lives and promote well-being for all at all ages. The indicator is 3.4.1.

Indicator 3.4.1: Mortality Rate attributed to Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases

Premature deaths refer to deaths that occur between aged 30 to 69 years. Mortality rates for all four diseases in 2022 decreased as compared to 2021. Among the four diseases, Cardiovascular diseases recorded the highest mortality rate.

Table 2: Premature mortality rate attributed Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases, Malaysia, 2021 and 2022

Year	Rate (per 100,000 population aged 30 to 69 years)			
	Cardiovascular diseases	Cancer	Diabetes	Chronic respiratory diseases
2022	141.9	64.4	7.5	16.7
2021	155.1	69.2	10.3	21.4

JADUAL *TABLES*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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KEMATIAN *DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 1.1: Kematian (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 1.1: Deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian Deaths			Kadar kematian kasar Crude death rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	206,525	117,790	88,735	6.3	6.9	5.7
Johor	25,305	14,618	10,687	6.3	6.8	5.7
Kedah	17,628	9,792	7,836	8.1	8.9	7.4
Kelantan	13,445	7,411	6,034	7.3	8.1	6.6
Melaka	6,630	3,669	2,961	6.6	6.9	6.2
Negeri Sembilan	8,636	4,959	3,677	7.1	7.9	6.3
Pahang	11,022	6,516	4,506	6.8	7.6	5.9
Perak	22,341	12,641	9,700	8.9	9.7	8.0
Perlis	2,422	1,348	1,074	8.4	9.3	7.4
Pulau Pinang	12,920	7,338	5,582	7.4	8.2	6.6
Sabah	17,395	10,084	7,311	5.1	5.7	4.5
Sarawak	16,627	9,566	7,061	6.7	7.5	5.9
Selangor	32,861	19,023	13,838	4.7	5.1	4.2
Terengganu	8,686	4,762	3,924	7.3	7.8	6.8
W.P. Kuala Lumpur	9,962	5,706	4,256	5.1	5.5	4.6
W.P. Labuan	392	218	174	4.0	4.4	3.7
W.P. Putrajaya	253	139	114	2.2	2.4	1.9

Kadar adalah bagi setiap 1,000 penduduk

The rates are per 1,000 population

Jadual 1.2: Kematian (bilangan dan kadar) mengikut kumpulan etnik dan jantina, Malaysia, 2022

Table 1.2: Deaths (number and rate) by ethnic group and sex, Malaysia, 2022

		Jumlah Total	Lelaki Male	Perempuan Female
Warganegara Citizen	Kematian Deaths	202,833	115,665	87,168
	Kadar kematian kasar Crude death rate	6.7	7.6	5.9
Bumiputera	Kematian Deaths	130,541	73,353	57,188
	Kadar kematian kasar Crude death rate	6.2	6.9	5.5
Melayu Malay	Kematian Deaths	108,627	60,835	47,792
	Kadar kematian kasar Crude death rate	6.2	6.9	5.6
Bumiputera Lain Other Bumiputera	Kematian Deaths	21,914	12,518	9,396
	Kadar kematian kasar Crude death rate	6.0	6.7	5.2
Cina Chinese	Kematian Deaths	53,333	30,956	22,377
	Kadar kematian kasar Crude death rate	7.8	8.8	6.6
India Indians	Kematian Deaths	16,935	10,178	6,757
	Kadar kematian kasar Crude death rate	8.5	10.1	6.8
Lain-lain Others	Kematian Deaths	2,024	1,178	846
	Kadar kematian kasar Crude death rate	9.1	9.8	8.2
Bukan warganegara Non-citizen	Kematian Deaths	3,692	2,125	1,567
	Kadar kematian kasar Crude death rate	1.5	1.2	2.1

Kadar adalah bagi setiap 1,000 penduduk mengikut kumpulan etnik
The rates are per 1,000 population by ethnic group

Jadual 1.3: Kematian mengikut kumpulan umur dan jantina, Malaysia, 2022

Table 1.3: Deaths by age group and sex, Malaysia, 2022

Kumpulan umur Age group	Jumlah Total	Lelaki Male	Perempuan Female
Jumlah/ Total	206,525	117,790	88,735
Kurang 1 tahun/ Under 1 year	2,871	1,625	1,246
Kurang 1 hari/ Under 1 day	573	316	257
1 hari hingga < 1 minggu/ 1 day to < 1 week	761	443	318
1 minggu hingga < 4 minggu/ 1 week to < 4 weeks	455	265	190
4 minggu hingga < 3 bulan/ 4 weeks to < 3 months	432	236	196
3 bulan hingga < 6 bulan/ 3 months to < 6 months	348	201	147
6 bulan hingga < 9 bulan/ 6 months to < 9 months	180	109	71
9 bulan hingga < 12 bulan/ 9 months to < 12 months	122	55	67
1 tahun/ 1 year	141	77	64
2 tahun/ 2 years	242	129	113
3 tahun/ 3 years	181	102	79
4 tahun/ 4 years	220	118	102
0-4	3,655	2,051	1,604
5-9	481	275	206
10-14	618	352	266
15-19	1,460	1,084	376
20-24	2,083	1,568	515
25-29	2,339	1,647	692
30-34	3,176	2,165	1,011
35-39	4,632	3,162	1,470
40-44	6,417	4,350	2,067
45-49	8,589	5,682	2,907
50-54	11,865	7,698	4,167
55-59	15,909	10,286	5,623
60-64	21,028	13,127	7,901
65-69	23,650	14,325	9,325
70-74	24,989	14,446	10,543
75-79	24,465	13,446	11,019
80-84	23,434	11,476	11,958
85 dan lebih/ 85 and over	27,735	10,650	17,085

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran State and administrative district	Kematian Deaths			Kadar kematian kasar Crude death rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
Malaysia	206,525	117,790	88,735	6.3	6.9	5.7
Johor	25,305	14,618	10,687	6.3	6.8	5.7
Batu Pahat	3,764	2,152	1,612	7.6	8.2	6.8
Johor Bahru	7,980	4,695	3,285	4.6	5.2	4.0
Kluang	2,412	1,380	1,032	7.5	7.8	7.1
Kota Tinggi	1,922	1,112	810	8.5	9.4	7.6
Mersing	699	380	319	8.8	9.0	8.6
Muar	2,258	1,268	990	7.2	7.4	6.9
Pontian	1,528	873	655	8.8	9.4	8.1
Segamat	1,905	1,095	810	9.6	10.7	8.5
Kulai	1,611	978	633	4.9	5.5	4.1
Tangkak	1,226	685	541	7.4	8.0	6.8
Kedah	17,628	9,792	7,836	8.1	8.9	7.4
Baling	1,492	805	687	10.3	10.9	9.7
Bandar Baharu	455	251	204	10.2	11.0	9.3
Kota Setar	3,388	1,883	1,505	9.0	10.1	7.9
Kuala Muda	3,822	2,133	1,689	6.9	7.6	6.3
Kubang Pasu	2,035	1,129	906	8.2	9.2	7.2
Kulim	2,215	1,224	991	6.5	7.0	5.9
Langkawi	639	391	248	6.6	7.9	5.3
Padang Terap	657	372	285	9.9	10.8	8.9
Sik	723	393	330	10.5	11.2	9.8
Yan	551	292	259	7.5	7.7	7.2
Pendang	1,134	631	503	11.4	11.9	10.7
Pokok Sena	517	288	229	10.3	10.6	10.1
Kelantan¹	13,445	7,411	6,034	7.3	8.1	6.6
Bachok	1,152	599	553	7.2	7.7	6.7
Kota Bharu	3,999	2,214	1,785	7.0	7.8	6.3
Machang	883	461	422	7.8	8.1	7.4
Pasir Mas	1,861	1,022	839	7.9	8.6	7.3
Pasir Puteh	1,194	657	537	8.6	9.5	7.7
Tanah Merah	1,087	607	480	7.1	7.7	6.4
Tumpat	1,350	742	608	7.3	8.2	6.6
Gua Musang	539	327	212	5.2	5.9	4.4
Kuala Krai	945	530	415	8.8	9.8	7.8
Jeli	359	205	154	6.4	7.3	5.5
Kecil Lojing	76	47	29	7.0	8.4	5.5

Nota/ Note : ¹ Jajahan

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kematian Deaths			Kadar kematian kasar Crude death rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
Melaka	6,630	3,669	2,961	6.6	6.9	6.2
Alor Gajah	1,668	883	785	6.6	6.8	6.4
Jasin	1,300	719	581	8.4	8.7	8.1
Melaka Tengah	3,662	2,067	1,595	6.1	6.5	5.6
Negeri Sembilan	8,636	4,959	3,677	7.1	7.9	6.3
Jelevu	452	247	205	9.8	9.9	9.7
Kuala Pilah	812	419	393	11.5	11.6	11.4
Port Dickson	942	586	356	7.2	8.5	5.8
Rembau	442	228	214	9.3	9.4	9.1
Seremban	3,993	2,322	1,671	5.7	6.5	4.9
Tampin	800	461	339	9.0	9.8	8.1
Jempol	1,195	696	499	9.4	10.6	8.0
Pahang	11,022	6,516	4,506	6.8	7.6	5.9
Bentong	914	538	376	7.8	8.2	7.4
Cameron Highlands	216	133	83	5.5	6.0	4.9
Jerantut	787	454	333	8.1	8.8	7.3
Kuantan	2,690	1,608	1,082	4.8	5.6	4.0
Lipis	668	358	310	6.8	6.9	6.7
Pekan	922	546	376	7.5	8.2	6.6
Raub	785	464	321	8.1	9.1	7.0
Temerloh	1,411	823	588	8.2	9.3	7.1
Rompin	860	523	337	8.6	9.6	7.3
Maran	1,045	621	424	9.1	10.4	7.7
Bera	724	448	276	7.3	8.5	6.0
Perak	22,341	12,641	9,700	8.9	9.7	8.0
Batang Padang	1,162	688	474	9.2	10.2	8.1
Manjung	1,964	1,132	832	7.9	8.5	7.2
Kinta	6,870	3,892	2,978	7.7	8.4	6.9
Kerian	1,814	966	848	10.8	11.2	10.4
Kuala Kangsar	1,856	1,071	785	10.5	12.0	9.0
Larut & Matang	2,816	1,603	1,213	10.3	11.4	9.2
Hilir Perak	1,424	819	605	10.0	10.8	9.1
Hulu Perak	934	500	434	9.7	10.1	9.4
Perak Tengah	916	496	420	9.6	10.1	9.0
Kampar	1,064	615	449	10.8	12.3	9.3
Muallim	417	244	173	5.3	6.5	4.3
Bagan Datuk	682	402	280	8.3	8.9	7.6
Selama	422	213	209	12.2	12.2	12.3

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kematian <i>Deaths</i>			Kadar kematian kasar <i>Crude death rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	2,422	1,348	1,074	8.4	9.3	7.4
Pulau Pinang	12,920	7,338	5,582	7.4	8.2	6.6
Seberang Perai Tengah	2,836	1,654	1,182	6.7	7.4	5.9
Seberang Perai Utara	2,534	1,390	1,144	7.4	8.0	6.8
Seberang Perai Selatan	1,458	857	601	7.9	9.2	6.5
Timur Laut	4,546	2,582	1,964	8.2	9.2	7.2
Barat Daya	1,546	855	691	6.5	7.1	5.8
Sabah	17,395	10,084	7,311	5.1	5.7	4.5
Tawau	1,626	952	674	4.4	4.9	3.8
Lahad Datu	853	492	361	3.8	4.1	3.4
Semporna	780	443	337	4.7	5.2	4.2
Sandakan	1,763	970	793	4.1	4.3	3.8
Kinabatangan	266	177	89	1.9	2.3	1.5
Beluran	302	166	136	4.0	4.0	3.9
Kota Kinabalu	2,067	1,157	910	4.1	4.5	3.7
Ranau	567	336	231	6.6	7.5	5.5
Kota Belud	812	460	352	7.5	8.5	6.5
Tuaran	1,003	553	450	7.3	7.9	6.7
Penampang	849	517	332	5.2	6.0	4.3
Papar	972	577	395	6.4	7.1	5.5
Kudat	607	362	245	7.0	8.2	5.7
Kota Marudu	577	356	221	8.1	9.8	6.4
Pitas	317	169	148	8.5	8.8	8.2
Beaufort	729	418	311	9.6	10.6	8.5
Kuala Penyu	277	166	111	11.7	13.8	9.4
Sipitang	315	170	145	8.3	8.6	7.9
Tenom	479	286	193	9.2	10.7	7.6
Nabawan	148	83	65	5.1	5.4	4.7
Keningau	831	496	335	5.4	6.3	4.5
Tambunan	295	156	139	9.2	9.6	8.8
Kunak	274	154	120	4.0	4.2	3.8
Tongod	132	88	44	3.1	3.9	2.3
Putatan	335	230	105	4.8	6.3	3.2
Telupid	125	82	43	4.3	5.2	3.3
Kalabakan	94	68	26	2.0	2.7	1.2

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kematian Deaths			Kadar kematian kasar Crude death rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
Sarawak	16,627	9,566	7,061	6.7	7.5	5.9
Kuching	3,538	2,060	1,478	5.7	6.6	4.8
Bau	447	238	209	8.4	8.7	8.2
Lundu	279	168	111	8.3	9.3	7.0
Samarahan	326	191	135	2.4	3.0	2.0
Serian	695	409	286	8.1	9.3	6.8
Simunjan	355	211	144	9.7	11.0	8.3
Sri Aman	579	339	240	9.5	10.7	8.1
Lubok Antu	261	158	103	10.6	12.7	8.5
Betong	387	211	176	10.6	11.1	10.0
Saratok	239	134	105	10.3	11.8	8.9
Sarikei	401	221	180	9.0	9.9	8.1
Maradong	245	141	104	12.0	13.8	10.1
Daro	176	93	83	9.0	8.8	9.2
Julau	139	73	66	9.0	9.6	8.5
Sibu	1,668	927	741	6.7	7.2	6.1
Dalat	220	132	88	10.4	12.1	8.6
Mukah	330	177	153	7.8	7.9	7.6
Kanowit	353	212	141	14.3	17.2	11.4
Bintulu	549	335	214	3.1	3.5	2.6
Tatau	174	101	73	5.4	5.8	5.0
Kapit	288	155	133	8.0	8.5	7.4
Song	144	82	62	14.3	16.8	12.0
Belaga	110	72	38	4.9	5.6	3.9
Miri	1,431	882	549	5.7	6.7	4.6
Marudi	188	100	88	10.0	10.0	10.0
Limbang	330	185	145	7.2	7.9	6.5
Lawas	288	163	125	7.8	8.6	6.9
Matu	144	76	68	8.8	8.6	9.0
Asajaya	275	156	119	8.1	9.0	7.1
Pakan	148	84	64	9.5	10.3	8.7
Selangau	169	106	63	8.5	10.4	6.5
Tebedu	203	102	101	8.0	8.0	8.1
Pusa	157	81	76	8.0	8.0	8.0
Kabong	196	111	85	10.5	11.9	9.2
Tanjung Manis	81	46	35	10.2	11.0	9.3
Sebauh	195	119	76	6.7	7.3	6.0
Bukit Mabong	135	73	62	13.0	11.5	15.2
Subis	448	246	202	7.9	7.9	8.0
Beluru	201	112	89	7.2	7.5	6.8
Telang Usan	135	84	51	7.8	9.0	6.3

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kematian <i>Deaths</i>			Kadar kematian kasar <i>Crude death rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	32,861	19,023	13,838	4.7	5.1	4.2
Gombak	4,272	2,522	1,750	4.5	5.1	3.8
Klang	5,720	3,331	2,389	5.2	5.6	4.7
Kuala Langat	1,862	1,114	748	5.9	6.8	5.0
Kuala Selangor	1,651	956	695	5.7	6.5	4.9
Petaling	8,859	4,988	3,871	3.8	4.1	3.6
Sabak Bernam	1,240	681	559	11.5	12.1	10.8
Sepang	1,260	742	518	3.8	4.2	3.4
Ulu Langat	6,523	3,793	2,730	4.6	5.1	4.1
Ulu Selangor	1,474	896	578	6.0	6.9	5.0
Terengganu	8,686	4,762	3,924	7.3	7.8	6.8
Besut	1,193	643	550	7.5	7.9	7.0
Dungun	1,185	644	541	7.3	7.7	6.8
Kemaman	1,306	710	596	5.9	6.1	5.7
Kuala Terengganu	2,261	1,246	1,015	9.6	10.4	8.6
Marang	877	471	406	7.2	7.6	6.8
Hulu Terengganu	647	359	288	9.0	9.3	8.5
Setiu	521	299	222	8.5	9.6	7.3
Kuala Nerus	696	390	306	4.6	5.2	4.0
W.P. Kuala Lumpur	9,962	5,706	4,256	5.1	5.5	4.6
W.P. Labuan	392	218	174	4.0	4.4	3.7
W.P. Putrajaya	253	139	114	2.2	2.4	1.9

Kadar adalah bagi setiap 1,000 penduduk

The rates are per 1,000 population

Jadual 1.5: Kematian mengikut klasifikasi, negeri dan jantina, Malaysia, 2022

Table 1.5: Deaths by classification, state and sex, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	126,268	75,738	50,530	80,257	42,052	38,205
Johor	16,673	10,093	6,580	8,632	4,525	4,107
Kedah	10,965	6,434	4,531	6,663	3,358	3,305
Kelantan	8,496	4,923	3,573	4,949	2,488	2,461
Melaka	3,844	2,258	1,586	2,786	1,411	1,375
Negeri Sembilan	6,015	3,624	2,391	2,621	1,335	1,286
Pahang	6,960	4,237	2,723	4,062	2,279	1,783
Perak	12,391	7,641	4,750	9,950	5,000	4,950
Perlis	1,595	932	663	827	416	411
Pulau Pinang	7,761	4,799	2,962	5,159	2,539	2,620
Sabah	8,303	4,998	3,305	9,092	5,086	4,006
Sarawak	7,756	4,640	3,116	8,871	4,926	3,945
Selangor	21,890	13,257	8,633	10,971	5,766	5,205
Terengganu	6,282	3,587	2,695	2,404	1,175	1,229
W.P. Kuala Lumpur	6,823	4,034	2,789	3,139	1,672	1,467
W.P. Labuan	284	155	129	108	63	45
W.P. Putrajaya	230	126	104	23	13	10

Jadual 1.6: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 1.6: Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	20,322	16.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	35,679	44.5
2. Pneumonia	16,770	13.3	Darah tinggi Hypertension	3,911	4.9
3. Cerebrovascular diseases	9,149	7.2	Kencing manis Diabetes mellitus	2,619	3.3
4. COVID-19 infection (due to)	5,314	4.2	Penyakit serebrovaskular Cerebrovascular diseases	2,109	2.6
5. Transport accidents	4,012	3.2	Penyakit jantung iskemia Ischaemic heart diseases	1,024	1.3
6. Malignant neoplasm of trachea, bronchus and lung	2,644	2.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	928	1.2
7. Chronic lower respiratory diseases	2,324	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	917	1.1
8. Hypertensive diseases	2,123	1.7	Lelah Asthma	909	1.1
9. Diabetes mellitus	2,085	1.7	Barah hati Liver cancer	695	0.9
10. Malignant neoplasm of breast	1,922	1.5	Barah payudara Breast cancer	685	0.9
Keseluruhan sebab All causes		126,268	Keseluruhan sebab All causes		80,257

Jadual 1.6: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 1.6: Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	13,817	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,173	38.5		
	2. <i>Pneumonia</i>	9,569	12.6	Darah tinggi <i>Hypertension</i>	2,080	4.9		
	3. <i>Cerebrovascular diseases</i>	5,156	6.8	Kencing manis <i>Diabetes mellitus</i>	1,460	3.5		
	4. <i>Transport accidents</i>	3,451	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,229	2.9		
	5. <i>COVID-19 infection (due to)</i>	3,060	4.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	798	1.9		
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,826	2.4	Lelah <i>Asthma</i>	590	1.4		
	7. <i>Chronic lower respiratory diseases</i>	1,638	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	589	1.4		
	8. <i>Hypertensive diseases</i>	1,229	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	511	1.2		
	9. <i>Malignant neoplasm of colon, rectum and anus</i>	1,101	1.5	Barah hati <i>Liver cancer</i>	477	1.1		
	10. <i>Diseases of the liver</i>	1,084	1.4	Radang paru-paru <i>Pneumonia</i>	280	0.7		
Keseluruhan sebab <i>All causes</i>		75,738	Keseluruhan sebab <i>All causes</i>		42,052			
Perempuan/ Female	1. <i>Pneumonia</i>	7,201	14.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19,506	51.1		
	2. <i>Ischaemic heart diseases</i>	6,505	12.9	Darah tinggi <i>Hypertension</i>	1,831	4.8		
	3. <i>Cerebrovascular diseases</i>	3,993	7.9	Kencing manis <i>Diabetes mellitus</i>	1,159	3.0		
	4. <i>COVID-19 infection (due to)</i>	2,254	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	880	2.3		
	5. <i>Malignant neoplasm of breast</i>	1,910	3.8	Barah payudara <i>Breast cancer</i>	683	1.8		
	6. <i>Diabetes mellitus</i>	1,062	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	417	1.1		
	7. <i>Hypertensive diseases</i>	894	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	328	0.9		
	8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	818	1.6	Lelah <i>Asthma</i>	319	0.8		
	9. <i>Malignant neoplasm of colon, rectum and anus</i>	793	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	226	0.6		
	10. <i>Chronic lower respiratory diseases</i>	686	1.4	Barah hati <i>Liver cancer</i>	218	0.6		
Keseluruhan sebab <i>All causes</i>		50,530	Keseluruhan sebab <i>All causes</i>		38,205			

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2022

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2022

Bandar/ Urban					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. Ischaemic heart diseases	13,712	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	23,401	45.2
2. Pneumonia	11,213	13.1	Darah tinggi <i>Hypertension</i>	3,030	5.9
3. Cerebrovascular diseases	5,944	7.0	Kencing manis <i>Diabetes mellitus</i>	1,858	3.6
4. COVID-19 infection (due to)	3,635	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,472	2.8
5. Transport accidents	2,557	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	739	1.4
6. Malignant neoplasm of trachea, bronchus and lung	1,910	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	732	1.4
7. Malignant neoplasm of breast	1,478	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	630	1.2
8. Malignant neoplasm of colon, rectum and anus	1,404	1.6	Barah hati <i>Liver cancer</i>	544	1.1
9. Hypertensive diseases	1,326	1.6	Barah payudara <i>Breast cancer</i>	540	1.0
10. Chronic lower respiratory diseases	1,280	1.5	Lelah <i>Asthma</i>	536	1.0
Keseluruhan sebab <i>All causes</i>		85,512	Keseluruhan sebab <i>All causes</i>		51,787

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2022 (samb.)

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2022 (cont'd)

Bandar/ Urban						
Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			
	Bil. No.	%		Bil. No.	%	
Lelaki/ Male	1. Ischaemic heart diseases	9,498	18.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	10,648	39.1
	2. Pneumonia	6,488	12.6	Darah tinggi Hypertension	1,632	6.0
	3. Cerebrovascular diseases	3,439	6.7	Kencing manis Diabetes mellitus	1,050	3.9
	4. Transport accidents	2,226	4.3	Penyakit serebrovaskular Cerebrovascular diseases	844	3.1
	5. COVID-19 infection (due to)	2,112	4.1	Penyakit jantung iskemia Ischaemic heart diseases	502	1.8
	6. Malignant neoplasm of trachea, bronchus and lung	1,303	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	466	1.7
	7. Chronic lower respiratory diseases	898	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	413	1.5
	8. Malignant neoplasm of liver and intrahepatic bile ducts	810	1.6	Barah hati Liver cancer	375	1.4
	9. Malignant neoplasm of colon, rectum and anus	798	1.5	Lelah Asthma	345	1.3
	10. Hypertensive diseases	769	1.5	Radang paru-paru Pneumonia	186	0.7
Keseluruhan sebab All causes			51,538	Keseluruhan sebab All causes		
				27,261		
Perempuan/ Female	1. Pneumonia	4,725	13.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	12,753	52.0
	2. Ischaemic heart diseases	4,214	12.4	Darah tinggi Hypertension	1,398	5.7
	3. Cerebrovascular diseases	2,505	7.4	Kencing manis Diabetes mellitus	808	3.3
	4. COVID-19 infection (due to)	1,523	4.5	Penyakit serebrovaskular Cerebrovascular diseases	628	2.6
	5. Malignant neoplasm of breast	1,466	4.3	Barah payudara Breast cancer	539	2.2
	6. Diabetes mellitus	633	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	326	1.3
	7. Malignant neoplasm of trachea, bronchus and lung	607	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	266	1.1
	8. Malignant neoplasm of colon, rectum and anus	606	1.8	Lelah Asthma	191	0.8
	9. Hypertensive diseases	557	1.6	Barah hati Liver cancer	169	0.7
	10. Chronic lower respiratory diseases	382	1.1	Barah rahim Uterus cancer	133	0.5
Keseluruhan sebab All causes			33,974	Keseluruhan sebab All causes		
				24,526		

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2022 (samb.)

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2022 (cont'd)

Luar Bandar/ Rural					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. Ischaemic heart diseases	6,610	16.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	12,278	43.1
2. Pneumonia	5,557	13.6	Darah tinggi <i>Hypertension</i>	881	3.1
3. Cerebrovascular diseases	3,205	7.9	Kencing manis <i>Diabetes mellitus</i>	761	2.7
4. COVID-19 infection (due to)	1,679	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	637	2.2
5. Transport accidents	1,455	3.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	394	1.4
6. Chronic lower respiratory diseases	1,044	2.6	Lelah <i>Asthma</i>	373	1.3
7. Diabetes mellitus	816	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	189	0.7
8. Hypertensive diseases	797	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	185	0.6
9. Malignant neoplasm of trachea, bronchus and lung	734	1.8	Radang paru-paru <i>Pneumonia</i>	154	0.5
10. Malignant neoplasm of colon, rectum and anus	490	1.2	Barah hati <i>Liver cancer</i>	151	0.5
Keseluruhan sebab <i>All causes</i>		40,756	Keseluruhan sebab <i>All causes</i>		28,470

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2022 (samb.)

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2022 (cont'd)

Luar Bandar/ Rural								
Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	4,319	17.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	5,525	37.4		
	2. Pneumonia	3,081	12.7	Darah tinggi Hypertension	448	3.0		
	3. Cerebrovascular diseases	1,717	7.1	Kencing manis Diabetes mellitus	410	2.8		
	4. Transport accidents	1,225	5.1	Penyakit serebrovaskular Cerebrovascular diseases	385	2.6		
	5. COVID-19 infection (due to)	948	3.9	Penyakit jantung iskemia Ischaemic heart diseases	296	2.0		
	6. Chronic lower respiratory diseases	740	3.1	Lelah Asthma	245	1.7		
	7. Malignant neoplasm of trachea, bronchus and lung	523	2.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	123	0.8		
	8. Hypertensive diseases	460	1.9	Barah hati Liver cancer	102	0.7		
	9. Diabetes mellitus	387	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	98	0.7		
	10. Diseases of the liver	337	1.4	Radang paru-paru Pneumonia	94	0.6		
Keseluruhan sebab All causes		24,200		Keseluruhan sebab All causes		14,791		
Perempuan/ Female	1. Pneumonia	2,476	15.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	6,753	49.4		
	2. Ischaemic heart diseases	2,291	13.8	Darah tinggi Hypertension	433	3.2		
	3. Cerebrovascular diseases	1,488	9.0	Kencing manis Diabetes mellitus	351	2.6		
	4. COVID-19 infection (due to)	731	4.4	Penyakit serebrovaskular Cerebrovascular diseases	252	1.8		
	5. Malignant neoplasm of breast	444	2.7	Barah payudara Breast cancer	144	1.1		
	6. Diabetes mellitus	429	2.6	Lelah Asthma	128	0.9		
	7. Hypertensive diseases	337	2.0	Penyakit jantung iskemia Ischaemic heart diseases	98	0.7		
	8. Chronic lower respiratory diseases	304	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	91	0.7		
	9. Transport accidents	230	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	62	0.5		
	10. Malignant neoplasm of trachea, bronchus and lung	211	1.3	Radang paru-paru Pneumonia	60	0.4		
Keseluruhan sebab All causes		16,556		Keseluruhan sebab All causes		13,679		

Jadual 1.8: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kewarganegaraan, Malaysia, 2022

Table 1.8: Ten principal causes of death (medically certified and non-medically certified) by citizenship, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Warganegara/ Citizen	1. Ischaemic heart diseases	20,018	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34,908	44.4
	2. Pneumonia	16,509	13.3	Darah tinggi <i>Hypertension</i>	3,798	4.8
	3. Cerebrovascular diseases	9,000	7.2	Kencing manis <i>Diabetes mellitus</i>	2,586	3.3
	4. COVID-19 infection (due to)	5,050	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,051	2.6
	5. Transport accidents	3,966	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,003	1.3
	6. Malignant neoplasm of trachea, bronchus and lung	2,601	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	915	1.2
	7. Chronic lower respiratory diseases	2,291	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	899	1.1
	8. Hypertensive diseases	2,081	1.7	Lelah <i>Asthma</i>	897	1.1
	9. Diabetes mellitus	2,050	1.7	Barah hati <i>Liver cancer</i>	683	0.9
	10. Malignant neoplasm of breast	1,898	1.5	Barah payudara <i>Breast cancer</i>	676	0.9
Keseluruhan sebab <i>All causes</i>		124,199		Keseluruhan sebab <i>All causes</i>	78,634	
Bukan Warganegara/ Non-citizen	1. Ischaemic heart diseases	304	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	771	47.5
	2. COVID-19 infection (due to)	264	12.8	Darah tinggi <i>Hypertension</i>	113	7.0
	3. Pneumonia	261	12.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	58	3.6
	4. Cerebrovascular diseases	149	7.2	Kencing manis <i>Diabetes mellitus</i>	33	2.0
	5. Transport accidents	46	2.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	21	1.3
	6. Malignant neoplasm of trachea, bronchus and lung	43	2.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	18	1.1
	7. Hypertensive diseases	42	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	13	0.8
	8. Diabetes mellitus	35	1.7	Lelah <i>Asthma</i>	12	0.7
	9. Chronic lower respiratory diseases	33	1.6	Barah hati <i>Liver cancer</i>	12	0.7
	10. Respiratory tuberculosis	31	1.5	Barah payudara <i>Breast cancer</i>	9	0.6
Keseluruhan sebab <i>All causes</i>		2,069		Keseluruhan sebab <i>All causes</i>	1,623	

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2022

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2022

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Melayu/ Malay	1. Ischaemic heart diseases	12,127	17.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		18,721	48.5
	2. Pneumonia	9,435	13.5	Darah tinggi <i>Hypertension</i>		2,154	5.6
	3. Cerebrovascular diseases	5,507	7.9	Kencing manis <i>Diabetes mellitus</i>		1,793	4.6
	4. COVID-19 infection (due to)	2,879	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		1,277	3.3
	5. Transport accidents	2,606	3.7	Lelah <i>Asthma</i>		686	1.8
	6. Diabetes mellitus	1,425	2.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		681	1.8
	7. Chronic lower respiratory diseases	1,398	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		435	1.1
	8. Malignant neoplasm of trachea, bronchus and lung	1,110	1.6	Barah payudara <i>Breast cancer</i>		380	1.0
	9. Malignant neoplasm of breast	1,050	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		372	1.0
	10. Hypertensive diseases	1,013	1.4	Barah hati <i>Liver cancer</i>		321	0.8
Keseluruhan sebab <i>All causes</i>		70,028		Keseluruhan sebab <i>All causes</i>		38,599	
Bumiputera Lain/ Other Bumiputera	1. Pneumonia	1,207	11.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1,608	14.0
	2. Ischaemic heart diseases	728	7.0	Darah tinggi <i>Hypertension</i>		172	1.5
	3. Cerebrovascular diseases	711	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		124	1.1
	4. Hypertensive diseases	396	3.8	Lelah <i>Asthma</i>		61	0.5
	5. Chronic lower respiratory diseases	374	3.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		45	0.4
	6. COVID-19 infection (due to)	319	3.1	Kencing manis <i>Diabetes mellitus</i>		42	0.4
	7. Transport accidents	296	2.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		35	0.3
	8. Malignant neoplasm of trachea, bronchus and lung	281	2.7	Radang paru-paru <i>Pneumonia</i>		30	0.3
	9. Diseases of the liver	156	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		28	0.2
	10. Malignant neoplasm of breast	133	1.3	Tibi/Batuk kering <i>Tuberculosis</i>		25	0.2
Keseluruhan sebab <i>All causes</i>		10,455		Keseluruhan sebab <i>All causes</i>		11,459	

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2022 (samb.)

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2022 (con't)

	Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified		
	Bil. No.	%		Bil. No.	%	
Bumiputera	1. Ischaemic heart diseases	12,855	16.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,329	40.6
	2. Pneumonia	10,642	13.2	Darah tinggi Hypertension	2,326	4.6
	3. Cerebrovascular diseases	6,218	7.7	Kencing manis Diabetes mellitus	1,835	3.7
	4. COVID-19 infection (due to)	3,198	4.0	Penyakit serebrovaskular Cerebrovascular diseases	1,401	2.8
	5. Transport accidents	2,902	3.6	Lelah Asthma	747	1.5
	6. Chronic lower respiratory diseases	1,772	2.2	Penyakit jantung iskemia Ischaemic heart diseases	726	1.5
	7. Diabetes mellitus	1,526	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	463	0.9
	8. Hypertensive diseases	1,409	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	407	0.8
	9. Malignant neoplasm of trachea, bronchus and lung	1,391	1.7	Barah payudara Breast cancer	401	0.8
	10. Malignant neoplasm of breast	1,183	1.5	Barah hati Liver cancer	340	0.7
Keseluruhan sebab All causes		80,483		Keseluruhan sebab All causes		50,058
Cina/ Chinese	1. Ischaemic heart diseases	4,513	14.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	12,040	53.4
	2. Pneumonia	4,266	13.9	Darah tinggi Hypertension	1,018	4.5
	3. Cerebrovascular diseases	2,061	6.7	Penyakit serebrovaskular Cerebrovascular diseases	447	2.0
	4. COVID-19 infection (due to)	1,436	4.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	438	1.9
	5. Malignant neoplasm of trachea, bronchus and lung	1,070	3.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	386	1.7
	6. Malignant neoplasm of colon, rectum and anus	735	2.4	Kencing manis Diabetes mellitus	379	1.7
	7. Malignant neoplasm of liver and intrahepatic bile ducts	579	1.9	Barah hati Liver cancer	295	1.3
	8. Malignant neoplasm of breast	529	1.7	Barah payudara Breast cancer	202	0.9
	9. Transport accidents	519	1.7	Penyakit jantung iskemia Ischaemic heart diseases	182	0.8
	10. Hypertensive diseases	518	1.7	Barah pankreas Pancreas cancer	132	0.6
Keseluruhan sebab All causes		30,778		Keseluruhan sebab All causes		22,555

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2022 (samb.)

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2022 (con't)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
India/ Indians	1. Ischaemic heart diseases	2,482	21.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,249	43.5			
	2. Pneumonia	1,444	12.3	Darah tinggi Hypertension	424	8.2			
	3. Cerebrovascular diseases	665	5.7	Kencing manis Diabetes mellitus	348	6.7			
	4. Transport accidents	485	4.1	Penyakit serebrovaskular Cerebrovascular diseases	180	3.5			
	5. COVID-19 infection (due to)	368	3.1	Penyakit jantung iskemia Ischaemic heart diseases	85	1.6			
	6. Diseases of the liver	344	2.9	Barah payudara Breast cancer	63	1.2			
	7. Diabetes mellitus	210	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	57	1.1			
	8. Malignant neoplasm of breast	159	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	46	0.9			
	9. Chronic lower respiratory diseases	146	1.2	Barah hati Liver cancer	41	0.8			
	10. Hypertensive diseases	133	1.1	Penyakit hati Liver disease	39	0.8			
Keseluruhan sebab All causes			11,761	Keseluruhan sebab All causes			5,174		
Lain-lain ¹ / Others ¹	1. Ischaemic heart diseases	472	14.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,061	43.0			
	2. Pneumonia	418	12.9	Darah tinggi Hypertension	143	5.8			
	3. COVID-19 infection (due to)	312	9.6	Penyakit serebrovaskular Cerebrovascular diseases	81	3.3			
	4. Cerebrovascular diseases	205	6.3	Kencing manis Diabetes mellitus	57	2.3			
	5. Transport accidents	106	3.3	Penyakit jantung iskemia Ischaemic heart diseases	31	1.3			
	6. Hypertensive diseases	63	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	26	1.1			
	7. Malignant neoplasm of trachea, bronchus and lung	59	1.8	Lelah Asthma	25	1.0			
	8. Chronic lower respiratory diseases	58	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	22	0.9			
	9. Diabetes mellitus	57	1.8	Barah hati Liver cancer	19	0.8			
	10. Malignant neoplasm of breast	51	1.6	Barah payudara Breast cancer	19	0.8			
Keseluruhan sebab All causes			3,246	Keseluruhan sebab All causes			2,470		

Nota/ Note : ¹ Lain-lain adalah termasuk Bukan Warganegara

¹ Others are include Non-citizen

Jadual 1.10: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Johor, 2022

Table 1.10: Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	2,982	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,158	59.8
2. <i>Pneumonia</i>	2,248	13.5	Darah tinggi <i>Hypertension</i>	480	5.6
3. <i>Cerebrovascular diseases</i>	1,212	7.3	Kencing manis <i>Diabetes mellitus</i>	218	2.5
4. <i>COVID-19 infection (due to)</i>	833	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	162	1.9
5. <i>Transport accidents</i>	510	3.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	151	1.7
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	337	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	120	1.4
7. <i>Chronic lower respiratory diseases</i>	288	1.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	93	1.1
8. <i>Malignant neoplasm of breast</i>	286	1.7	Barah hati <i>Liver cancer</i>	92	1.1
9. <i>Malignant neoplasm of colon, rectum and anus</i>	269	1.6	Barah payudara <i>Breast cancer</i>	82	0.9
10. <i>Diabetes mellitus</i>	242	1.5	Lelah <i>Asthma</i>	73	0.8
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>	8,632	
	16,673				

Jadual 1.10: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Johor, 2022 (samb.)

Table 1.10: Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	2,074	20.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,451	54.2
	2. Pneumonia	1,294	12.8	Darah tinggi <i>Hypertension</i>	279	6.2
	3. Cerebrovascular diseases	674	6.7	Kencing manis <i>Diabetes mellitus</i>	124	2.7
	4. COVID-19 infection (due to)	475	4.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	121	2.7
	5. Transport accidents	434	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	107	2.4
	6. Malignant neoplasm of trachea, bronchus and lung	231	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	78	1.7
	7. Chronic lower respiratory diseases	215	2.1	Barah hati <i>Liver cancer</i>	62	1.4
	8. Malignant neoplasm of colon, rectum and anus	160	1.6	Lelah <i>Asthma</i>	43	1.0
	9. Hypertensive diseases	140	1.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	42	0.9
	10. Diabetes mellitus	125	1.2	Radang paru-paru <i>Pneumonia</i>	26	0.6
Keseluruhan sebab <i>All causes</i>		10,093		Keseluruhan sebab <i>All causes</i>	4,525	
Perempuan/ Female	1. Pneumonia	954	14.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,707	65.9
	2. Ischaemic heart diseases	908	13.8	Darah tinggi <i>Hypertension</i>	201	4.9
	3. Cerebrovascular diseases	538	8.2	Kencing manis <i>Diabetes mellitus</i>	94	2.3
	4. COVID-19 infection (due to)	358	5.4	Barah payudara <i>Breast cancer</i>	81	2.0
	5. Malignant neoplasm of breast	286	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	55	1.3
	6. Diabetes mellitus	117	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	51	1.2
	7. Malignant neoplasm of colon, rectum and anus	109	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	42	1.0
	8. Malignant neoplasm of trachea, bronchus and lung	106	1.6	Lelah <i>Asthma</i>	30	0.7
	9. Hypertensive diseases	79	1.2	Barah hati <i>Liver cancer</i>	30	0.7
	10. Transport accidents	76	1.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	30	0.7
Keseluruhan sebab <i>All causes</i>		6,580		Keseluruhan sebab <i>All causes</i>	4,107	

Jadual 1.11: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2022

Table 1.11: Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. Ischaemic heart diseases	1,935	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,182	47.8
2. Pneumonia	1,843	16.8	Darah tinggi <i>Hypertension</i>	466	7.0
3. Cerebrovascular diseases	949	8.7	Kencing manis <i>Diabetes mellitus</i>	400	6.0
4. COVID-19 infection (due to)	585	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	313	4.7
5. Transport accidents	513	4.7	Lelah <i>Asthma</i>	296	4.4
6. Chronic lower respiratory diseases	225	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	93	1.4
7. Diabetes mellitus	210	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	84	1.3
8. Malignant neoplasm of trachea, bronchus and lung	136	1.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	79	1.2
9. Hypertensive diseases	118	1.1	Barah payudara <i>Breast cancer</i>	70	1.1
10. Malignant neoplasm of colon, rectum and anus	117	1.1	Radang paru-paru <i>Pneumonia</i>	59	0.9
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>		
10,965			6,663		

Jadual 1.11: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2022 (samb.)

Table 1.11: Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	1,241	19.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,359	40.5
	2. Pneumonia	1,043	16.2	Darah tinggi Hypertension	212	6.3
	3. Cerebrovascular diseases	497	7.7	Kencing manis Diabetes mellitus	204	6.1
	4. Transport accidents	448	7.0	Lelah Asthma	187	5.6
	5. COVID-19 infection (due to)	345	5.4	Penyakit serebrovaskular Cerebrovascular diseases	174	5.2
	6. Chronic lower respiratory diseases	157	2.4	Penyakit jantung iskemia Ischaemic heart diseases	79	2.4
	7. Malignant neoplasm of trachea, bronchus and lung	99	1.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	51	1.5
	8. Diabetes mellitus	93	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	50	1.5
	9. Hypertensive diseases	68	1.1	Barah hati Liver cancer	42	1.3
	10. Malignant neoplasm of colon, rectum and anus	66	1.0	Radang paru-paru Pneumonia	38	1.1
Keseluruhan sebab All causes		6,434		Keseluruhan sebab All causes	3,358	
Perempuan/ Female	1. Pneumonia	800	17.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,823	55.2
	2. Ischaemic heart diseases	694	15.3	Darah tinggi Hypertension	254	7.7
	3. Cerebrovascular diseases	452	10.0	Kencing manis Diabetes mellitus	196	5.9
	4. COVID-19 infection (due to)	240	5.3	Penyakit serebrovaskular Cerebrovascular diseases	139	4.2
	5. Diabetes mellitus	117	2.6	Lelah Asthma	109	3.3
	6. Malignant neoplasm of breast	112	2.5	Barah payudara Breast cancer	70	2.1
	7. Chronic lower respiratory diseases	68	1.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	33	1.0
	8. Transport accidents	65	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	29	0.9
	9. Malignant neoplasm of colon, rectum and anus	51	1.1	Radang paru-paru Pneumonia	21	0.6
	10. Hypertensive diseases	50	1.1	Barah ovari Ovary cancer	14	0.4
Keseluruhan sebab All causes		4,531		Keseluruhan sebab All causes	3,305	

Jadual 1.12: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2022

Table 1.12: Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	1,979	23.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,768	55.9
2. <i>Pneumonia</i>	1,190	14.0	Kencing manis <i>Diabetes mellitus</i>	229	4.6
3. <i>Cerebrovascular diseases</i>	693	8.2	Darah tinggi <i>Hypertension</i>	210	4.2
4. <i>Diabetes mellitus</i>	246	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	194	3.9
5. <i>Transport accidents</i>	228	2.7	Lelah <i>Asthma</i>	98	2.0
6. <i>Chronic lower respiratory diseases</i>	194	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	68	1.4
7. <i>COVID-19 infection (due to)</i>	177	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	48	1.0
8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	110	1.3	Barah hati <i>Liver cancer</i>	43	0.9
9. <i>Malignant neoplasm of breast</i>	100	1.2	Radang paru-paru <i>Pneumonia</i>	38	0.8
10. <i>Hypertensive diseases</i>	91	1.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	31	0.6
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>	4,949	
8,496					

Jadual 1.12: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2022 (samb.)

Table 1.12: Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	1,206	24.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1,213	48.8
	2. Pneumonia	700	14.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		116	4.7
	3. Cerebrovascular diseases	384	7.8	Kencing manis <i>Diabetes mellitus</i>		114	4.6
	4. Transport accidents	190	3.9	Darah tinggi <i>Hypertension</i>		92	3.7
	5. Chronic lower respiratory diseases	128	2.6	Lelah <i>Asthma</i>		74	3.0
	6. Diabetes mellitus	118	2.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		56	2.3
	7. COVID-19 infection (due to)	92	1.9	Barah hati <i>Liver cancer</i>		34	1.4
	8. Malignant neoplasm of trachea, bronchus and lung	75	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		24	1.0
	9. Diseases of the liver	51	1.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		22	0.9
	10. Hypertensive diseases	47	1.0	Radang paru-paru <i>Pneumonia</i>		22	0.9
Keseluruhan sebab <i>All causes</i>		4,923		Keseluruhan sebab <i>All causes</i>		2,488	
Perempuan/ Female	1. Ischaemic heart diseases	773	21.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1,555	63.2
	2. Pneumonia	490	13.7	Darah tinggi <i>Hypertension</i>		118	4.8
	3. Cerebrovascular diseases	309	8.6	Kencing manis <i>Diabetes mellitus</i>		115	4.7
	4. Diabetes mellitus	128	3.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		78	3.2
	5. Malignant neoplasm of breast	100	2.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		26	1.1
	6. COVID-19 infection (due to)	85	2.4	Barah payudara <i>Breast cancer</i>		25	1.0
	7. Chronic lower respiratory diseases	66	1.8	Lelah <i>Asthma</i>		24	1.0
	8. Hypertensive diseases	44	1.2	Radang paru-paru <i>Pneumonia</i>		16	0.7
	9. Transport accidents	38	1.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		12	0.5
	10. Malignant neoplasm of colon, rectum and anus	36	1.0	Barah hati <i>Liver cancer</i>		9	0.4
Keseluruhan sebab <i>All causes</i>		3,573		Keseluruhan sebab <i>All causes</i>		2,461	

Jadual 1.13: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2022

Table 1.13: Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	770	20.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,459	52.4
2. <i>Pneumonia</i>	377	9.8	Darah tinggi <i>Hypertension</i>	167	6.0
3. <i>Cerebrovascular diseases</i>	249	6.5	Kencing manis <i>Diabetes mellitus</i>	132	4.7
4. <i>COVID-19 infection (due to)</i>	235	6.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	74	2.7
5. <i>Transport accidents</i>	121	3.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	56	2.0
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	62	1.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	49	1.8
7. <i>Malignant neoplasm of breast</i>	61	1.6	Barah payudara <i>Breast cancer</i>	37	1.3
8. <i>Chronic lower respiratory diseases</i>	60	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	37	1.3
9. <i>Malignant neoplasm of colon, rectum and anus</i>	57	1.5	Barah hati <i>Liver cancer</i>	32	1.1
10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	49	1.3	Radang paru-paru <i>Pneumonia</i>	23	0.8
Keseluruhan sebab <i>All causes</i>			3,844	Keseluruhan sebab <i>All causes</i>	
				2,786	

Jadual 1.13: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2022 (samb.)

Table 1.13: Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	510	22.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	647	45.9
	2. Pneumonia	201	8.9	Darah tinggi Hypertension	101	7.2
	3. COVID-19 infection (due to)	136	6.0	Kencing manis Diabetes mellitus	71	5.0
	4. Cerebrovascular diseases	130	5.8	Penyakit serebrovaskular Cerebrovascular diseases	43	3.0
	5. Transport accidents	100	4.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	34	2.4
	6. Malignant neoplasm of trachea, bronchus and lung	47	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	29	2.1
	7. Chronic lower respiratory diseases	44	1.9	Penyakit jantung iskemia Ischaemic heart diseases	26	1.8
	8. Malignant neoplasm of liver and intrahepatic bile ducts	40	1.8	Barah hati Liver cancer	24	1.7
	9. Malignant neoplasm of colon, rectum and anus	34	1.5	Barah prostat Prostate cancer	15	1.1
	10. Diseases of the liver	29	1.3	Lelah Asthma	13	0.9
Keseluruhan sebab All causes		2,258		Keseluruhan sebab All causes	1,411	
Perempuan/ Female	1. Ischaemic heart diseases	260	16.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	812	59.1
	2. Pneumonia	176	11.1	Darah tinggi Hypertension	66	4.8
	3. Cerebrovascular diseases	119	7.5	Kencing manis Diabetes mellitus	61	4.4
	4. COVID-19 infection (due to)	99	6.2	Barah payudara Breast cancer	37	2.7
	5. Malignant neoplasm of breast	61	3.8	Penyakit serebrovaskular Cerebrovascular diseases	31	2.3
	6. Malignant neoplasm of colon, rectum and anus	23	1.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	22	1.6
	7. Diabetes mellitus	21	1.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	20	1.5
	8. Hypertensive diseases	21	1.3	Penyakit jantung iskemia Ischaemic heart diseases	11	0.8
	9. Transport accidents	21	1.3	Radang paru-paru Pneumonia	11	0.8
	10. Malignant neoplasm of other and unspecified parts of uterus	16	1.0	Barah ovari Ovary cancer	10	0.7
Keseluruhan sebab All causes		1,586		Keseluruhan sebab All causes	1,375	

Jadual 1.14: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2022

Table 1.14: Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2022

Jumlah/ Total						
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%	
1. Ischaemic heart diseases	1,002	16.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,566	59.7	
2. Pneumonia	677	11.3	Darah tinggi Hypertension	114	4.3	
3. Cerebrovascular diseases	460	7.6	Kencing manis Diabetes mellitus	81	3.1	
4. COVID-19 infection (due to)	221	3.7	Penyakit serebrovaskular Cerebrovascular diseases	56	2.1	
5. Transport accidents	219	3.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	38	1.4	
6. Malignant neoplasm of trachea, bronchus and lung	146	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	32	1.2	
7. Diabetes mellitus	141	2.3	Barah payudara Breast cancer	30	1.1	
8. Hypertensive diseases	135	2.2	Penyakit jantung iskemia Ischaemic heart diseases	29	1.1	
9. Chronic lower respiratory diseases	122	2.0	Barah hati Liver cancer	21	0.8	
10. Malignant neoplasm of breast	121	2.0	Lelah Asthma	20	0.8	
Keseluruhan sebab All causes			6,015	Keseluruhan sebab All causes		2,621

Jadual 1.14: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2022 (samb.)

Table 1.14: Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	684	18.9	Sakit tua 65 tahun dan lebih Old age 65 years and over		682	51.1
	2. Pneumonia	378	10.4	Darah tinggi Hypertension		66	4.9
	3. Cerebrovascular diseases	253	7.0	Kencing manis Diabetes mellitus		54	4.0
	4. Transport accidents	192	5.3	Penyakit serebrovaskular Cerebrovascular diseases		38	2.8
	5. COVID-19 infection (due to)	137	3.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		24	1.8
	6. Malignant neoplasm of trachea, bronchus and lung	98	2.7	Penyakit jantung iskemia Ischaemic heart diseases		22	1.6
	7. Chronic lower respiratory diseases	92	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		18	1.3
	8. Hypertensive diseases	74	2.0	Barah hati Liver cancer		15	1.1
	9. Malignant neoplasm of colon, rectum and anus	72	2.0	Lelah Asthma		13	1.0
	10. Diseases of the liver	71	2.0	Barah prostat Prostate cancer		10	0.7
Keseluruhan sebab All causes		3,624		Keseluruhan sebab All causes		1,335	
Perempuan/ Female	1. Ischaemic heart diseases	318	13.3	Sakit tua 65 tahun dan lebih Old age 65 years and over		884	68.7
	2. Pneumonia	299	12.5	Darah tinggi Hypertension		48	3.7
	3. Cerebrovascular diseases	207	8.7	Barah payudara Breast cancer		29	2.3
	4. Malignant neoplasm of breast	121	5.1	Kencing manis Diabetes mellitus		27	2.1
	5. COVID-19 infection (due to)	84	3.5	Penyakit serebrovaskular Cerebrovascular diseases		18	1.4
	6. Diabetes mellitus	76	3.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		14	1.1
	7. Hypertensive diseases	61	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		14	1.1
	8. Malignant neoplasm of trachea, bronchus and lung	48	2.0	Lelah Asthma		7	0.5
	9. Malignant neoplasm of colon, rectum and anus	44	1.8	Barah ovari Ovary cancer		7	0.5
	10. Chronic lower respiratory diseases	30	1.3	Penyakit jantung iskemia Ischaemic heart diseases		7	0.5
Keseluruhan sebab All causes		2,391		Keseluruhan sebab All causes		1,286	

Jadual 1.15: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2022

Table 1.15: Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	1,179	16.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,903	46.8
2. Pneumonia	1,037	14.9	Darah tinggi Hypertension	182	4.5
3. Cerebrovascular diseases	501	7.2	Penyakit jantung iskemia Ischaemic heart diseases	176	4.3
4. COVID-19 infection (due to)	267	3.8	Kencing manis Diabetes mellitus	174	4.3
5. Transport accidents	258	3.7	Penyakit serebrovaskular Cerebrovascular diseases	148	3.6
6. Chronic lower respiratory diseases	137	2.0	Radang paru-paru Pneumonia	56	1.4
7. Diabetes mellitus	120	1.7	Lelah Asthma	55	1.4
8. Malignant neoplasm of trachea, bronchus and lung	109	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	55	1.4
9. Diseases of the liver	99	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	55	1.4
10. Malignant neoplasm of colon, rectum and anus	92	1.3	Barah payudara Breast cancer	51	1.3
Keseluruhan sebab All causes			Keseluruhan sebab All causes		
6,960			4,062		

Jadual 1.15: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2022 (samb.)

Table 1.15: Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	786	18.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	933	40.9
	2. Pneumonia	607	14.3	Penyakit jantung iskemia Ischaemic heart diseases	127	5.6
	3. Cerebrovascular diseases	277	6.5	Darah tinggi Hypertension	105	4.6
	4. Transport accidents	216	5.1	Kencing manis Diabetes mellitus	101	4.4
	5. COVID-19 infection (due to)	174	4.1	Penyakit serebrovaskular Cerebrovascular diseases	96	4.2
	6. Chronic lower respiratory diseases	97	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	40	1.8
	7. Malignant neoplasm of trachea, bronchus and lung	79	1.9	Lelah Asthma	32	1.4
	8. Diseases of the liver	74	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	32	1.4
	9. Diabetes mellitus	67	1.6	Radang paru-paru Pneumonia	29	1.3
	10. Malignant neoplasm of colon, rectum and anus	50	1.2	Barah hati Liver cancer	24	1.1
Keseluruhan sebab All causes		4,237		Keseluruhan sebab All causes	2,279	
Perempuan/ Female	1. Pneumonia	430	15.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	970	54.4
	2. Ischaemic heart diseases	393	14.4	Darah tinggi Hypertension	77	4.3
	3. Cerebrovascular diseases	224	8.2	Kencing manis Diabetes mellitus	73	4.1
	4. COVID-19 infection (due to)	93	3.4	Penyakit serebrovaskular Cerebrovascular diseases	52	2.9
	5. Malignant neoplasm of breast	63	2.3	Barah payudara Breast cancer	51	2.9
	6. Diabetes mellitus	53	1.9	Penyakit jantung iskemia Ischaemic heart diseases	49	2.7
	7. Malignant neoplasm of colon, rectum and anus	42	1.5	Radang paru-paru Pneumonia	27	1.5
	8. Transport accidents	42	1.5	Lelah Asthma	23	1.3
	9. Chronic lower respiratory diseases	40	1.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	23	1.3
	10. Hypertensive diseases	35	1.3	Barah hati Liver cancer	15	0.8
Keseluruhan sebab All causes		2,723		Keseluruhan sebab All causes	1,783	

Jadual 1.16: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2022

Table 1.16: Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	1,824	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6,180	62.1
2. <i>Pneumonia</i>	1,788	14.4	Darah tinggi <i>Hypertension</i>	419	4.2
3. <i>Cerebrovascular diseases</i>	818	6.6	Kencing manis <i>Diabetes mellitus</i>	346	3.5
4. <i>COVID-19 infection (due to)</i>	728	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	233	2.3
5. <i>Transport accidents</i>	410	3.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	134	1.3
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	224	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	133	1.3
7. <i>Diseases of the liver</i>	195	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	127	1.3
8. <i>Chronic lower respiratory diseases</i>	176	1.4	Barah hati <i>Liver cancer</i>	106	1.1
9. <i>Malignant neoplasm of colon, rectum and anus</i>	165	1.3	Barah payudara <i>Breast cancer</i>	93	0.9
10. <i>Diabetes mellitus</i>	144	1.2	Lelah <i>Asthma</i>	85	0.9
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>	9,950	
	12,391				

Jadual 1.16: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2022 (samb.)

Table 1.16: Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	1,295	16.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,769	55.4
	2. Pneumonia	1,048	13.7	Darah tinggi Hypertension	238	4.8
	3. Cerebrovascular diseases	493	6.5	Kencing manis Diabetes mellitus	196	3.9
	4. COVID-19 infection (due to)	411	5.4	Penyakit serebrovaskular Cerebrovascular diseases	125	2.5
	5. Transport accidents	357	4.7	Penyakit jantung iskemia Ischaemic heart diseases	96	1.9
	6. Malignant neoplasm of trachea, bronchus and lung	161	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	87	1.7
	7. Diseases of the liver	148	1.9	Barah hati Liver cancer	72	1.4
	8. Chronic lower respiratory diseases	131	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	72	1.4
	9. Malignant neoplasm of liver and intrahepatic bile ducts	105	1.4	Lelah Asthma	52	1.0
	10. Malignant neoplasm of colon, rectum and anus	104	1.4	Radang paru-paru Pneumonia	42	0.8
Keseluruhan sebab All causes		7,641		Keseluruhan sebab All causes	5,000	
Perempuan/ Female	1. Pneumonia	740	15.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	3,411	68.9
	2. Ischaemic heart diseases	529	11.1	Darah tinggi Hypertension	181	3.7
	3. Cerebrovascular diseases	325	6.8	Kencing manis Diabetes mellitus	150	3.0
	4. COVID-19 infection (due to)	317	6.7	Penyakit serebrovaskular Cerebrovascular diseases	108	2.2
	5. Malignant neoplasm of breast	136	2.9	Barah payudara Breast cancer	93	1.9
	6. Diabetes mellitus	84	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	61	1.2
	7. Malignant neoplasm of trachea, bronchus and lung	63	1.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	47	0.9
	8. Malignant neoplasm of colon, rectum and anus	61	1.3	Barah hati Liver cancer	34	0.7
	9. Transport accidents	53	1.1	Lelah Asthma	33	0.7
	10. Diseases of the liver	47	1.0	Penyakit jantung iskemia Ischaemic heart diseases	31	0.6
Keseluruhan sebab All causes		4,750		Keseluruhan sebab All causes	4,950	

Jadual 1.17: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2022

Table 1.17: Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	369	23.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	509	61.5
2. Pneumonia	245	15.4	Penyakit jantung iskemia Ischaemic heart diseases	46	5.6
3. Cerebrovascular diseases	110	6.9	Kencing manis Diabetes mellitus	35	4.2
4. COVID-19 infection (due to)	61	3.8	Darah tinggi Hypertension	24	2.9
5. Transport accidents	59	3.7	Lelah Asthma	16	1.9
6. Chronic lower respiratory diseases	34	2.1	Penyakit serebrovaskular Cerebrovascular diseases	15	1.8
7. Malignant neoplasm of trachea, bronchus and lung	22	1.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	12	1.5
8. Diabetes mellitus	20	1.3	Barah payudara Breast cancer	9	1.1
9. Diseases of the liver	15	0.9	Radang paru-paru Pneumonia	5	0.6
10. Malignant neoplasm of liver and intrahepatic bile ducts	14	0.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	4	0.5
Keseluruhan sebab All causes			Keseluruhan sebab All causes		
1,595			827		

Jadual 1.17: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2022 (samb.)

Table 1.17: Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	227	24.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	222	53.4
	2. Pneumonia	144	15.5	Penyakit jantung iskemia Ischaemic heart diseases	30	7.2
	3. Cerebrovascular diseases	56	6.0	Kencing manis Diabetes mellitus	19	4.6
	4. Transport accidents	51	5.5	Darah tinggi Hypertension	13	3.1
	5. COVID-19 infection (due to)	34	3.6	Lelah Asthma	9	2.2
	6. Chronic lower respiratory diseases	22	2.4	Penyakit serebrovaskular Cerebrovascular diseases	9	2.2
	7. Malignant neoplasm of trachea, bronchus and lung	15	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	7	1.7
	8. Diabetes mellitus	11	1.2	Radang paru-paru Pneumonia	4	1.0
	9. Malignant neoplasm of liver and intrahepatic bile ducts	10	1.1	Barah hati Liver cancer	3	0.7
	10. Malignant neoplasm of colon, rectum and anus	9	1.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	2	0.5
Keseluruhan sebab All causes		932		Keseluruhan sebab All causes	416	
Perempuan/ Female	1. Ischaemic heart diseases	142	21.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	287	69.8
	2. Pneumonia	101	15.2	Kencing manis Diabetes mellitus	16	3.9
	3. Cerebrovascular diseases	54	8.1	Penyakit jantung iskemia Ischaemic heart diseases	16	3.9
	4. COVID-19 infection (due to)	27	4.1	Darah tinggi Hypertension	11	2.7
	5. Malignant neoplasm of breast	14	2.1	Barah payudara Breast cancer	9	2.2
	6. Chronic lower respiratory diseases	12	1.8	Lelah Asthma	7	1.7
	7. Diabetes mellitus	9	1.4	Penyakit serebrovaskular Cerebrovascular diseases	6	1.5
	8. Transport accidents	8	1.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	5	1.2
	9. Malignant neoplasm of trachea, bronchus and lung	7	1.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	2	0.5
	10. Diseases of the liver	7	1.1	Anemia Anaemias	1	0.2
Keseluruhan sebab All causes		663		Keseluruhan sebab All causes	411	

Jadual 1.18: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2022

Table 1.18: Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. Ischaemic heart diseases	1,334	17.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,755	53.4
2. Pneumonia	1,075	13.9	Darah tinggi <i>Hypertension</i>	409	7.9
3. Cerebrovascular diseases	413	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	185	3.6
4. COVID-19 infection (due to)	304	3.9	Kencing manis <i>Diabetes mellitus</i>	184	3.6
5. Transport accidents	297	3.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	109	2.1
6. Malignant neoplasm of trachea, bronchus and lung	154	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	99	1.9
7. Hypertensive diseases	142	1.8	Barah hati <i>Liver cancer</i>	74	1.4
8. Malignant neoplasm of breast	129	1.7	Barah payudara <i>Breast cancer</i>	60	1.2
9. Diabetes mellitus	125	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	49	0.9
10. Chronic lower respiratory diseases	115	1.5	Lelah <i>Asthma</i>	47	0.9
Keseluruhan sebab <i>All causes</i>			7,761	Keseluruhan sebab <i>All causes</i>	
				5,159	

Jadual 1.18: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2022 (samb.)

Table 1.18: Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	942	19.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,212	47.7			
	2. Pneumonia	624	13.0	Darah tinggi Hypertension	194	7.6			
	3. Transport accidents	255	5.3	Penyakit serebrovaskular Cerebrovascular diseases	97	3.8			
	4. Cerebrovascular diseases	248	5.2	Kencing manis Diabetes mellitus	96	3.8			
	5. COVID-19 infection (due to)	174	3.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	64	2.5			
	6. Malignant neoplasm of trachea, bronchus and lung	117	2.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	60	2.4			
	7. Hypertensive diseases	92	1.9	Barah hati Liver cancer	46	1.8			
	8. Chronic lower respiratory diseases	85	1.8	Penyakit jantung iskemia Ischaemic heart diseases	37	1.5			
	9. Malignant neoplasm of liver and intrahepatic bile ducts	84	1.8	Lelah Asthma	32	1.3			
	10. Diseases of the liver	77	1.6	Barah prostat Prostate cancer	20	0.8			
Keseluruhan sebab All causes			4,799	Keseluruhan sebab All causes			2,539		
Perempuan/ Female	1. Pneumonia	451	15.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,543	58.9			
	2. Ischaemic heart diseases	392	13.2	Darah tinggi Hypertension	215	8.2			
	3. Cerebrovascular diseases	165	5.6	Kencing manis Diabetes mellitus	88	3.4			
	4. COVID-19 infection (due to)	130	4.4	Penyakit serebrovaskular Cerebrovascular diseases	88	3.4			
	5. Malignant neoplasm of breast	129	4.4	Barah payudara Breast cancer	60	2.3			
	6. Diabetes mellitus	64	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	45	1.7			
	7. Malignant neoplasm of colon, rectum and anus	50	1.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	39	1.5			
	8. Hypertensive diseases	50	1.7	Barah hati Liver cancer	28	1.1			
	9. Transport accidents	42	1.4	Barah rahim Uterus cancer	24	0.9			
	10. Malignant neoplasm of trachea, bronchus and lung	37	1.2	Radang paru-paru Pneumonia	16	0.6			
Keseluruhan sebab All causes			2,962	Keseluruhan sebab All causes			2,620		

Jadual 1.19: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2022

Table 1.19: Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Pneumonia	1,059	12.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,965	21.6
2. Cerebrovascular diseases	531	6.4	Darah tinggi Hypertension	182	2.0
3. Ischaemic heart diseases	529	6.4	Penyakit serebrovaskular Cerebrovascular diseases	147	1.6
4. COVID-19 infection (due to)	406	4.9	Lelah Asthma	51	0.6
5. Hypertensive diseases	398	4.8	Kencing manis Diabetes mellitus	49	0.5
6. Chronic lower respiratory diseases	250	3.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	39	0.4
7. Malignant neoplasm of trachea, bronchus and lung	225	2.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	38	0.4
8. Transport accidents	181	2.2	Penyakit jantung iskemia Ischaemic heart diseases	36	0.4
9. Malignant neoplasm of breast	133	1.6	Radang paru-paru Pneumonia	32	0.4
10. Malignant neoplasm of colon, rectum and anus	122	1.5	Barah payudara Breast cancer	27	0.3
Keseluruhan sebab All causes			8,303	Keseluruhan sebab All causes	
				9,092	

Jadual 1.19: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2022 (samb.)

Table 1.19: Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Pneumonia	597	11.9	Sakit tua 65 tahun dan lebih Old age 65 years and over		978	19.2
	2. Ischaemic heart diseases	397	7.9	Darah tinggi Hypertension		112	2.2
	3. Cerebrovascular diseases	308	6.2	Penyakit serebrovaskular Cerebrovascular diseases		93	1.8
	4. Hypertensive diseases	236	4.7	Lelah Asthma		38	0.7
	5. COVID-19 infection (due to)	216	4.3	Penyakit jantung iskemia Ischaemic heart diseases		30	0.6
	6. Chronic lower respiratory diseases	171	3.4	Kencing manis Diabetes mellitus		27	0.5
	7. Transport accidents	149	3.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		23	0.5
	8. Malignant neoplasm of trachea, bronchus and lung	139	2.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		20	0.4
	9. Malignant neoplasm of liver and intrahepatic bile ducts	76	1.5	Radang paru-paru Pneumonia		19	0.4
	10. Malignant neoplasm of colon, rectum and anus	70	1.4	Barah hati Liver cancer		17	0.3
Keseluruhan sebab All causes		4,998		Keseluruhan sebab All causes		5,086	
Perempuan/ Female	1. Pneumonia	462	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over		987	24.6
	2. Cerebrovascular diseases	223	6.7	Darah tinggi Hypertension		70	1.7
	3. COVID-19 infection (due to)	190	5.7	Penyakit serebrovaskular Cerebrovascular diseases		54	1.3
	4. Hypertensive diseases	162	4.9	Barah payudara Breast cancer		27	0.7
	5. Malignant neoplasm of breast	132	4.0	Kencing manis Diabetes mellitus		22	0.5
	6. Ischaemic heart diseases	132	4.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		18	0.4
	7. Malignant neoplasm of trachea, bronchus and lung	86	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		16	0.4
	8. Chronic lower respiratory diseases	79	2.4	Barah rahim Uterus cancer		14	0.3
	9. Malignant neoplasm of colon, rectum and anus	52	1.6	Lelah Asthma		13	0.3
	10. Diabetes mellitus	41	1.2	Radang paru-paru Pneumonia		13	0.3
Keseluruhan sebab All causes		3,305		Keseluruhan sebab All causes		4,006	

Jadual 1.20: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2022

Table 1.20: Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Pneumonia</i>	729	9.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	159	1.8
2. <i>Ischaemic heart diseases</i>	641	8.3	Darah tinggi <i>Hypertension</i>	9	0.1
3. <i>Cerebrovascular diseases</i>	542	7.0	Radang paru-paru <i>Pneumonia</i>	3	0.0
4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	278	3.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	0.0
5. <i>Chronic lower respiratory diseases</i>	246	3.2	Barah payudara <i>Breast cancer</i>	2	0.0
6. <i>Hypertensive diseases</i>	230	3.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	0.0
7. <i>Transport accidents</i>	168	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	0.0
8. <i>COVID-19 infection (due to)</i>	166	2.1	Anemia <i>Anaemias</i>	1	0.0
9. <i>Malignant neoplasm of colon, rectum and anus</i>	131	1.7	Lelah <i>Asthma</i>	1	0.0
10. <i>Malignant neoplasm of breast</i>	121	1.6	Barah hati <i>Liver cancer</i>	1	0.0
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>	8,871	
	7,756				

Jadual 1.20: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2022 (samb.)

Table 1.20: Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	427	9.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	72	1.5
	2. Pneumonia	388	8.4	Darah tinggi Hypertension	7	0.1
	3. Cerebrovascular diseases	325	7.0	Radang paru-paru Pneumonia	3	0.1
	4. Malignant neoplasm of trachea, bronchus and lung	189	4.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	2	0.0
	5. Chronic lower respiratory diseases	164	3.5	Anemia Anaemias	1	0.0
	6. Transport accidents	144	3.1	Lelah Asthma	1	0.0
	7. Hypertensive diseases	140	3.0	Barah hati Liver cancer	1	0.0
	8. COVID-19 infection (due to)	88	1.9	Barah pankreas Pancreas cancer	1	0.0
	9. Diseases of the liver	86	1.9	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	1	0.0
	10. Malignant neoplasm of colon, rectum and anus	79	1.7	Penyakit hati Liver disease	1	0.0
Keseluruhan sebab All causes		4,640		Keseluruhan sebab All causes	4,926	
Perempuan/ Female	1. Pneumonia	341	10.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	87	2.2
	2. Cerebrovascular diseases	217	7.0	Barah payudara Breast cancer	2	0.1
	3. Ischaemic heart diseases	214	6.9	Darah tinggi Hypertension	2	0.1
	4. Malignant neoplasm of breast	120	3.9	Barah limfoma Lymphoma	1	0.0
	5. Hypertensive diseases	90	2.9	Kencing manis Diabetes mellitus	1	0.0
	6. Malignant neoplasm of trachea, bronchus and lung	89	2.9	Penyakit jantung iskemia Ischaemic heart diseases	1	0.0
	7. Chronic lower respiratory diseases	82	2.6	Penyakit serebrovaskular Cerebrovascular diseases	1	0.0
	8. COVID-19 infection (due to)	78	2.5	-		
	9. Malignant neoplasm of cervix uteri	53	1.7	-		
	10. Malignant neoplasm of colon, rectum and anus	52	1.7	-		
Keseluruhan sebab All causes		3,116		Keseluruhan sebab All causes	3,945	

Jadual 1.21: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2022

Table 1.21: Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. Ischaemic heart diseases	3,582	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,177	47.2
2. Pneumonia	2,721	12.4	Darah tinggi <i>Hypertension</i>	848	7.7
3. Cerebrovascular diseases	1,468	6.7	Kencing manis <i>Diabetes mellitus</i>	516	4.7
4. COVID-19 infection (due to)	937	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	376	3.4
5. Transport accidents	700	3.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	196	1.8
6. Malignant neoplasm of trachea, bronchus and lung	543	2.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	193	1.8
7. Malignant neoplasm of breast	437	2.0	Barah hati <i>Liver cancer</i>	137	1.2
8. Malignant neoplasm of colon, rectum and anus	373	1.7	Barah payudara <i>Breast cancer</i>	133	1.2
9. Hypertensive diseases	293	1.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	122	1.1
10. Diabetes mellitus	287	1.3	Lelah <i>Asthma</i>	84	0.8
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>		
21,890			10,971		

Jadual 1.21: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2022 (samb.)

Table 1.21: Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	2,516	19.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,307	40.0
	2. Pneumonia	1,571	11.9	Darah tinggi Hypertension	461	8.0
	3. Cerebrovascular diseases	868	6.5	Kencing manis Diabetes mellitus	317	5.5
	4. Transport accidents	625	4.7	Penyakit serebrovaskular Cerebrovascular diseases	215	3.7
	5. COVID-19 infection (due to)	550	4.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	128	2.2
	6. Malignant neoplasm of trachea, bronchus and lung	378	2.9	Penyakit jantung iskemia Ischaemic heart diseases	103	1.8
	7. Malignant neoplasm of liver and intrahepatic bile ducts	214	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	102	1.8
	8. Malignant neoplasm of colon, rectum and anus	212	1.6	Barah hati Liver cancer	90	1.6
	9. Diseases of the liver	191	1.4	Lelah Asthma	56	1.0
	10. Diabetes mellitus	154	1.2	Barah prostat Prostate cancer	40	0.7
Keseluruhan sebab All causes		13,257		Keseluruhan sebab All causes	5,766	
Perempuan/ Female	1. Pneumonia	1,150	13.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,870	55.1
	2. Ischaemic heart diseases	1,066	12.3	Darah tinggi Hypertension	387	7.4
	3. Cerebrovascular diseases	600	7.0	Kencing manis Diabetes mellitus	199	3.8
	4. Malignant neoplasm of breast	433	5.0	Penyakit serebrovaskular Cerebrovascular diseases	161	3.1
	5. COVID-19 infection (due to)	387	4.5	Barah payudara Breast cancer	133	2.6
	6. Malignant neoplasm of trachea, bronchus and lung	165	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	94	1.8
	7. Malignant neoplasm of colon, rectum and anus	161	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	65	1.2
	8. Hypertensive diseases	147	1.7	Barah hati Liver cancer	47	0.9
	9. Diabetes mellitus	133	1.5	Barah rahim Uterus cancer	34	0.7
	10. Malignant neoplasm of ovary	112	1.3	Lelah Asthma	28	0.5
Keseluruhan sebab All causes		8,633		Keseluruhan sebab All causes	5,205	

Jadual 1.22: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2022

Table 1.22: Ten principal causes of death (medically certified and non-medically certified) by sex, Terengganu, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	981	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,212	50.4
2. <i>Pneumonia</i>	884	14.1	Darah tinggi <i>Hypertension</i>	184	7.7
3. <i>Cerebrovascular diseases</i>	687	10.9	Kencing manis <i>Diabetes mellitus</i>	142	5.9
4. <i>Diabetes mellitus</i>	239	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	131	5.4
5. <i>Transport accidents</i>	192	3.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	46	1.9
6. <i>COVID-19 infection (due to)</i>	187	3.0	Lelah <i>Asthma</i>	43	1.8
7. <i>Chronic lower respiratory diseases</i>	169	2.7	Barah hati <i>Liver cancer</i>	27	1.1
8. <i>Malignant neoplasm of colon, rectum and anus</i>	105	1.7	Barah payudara <i>Breast cancer</i>	25	1.0
9. <i>Hypertensive diseases</i>	105	1.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	21	0.9
10. <i>Malignant neoplasm of trachea, bronchus and lung</i>	88	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	19	0.8
Keseluruhan sebab <i>All causes</i>		6,282	Keseluruhan sebab <i>All causes</i>		2,404

Jadual 1.22: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2022 (samb.)

Table 1.22: Ten principal causes of death (medically certified and non-medically certified) by sex,

Terengganu, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	680	19.0	Sakit tua 65 tahun dan lebih Old age 65 years and over		518	44.1
	2. Pneumonia	459	12.8	Darah tinggi Hypertension		75	6.4
	3. Cerebrovascular diseases	340	9.5	Kencing manis Diabetes mellitus		74	6.3
	4. Transport accidents	157	4.4	Penyakit serebrovaskular Cerebrovascular diseases		69	5.9
	5. Chronic lower respiratory diseases	131	3.7	Penyakit jantung iskemia Ischaemic heart diseases		38	3.2
	6. Diabetes mellitus	112	3.1	Lelah Asthma		27	2.3
	7. COVID-19 infection (due to)	101	2.8	Barah hati Liver cancer		20	1.7
	8. Malignant neoplasm of trachea, bronchus and lung	62	1.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		14	1.2
	9. Malignant neoplasm of colon, rectum and anus	61	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		13	1.1
	10. Hypertensive diseases	60	1.7	Radang paru-paru Pneumonia		11	0.9
Keseluruhan sebab All causes		3,587		Keseluruhan sebab All causes		1,175	
Perempuan/ Female	1. Pneumonia	425	15.8	Sakit tua 65 tahun dan lebih Old age 65 years and over		694	56.5
	2. Cerebrovascular diseases	347	12.9	Darah tinggi Hypertension		109	8.9
	3. Ischaemic heart diseases	301	11.2	Kencing manis Diabetes mellitus		68	5.5
	4. Diabetes mellitus	127	4.7	Penyakit serebrovaskular Cerebrovascular diseases		62	5.0
	5. COVID-19 infection (due to)	86	3.2	Barah payudara Breast cancer		25	2.0
	6. Malignant neoplasm of breast	78	2.9	Lelah Asthma		16	1.3
	7. Hypertensive diseases	45	1.7	Barah rahim Uterus cancer		10	0.8
	8. Malignant neoplasm of colon, rectum and anus	44	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		8	0.7
	9. Chronic lower respiratory diseases	38	1.4	Penyakit jantung iskemia Ischaemic heart diseases		8	0.7
	10. Transport accidents	35	1.3	Barah hati Liver cancer		7	0.6
Keseluruhan sebab All causes		2,695		Keseluruhan sebab All causes		1,229	

Jadual 1.23: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2022

Table 1.23: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	1,131	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,645	52.4
2. <i>Pneumonia</i>	839	12.3	Darah tinggi <i>Hypertension</i>	203	6.5
3. <i>Cerebrovascular diseases</i>	487	7.1	Kencing manis <i>Diabetes mellitus</i>	111	3.5
4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	203	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	70	2.2
5. <i>COVID-19 infection (due to)</i>	196	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	57	1.8
6. <i>Transport accidents</i>	145	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	45	1.4
7. <i>Malignant neoplasm of colon, rectum and anus</i>	138	2.0	Barah hati <i>Liver cancer</i>	42	1.3
8. <i>Malignant neoplasm of breast</i>	118	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	41	1.3
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	108	1.6	Barah payudara <i>Breast cancer</i>	40	1.3
10. <i>Hypertensive diseases</i>	99	1.5	Tibi/Batuk kering <i>Tuberculosis</i>	20	0.6
Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>	3,139	
	6,823				

Jadual 1.23: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2022 (samb.)

Table 1.23: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.		%		Tidak disahkan secara perubatan Non-medically certified			Bil. No.		%	
Lelaki/ Male	1.	Ischaemic heart diseases	773	19.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	786	47.0						
	2.	Pneumonia	489	12.1	Darah tinggi Hypertension	117	7.0						
	3.	Cerebrovascular diseases	287	7.1	Kencing manis Diabetes mellitus	63	3.8						
	4.	Malignant neoplasm of trachea, bronchus and lung	132	3.3	Penyakit serebrovaskular Cerebrovascular diseases	44	2.6						
	5.	Transport accidents	123	3.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	32	1.9						
	6.	COVID-19 infection (due to)	119	2.9	Penyakit jantung iskemia Ischaemic heart diseases	31	1.9						
	7.	Malignant neoplasm of liver and intrahepatic bile ducts	82	2.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	27	1.6						
	8.	Malignant neoplasm of colon, rectum and anus	76	1.9	Barah hati Liver cancer	26	1.6						
	9.	Hypertensive diseases	52	1.3	Tibi/Batuk kering Tuberculosis	17	1.0						
	10.	Diseases of the liver	50	1.2	Radang paru-paru Pneumonia	12	0.7						
Keseluruhan sebab All causes			4,034		Keseluruhan sebab All causes			1,672					
Perempuan/ Female	1.	Ischaemic heart diseases	358	12.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	859	58.6						
	2.	Pneumonia	350	12.5	Darah tinggi Hypertension	86	5.9						
	3.	Cerebrovascular diseases	200	7.2	Kencing manis Diabetes mellitus	48	3.3						
	4.	Malignant neoplasm of breast	116	4.2	Barah payudara Breast cancer	40	2.7						
	5.	COVID-19 infection (due to)	77	2.8	Penyakit serebrovaskular Cerebrovascular diseases	26	1.8						
	6.	Malignant neoplasm of trachea, bronchus and lung	71	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	25	1.7						
	7.	Malignant neoplasm of colon, rectum and anus	62	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	18	1.2						
	8.	Hypertensive diseases	47	1.7	Barah hati Liver cancer	16	1.1						
	9.	Diabetes mellitus	44	1.6	Barah ovari Ovary cancer	11	0.7						
	10.	Malignant neoplasm of ovary	32	1.1	Penyakit jantung iskemia Ischaemic heart diseases	10	0.7						
Keseluruhan sebab All causes			2,789		Keseluruhan sebab All causes			1,467					

Jadual 1.24: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2022

Table 1.24: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	47	16.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35	32.4
2. <i>Pneumonia</i>	35	12.3	Darah tinggi <i>Hypertension</i>	14	13.0
3. <i>Hypertensive diseases</i>	23	8.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	2.8
4. <i>Cerebrovascular diseases</i>	17	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	1.9
5. <i>Chronic lower respiratory diseases</i>	8	2.8	Lelah <i>Asthma</i>	1	0.9
6. <i>Diseases of the liver</i>	7	2.5	Barah limfoma <i>Lymphoma</i>	1	0.9
7. <i>COVID-19 infection (due to)</i>	7	2.5	Barah peti suara <i>Larynx cancer</i>	1	0.9
8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	5	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.9
9. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	1.8	Demam <i>Fever</i>	1	0.9
10. <i>Malignant neoplasm of breast</i>	4	1.4	Mati Lemas <i>Drowning</i>	1	0.9
Keseluruhan sebab <i>All causes</i>			284	Keseluruhan sebab <i>All causes</i>	
				108	

Jadual 1.24: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2022 (samb.)

Table 1.24: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	32	20.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	20	31.7
	2. Pneumonia	16	10.3	Darah tinggi Hypertension	8	12.7
	3. Hypertensive diseases	13	8.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	2	3.2
	4. Cerebrovascular diseases	10	6.5	Penyakit serebrovaskular Cerebrovascular diseases	2	3.2
	5. Diseases of the liver	7	4.5	Lelah Asthma	1	1.6
	6. Chronic lower respiratory diseases	5	3.2	Barah peti suara Larynx cancer	1	1.6
	7. Malignant neoplasm of liver and intrahepatic bile ducts	4	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	1.6
	8. Transport accidents	4	2.6	Demam Fever	1	1.6
	9. COVID-19 infection (due to)	4	2.6	Penyakit jantung iskemia Ischaemic heart diseases	1	1.6
	10. Malignant neoplasm of colon, rectum and anus	2	1.3	Radang paru-paru Pneumonia	1	1.6
Keseluruhan sebab All causes		155		Keseluruhan sebab All causes	63	
Perempuan/ Female	1. Pneumonia	19	14.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	15	33.3
	2. Ischaemic heart diseases	15	11.6	Darah tinggi Hypertension	6	13.3
	3. Hypertensive diseases	10	7.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	2.2
	4. Cerebrovascular diseases	7	5.4	Barah limfoma Lymphoma	1	2.2
	5. Malignant neoplasm of breast	4	3.1	Mati Lemas Drowning	1	2.2
	6. Malignant neoplasm of trachea, bronchus and lung	3	2.3	Penyakit hati Liver disease	1	2.2
	7. Malignant neoplasm of cervix uteri	3	2.3	Tibi/Batuk kering Tuberculosis	1	2.2
	8. Malignant neoplasm of other and unspecified parts of uterus	3	2.3	-		
	9. Chronic lower respiratory diseases	3	2.3	-		
	10. COVID-19 infection (due to)	3	2.3	-		
Keseluruhan sebab All causes		129		Keseluruhan sebab All causes	45	

Jadual 1.25: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2022

Table 1.25: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2022

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	37	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6	26.1
2. <i>Pneumonia</i>	23	10.0	Barah hati <i>Liver cancer</i>	2	8.7
3. <i>Cerebrovascular diseases</i>	12	5.2	Lelah <i>Asthma</i>	1	4.3
4. <i>Transport accidents</i>	7	3.0	Barah pankreas <i>Pancreas cancer</i>	1	4.3
5. <i>Hypertensive diseases</i>	6	2.6	Barah payudara <i>Breast cancer</i>	1	4.3
6. <i>Diseases of the liver</i>	6	2.6	Kencing manis <i>Diabetes mellitus</i>	1	4.3
7. <i>Malignant neoplasm of breast</i>	5	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	4.3
8. <i>Leukaemia</i>	5	2.2	-		
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	4	1.7	-		
10. <i>COVID-19 infection (due to)</i>	4	1.7	-		
Keseluruhan sebab <i>All causes</i>		230	Keseluruhan sebab <i>All causes</i>		23

Jadual 1.25: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2022 (samb.)

Table 1.25: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.		%		Tidak disahkan secara perubatan Non-medically certified			Bil. No.		%	
Lelaki/ Male	1.	Ischaemic heart diseases	27	21.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			4	30.8				
	2.	Pneumonia	10	7.9	Lelah Asthma			1	7.7				
	3.	Cerebrovascular diseases	6	4.8	Barah hati Liver cancer			1	7.7				
	4.	Transport accidents	6	4.8	Barah pankreas Pancreas cancer			1	7.7				
	5.	Leukaemia	4	3.2	-								
	6.	COVID-19 infection (due to)	4	3.2	-								
	7.	Hypertensive diseases	3	2.4	-								
	8.	Diseases of the liver	3	2.4	-								
	9.	Human immunodeficiency virus (HIV) disease	2	1.6	-								
	10.	Malignant neoplasm of lip, oral cavity and pharynx	2	1.6	-								
Keseluruhan sebab All causes			126		Keseluruhan sebab All causes			13					
Perempuan/ Female	1.	Pneumonia	13	12.5	Sakit tua 65 tahun dan lebih Old age 65 years and over			2	20.0				
	2.	Ischaemic heart diseases	10	9.6	Barah hati Liver cancer			1	10.0				
	3.	Cerebrovascular diseases	6	5.8	Barah payudara Breast cancer			1	10.0				
	4.	Malignant neoplasm of breast	5	4.8	Kencing manis Diabetes mellitus			1	10.0				
	5.	Hypertensive diseases	3	2.9	Penyakit serebrovaskular Cerebrovascular diseases			1	10.0				
	6.	Diseases of the liver	3	2.9	-								
	7.	Malignant neoplasm of colon, rectum and anus	2	1.9	-								
	8.	Malignant neoplasm of liver and intrahepatic bile ducts	2	1.9	-								
	9.	Malignant neoplasm of ovary	2	1.9	-								
	10.	Non-Hodgkin's lymphoma	2	1.9	-								
Keseluruhan sebab All causes			104		Keseluruhan sebab All causes			10					

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2022

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. <i>Ischaemic heart diseases</i>	2,982	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,158	59.8
	2. <i>Pneumonia</i>	2,248	13.5	Darah tinggi <i>Hypertension</i>	480	5.6
	3. <i>Cerebrovascular diseases</i>	1,212	7.3	Kencing manis <i>Diabetes mellitus</i>	218	2.5
	4. <i>COVID-19 infection (due to)</i>	833	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	162	1.9
	5. <i>Transport accidents</i>	510	3.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	151	1.7
	Keseluruhan sebab <i>All causes</i>	16,673		Keseluruhan sebab <i>All causes</i>	8,632	
Batu Pahat	1. <i>Ischaemic heart diseases</i>	695	25.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	878	83.7
	2. <i>Cerebrovascular diseases</i>	271	10.0	Kencing manis <i>Diabetes mellitus</i>	9	0.9
	3. <i>Pneumonia</i>	270	9.9	Darah tinggi <i>Hypertension</i>	8	0.8
	4. <i>COVID-19 infection (due to)</i>	124	4.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	8	0.8
	5. <i>Transport accidents</i>	76	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	0.8
	Keseluruhan sebab <i>All causes</i>	2,715		Keseluruhan sebab <i>All causes</i>	1,049	
Johor Bahru	1. <i>Ischaemic heart diseases</i>	781	15.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,285	46.2
	2. <i>Pneumonia</i>	686	13.2	Darah tinggi <i>Hypertension</i>	298	10.7
	3. <i>Cerebrovascular diseases</i>	321	6.2	Kencing manis <i>Diabetes mellitus</i>	97	3.5
	4. <i>COVID-19 infection (due to)</i>	242	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	82	2.9
	5. <i>Transport accidents</i>	150	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	55	2.0
	Keseluruhan sebab <i>All causes</i>	5,199		Keseluruhan sebab <i>All causes</i>	2,781	

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2022 (samb.)

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Kluang	1. <i>Ischaemic heart diseases</i>	289	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	479	55.8
	2. <i>Pneumonia</i>	227	14.6	Darah tinggi <i>Hypertension</i>	50	5.8
	3. <i>Cerebrovascular diseases</i>	110	7.1	Kencing manis <i>Diabetes mellitus</i>	34	4.0
	4. <i>COVID-19 infection (due to)</i>	76	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	17	2.0
	5. <i>Transport accidents</i>	57	3.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	1.5
	Keseluruhan sebab <i>All causes</i>	1,554		Keseluruhan sebab <i>All causes</i>	858	
Kota Tinggi	1. <i>Pneumonia</i>	240	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	333	70.3
	2. <i>Ischaemic heart diseases</i>	199	13.7	Darah tinggi <i>Hypertension</i>	16	3.4
	3. <i>Cerebrovascular diseases</i>	115	7.9	Kencing manis <i>Diabetes mellitus</i>	13	2.7
	4. <i>COVID-19 infection (due to)</i>	81	5.6	Lelah <i>Asthma</i>	10	2.1
	5. <i>Diabetes mellitus</i>	54	3.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	1.3
	Keseluruhan sebab <i>All causes</i>	1,448		Keseluruhan sebab <i>All causes</i>	474	
Mersing	1. <i>Pneumonia</i>	60	13.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	186	74.1
	2. <i>Ischaemic heart diseases</i>	35	7.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	3	1.2
	3. <i>Cerebrovascular diseases</i>	24	5.4	Kencing manis <i>Diabetes mellitus</i>	3	1.2
	4. <i>COVID-19 infection (due to)</i>	18	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	1.2
	5. <i>Transport accidents</i>	17	3.8	Lelah <i>Asthma</i>	2	0.8
	Keseluruhan sebab <i>All causes</i>	448		Keseluruhan sebab <i>All causes</i>	251	

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2022 (samb.)

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Muar	1. <i>Ischaemic heart diseases</i>	299	22.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	647	71.2
	2. <i>Pneumonia</i>	173	12.8	Darah tinggi <i>Hypertension</i>	41	4.5
	3. <i>Cerebrovascular diseases</i>	104	7.7	Kencing manis <i>Diabetes mellitus</i>	18	2.0
	4. <i>COVID-19 infection (due to)</i>	94	7.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	15	1.7
	5. <i>Transport accidents</i>	44	3.3	Lelah <i>Asthma</i>	9	1.0
	Keseluruhan sebab <i>All causes</i>	1,349		Keseluruhan sebab <i>All causes</i>	909	
Pontian	1. <i>Ischaemic heart diseases</i>	170	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	378	79.6
	2. <i>Pneumonia</i>	169	16.0	Darah tinggi <i>Hypertension</i>	10	2.1
	3. <i>Cerebrovascular diseases</i>	74	7.0	Kencing manis <i>Diabetes mellitus</i>	7	1.5
	4. <i>COVID-19 infection (due to)</i>	41	3.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	4	0.8
	5. <i>Transport accidents</i>	30	2.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	0.6
	Keseluruhan sebab <i>All causes</i>	1,053		Keseluruhan sebab <i>All causes</i>	475	
Segamat	1. <i>Ischaemic heart diseases</i>	186	17.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	523	64.6
	2. <i>Pneumonia</i>	151	13.8	Darah tinggi <i>Hypertension</i>	35	4.3
	3. <i>Cerebrovascular diseases</i>	74	6.8	Kencing manis <i>Diabetes mellitus</i>	22	2.7
	4. <i>COVID-19 infection (due to)</i>	68	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	16	2.0
	5. <i>Transport accidents</i>	37	3.4	Barah payudara <i>Breast cancer</i>	11	1.4
	Keseluruhan sebab <i>All causes</i>	1,096		Keseluruhan sebab <i>All causes</i>	809	

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2022 (samb.)

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Kulai	1. <i>Ischaemic heart diseases</i>	198	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	344	63.6
	2. <i>Pneumonia</i>	166	15.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	30	5.5
	3. <i>Cerebrovascular diseases</i>	62	5.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	13	2.4
	4. <i>Transport accidents</i>	39	3.6	Darah tinggi <i>Hypertension</i>	11	2.0
	5. <i>COVID-19 infection (due to)</i>	37	3.5	Barah hati <i>Liver cancer</i>	10	1.8
	Keseluruhan sebab <i>All causes</i>	1,070		Keseluruhan sebab <i>All causes</i>	541	
Tangkak	1. <i>Ischaemic heart diseases</i>	130	17.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	105	21.6
	2. <i>Pneumonia</i>	106	14.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22	4.5
	3. <i>Cerebrovascular diseases</i>	57	7.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.5
	4. <i>COVID-19 infection (due to)</i>	52	7.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	10	2.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	15	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	10	2.1
	Keseluruhan sebab <i>All causes</i>	741		Keseluruhan sebab <i>All causes</i>	485	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2022

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kedah	1. Ischaemic heart diseases	1,935	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,182	47.8
	2. Pneumonia	1,843	16.8	Darah tinggi <i>Hypertension</i>	466	7.0
	3. Cerebrovascular diseases	949	8.7	Kencing manis <i>Diabetes mellitus</i>	400	6.0
	4. COVID-19 infection (due to)	585	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	313	4.7
	5. Transport accidents	513	4.7	Lelah <i>Asthma</i>	296	4.4
	Keseluruhan sebab <i>All causes</i>	10,965		Keseluruhan sebab <i>All causes</i>	6,663	
Baling	1. Ischaemic heart diseases	180	17.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	231	50.4
	2. Pneumonia	163	15.8	Kencing manis <i>Diabetes mellitus</i>	26	5.7
	3. Cerebrovascular diseases	99	9.6	Darah tinggi <i>Hypertension</i>	22	4.8
	4. COVID-19 infection (due to)	64	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	22	4.8
	5. Transport accidents	59	5.7	Lelah <i>Asthma</i>	12	2.6
	Keseluruhan sebab <i>All causes</i>	1,034		Keseluruhan sebab <i>All causes</i>	458	
Bandar Baharu	1. Pneumonia	42	14.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	91	54.8
	2. Ischaemic heart diseases	39	13.5	Darah tinggi <i>Hypertension</i>	11	6.6
	3. Cerebrovascular diseases	24	8.3	Kencing manis <i>Diabetes mellitus</i>	9	5.4
	4. Transport accidents	18	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	4.8
	5. COVID-19 infection (due to)	14	4.8	Lelah <i>Asthma</i>	3	1.8
	Keseluruhan sebab <i>All causes</i>	289		Keseluruhan sebab <i>All causes</i>	166	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2022 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Kota Setar	1. <i>Pneumonia</i>	378	20.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	707	47.2
	2. <i>Ischaemic heart diseases</i>	290	15.3	Lelah <i>Asthma</i>	107	7.1
	3. <i>Cerebrovascular diseases</i>	138	7.3	Kencing manis <i>Diabetes mellitus</i>	82	5.5
	4. <i>COVID-19 infection (due to)</i>	107	5.7	Darah tinggi <i>Hypertension</i>	79	5.3
	5. <i>Transport accidents</i>	73	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	73	4.9
	Keseluruhan sebab <i>All causes</i>	1,890		Keseluruhan sebab <i>All causes</i>	1,498	
Kuala Muda	1. <i>Ischaemic heart diseases</i>	526	20.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	494	41.1
	2. <i>Pneumonia</i>	340	13.0	Darah tinggi <i>Hypertension</i>	172	14.3
	3. <i>Cerebrovascular diseases</i>	252	9.6	Kencing manis <i>Diabetes mellitus</i>	83	6.9
	4. <i>Transport accidents</i>	144	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	48	4.0
	5. <i>COVID-19 infection (due to)</i>	120	4.6	Lelah <i>Asthma</i>	30	2.5
	Keseluruhan sebab <i>All causes</i>	2,621		Keseluruhan sebab <i>All causes</i>	1,201	
Kubang Pasu	1. <i>Pneumonia</i>	279	22.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	324	41.6
	2. <i>Ischaemic heart diseases</i>	215	17.1	Lelah <i>Asthma</i>	90	11.6
	3. <i>Cerebrovascular diseases</i>	123	9.8	Kencing manis <i>Diabetes mellitus</i>	62	8.0
	4. <i>COVID-19 infection (due to)</i>	59	4.7	Darah tinggi <i>Hypertension</i>	55	7.1
	5. <i>Transport accidents</i>	47	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	47	6.0
	Keseluruhan sebab <i>All causes</i>	1,257		Keseluruhan sebab <i>All causes</i>	778	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2022 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kulim	1. <i>Ischaemic heart diseases</i>	259	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	405	52.5
	2. <i>Pneumonia</i>	215	14.9	Darah tinggi <i>Hypertension</i>	54	7.0
	3. <i>Cerebrovascular diseases</i>	111	7.7	Kencing manis <i>Diabetes mellitus</i>	47	6.1
	4. <i>COVID-19 infection (due to)</i>	90	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	36	4.7
	5. <i>Transport accidents</i>	56	3.9	Lelah <i>Asthma</i>	14	1.8
	Keseluruhan sebab <i>All causes</i>	1,444		Keseluruhan sebab <i>All causes</i>	771	
Langkawi	1. <i>Ischaemic heart diseases</i>	60	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	133	47.0
	2. <i>Cerebrovascular diseases</i>	33	9.3	Darah tinggi <i>Hypertension</i>	14	4.9
	3. <i>Pneumonia</i>	25	7.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	3.9
	4. <i>COVID-19 infection (due to)</i>	20	5.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	3.2
	5. <i>Transport accidents</i>	18	5.1	Kencing manis <i>Diabetes mellitus</i>	8	2.8
	Keseluruhan sebab <i>All causes</i>	356		Keseluruhan sebab <i>All causes</i>	283	
Padang Terap	1. <i>Pneumonia</i>	75	21.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	116	37.5
	2. <i>Ischaemic heart diseases</i>	42	12.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	4.9
	3. <i>Cerebrovascular diseases</i>	35	10.1	Darah tinggi <i>Hypertension</i>	10	3.2
	4. <i>Transport accidents</i>	15	4.3	Kencing manis <i>Diabetes mellitus</i>	10	3.2
	5. <i>COVID-19 infection (due to)</i>	11	3.2	Lelah <i>Asthma</i>	9	2.9
	Keseluruhan sebab <i>All causes</i>	348		Keseluruhan sebab <i>All causes</i>	309	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2022 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sik	1. <i>Ischaemic heart diseases</i>	95	21.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	154	56.8
	2. <i>Pneumonia</i>	74	16.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	16	5.9
	3. <i>Cerebrovascular diseases</i>	41	9.1	Kencing manis <i>Diabetes mellitus</i>	12	4.4
	4. <i>COVID-19 infection (due to)</i>	36	8.0	Darah tinggi <i>Hypertension</i>	10	3.7
	5. <i>Transport accidents</i>	32	7.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	2.2
	Keseluruhan sebab <i>All causes</i>	452		Keseluruhan sebab <i>All causes</i>	271	
Yan	1. <i>Pneumonia</i>	66	21.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	127	51.2
	2. <i>Ischaemic heart diseases</i>	52	17.2	Kencing manis <i>Diabetes mellitus</i>	15	6.0
	3. <i>Cerebrovascular diseases</i>	26	8.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	4.8
	4. <i>COVID-19 infection (due to)</i>	26	8.6	Darah tinggi <i>Hypertension</i>	11	4.4
	5. <i>Chronic lower respiratory diseases</i>	10	3.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	4.4
	Keseluruhan sebab <i>All causes</i>	303		Keseluruhan sebab <i>All causes</i>	248	
Pendang	1. <i>Ischaemic heart diseases</i>	140	19.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	250	59.2
	2. <i>Pneumonia</i>	127	17.8	Kencing manis <i>Diabetes mellitus</i>	28	6.6
	3. <i>Cerebrovascular diseases</i>	50	7.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	4.3
	4. <i>COVID-19 infection (due to)</i>	30	4.2	Darah tinggi <i>Hypertension</i>	13	3.1
	5. <i>Transport accidents</i>	29	4.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	8	1.9
	Keseluruhan sebab <i>All causes</i>	712		Keseluruhan sebab <i>All causes</i>	422	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2022 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%		Bil. No.	%
Pokok Sena	1. <i>Pneumonia</i>	59 22.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	150 58.1	
	2. <i>Ischaemic heart diseases</i>	37 14.3	Kencing manis <i>Diabetes mellitus</i>	18 7.0	
	3. <i>Cerebrovascular diseases</i>	17 6.6	Darah tinggi <i>Hypertension</i>	15 5.8	
	4. <i>Transport accidents</i>	13 5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9 3.5	
	5. <i>Chronic lower respiratory diseases</i>	8 3.1	Lelah <i>Asthma</i>	8 3.1	
Keseluruhan sebab <i>All causes</i>		259	Keseluruhan sebab <i>All causes</i>		258

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2022

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kelantan	1. <i>Ischaemic heart diseases</i>	1,979	23.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,768	55.9
	2. <i>Pneumonia</i>	1,190	14.0	Kencing manis <i>Diabetes mellitus</i>	229	4.6
	3. <i>Cerebrovascular diseases</i>	693	8.2	Darah tinggi <i>Hypertension</i>	210	4.2
	4. <i>Diabetes mellitus</i>	246	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	194	3.9
	5. <i>Transport accidents</i>	228	2.7	Lelah <i>Asthma</i>	98	2.0
	Keseluruhan sebab <i>All causes</i>	8,496		Keseluruhan sebab <i>All causes</i>	4,949	
Bachok	1. <i>Ischaemic heart diseases</i>	168	23.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	291	65.4
	2. <i>Pneumonia</i>	132	18.7	Kencing manis <i>Diabetes mellitus</i>	18	4.0
	3. <i>Cerebrovascular diseases</i>	59	8.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.7
	4. <i>Diabetes mellitus</i>	14	2.0	Darah tinggi <i>Hypertension</i>	10	2.2
	5. <i>Transport accidents</i>	13	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	1.6
	Keseluruhan sebab <i>All causes</i>	707		Keseluruhan sebab <i>All causes</i>	445	
Kota Bharu	1. <i>Ischaemic heart diseases</i>	592	23.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	684	45.4
	2. <i>Pneumonia</i>	335	13.4	Darah tinggi <i>Hypertension</i>	103	6.8
	3. <i>Cerebrovascular diseases</i>	214	8.6	Kencing manis <i>Diabetes mellitus</i>	97	6.4
	4. <i>Diabetes mellitus</i>	77	3.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	85	5.6
	5. <i>Transport accidents</i>	60	2.4	Lelah <i>Asthma</i>	32	2.1
	Keseluruhan sebab <i>All causes</i>	2,492		Keseluruhan sebab <i>All causes</i>	1,507	

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2022 (samb.)

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Machang	1. <i>Ischaemic heart diseases</i>	127	22.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	214	67.5
	2. <i>Pneumonia</i>	98	17.3	Kencing manis <i>Diabetes mellitus</i>	10	3.2
	3. <i>Cerebrovascular diseases</i>	56	9.9	Darah tinggi <i>Hypertension</i>	9	2.8
	4. <i>Transport accidents</i>	24	4.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	1.9
	5. <i>COVID-19 infection (due to)</i>	15	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.6
	Keseluruhan sebab <i>All causes</i>	566		Keseluruhan sebab <i>All causes</i>	317	
Pasir Mas	1. <i>Ischaemic heart diseases</i>	257	22.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	429	60.8
	2. <i>Pneumonia</i>	138	11.9	Kencing manis <i>Diabetes mellitus</i>	34	4.8
	3. <i>Cerebrovascular diseases</i>	99	8.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	24	3.4
	4. <i>COVID-19 infection (due to)</i>	46	4.0	Darah tinggi <i>Hypertension</i>	19	2.7
	5. <i>Transport accidents</i>	35	3.0	Lelah <i>Asthma</i>	9	1.3
	Keseluruhan sebab <i>All causes</i>	1,155		Keseluruhan sebab <i>All causes</i>	706	
Pasir Puteh	1. <i>Ischaemic heart diseases</i>	165	21.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	231	55.8
	2. <i>Pneumonia</i>	125	16.0	Darah tinggi <i>Hypertension</i>	23	5.6
	3. <i>Cerebrovascular diseases</i>	62	7.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	4.3
	4. <i>Diabetes mellitus</i>	26	3.3	Lelah <i>Asthma</i>	13	3.1
	5. <i>COVID-19 infection (due to)</i>	26	3.3	Kencing manis <i>Diabetes mellitus</i>	9	2.2
	Keseluruhan sebab <i>All causes</i>	780		Keseluruhan sebab <i>All causes</i>	414	

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2022 (samb.)

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Tanah Merah	1. <i>Ischaemic heart diseases</i>	177	25.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	227	60.1
	2. <i>Pneumonia</i>	108	15.2	Kencing manis <i>Diabetes mellitus</i>	17	4.5
	3. <i>Cerebrovascular diseases</i>	54	7.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	4.0
	4. <i>Transport accidents</i>	24	3.4	Darah tinggi <i>Hypertension</i>	12	3.2
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	13	1.8	Lelah <i>Asthma</i>	10	2.6
	Keseluruhan sebab <i>All causes</i>	709		Keseluruhan sebab <i>All causes</i>	378	
Tumpat	1. <i>Ischaemic heart diseases</i>	243	26.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	272	64.0
	2. <i>Pneumonia</i>	81	8.8	Darah tinggi <i>Hypertension</i>	17	4.0
	3. <i>Diabetes mellitus</i>	59	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	3.1
	4. <i>Chronic lower respiratory diseases</i>	49	5.3	Lelah <i>Asthma</i>	9	2.1
	5. <i>Cerebrovascular diseases</i>	44	4.8	Kencing manis <i>Diabetes mellitus</i>	7	1.6
	Keseluruhan sebab <i>All causes</i>	925		Keseluruhan sebab <i>All causes</i>	425	
Gua Musang	1. <i>Pneumonia</i>	41	15.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	129	48.7
	2. <i>Ischaemic heart diseases</i>	36	13.1	Kencing manis <i>Diabetes mellitus</i>	14	5.3
	3. <i>Cerebrovascular diseases</i>	19	6.9	Lelah <i>Asthma</i>	9	3.4
	4. <i>Transport accidents</i>	8	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	3.4
	5. <i>Diseases of the liver</i>	7	2.6	Darah tinggi <i>Hypertension</i>	8	3.0
	Keseluruhan sebab <i>All causes</i>	274		Keseluruhan sebab <i>All causes</i>	265	

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2022 (samb.)

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kuala Krai	1. <i>Ischaemic heart diseases</i>	147	24.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	220	63.2
	2. <i>Pneumonia</i>	91	15.2	Kencing manis <i>Diabetes mellitus</i>	16	4.6
	3. <i>Cerebrovascular diseases</i>	62	10.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	2.0
	4. <i>Transport accidents</i>	23	3.9	Lelah <i>Asthma</i>	5	1.4
	5. <i>Chronic lower respiratory diseases</i>	17	2.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	1.1
	Keseluruhan sebab <i>All causes</i>	597		Keseluruhan sebab <i>All causes</i>	348	
Jeli	1. <i>Ischaemic heart diseases</i>	65	26.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	60	53.1
	2. <i>Pneumonia</i>	30	12.2	Kencing manis <i>Diabetes mellitus</i>	6	5.3
	3. <i>Cerebrovascular diseases</i>	21	8.5	Darah tinggi <i>Hypertension</i>	4	3.5
	4. <i>Transport accidents</i>	11	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	3.5
	5. <i>Chronic lower respiratory diseases</i>	9	3.7	Lelah <i>Asthma</i>	2	1.8
	Keseluruhan sebab <i>All causes</i>	246		Keseluruhan sebab <i>All causes</i>	113	
Kecil Lojing	1. <i>Pneumonia</i>	11	24.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11	35.5
	2. <i>Transport accidents</i>	6	13.3	Lelah <i>Asthma</i>	2	6.5
	3. <i>Cerebrovascular diseases</i>	3	6.7	Darah tinggi <i>Hypertension</i>	2	6.5
	4. <i>Respiratory tuberculosis</i>	2	4.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	6.5
	5. <i>Ischaemic heart diseases</i>	2	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	6.5
	Keseluruhan sebab <i>All causes</i>	45		Keseluruhan sebab <i>All causes</i>	31	

Jadual 1.29: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2022

Table 1.29: Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Melaka	1. <i>Ischaemic heart diseases</i>	770	20.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,459	52.4
	2. <i>Pneumonia</i>	377	9.8	Darah tinggi <i>Hypertension</i>	167	6.0
	3. <i>Cerebrovascular diseases</i>	249	6.5	Kencing manis <i>Diabetes mellitus</i>	132	4.7
	4. <i>COVID-19 infection (due to)</i>	235	6.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	74	2.7
	5. <i>Transport accidents</i>	121	3.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	56	2.0
	Keseluruhan sebab <i>All causes</i>	3,844		Keseluruhan sebab <i>All causes</i>	2,786	
Alor Gajah	1. <i>Ischaemic heart diseases</i>	177	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	402	56.9
	2. <i>Pneumonia</i>	71	7.4	Darah tinggi <i>Hypertension</i>	43	6.1
	3. <i>Cerebrovascular diseases</i>	66	6.9	Kencing manis <i>Diabetes mellitus</i>	31	4.4
	4. <i>COVID-19 infection (due to)</i>	57	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	2.7
	5. <i>Transport accidents</i>	40	4.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	15	2.1
	Keseluruhan sebab <i>All causes</i>	962		Keseluruhan sebab <i>All causes</i>	706	
Jasin	1. <i>Ischaemic heart diseases</i>	159	20.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	296	57.9
	2. <i>Pneumonia</i>	99	12.5	Darah tinggi <i>Hypertension</i>	29	5.7
	3. <i>COVID-19 infection (due to)</i>	46	5.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	14	2.7
	4. <i>Cerebrovascular diseases</i>	40	5.1	Kencing manis <i>Diabetes mellitus</i>	12	2.3
	5. <i>Transport accidents</i>	30	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	2.2
	Keseluruhan sebab <i>All causes</i>	789		Keseluruhan sebab <i>All causes</i>	511	

Jadual 1.29: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2022 (samb.)

Table 1.29: Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Melaka Tengah	1. Ischaemic heart diseases	434	20.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		761	48.5
	2. Pneumonia	207	9.9	Darah tinggi <i>Hypertension</i>		95	6.1
	3. Cerebrovascular diseases	143	6.8	Kencing manis <i>Diabetes mellitus</i>		89	5.7
	4. COVID-19 infection (due to)	132	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		44	2.8
	5. Transport accidents	51	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		37	2.4
Keseluruhan sebab <i>All causes</i>		2,093		Keseluruhan sebab <i>All causes</i>		1,569	

Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2022

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Negeri Sembilan	1. <i>Ischaemic heart diseases</i>	1,002	16.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,566	59.7
	2. <i>Pneumonia</i>	677	11.3	Darah tinggi <i>Hypertension</i>	114	4.3
	3. <i>Cerebrovascular diseases</i>	460	7.6	Kencing manis <i>Diabetes mellitus</i>	81	3.1
	4. <i>COVID-19 infection (due to)</i>	221	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	56	2.1
	5. <i>Transport accidents</i>	219	3.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	38	1.4
	Keseluruhan sebab <i>All causes</i>	6,015		Keseluruhan sebab <i>All causes</i>	2,621	
Jejebu	1. <i>Ischaemic heart diseases</i>	65	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	51	76.1
	2. <i>Hypertensive diseases</i>	47	12.2	Darah tinggi <i>Hypertension</i>	2	3.0
	3. <i>Pneumonia</i>	43	11.2	Kencing manis <i>Diabetes mellitus</i>	2	3.0
	4. <i>Cerebrovascular diseases</i>	21	5.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	3.0
	5. <i>Diabetes mellitus</i>	15	3.9	Anemia <i>Anaemias</i>	1	1.5
	Keseluruhan sebab <i>All causes</i>	385		Keseluruhan sebab <i>All causes</i>	67	
Kuala Pilah	1. <i>Pneumonia</i>	75	15.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	222	67.7
	2. <i>Ischaemic heart diseases</i>	51	10.5	Darah tinggi <i>Hypertension</i>	18	5.5
	3. <i>Cerebrovascular diseases</i>	34	7.0	Kencing manis <i>Diabetes mellitus</i>	11	3.4
	4. <i>Chronic lower respiratory diseases</i>	22	4.5	Lelah <i>Asthma</i>	6	1.8
	5. <i>Transport accidents</i>	21	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.5
	Keseluruhan sebab <i>All causes</i>	484		Keseluruhan sebab <i>All causes</i>	328	

Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2022 (samb.)

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Port Dickson	1. <i>Ischaemic heart diseases</i>	158	21.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	92	45.5
	2. <i>Cerebrovascular diseases</i>	67	9.1	Kencing manis <i>Diabetes mellitus</i>	14	6.9
	3. <i>Pneumonia</i>	55	7.4	Darah tinggi <i>Hypertension</i>	13	6.4
	4. <i>Transport accidents</i>	26	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	3.5
	5. <i>Diabetes mellitus</i>	24	3.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	4	2.0
	Keseluruhan sebab <i>All causes</i>	740		Keseluruhan sebab <i>All causes</i>	202	
Rembau	1. <i>Ischaemic heart diseases</i>	77	21.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	52	68.4
	2. <i>Pneumonia</i>	34	9.3	Kencing manis <i>Diabetes mellitus</i>	6	7.9
	3. <i>Cerebrovascular diseases</i>	30	8.2	Darah tinggi <i>Hypertension</i>	4	5.3
	4. <i>COVID-19 infection (due to)</i>	16	4.4	Lelah <i>Asthma</i>	1	1.3
	5. <i>Chronic lower respiratory diseases</i>	14	3.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.3
	Keseluruhan sebab <i>All causes</i>	366		Keseluruhan sebab <i>All causes</i>	76	
Seremban	1. <i>Ischaemic heart diseases</i>	414	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	784	56.6
	2. <i>Pneumonia</i>	287	11.0	Darah tinggi <i>Hypertension</i>	64	4.6
	3. <i>Cerebrovascular diseases</i>	188	7.2	Kencing manis <i>Diabetes mellitus</i>	38	2.7
	4. <i>COVID-19 infection (due to)</i>	107	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	30	2.2
	5. <i>Transport accidents</i>	103	3.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	27	1.9
	Keseluruhan sebab <i>All causes</i>	2,608		Keseluruhan sebab <i>All causes</i>	1,385	

Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2022 (samb.)

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Tampin	1. <i>Ischaemic heart diseases</i>	115	19.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	126	60.3
	2. <i>Pneumonia</i>	62	10.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	4.3
	3. <i>Cerebrovascular diseases</i>	55	9.3	Darah tinggi <i>Hypertension</i>	6	2.9
	4. <i>Diabetes mellitus</i>	23	3.9	Kencing manis <i>Diabetes mellitus</i>	5	2.4
	5. <i>Transport accidents</i>	23	3.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5	2.4
	Keseluruhan sebab <i>All causes</i>	591		Keseluruhan sebab <i>All causes</i>	209	
Jempol	1. <i>Ischaemic heart diseases</i>	122	14.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	239	67.5
	2. <i>Pneumonia</i>	121	14.4	Darah tinggi <i>Hypertension</i>	7	2.0
	3. <i>Cerebrovascular diseases</i>	65	7.7	Kencing manis <i>Diabetes mellitus</i>	5	1.4
	4. <i>COVID-19 infection (due to)</i>	27	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	1.1
	5. <i>Transport accidents</i>	24	2.9	Barah payudara <i>Breast cancer</i>	3	0.8
	Keseluruhan sebab <i>All causes</i>	841		Keseluruhan sebab <i>All causes</i>	354	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2022

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pahang	1. <i>Ischaemic heart diseases</i>	1,179	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,903	46.8
	2. <i>Pneumonia</i>	1,037	14.9	Darah tinggi <i>Hypertension</i>	182	4.5
	3. <i>Cerebrovascular diseases</i>	501	7.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	176	4.3
	4. <i>COVID-19 infection (due to)</i>	267	3.8	Kencing manis <i>Diabetes mellitus</i>	174	4.3
	5. <i>Transport accidents</i>	258	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	148	3.6
	Keseluruhan sebab <i>All causes</i>	6,960		Keseluruhan sebab <i>All causes</i>	4,062	
Bentong	1. <i>Ischaemic heart diseases</i>	147	22.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	140	53.4
	2. <i>Pneumonia</i>	84	12.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	16	6.1
	3. <i>Cerebrovascular diseases</i>	54	8.3	Kencing manis <i>Diabetes mellitus</i>	9	3.4
	4. <i>COVID-19 infection (due to)</i>	33	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	3.4
	5. <i>Transport accidents</i>	20	3.1	Darah tinggi <i>Hypertension</i>	8	3.1
	Keseluruhan sebab <i>All causes</i>	652		Keseluruhan sebab <i>All causes</i>	262	
Cameron Highlands	1. <i>Ischaemic heart diseases</i>	27	19.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	42	55.3
	2. <i>Pneumonia</i>	16	11.4	Darah tinggi <i>Hypertension</i>	4	5.3
	3. <i>Cerebrovascular diseases</i>	9	6.4	Barah perut <i>Stomach cancer</i>	3	3.9
	4. <i>Transport accidents</i>	7	5.0	Lelah <i>Asthma</i>	2	2.6
	5. <i>Diseases of the liver</i>	5	3.6	Barah bibir,dalam mulut dan tekak <i>Lip, oral cavity and pharynx cancer</i>	1	1.3
	Keseluruhan sebab <i>All causes</i>	140		Keseluruhan sebab <i>All causes</i>	76	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2022 (samb.)

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Jerantut	1. <i>Pneumonia</i>	90	19.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	216	67.3
	2. <i>Ischaemic heart diseases</i>	72	15.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	2.8
	3. <i>Cerebrovascular diseases</i>	39	8.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	2.5
	4. <i>Hypertensive diseases</i>	16	3.4	Darah tinggi <i>Hypertension</i>	5	1.6
	5. <i>COVID-19 infection (due to)</i>	15	3.2	Kencing manis <i>Diabetes mellitus</i>	5	1.6
	Keseluruhan sebab <i>All causes</i>	466		Keseluruhan sebab <i>All causes</i>	321	
Kuantan	1. <i>Pneumonia</i>	197	13.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	557	44.2
	2. <i>Ischaemic heart diseases</i>	146	10.2	Darah tinggi <i>Hypertension</i>	76	6.0
	3. <i>Cerebrovascular diseases</i>	89	6.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	62	4.9
	4. <i>COVID-19 infection (due to)</i>	68	4.8	Kencing manis <i>Diabetes mellitus</i>	48	3.8
	5. <i>Transport accidents</i>	62	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	37	2.9
	Keseluruhan sebab <i>All causes</i>	1,429		Keseluruhan sebab <i>All causes</i>	1,261	
Lipis	1. <i>Ischaemic heart diseases</i>	95	22.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	136	56.9
	2. <i>Pneumonia</i>	64	14.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	2.9
	3. <i>COVID-19 infection (due to)</i>	20	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	2.9
	4. <i>Cerebrovascular diseases</i>	18	4.2	Lelah <i>Asthma</i>	5	2.1
	5. <i>Transport accidents</i>	14	3.3	Kencing manis <i>Diabetes mellitus</i>	4	1.7
	Keseluruhan sebab <i>All causes</i>	429		Keseluruhan sebab <i>All causes</i>	239	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2022 (samb.)

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Pekan	1. <i>Pneumonia</i>	82	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		168	35.1
	2. <i>Ischaemic heart diseases</i>	56	12.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		50	10.5
	3. <i>Transport accidents</i>	26	5.9	Lelah <i>Asthma</i>		16	3.3
	4. <i>Cerebrovascular diseases</i>	22	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		15	3.1
	5. <i>COVID-19 infection (due to)</i>	19	4.3	Radang paru-paru <i>Pneumonia</i>		13	2.7
	Keseluruhan sebab <i>All causes</i>	444		Keseluruhan sebab <i>All causes</i>		478	
Raub	1. <i>Ischaemic heart diseases</i>	89	16.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		186	73.5
	2. <i>Pneumonia</i>	82	15.4	Darah tinggi <i>Hypertension</i>		8	3.2
	3. <i>Cerebrovascular diseases</i>	39	7.3	Kencing manis <i>Diabetes mellitus</i>		4	1.6
	4. <i>COVID-19 infection (due to)</i>	25	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		4	1.6
	5. <i>Diabetes mellitus</i>	17	3.2	Barah payudara <i>Breast cancer</i>		3	1.2
	Keseluruhan sebab <i>All causes</i>	532		Keseluruhan sebab <i>All causes</i>		253	
Temerloh	1. <i>Ischaemic heart diseases</i>	234	21.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		139	47.0
	2. <i>Pneumonia</i>	161	14.4	Kencing manis <i>Diabetes mellitus</i>		13	4.4
	3. <i>Cerebrovascular diseases</i>	86	7.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		13	4.4
	4. <i>Diabetes mellitus</i>	44	3.9	Darah tinggi <i>Hypertension</i>		12	4.1
	5. <i>Transport accidents</i>	34	3.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		10	3.4
	Keseluruhan sebab <i>All causes</i>	1,115		Keseluruhan sebab <i>All causes</i>		296	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2022 (samb.)

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Rompin	1. <i>Pneumonia</i>	76	15.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	150	42.0
	2. <i>Ischaemic heart diseases</i>	55	10.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	5.0
	3. <i>Transport accidents</i>	29	5.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	14	3.9
	4. <i>Cerebrovascular diseases</i>	26	5.2	Kencing manis <i>Diabetes mellitus</i>	11	3.1
	5. <i>COVID-19 infection (due to)</i>	15	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	2.2
	Keseluruhan sebab <i>All causes</i>	503		Keseluruhan sebab <i>All causes</i>	357	
Maran	1. <i>Ischaemic heart diseases</i>	120	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	103	33.4
	2. <i>Pneumonia</i>	112	15.2	Kencing manis <i>Diabetes mellitus</i>	53	17.2
	3. <i>Cerebrovascular diseases</i>	70	9.5	Darah tinggi <i>Hypertension</i>	30	9.7
	4. <i>COVID-19 infection (due to)</i>	27	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	6.2
	5. <i>Chronic lower respiratory diseases</i>	25	3.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	7	2.3
	Keseluruhan sebab <i>All causes</i>	737		Keseluruhan sebab <i>All causes</i>	308	
Bera	1. <i>Ischaemic heart diseases</i>	138	26.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	66	31.3
	2. <i>Pneumonia</i>	73	14.2	Darah tinggi <i>Hypertension</i>	22	10.4
	3. <i>Cerebrovascular diseases</i>	49	9.6	Kencing manis <i>Diabetes mellitus</i>	19	9.0
	4. <i>COVID-19 infection (due to)</i>	16	3.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	17	8.1
	5. <i>Transport accidents</i>	12	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	9	4.3
	Keseluruhan sebab <i>All causes</i>	513		Keseluruhan sebab <i>All causes</i>	211	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2022

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Perak	1. <i>Ischaemic heart diseases</i>	1,824	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6,180	62.1
	2. <i>Pneumonia</i>	1,788	14.4	Darah tinggi <i>Hypertension</i>	419	4.2
	3. <i>Cerebrovascular diseases</i>	818	6.6	Kencing manis <i>Diabetes mellitus</i>	346	3.5
	4. <i>COVID-19 infection (due to)</i>	728	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	233	2.3
	5. <i>Transport accidents</i>	410	3.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	134	1.3
	Keseluruhan sebab <i>All causes</i>	12,391		Keseluruhan sebab <i>All causes</i>	9,950	
Batang Padang	1. <i>Pneumonia</i>	105	15.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	338	68.0
	2. <i>Ischaemic heart diseases</i>	85	12.8	Darah tinggi <i>Hypertension</i>	15	3.0
	3. <i>Cerebrovascular diseases</i>	40	6.0	Kencing manis <i>Diabetes mellitus</i>	9	1.8
	4. <i>COVID-19 infection (due to)</i>	38	5.7	Lelah <i>Asthma</i>	5	1.0
	5. <i>Transport accidents</i>	26	3.9	Barah payudara <i>Breast cancer</i>	5	1.0
	Keseluruhan sebab <i>All causes</i>	665		Keseluruhan sebab <i>All causes</i>	497	
Manjung	1. <i>Ischaemic heart diseases</i>	182	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	571	71.6
	2. <i>Pneumonia</i>	122	10.5	Kencing manis <i>Diabetes mellitus</i>	14	1.8
	3. <i>COVID-19 infection (due to)</i>	92	7.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	10	1.3
	4. <i>Cerebrovascular diseases</i>	72	6.2	Darah tinggi <i>Hypertension</i>	10	1.3
	5. <i>Transport accidents</i>	54	4.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	1.0
	Keseluruhan sebab <i>All causes</i>	1,167		Keseluruhan sebab <i>All causes</i>	797	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2022 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Kinta	1. <i>Pneumonia</i>	488	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,915	61.7
	2. <i>Ischaemic heart diseases</i>	484	12.9	Darah tinggi <i>Hypertension</i>	165	5.3
	3. <i>COVID-19 infection (due to)</i>	267	7.1	Kencing manis <i>Diabetes mellitus</i>	69	2.2
	4. <i>Cerebrovascular diseases</i>	253	6.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	61	2.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	106	2.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	55	1.8
	Keseluruhan sebab <i>All causes</i>	3,766		Keseluruhan sebab <i>All causes</i>	3,104	
Kerian	1. <i>Pneumonia</i>	151	17.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	599	64.2
	2. <i>Ischaemic heart diseases</i>	109	12.4	Kencing manis <i>Diabetes mellitus</i>	60	6.4
	3. <i>Cerebrovascular diseases</i>	43	4.9	Darah tinggi <i>Hypertension</i>	42	4.5
	4. <i>COVID-19 infection (due to)</i>	39	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	2.0
	5. <i>Transport accidents</i>	36	4.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	17	1.8
	Keseluruhan sebab <i>All causes</i>	881		Keseluruhan sebab <i>All causes</i>	933	
Kuala Kangsar	1. <i>Pneumonia</i>	180	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	563	64.1
	2. <i>Ischaemic heart diseases</i>	136	13.9	Darah tinggi <i>Hypertension</i>	21	2.4
	3. <i>Cerebrovascular diseases</i>	76	7.8	Kencing manis <i>Diabetes mellitus</i>	19	2.2
	4. <i>COVID-19 infection (due to)</i>	51	5.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	18	2.0
	5. <i>Transport accidents</i>	32	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	1.6
	Keseluruhan sebab <i>All causes</i>	977		Keseluruhan sebab <i>All causes</i>	879	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2022 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Larut & Matang	1. <i>Ischaemic heart diseases</i>	301	17.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	591	54.8
	2. <i>Pneumonia</i>	271	15.6	Kencing manis <i>Diabetes mellitus</i>	60	5.6
	3. <i>Cerebrovascular diseases</i>	126	7.3	Darah tinggi <i>Hypertension</i>	59	5.5
	4. <i>COVID-19 infection (due to)</i>	55	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	32	3.0
	5. <i>Chronic lower respiratory diseases</i>	41	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	16	1.5
	Keseluruhan sebab <i>All causes</i>	1,737		Keseluruhan sebab <i>All causes</i>	1,079	
Hilir Perak	1. <i>Ischaemic heart diseases</i>	124	17.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	319	44.7
	2. <i>Pneumonia</i>	108	15.2	Kencing manis <i>Diabetes mellitus</i>	67	9.4
	3. <i>COVID-19 infection (due to)</i>	49	6.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	41	5.7
	4. <i>Cerebrovascular diseases</i>	30	4.2	Darah tinggi <i>Hypertension</i>	40	5.6
	5. <i>Transport accidents</i>	24	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	18	2.5
	Keseluruhan sebab <i>All causes</i>	710		Keseluruhan sebab <i>All causes</i>	714	
Hulu Perak	1. <i>Ischaemic heart diseases</i>	89	14.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	207	67.0
	2. <i>Pneumonia</i>	78	12.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	3.6
	3. <i>Cerebrovascular diseases</i>	54	8.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	3.2
	4. <i>COVID-19 infection (due to)</i>	35	5.6	Darah tinggi <i>Hypertension</i>	8	2.6
	5. <i>Transport accidents</i>	30	4.8	Kencing manis <i>Diabetes mellitus</i>	8	2.6
	Keseluruhan sebab <i>All causes</i>	625		Keseluruhan sebab <i>All causes</i>	309	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2022 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Perak Tengah	1. Ischaemic heart diseases	88	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	270	68.2
	2. Pneumonia	78	15.0	Darah tinggi <i>Hypertension</i>	14	3.5
	3. COVID-19 infection (due to)	34	6.5	Kencing manis <i>Diabetes mellitus</i>	10	2.5
	4. Cerebrovascular diseases	24	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	2.5
	5. Transport accidents	18	3.5	Barah payudara <i>Breast cancer</i>	5	1.3
	Keseluruhan sebab <i>All causes</i>	520		Keseluruhan sebab <i>All causes</i>	396	
Kampar	1. Pneumonia	105	19.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	390	74.0
	2. Ischaemic heart diseases	90	16.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	1.5
	3. COVID-19 infection (due to)	35	6.5	Barah hati <i>Liver cancer</i>	6	1.1
	4. Cerebrovascular diseases	24	4.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	1.1
	5. Transport accidents	17	3.2	Kencing manis <i>Diabetes mellitus</i>	6	1.1
	Keseluruhan sebab <i>All causes</i>	537		Keseluruhan sebab <i>All causes</i>	527	
Muallim	1. Ischaemic heart diseases	45	20.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	102	52.6
	2. COVID-19 infection (due to)	15	6.7	Darah tinggi <i>Hypertension</i>	19	9.8
	3. Pneumonia	13	5.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	3.1
	4. Cerebrovascular diseases	12	5.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	2.6
	5. Transport accidents	10	4.5	Radang paru-paru <i>Pneumonia</i>	5	2.6
	Keseluruhan sebab <i>All causes</i>	223		Keseluruhan sebab <i>All causes</i>	194	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2022 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>			Bil. No.	%
Bagan Datuk	1. <i>Pneumonia</i>	49	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			221	58.9	
	2. <i>Ischaemic heart diseases</i>	45	14.7	Kencing manis <i>Diabetes mellitus</i>			17	4.5	
	3. <i>Cerebrovascular diseases</i>	27	8.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			17	4.5	
	4. <i>Transport accidents</i>	22	7.2	Darah tinggi <i>Hypertension</i>			15	4.0	
	5. <i>COVID-19 infection (due to)</i>	10	3.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>			6	1.6	
	Keseluruhan sebab <i>All causes</i>		307	Keseluruhan sebab <i>All causes</i>			375		
Selama	1. <i>Ischaemic heart diseases</i>	46	16.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			94	64.4	
	2. <i>Pneumonia</i>	40	14.5	Darah tinggi <i>Hypertension</i>			7	4.8	
	3. <i>Cerebrovascular diseases</i>	37	13.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>			4	2.7	
	4. <i>Transport accidents</i>	12	4.3	Kencing manis <i>Diabetes mellitus</i>			3	2.1	
	5. <i>Diabetes mellitus</i>	9	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			3	2.1	
	Keseluruhan sebab <i>All causes</i>		276	Keseluruhan sebab <i>All causes</i>			146		

Jadual 1.33: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perlis, 2022

Table 1.33: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perlis, 2022

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Perlis	1. <i>Ischaemic heart diseases</i>	369	23.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	509	61.5	
	2. <i>Pneumonia</i>	245	15.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	46	5.6	
	3. <i>Cerebrovascular diseases</i>	110	6.9	Kencing manis <i>Diabetes mellitus</i>	35	4.2	
	4. <i>COVID-19 infection (due to)</i>	61	3.8	Darah tinggi <i>Hypertension</i>	24	2.9	
	5. <i>Transport accidents</i>	59	3.7	Lelah <i>Asthma</i>	16	1.9	
Keseluruhan sebab <i>All causes</i>		1,595		Keseluruhan sebab <i>All causes</i>		827	

Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2022

Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pulau Pinang	1. <i>Ischaemic heart diseases</i>	1,334	17.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,755	53.4
	2. <i>Pneumonia</i>	1,075	13.9	Darah tinggi <i>Hypertension</i>	409	7.9
	3. <i>Cerebrovascular diseases</i>	413	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	185	3.6
	4. <i>COVID-19 infection (due to)</i>	304	3.9	Kencing manis <i>Diabetes mellitus</i>	184	3.6
	5. <i>Transport accidents</i>	297	3.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	109	2.1
	Keseluruhan sebab <i>All causes</i>	7,761		Keseluruhan sebab <i>All causes</i>	5,159	
Seberang Perai Tengah	1. <i>Ischaemic heart diseases</i>	312	18.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	742	67.3
	2. <i>Pneumonia</i>	248	14.3	Darah tinggi <i>Hypertension</i>	35	3.2
	3. <i>Cerebrovascular diseases</i>	92	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	28	2.5
	4. <i>Transport accidents</i>	72	4.2	Kencing manis <i>Diabetes mellitus</i>	22	2.0
	5. <i>COVID-19 infection (due to)</i>	50	2.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	21	1.9
	Keseluruhan sebab <i>All causes</i>	1,733		Keseluruhan sebab <i>All causes</i>	1,103	
Seberang Perai Utara	1. <i>Ischaemic heart diseases</i>	246	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	579	58.7
	2. <i>Pneumonia</i>	185	12.0	Darah tinggi <i>Hypertension</i>	72	7.3
	3. <i>Cerebrovascular diseases</i>	99	6.4	Kencing manis <i>Diabetes mellitus</i>	34	3.4
	4. <i>Transport accidents</i>	80	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	32	3.2
	5. <i>COVID-19 infection (due to)</i>	62	4.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	18	1.8
	Keseluruhan sebab <i>All causes</i>	1,547		Keseluruhan sebab <i>All causes</i>	987	

Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2022 (samb.)

Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Seberang Perai Selatan	1. <i>Ischaemic heart diseases</i>	124	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	389	62.0
	2. <i>Pneumonia</i>	105	12.6	Darah tinggi <i>Hypertension</i>	21	3.3
	3. <i>Transport accidents</i>	52	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	2.4
	4. <i>Cerebrovascular diseases</i>	43	5.2	Kencing manis <i>Diabetes mellitus</i>	14	2.2
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	21	2.5	Barah hati <i>Liver cancer</i>	11	1.8
	Keseluruhan sebab <i>All causes</i>	831		Keseluruhan sebab <i>All causes</i>	627	
Timur Laut	1. <i>Ischaemic heart diseases</i>	471	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	926	48.2
	2. <i>Pneumonia</i>	384	14.6	Darah tinggi <i>Hypertension</i>	188	9.8
	3. <i>COVID-19 infection (due to)</i>	130	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	79	4.1
	4. <i>Cerebrovascular diseases</i>	123	4.7	Kencing manis <i>Diabetes mellitus</i>	59	3.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	65	2.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	52	2.7
	Keseluruhan sebab <i>All causes</i>	2,625		Keseluruhan sebab <i>All causes</i>	1,921	
Barat Daya	1. <i>Ischaemic heart diseases</i>	181	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	119	22.8
	2. <i>Pneumonia</i>	153	14.9	Darah tinggi <i>Hypertension</i>	93	17.9
	3. <i>Cerebrovascular diseases</i>	56	5.5	Kencing manis <i>Diabetes mellitus</i>	55	10.6
	4. <i>COVID-19 infection (due to)</i>	42	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	31	6.0
	5. <i>Transport accidents</i>	30	2.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	14	2.7
	Keseluruhan sebab <i>All causes</i>	1,025		Keseluruhan sebab <i>All causes</i>	521	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sabah	1. <i>Pneumonia</i>	1,059	12.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,965	21.6
	2. <i>Cerebrovascular diseases</i>	531	6.4	Darah tinggi <i>Hypertension</i>	182	2.0
	3. <i>Ischaemic heart diseases</i>	529	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	147	1.6
	4. <i>COVID-19 infection (due to)</i>	406	4.9	Lelah <i>Asthma</i>	51	0.6
	5. <i>Hypertensive diseases</i>	398	4.8	Kencing manis <i>Diabetes mellitus</i>	49	0.5
	Keseluruhan sebab <i>All causes</i>	8,303		Keseluruhan sebab <i>All causes</i>	9,092	
Tawau	1. <i>Pneumonia</i>	72	10.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	322	34.2
	2. <i>Ischaemic heart diseases</i>	60	8.8	Darah tinggi <i>Hypertension</i>	16	1.7
	3. <i>Cerebrovascular diseases</i>	49	7.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	1.5
	4. <i>COVID-19 infection (due to)</i>	35	5.1	Kencing manis <i>Diabetes mellitus</i>	6	0.6
	5. <i>Hypertensive diseases</i>	29	4.2	Lelah <i>Asthma</i>	4	0.4
	Keseluruhan sebab <i>All causes</i>	685		Keseluruhan sebab <i>All causes</i>	941	
Lahad datu	1. <i>Pneumonia</i>	41	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	115	20.5
	2. <i>Ischaemic heart diseases</i>	36	12.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	20	3.6
	3. <i>Cerebrovascular diseases</i>	13	4.5	Darah tinggi <i>Hypertension</i>	19	3.4
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	11	3.8	Lelah <i>Asthma</i>	5	0.9
	5. <i>Transport accidents</i>	11	3.8	Barah payudara <i>Breast cancer</i>	4	0.7
	Keseluruhan sebab <i>All causes</i>	292		Keseluruhan sebab <i>All causes</i>	561	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Semporna	1. Cerebrovascular diseases	20	9.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	218	38.4
	2. Pneumonia	19	9.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	2.6
	3. Respiratory tuberculosis	12	5.7	Darah tinggi <i>Hypertension</i>	12	2.1
	4. Ischaemic heart diseases	10	4.7	Lelah <i>Asthma</i>	9	1.6
	5. Transport accidents	10	4.7	Kencing manis <i>Diabetes mellitus</i>	6	1.1
	Keseluruhan sebab <i>All causes</i>	212		Keseluruhan sebab <i>All causes</i>	568	
Sandakan	1. Pneumonia	124	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	79	8.0
	2. Ischaemic heart diseases	78	10.1	Darah tinggi <i>Hypertension</i>	6	0.6
	3. Cerebrovascular diseases	66	8.5	Kencing manis <i>Diabetes mellitus</i>	6	0.6
	4. COVID-19 infection (due to)	27	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	0.5
	5. Chronic lower respiratory diseases	23	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	4	0.4
	Keseluruhan sebab <i>All causes</i>	775		Keseluruhan sebab <i>All causes</i>	988	
Kinabatangan	1. Ischaemic heart diseases	11	10.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32	19.4
	2. Pneumonia	11	10.9	Darah tinggi <i>Hypertension</i>	3	1.8
	3. Transport accidents	7	6.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	1.8
	4. Cerebrovascular diseases	5	5.0	Lelah <i>Asthma</i>	1	0.6
	5. Malignant neoplasm of trachea, bronchus and lung	3	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.6
	Keseluruhan sebab <i>All causes</i>	101		Keseluruhan sebab <i>All causes</i>	165	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Beluran	1. <i>Pneumonia</i>	18	15.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14	7.4
	2. <i>Ischaemic heart diseases</i>	16	14.0	Darah tinggi <i>Hypertension</i>	2	1.1
	3. <i>Cerebrovascular diseases</i>	7	6.1	Kencing manis <i>Diabetes mellitus</i>	2	1.1
	4. <i>Chronic lower respiratory diseases</i>	4	3.5	Lelah <i>Asthma</i>	1	0.5
	5. <i>COVID-19 infection (due to)</i>	4	3.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.5
	Keseluruhan sebab <i>All causes</i>	114		Keseluruhan sebab <i>All causes</i>	188	
Kota Kinabalu	1. <i>Pneumonia</i>	146	12.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	152	17.6
	2. <i>Ischaemic heart diseases</i>	80	6.7	Darah tinggi <i>Hypertension</i>	12	1.4
	3. <i>COVID-19 infection (due to)</i>	68	5.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	0.9
	4. <i>Hypertensive diseases</i>	63	5.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	7	0.8
	5. <i>Cerebrovascular diseases</i>	61	5.1	Radang paru-paru <i>Pneumonia</i>	7	0.8
	Keseluruhan sebab <i>All causes</i>	1,202		Keseluruhan sebab <i>All causes</i>	865	
Ranau	1. <i>Pneumonia</i>	41	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	77	28.9
	2. <i>Cerebrovascular diseases</i>	24	8.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	4.5
	3. <i>COVID-19 infection (due to)</i>	16	5.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	2.3
	4. <i>Chronic lower respiratory diseases</i>	13	4.3	Kencing manis <i>Diabetes mellitus</i>	3	1.1
	5. <i>Ischaemic heart diseases</i>	12	4.0	Lelah <i>Asthma</i>	2	0.8
	Keseluruhan sebab <i>All causes</i>	301		Keseluruhan sebab <i>All causes</i>	266	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Kota Belud	1. <i>Pneumonia</i>	60	12.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	61	18.5			
	2. <i>Cerebrovascular diseases</i>	36	7.5	Darah tinggi <i>Hypertension</i>	4	1.2			
	3. <i>COVID-19 infection (due to)</i>	31	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	1.2			
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	18	3.7	Barah bibir,dalam mulut dan tekak <i>Lip, oral cavity and pharynx cancer</i>	2	0.6			
	5. <i>Hypertensive diseases</i>	15	3.1	Barah perut <i>Stomach cancer</i>	2	0.6			
	Keseluruhan sebab <i>All causes</i>		483	Keseluruhan sebab <i>All causes</i>		329			
Tuaran	1. <i>Pneumonia</i>	87	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	73	18.4			
	2. <i>Hypertensive diseases</i>	54	8.9	Darah tinggi <i>Hypertension</i>	5	1.3			
	3. <i>Cerebrovascular diseases</i>	37	6.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	0.8			
	4. <i>COVID-19 infection (due to)</i>	35	5.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2	0.5			
	5. <i>Chronic lower respiratory diseases</i>	28	4.6	Tibi/Batuk kering <i>Tuberculosis</i>	2	0.5			
	Keseluruhan sebab <i>All causes</i>		606	Keseluruhan sebab <i>All causes</i>		397			
Penampang	1. <i>Pneumonia</i>	71	15.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	57	15.2			
	2. <i>Ischaemic heart diseases</i>	34	7.2	Darah tinggi <i>Hypertension</i>	24	6.4			
	3. <i>Cerebrovascular diseases</i>	32	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	1.6			
	4. <i>Hypertensive diseases</i>	28	5.9	Radang paru-paru <i>Pneumonia</i>	5	1.3			
	5. <i>COVID-19 infection (due to)</i>	26	5.5	Lelah <i>Asthma</i>	2	0.5			
	Keseluruhan sebab <i>All causes</i>		474	Keseluruhan sebab <i>All causes</i>		375			

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Papar	1. <i>Pneumonia</i>	55	12.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	140	26.8
	2. <i>Cerebrovascular diseases</i>	28	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	2.7
	3. <i>Ischaemic heart diseases</i>	27	6.0	Darah tinggi <i>Hypertension</i>	12	2.3
	4. <i>COVID-19 infection (due to)</i>	21	4.7	Kencing manis <i>Diabetes mellitus</i>	5	1.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	13	2.9	Barah payudara <i>Breast cancer</i>	4	0.8
	Keseluruhan sebab <i>All causes</i>	450		Keseluruhan sebab <i>All causes</i>	522	
Kudat	1. <i>Pneumonia</i>	41	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	96	29.7
	2. <i>Cerebrovascular diseases</i>	11	3.9	Lelah <i>Asthma</i>	2	0.6
	3. <i>COVID-19 infection (due to)</i>	11	3.9	Barah hati <i>Liver cancer</i>	2	0.6
	4. <i>Chronic lower respiratory diseases</i>	10	3.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	0.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	8	2.8	Barah payudara <i>Breast cancer</i>	2	0.6
	Keseluruhan sebab <i>All causes</i>	284		Keseluruhan sebab <i>All causes</i>	323	
Kota Marudu	1. <i>Pneumonia</i>	36	15.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	57	16.4
	2. <i>Cerebrovascular diseases</i>	19	8.3	Darah tinggi <i>Hypertension</i>	21	6.1
	3. <i>COVID-19 infection (due to)</i>	12	5.2	Lelah <i>Asthma</i>	5	1.4
	4. <i>Ischaemic heart diseases</i>	11	4.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	5	1.4
	5. <i>Chronic lower respiratory diseases</i>	11	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.4
	Keseluruhan sebab <i>All causes</i>	230		Keseluruhan sebab <i>All causes</i>	347	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pitas	1. <i>Pneumonia</i>	19	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	43	23.9
	2. <i>Cerebrovascular diseases</i>	11	8.0	Darah tinggi <i>Hypertension</i>	3	1.7
	3. <i>COVID-19 infection (due to)</i>	7	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	1.7
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	3.6	Barah hati <i>Liver cancer</i>	2	1.1
	5. <i>Ischaemic heart diseases</i>	5	3.6	Lelah <i>Asthma</i>	1	0.6
	Keseluruhan sebab <i>All causes</i>	137		Keseluruhan sebab <i>All causes</i>	180	
Beaufort	1. <i>Pneumonia</i>	48	12.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	58	17.5
	2. <i>Hypertensive diseases</i>	34	8.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	2.4
	3. <i>COVID-19 infection (due to)</i>	24	6.0	Darah tinggi <i>Hypertension</i>	5	1.5
	4. <i>Cerebrovascular diseases</i>	18	4.5	Lelah <i>Asthma</i>	3	0.9
	5. <i>Ischaemic heart diseases</i>	17	4.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	2	0.6
	Keseluruhan sebab <i>All causes</i>	398		Keseluruhan sebab <i>All causes</i>	331	
Kuala Penyu	1. <i>Pneumonia</i>	21	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	10	7.9
	2. <i>Hypertensive diseases</i>	19	12.7	Darah tinggi <i>Hypertension</i>	4	3.1
	3. <i>Chronic lower respiratory diseases</i>	12	8.0	Barah hati <i>Liver cancer</i>	1	0.8
	4. <i>Cerebrovascular diseases</i>	11	7.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.8
	5. <i>COVID-19 infection (due to)</i>	6	4.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	0.8
	Keseluruhan sebab <i>All causes</i>	150		Keseluruhan sebab <i>All causes</i>	127	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sipitang	1. <i>Pneumonia</i>	16	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	47	24.9
	2. <i>Hypertensive diseases</i>	10	7.9	Barah pankreas <i>Pancreas cancer</i>	2	1.1
	3. <i>Cerebrovascular diseases</i>	8	6.3	Darah tinggi <i>Hypertension</i>	2	1.1
	4. <i>Ischaemic heart diseases</i>	6	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	1.1
	5. <i>Chronic lower respiratory diseases</i>	6	4.8	Lelah <i>Asthma</i>	1	0.5
	Keseluruhan sebab <i>All causes</i>	126		Keseluruhan sebab <i>All causes</i>	189	
Tenom	1. <i>Pneumonia</i>	22	11.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	79	27.1
	2. <i>Hypertensive diseases</i>	13	6.9	Darah tinggi <i>Hypertension</i>	7	2.4
	3. <i>Ischaemic heart diseases</i>	12	6.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	4	1.4
	4. <i>COVID-19 infection (due to)</i>	12	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	1.4
	5. <i>Cerebrovascular diseases</i>	10	5.3	Barah rahim <i>Uterus cancer</i>	2	0.7
	Keseluruhan sebab <i>All causes</i>	188		Keseluruhan sebab <i>All causes</i>	291	
Nabawan	1. <i>Pneumonia</i>	11	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	25	30.9
	2. <i>Ischaemic heart diseases</i>	4	6.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.2
	3. <i>Chronic lower respiratory diseases</i>	4	6.0	Darah tinggi <i>Hypertension</i>	1	1.2
	4. <i>Cerebrovascular diseases</i>	3	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	1.2
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	3.0	-		
	Keseluruhan sebab <i>All causes</i>	67		Keseluruhan sebab <i>All causes</i>	81	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Keningau	1. Hypertensive diseases	44	9.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	85	24.1
	2. Pneumonia	38	7.9	Darah tinggi <i>Hypertension</i>	8	2.3
	3. COVID-19 infection (due to)	34	7.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	2.3
	4. Cerebrovascular diseases	27	5.6	Lelah <i>Asthma</i>	3	0.8
	5. Ischaemic heart diseases	21	4.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	0.6
	Keseluruhan sebab <i>All causes</i>	478		Keseluruhan sebab <i>All causes</i>	353	
Tambunan	1. Pneumonia	17	9.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	12	10.3
	2. Hypertensive diseases	11	6.1	Anemia <i>Anaemias</i>	2	1.7
	3. Ischaemic heart diseases	10	5.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	1.7
	4. Cerebrovascular diseases	9	5.0	Lelah <i>Asthma</i>	1	0.9
	5. Malignant neoplasm of lip, oral cavity and pharynx	5	2.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.9
	Keseluruhan sebab <i>All causes</i>	179		Keseluruhan sebab <i>All causes</i>	116	
Kunak	1. Ischaemic heart diseases	16	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37	22.7
	2. Pneumonia	11	9.9	Darah tinggi <i>Hypertension</i>	2	1.2
	3. Cerebrovascular diseases	8	7.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	1.2
	4. Chronic lower respiratory diseases	7	6.3	Anemia <i>Anaemias</i>	1	0.6
	5. Diabetes mellitus	6	5.4	Barah hati <i>Liver cancer</i>	1	0.6
	Keseluruhan sebab <i>All causes</i>	111		Keseluruhan sebab <i>All causes</i>	163	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Tongod	1. <i>Pneumonia</i>	6	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	27	30.3
	2. <i>Ischaemic heart diseases</i>	2	4.7	Darah tinggi <i>Hypertension</i>	3	3.4
	3. <i>Cerebrovascular diseases</i>	2	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	3.4
	4. <i>Malignant neoplasm of lip, oral cavity and pharynx</i>	1	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	2.2
	5. <i>Malignant neoplasm of breast</i>	1	2.3	Lelah <i>Asthma</i>	1	1.1
	Keseluruhan sebab <i>All causes</i>	43		Keseluruhan sebab <i>All causes</i>	89	
Putatan	1. <i>Pneumonia</i>	24	16.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	22	11.8
	2. <i>Ischaemic heart diseases</i>	12	8.1	Darah tinggi <i>Hypertension</i>	4	2.1
	3. <i>Cerebrovascular diseases</i>	11	7.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	1.6
	4. <i>Hypertensive diseases</i>	8	5.4	Lelah <i>Asthma</i>	2	1.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	1.1
	Keseluruhan sebab <i>All causes</i>	148		Keseluruhan sebab <i>All causes</i>	187	
Telupid	1. <i>Cerebrovascular diseases</i>	4	10.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	15	17.4
	2. <i>Ischaemic heart diseases</i>	3	7.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	2.3
	3. <i>Pneumonia</i>	3	7.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	1.2
	4. <i>COVID-19 infection (due to)</i>	3	7.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.2
	5. <i>Respiratory tuberculosis</i>	2	5.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	1.2
	Keseluruhan sebab <i>All causes</i>	39		Keseluruhan sebab <i>All causes</i>	86	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2022 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified		
	Bil. No.	%		Bil. No.	%
Kalabakan	1. Ischaemic heart diseases	3 10.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	12 18.8	
	2. Transport accidents	3 10.0	Darah tinggi Hypertension	3 4.7	
	3. Malignant neoplasm of trachea, bronchus and lung	2 6.7	Kencing manis Diabetes mellitus	3 4.7	
	4. Human immunodeficiency virus (HIV) disease	1 3.3	Penyakit jantung iskemia Ischaemic heart diseases	2 3.1	
	5. Malignant neoplasm of breast	1 3.3	Lelah Asthma	1 1.6	
Keseluruhan sebab All causes		30	Keseluruhan sebab All causes		64

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Sarawak	1. <i>Pneumonia</i>	729	9.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	159	1.8
	2. <i>Ischaemic heart diseases</i>	641	8.3	Darah tinggi <i>Hypertension</i>	9	0.1
	3. <i>Cerebrovascular diseases</i>	542	7.0	Radang paru-paru <i>Pneumonia</i>	3	0.0
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	278	3.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	0.0
	5. <i>Chronic lower respiratory diseases</i>	246	3.2	Barah payudara <i>Breast cancer</i>	2	0.0
	Keseluruhan sebab <i>All causes</i>	7,756		Keseluruhan sebab <i>All causes</i>	8,871	
Kuching	1. <i>Ischaemic heart diseases</i>	180	10.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6	0.3
	2. <i>Pneumonia</i>	106	6.3	Darah tinggi <i>Hypertension</i>	4	0.2
	3. <i>Cerebrovascular diseases</i>	100	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	0.1
	4. <i>Hypertensive diseases</i>	65	3.9	Anemia <i>Anaemias</i>	1	0.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	57	3.4	Barah limfoma <i>Lymphoma</i>	1	0.1
	Keseluruhan sebab <i>All causes</i>	1,682		Keseluruhan sebab <i>All causes</i>	1,856	
Bau	1. <i>Pneumonia</i>	19	9.5	-		
	2. <i>Ischaemic heart diseases</i>	15	7.5	-		
	3. <i>Chronic lower respiratory diseases</i>	14	7.0	-		
	4. <i>Hypertensive diseases</i>	11	5.5	-		
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	10	5.0	-		
	Keseluruhan sebab <i>All causes</i>	200		Keseluruhan sebab <i>All causes</i>	247	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Lundu	1. Cerebrovascular diseases	16	12.5	-		
	2. Malignant neoplasm of trachea, bronchus and lung	10	7.8	-		
	3. Ischaemic heart diseases	8	6.3	-		
	4. Transport accidents	8	6.3	-		
	5. Hypertensive diseases	7	5.5	-		
	Keseluruhan sebab <i>All causes</i>	128		Keseluruhan sebab <i>All causes</i>	151	
Samarahan	1. Ischaemic heart diseases	20	11.5	-		
	2. Cerebrovascular diseases	19	10.9	-		
	3. Chronic lower respiratory diseases	8	4.6	-		
	4. Transport accidents	6	3.4	-		
	5. Malignant neoplasm of trachea, bronchus and lung	5	2.9	-		
	Keseluruhan sebab <i>All causes</i>	174		Keseluruhan sebab <i>All causes</i>	152	
Serian	1. Ischaemic heart diseases	39	10.8	Darah tinggi <i>Hypertension</i>	1	0.3
	2. Pneumonia	23	6.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.3
	3. Cerebrovascular diseases	21	5.8	-		
	4. Chronic lower respiratory diseases	15	4.2	-		
	5. Transport accidents	13	3.6	-		
	Keseluruhan sebab <i>All causes</i>	360		Keseluruhan sebab <i>All causes</i>	335	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Simunjan	1. <i>Pneumonia</i>	17	12.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1	0.5
	2. <i>Cerebrovascular diseases</i>	11	8.1	-			
	3. <i>Chronic lower respiratory diseases</i>	10	7.4	-			
	4. <i>Ischaemic heart diseases</i>	9	6.7	-			
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	8	5.9	-			
	Keseluruhan sebab <i>All causes</i>	135		Keseluruhan sebab <i>All causes</i>		220	
Sri Aman	1. <i>Pneumonia</i>	20	10.6	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>		1	0.3
	2. <i>Ischaemic heart diseases</i>	11	5.9	Penyakit hati <i>Liver diseases</i>		1	0.3
	3. <i>Cerebrovascular diseases</i>	11	5.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1	0.3
	4. <i>Chronic lower respiratory diseases</i>	11	5.9	-			
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	3.7	-			
	Keseluruhan sebab <i>All causes</i>	188		Keseluruhan sebab <i>All causes</i>		391	
Lubok Antu	1. <i>Ischaemic heart diseases</i>	9	11.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		7	3.8
	2. <i>Pneumonia</i>	6	7.9	-			
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	6.6	-			
	4. <i>Chronic lower respiratory diseases</i>	5	6.6	-			
	5. <i>Hypertensive diseases</i>	4	5.3	-			
	Keseluruhan sebab <i>All causes</i>	76		Keseluruhan sebab <i>All causes</i>		185	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified		
	Bil. No.	%		Bil. No.	%
Belong	1. Cerebrovascular diseases	26	11.6	-	
	2. Pneumonia	16	7.1	-	
	3. Ischaemic heart diseases	15	6.7	-	
	4. Malignant neoplasm of trachea, bronchus and lung	9	4.0	-	
	5. Hypertensive diseases	7	3.1	-	
	Keseluruhan sebab All causes	224		Keseluruhan sebab All causes	163
Saratok	1. Pneumonia	10	11.5	Barah payudara Breast cancer	1 0.7
	2. Chronic lower respiratory diseases	6	6.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	1 0.7
	3. Ischaemic heart diseases	5	5.7	-	
	4. Hypertensive diseases	4	4.6	-	
	5. Cerebrovascular diseases	4	4.6	-	
	Keseluruhan sebab All causes	87		Keseluruhan sebab All causes	152
Sarikei	1. Cerebrovascular diseases	18	10.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	2 0.9
	2. Pneumonia	18	10.1	Darah tinggi Hypertension	1 0.4
	3. Ischaemic heart diseases	13	7.3	-	
	4. COVID-19 infection (due to)	7	3.9	-	
	5. Malignant neoplasm of trachea, bronchus and lung	6	3.4	-	
	Keseluruhan sebab All causes	178		Keseluruhan sebab All causes	223

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Maradong	1. Pneumonia	12	10.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.8			
	2. Cerebrovascular diseases	7	6.2	-					
	3. COVID-19 infection (due to)	5	4.4	-					
	4. Leukaemia	4	3.5	-					
	5. Hypertensive diseases	4	3.5	-					
	Keseluruhan sebab All causes	113		Keseluruhan sebab All causes	132				
Daro	1. Cerebrovascular diseases	8	13.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.8			
	2. Ischaemic heart diseases	5	8.6	-					
	3. Diabetes mellitus	3	5.2	-					
	4. Pneumonia	3	5.2	-					
	5. Malignant neoplasm of stomach	2	3.4	-					
	Keseluruhan sebab All causes	58		Keseluruhan sebab All causes	118				
Julau	1. Cerebrovascular diseases	6	10.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	40	49.4			
	2. Pneumonia	6	10.3	-					
	3. Chronic lower respiratory diseases	4	6.9	-					
	4. Ischaemic heart diseases	3	5.2	-					
	5. Malignant neoplasm of liver and intrahepatic bile ducts	2	3.4	-					
	Keseluruhan sebab All causes	58		Keseluruhan sebab All causes	81				

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Sibu	1. <i>Pneumonia</i>	96	10.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5	0.7
	2. <i>Cerebrovascular diseases</i>	55	6.1	Lelah <i>Asthma</i>	1	0.1
	3. <i>Ischaemic heart diseases</i>	52	5.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	35	3.9	Darah tinggi <i>Hypertension</i>	1	0.1
	5. <i>COVID-19 infection (due to)</i>	31	3.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1	0.1
	Keseluruhan sebab <i>All causes</i>	900		Keseluruhan sebab <i>All causes</i>	768	
Dalat	1. <i>Cerebrovascular diseases</i>	9	10.7	-		
	2. <i>Ischaemic heart diseases</i>	8	9.5	-		
	3. <i>Pneumonia</i>	6	7.1	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	4.8	-		
	5. <i>Transport accidents</i>	4	4.8	-		
	Keseluruhan sebab <i>All causes</i>	84		Keseluruhan sebab <i>All causes</i>	136	
Mukah	1. <i>Pneumonia</i>	22	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.6
	2. <i>Cerebrovascular diseases</i>	17	10.8	-		
	3. <i>Ischaemic heart diseases</i>	14	8.9	-		
	4. <i>Chronic lower respiratory diseases</i>	10	6.4	-		
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	8	5.1	-		
	Keseluruhan sebab <i>All causes</i>	157		Keseluruhan sebab <i>All causes</i>	173	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Kanowit	1. <i>Pneumonia</i>	27	16.3	Radang paru-paru <i>Pneumonia</i>	1	0.5
	2. <i>Ischaemic heart diseases</i>	13	7.8	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	9	5.4	-		
	4. <i>Cerebrovascular diseases</i>	7	4.2	-		
	5. <i>Chronic lower respiratory diseases</i>	6	3.6	-		
	Keseluruhan sebab <i>All causes</i>	166		Keseluruhan sebab <i>All causes</i>	187	
Bintulu	1. <i>Pneumonia</i>	34	11.3	-		
	2. <i>Ischaemic heart diseases</i>	32	10.6	-		
	3. <i>Cerebrovascular diseases</i>	20	6.6	-		
	4. <i>Transport accidents</i>	11	3.7	-		
	5. <i>COVID-19 infection (due to)</i>	8	2.7	-		
	Keseluruhan sebab <i>All causes</i>	301		Keseluruhan sebab <i>All causes</i>	248	
Tafau	1. <i>Pneumonia</i>	7	10.0	-		
	2. <i>Ischaemic heart diseases</i>	6	8.6	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	3	4.3	-		
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	2	2.9	-		
	5. <i>Cerebrovascular diseases</i>	2	2.9	-		
	Keseluruhan sebab <i>All causes</i>	70		Keseluruhan sebab <i>All causes</i>	104	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kapit	1. <i>Pneumonia</i>	14	10.0	-		
	2. <i>Ischaemic heart diseases</i>	5	3.6	-		
	3. <i>Cerebrovascular diseases</i>	5	3.6	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	2.9	-		
	5. <i>Malignant neoplasm of breast</i>	3	2.1	-		
	Keseluruhan sebab <i>All causes</i>	140		Keseluruhan sebab <i>All causes</i>	148	
Song	1. <i>Ischaemic heart diseases</i>	5	12.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.0
	2. <i>Pneumonia</i>	5	12.5	-		
	3. <i>Hypertensive diseases</i>	2	5.0	-		
	4. <i>Malignant neoplasm of oesophagus</i>	1	2.5	-		
	5. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1	2.5	-		
	Keseluruhan sebab <i>All causes</i>	40		Keseluruhan sebab <i>All causes</i>	104	
Belaga	1. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	10.5	-		
	2. <i>Cerebrovascular diseases</i>	4	10.5	-		
	3. <i>Diseases of the liver</i>	3	7.9	-		
	4. <i>Hypertensive diseases</i>	2	5.3	-		
	5. <i>Respiratory tuberculosis</i>	1	2.6	-		
	Keseluruhan sebab <i>All causes</i>	38		Keseluruhan sebab <i>All causes</i>	72	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Miri	1. <i>Pneumonia</i>	101	12.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5	0.8
	2. <i>Ischaemic heart diseases</i>	64	8.0	Barah pankreas <i>Pancreas cancer</i>	1	0.2
	3. <i>Cerebrovascular diseases</i>	55	6.8	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	26	3.2	-		
	5. <i>Transport accidents</i>	25	3.1	-		
	Keseluruhan sebab <i>All causes</i>	803		Keseluruhan sebab <i>All causes</i>	628	
Marudi	1. <i>Pneumonia</i>	11	12.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	22	21.8
	2. <i>Cerebrovascular diseases</i>	9	10.3	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	5.7	-		
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	3	3.4	-		
	5. <i>Ischaemic heart diseases</i>	3	3.4	-		
	Keseluruhan sebab <i>All causes</i>	87		Keseluruhan sebab <i>All causes</i>	101	
Limbang	1. <i>Pneumonia</i>	15	9.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	57	34.3
	2. <i>Cerebrovascular diseases</i>	10	6.1	Barah hati <i>Liver cancer</i>	1	0.6
	3. <i>Ischaemic heart diseases</i>	7	4.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.6
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	5	3.0	-		
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	3.0	-		
	Keseluruhan sebab <i>All causes</i>	164		Keseluruhan sebab <i>All causes</i>	166	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Lawas	1. <i>Pneumonia</i>	17	10.4	-		
	2. <i>Ischaemic heart diseases</i>	14	8.5	-		
	3. <i>Cerebrovascular diseases</i>	10	6.1	-		
	4. <i>Chronic lower respiratory diseases</i>	8	4.9	-		
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	6	3.7	-		
	Keseluruhan sebab <i>All causes</i>	164		Keseluruhan sebab <i>All causes</i>	124	
Matu	1. <i>Cerebrovascular diseases</i>	7	14.3	-		
	2. <i>Ischaemic heart diseases</i>	5	10.2	-		
	3. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	2	4.1	-		
	4. <i>Pneumonia</i>	2	4.1	-		
	5. <i>Diseases of the liver</i>	2	4.1	-		
	Keseluruhan sebab <i>All causes</i>	49		Keseluruhan sebab <i>All causes</i>	95	
Asajaya	1. <i>Hypertensive diseases</i>	7	8.2	Darah tinggi <i>Hypertension</i>	1	0.5
	2. <i>Cerebrovascular diseases</i>	6	7.1	Radang paru-paru <i>Pneumonia</i>	1	0.5
	3. <i>Pneumonia</i>	6	7.1	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	5.9	-		
	5. <i>Ischaemic heart diseases</i>	4	4.7	-		
	Keseluruhan sebab <i>All causes</i>	85		Keseluruhan sebab <i>All causes</i>	190	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Pakan	1. Chronic lower respiratory diseases	7	15.2	-		
	2. Pneumonia	5	10.9	-		
	3. Ischaemic heart diseases	4	8.7	-		
	4. Malignant neoplasm of breast	3	6.5	-		
	5. Cerebrovascular diseases	2	4.3	-		
	Keseluruhan sebab <i>All causes</i>	46		Keseluruhan sebab <i>All causes</i>	102	
Selangau	1. Pneumonia	11	14.7	Darah tinggi Hypertension	1	1.1
	2. Ischaemic heart diseases	7	9.3	-		
	3. Cerebrovascular diseases	6	8.0	-		
	4. Malignant neoplasm of pancreas	2	2.7	-		
	5. Malignant neoplasm of trachea, bronchus and lung	2	2.7	-		
	Keseluruhan sebab <i>All causes</i>	75		Keseluruhan sebab <i>All causes</i>	94	
Tebedu	1. Pneumonia	7	9.6	Kencing manis Diabetes mellitus	1	0.8
	2. Cerebrovascular diseases	5	6.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.8
	3. Ischaemic heart diseases	4	5.5	-		
	4. Malignant neoplasm of lip, oral cavity and pharynx	3	4.1	-		
	5. Malignant neoplasm of trachea, bronchus and lung	3	4.1	-		
	Keseluruhan sebab <i>All causes</i>	73		Keseluruhan sebab <i>All causes</i>	130	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Pusa	1. <i>Ischaemic heart diseases</i>	15	14.0	-		
	2. <i>Cerebrovascular diseases</i>	15	14.0	-		
	3. <i>Pneumonia</i>	5	4.7	-		
	4. <i>Hypertensive diseases</i>	4	3.7	-		
	5. <i>Chronic lower respiratory diseases</i>	4	3.7	-		
	Keseluruhan sebab <i>All causes</i>	107		Keseluruhan sebab <i>All causes</i>	50	
Kabong	1. <i>Chronic lower respiratory diseases</i>	10	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.8
	2. <i>Pneumonia</i>	9	12.3	-		
	3. <i>Cerebrovascular diseases</i>	5	6.8	-		
	4. <i>Ischaemic heart diseases</i>	4	5.5	-		
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	2.7	-		
	Keseluruhan sebab <i>All causes</i>	73		Keseluruhan sebab <i>All causes</i>	123	
Tanjung Manis	1. <i>Ischaemic heart diseases</i>	5	20.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.8
	2. <i>Cerebrovascular diseases</i>	3	12.5	-		
	3. <i>Malignant neoplasm of breast</i>	2	8.3	-		
	4. <i>Respiratory tuberculosis</i>	1	4.2	-		
	5. <i>Malignant neoplasm of lip, oral cavity and pharynx</i>	1	4.2	-		
	Keseluruhan sebab <i>All causes</i>	24		Keseluruhan sebab <i>All causes</i>	57	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Sebauh	1. Cerebrovascular diseases	8	10.1	-		
	2. Malignant neoplasm of trachea, bronchus and lung	6	7.6	-		
	3. Ischaemic heart diseases	6	7.6	-		
	4. Pneumonia	6	7.6	-		
	5. Malignant neoplasm of lip, oral cavity and pharynx	4	5.1	-		
	Keseluruhan sebab <i>All causes</i>	79		Keseluruhan sebab <i>All causes</i>	116	
Bukit Mabong	1. Pneumonia	11	19.3	-		
	2. Transport accidents	5	8.8	-		
	3. Ischaemic heart diseases	3	5.3	-		
	4. Cerebrovascular diseases	3	5.3	-		
	5. Malignant neoplasm of cervix uteri	2	3.5	-		
	Keseluruhan sebab <i>All causes</i>	57		Keseluruhan sebab <i>All causes</i>	78	
Subis	1. Pneumonia	19	12.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.3
	2. Cerebrovascular diseases	14	9.0	-		
	3. Ischaemic heart diseases	10	6.5	-		
	4. Malignant neoplasm of trachea, bronchus and lung	6	3.9	-		
	5. Diseases of the liver	6	3.9	-		
	Keseluruhan sebab <i>All causes</i>	155		Keseluruhan sebab <i>All causes</i>	293	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2022 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Beluru	1. <i>Pneumonia</i>	13	13.7	Radang paru-paru <i>Pneumonia</i>		1	0.9
	2. <i>Ischaemic heart diseases</i>	9	9.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1	0.9
	3. <i>Cerebrovascular diseases</i>	6	6.3	-			
	4. <i>Chronic lower respiratory diseases</i>	4	4.2	-			
	5. <i>Transport accidents</i>	4	4.2	-			
Keseluruhan sebab <i>All causes</i>		95		Keseluruhan sebab <i>All causes</i>		106	
Telang Usan	1. <i>Pneumonia</i>	11	17.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		2	2.8
	2. <i>Ischaemic heart diseases</i>	6	9.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		1	1.4
	3. <i>Cerebrovascular diseases</i>	3	4.8	-			
	4. <i>Viral hepatitis</i>	2	3.2	-			
	5. <i>Malignant neoplasm of stomach</i>	2	3.2	-			
Keseluruhan sebab <i>All causes</i>		63		Keseluruhan sebab <i>All causes</i>		72	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2022

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Selangor	1. <i>Ischaemic heart diseases</i>	3,582	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,177	47.2
	2. <i>Pneumonia</i>	2,721	12.4	Darah tinggi <i>Hypertension</i>	848	7.7
	3. <i>Cerebrovascular diseases</i>	1,468	6.7	Kencing manis <i>Diabetes mellitus</i>	516	4.7
	4. <i>COVID-19 infection (due to)</i>	937	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	376	3.4
	5. <i>Transport accidents</i>	700	3.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	196	1.8
	Keseluruhan sebab <i>All causes</i>	21,890		Keseluruhan sebab <i>All causes</i>	10,971	
Gombak	1. <i>Ischaemic heart diseases</i>	419	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	658	40.3
	2. <i>Pneumonia</i>	333	12.6	Darah tinggi <i>Hypertension</i>	169	10.3
	3. <i>Cerebrovascular diseases</i>	166	6.3	Kencing manis <i>Diabetes mellitus</i>	95	5.8
	4. <i>COVID-19 infection (due to)</i>	159	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	70	4.3
	5. <i>Transport accidents</i>	82	3.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	36	2.2
	Keseluruhan sebab <i>All causes</i>	2,638		Keseluruhan sebab <i>All causes</i>	1,634	
Klang	1. <i>Ischaemic heart diseases</i>	609	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,169	51.5
	2. <i>Pneumonia</i>	428	12.4	Darah tinggi <i>Hypertension</i>	129	5.7
	3. <i>Cerebrovascular diseases</i>	242	7.0	Kencing manis <i>Diabetes mellitus</i>	114	5.0
	4. <i>COVID-19 infection (due to)</i>	143	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	62	2.7
	5. <i>Transport accidents</i>	130	3.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	47	2.1
	Keseluruhan sebab <i>All causes</i>	3,448		Keseluruhan sebab <i>All causes</i>	2,272	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2022 (samb.)

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kuala Langat	1. <i>Ischaemic heart diseases</i>	179	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	264	41.6
	2. <i>Pneumonia</i>	114	9.3	Darah tinggi <i>Hypertension</i>	98	15.4
	3. <i>Cerebrovascular diseases</i>	82	6.7	Kencing manis <i>Diabetes mellitus</i>	39	6.1
	4. <i>Transport accidents</i>	62	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	21	3.3
	5. <i>COVID-19 infection (due to)</i>	27	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	10	1.6
	Keseluruhan sebab <i>All causes</i>	1,227		Keseluruhan sebab <i>All causes</i>	635	
Kuala Selangor	1. <i>Ischaemic heart diseases</i>	274	23.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	238	50.6
	2. <i>Pneumonia</i>	116	9.8	Darah tinggi <i>Hypertension</i>	25	5.3
	3. <i>Cerebrovascular diseases</i>	93	7.9	Kencing manis <i>Diabetes mellitus</i>	25	5.3
	4. <i>Transport accidents</i>	57	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	3.2
	5. <i>COVID-19 infection (due to)</i>	45	3.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	2.8
	Keseluruhan sebab <i>All causes</i>	1,181		Keseluruhan sebab <i>All causes</i>	470	
Petaling	1. <i>Ischaemic heart diseases</i>	989	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,223	46.3
	2. <i>Pneumonia</i>	688	11.1	Darah tinggi <i>Hypertension</i>	210	8.0
	3. <i>Cerebrovascular diseases</i>	420	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	112	4.2
	4. <i>COVID-19 infection (due to)</i>	235	3.8	Kencing manis <i>Diabetes mellitus</i>	103	3.9
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	222	3.6	Barah hati <i>Liver cancer</i>	40	1.5
	Keseluruhan sebab <i>All causes</i>	6,219		Keseluruhan sebab <i>All causes</i>	2,640	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2022 (samb.)

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sabak Bernam	1. <i>Ischaemic heart diseases</i>	150	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	137	46.4
	2. <i>Pneumonia</i>	117	12.4	Darah tinggi <i>Hypertension</i>	40	13.6
	3. <i>Cerebrovascular diseases</i>	74	7.8	Kencing manis <i>Diabetes mellitus</i>	23	7.8
	4. <i>Transport accidents</i>	36	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	3.7
	5. <i>COVID-19 infection (due to)</i>	33	3.5	Barah hati <i>Liver cancer</i>	4	1.4
	Keseluruhan sebab <i>All causes</i>	945		Keseluruhan sebab <i>All causes</i>	295	
Sepang	1. <i>Ischaemic heart diseases</i>	111	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	193	44.3
	2. <i>Pneumonia</i>	99	12.0	Darah tinggi <i>Hypertension</i>	26	6.0
	3. <i>Cerebrovascular diseases</i>	51	6.2	Kencing manis <i>Diabetes mellitus</i>	22	5.0
	4. <i>COVID-19 infection (due to)</i>	43	5.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	10	2.3
	5. <i>Transport accidents</i>	41	5.0	Barah payudara <i>Breast cancer</i>	9	2.1
	Keseluruhan sebab <i>All causes</i>	824		Keseluruhan sebab <i>All causes</i>	436	
Ulu Langat	1. <i>Pneumonia</i>	713	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,043	49.9
	2. <i>Ischaemic heart diseases</i>	692	15.6	Darah tinggi <i>Hypertension</i>	128	6.1
	3. <i>Cerebrovascular diseases</i>	292	6.6	Kencing manis <i>Diabetes mellitus</i>	76	3.6
	4. <i>COVID-19 infection (due to)</i>	184	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	67	3.2
	5. <i>Transport accidents</i>	116	2.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	54	2.6
	Keseluruhan sebab <i>All causes</i>	4,434		Keseluruhan sebab <i>All causes</i>	2,089	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2022 (samb.)

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Ulu Selangor	1. <i>Ischaemic heart diseases</i>	159	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	252	50.4	
	2. <i>Pneumonia</i>	113	11.6	Darah tinggi <i>Hypertension</i>	23	4.6	
	3. <i>COVID-19 infection (due to)</i>	68	7.0	Kencing manis <i>Diabetes mellitus</i>	19	3.8	
	4. <i>Cerebrovascular diseases</i>	48	4.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	2.6	
	5. <i>Transport accidents</i>	44	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	2.0	
Keseluruhan sebab <i>All causes</i>		974		Keseluruhan sebab <i>All causes</i>		500	

Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2022

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. <i>Ischaemic heart diseases</i>	981	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,212	50.4
	2. <i>Pneumonia</i>	884	14.1	Darah tinggi <i>Hypertension</i>	184	7.7
	3. <i>Cerebrovascular diseases</i>	687	10.9	Kencing manis <i>Diabetes mellitus</i>	142	5.9
	4. <i>Diabetes mellitus</i>	239	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	131	5.4
	5. <i>Transport accidents</i>	192	3.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	46	1.9
	Keseluruhan sebab <i>All causes</i>	6,282		Keseluruhan sebab <i>All causes</i>	2,404	
Besut	1. <i>Ischaemic heart diseases</i>	167	17.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	129	54.0
	2. <i>Pneumonia</i>	132	13.8	Darah tinggi <i>Hypertension</i>	19	7.9
	3. <i>Cerebrovascular diseases</i>	115	12.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	4.2
	4. <i>Diabetes mellitus</i>	33	3.5	Kencing manis <i>Diabetes mellitus</i>	8	3.3
	5. <i>COVID-19 infection (due to)</i>	27	2.8	Lelah <i>Asthma</i>	6	2.5
	Keseluruhan sebab <i>All causes</i>	954		Keseluruhan sebab <i>All causes</i>	239	
Dungun	1. <i>Pneumonia</i>	134	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	174	49.2
	2. <i>Ischaemic heart diseases</i>	120	14.4	Darah tinggi <i>Hypertension</i>	27	7.6
	3. <i>Cerebrovascular diseases</i>	79	9.5	Kencing manis <i>Diabetes mellitus</i>	18	5.1
	4. <i>Diabetes mellitus</i>	33	4.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	17	4.8
	5. <i>Transport accidents</i>	30	3.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	3.7
	Keseluruhan sebab <i>All causes</i>	831		Keseluruhan sebab <i>All causes</i>	354	

Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2022 (samb.)

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kemaman	1. <i>Ischaemic heart diseases</i>	154	16.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	156	43.6
	2. <i>Pneumonia</i>	118	12.4	Darah tinggi <i>Hypertension</i>	37	10.3
	3. <i>Cerebrovascular diseases</i>	102	10.8	Kencing manis <i>Diabetes mellitus</i>	23	6.4
	4. <i>Diabetes mellitus</i>	52	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	17	4.7
	5. <i>COVID-19 infection (due to)</i>	37	3.9	Barah hati <i>Liver cancer</i>	6	1.7
	Keseluruhan sebab <i>All causes</i>	948		Keseluruhan sebab <i>All causes</i>	358	
Kuala Terengganu	1. <i>Ischaemic heart diseases</i>	252	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	330	48.4
	2. <i>Pneumonia</i>	218	13.8	Kencing manis <i>Diabetes mellitus</i>	50	7.3
	3. <i>Cerebrovascular diseases</i>	159	10.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	50	7.3
	4. <i>Diabetes mellitus</i>	59	3.7	Darah tinggi <i>Hypertension</i>	47	6.9
	5. <i>Transport accidents</i>	47	3.0	Barah payudara <i>Breast cancer</i>	11	1.6
	Keseluruhan sebab <i>All causes</i>	1,579		Keseluruhan sebab <i>All causes</i>	682	
Marang	1. <i>Pneumonia</i>	77	12.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	147	56.1
	2. <i>Ischaemic heart diseases</i>	68	11.1	Darah tinggi <i>Hypertension</i>	19	7.3
	3. <i>Cerebrovascular diseases</i>	68	11.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	5.3
	4. <i>Diabetes mellitus</i>	27	4.4	Kencing manis <i>Diabetes mellitus</i>	9	3.4
	5. <i>Chronic lower respiratory diseases</i>	21	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	2.3
	Keseluruhan sebab <i>All causes</i>	615		Keseluruhan sebab <i>All causes</i>	262	

Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2022 (samb.)

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Hulu Terengganu	1. Cerebrovascular diseases	81	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	77	55.4
	2. Ischaemic heart diseases	72	14.2	Darah tinggi <i>Hypertension</i>	12	8.6
	3. Pneumonia	57	11.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	5.8
	4. Chronic lower respiratory diseases	27	5.3	Kencing manis <i>Diabetes mellitus</i>	6	4.3
	5. Diabetes mellitus	16	3.1	Lelah <i>Asthma</i>	3	2.2
	Keseluruhan sebab <i>All causes</i>	508		Keseluruhan sebab <i>All causes</i>	139	
Setiu	1. Ischaemic heart diseases	64	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	122	70.1
	2. Pneumonia	51	14.7	Darah tinggi <i>Hypertension</i>	6	3.4
	3. Cerebrovascular diseases	36	10.4	Kencing manis <i>Diabetes mellitus</i>	4	2.3
	4. Transport accidents	19	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	2.3
	5. COVID-19 infection (due to)	12	3.5	Lelah <i>Asthma</i>	2	1.1
	Keseluruhan sebab <i>All causes</i>	347		Keseluruhan sebab <i>All causes</i>	174	
Kuala Nerus	1. Pneumonia	97	19.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	77	39.3
	2. Ischaemic heart diseases	84	16.8	Kencing manis <i>Diabetes mellitus</i>	24	12.2
	3. Cerebrovascular diseases	47	9.4	Darah tinggi <i>Hypertension</i>	17	8.7
	4. COVID-19 infection (due to)	14	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	7.7
	5. Diabetes mellitus	13	2.6	Lelah <i>Asthma</i>	6	3.1
	Keseluruhan sebab <i>All causes</i>	500		Keseluruhan sebab <i>All causes</i>	196	

Jadual 1.39: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Kuala Lumpur, 2022

Table 1.39: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Kuala Lumpur, 2022

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Kuala Lumpur	1. Ischaemic heart diseases	1,131	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		1,645	52.4
	2. Pneumonia	839	12.3	Darah tinggi <i>Hypertension</i>		203	6.5
	3. Cerebrovascular diseases	487	7.1	Kencing manis <i>Diabetes mellitus</i>		111	3.5
	4. Malignant neoplasm of trachea, bronchus and lung	203	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		70	2.2
	5. COVID-19 infection (due to)	196	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		57	1.8
Keseluruhan sebab <i>All causes</i>		6,823		Keseluruhan sebab <i>All causes</i>		3,139	

Jadual 1.40: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Labuan, 2022

Table 1.40: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Labuan, 2022

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Labuan	1. <i>Ischaemic heart diseases</i>	47	16.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		35	32.4
	2. <i>Pneumonia</i>	35	12.3	Darah tinggi <i>Hypertension</i>		14	13.0
	3. <i>Hypertensive diseases</i>	23	8.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		3	2.8
	4. <i>Cerebrovascular diseases</i>	17	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		2	1.9
	5. <i>Chronic lower respiratory diseases</i>	8	2.8	Lelah <i>Asthma</i>		1	0.9
Keseluruhan sebab <i>All causes</i>			284	Keseluruhan sebab <i>All causes</i>			108

Jadual 1.41: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Putrajaya, 2022

Table 1.41: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Putrajaya, 2022

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Putrajaya	1. <i>Ischaemic heart diseases</i>	37	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6	26.1	
	2. <i>Pneumonia</i>	23	10.0	Barah hati <i>Liver cancer</i>	2	8.7	
	3. <i>Cerebrovascular diseases</i>	12	5.2	Lelah <i>Asthma</i>	1	4.3	
	4. <i>Transport accidents</i>	7	3.0	Barah pankreas <i>Pancreas cancer</i>	1	4.3	
	5. <i>Hypertensive diseases</i>	6	2.6	Barah payudara <i>Breast cancer</i>	1	4.3	
	Keseluruhan sebab <i>All causes</i>			230	Keseluruhan sebab <i>All causes</i>		

**Jadual 1.42: Sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10
Malaysia, 2022**

Table 1.42: Causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2022

Sebab kematian/ Causes of death	Bil. No.
1. Cholera	-
2. Diarrhoea and gastroenteritis of presumed infectious origin	229
3. Other intestinal infectious diseases	51
4. Respiratory tuberculosis	811
5. Other tuberculosis	208
6. Plague	-
7. Tetanus	2
8. Diphtheria	1
9. Whooping cough	1
10. Meningococcal infection	2
11. Septicaemia	5,006
12. Infections with a predominantly sexual mode of transmission	9
13. Acute poliomyelitis	1
14. Rabies	8
15. Yellow fever	-
16. Other arthropod-borne viral fevers and viral haemorrhagic fevers	67
17. Measles	-
18. Viral hepatitis	210
19. Human immunodeficiency virus [HIV] disease	227
20. Malaria	12
21. Leishmaniasis	-
22. Trypanosomiasis	-
23. Schistosomiasis	-
24. Remainder of certain infectious and parasitic diseases	2,573
25. Malignant neoplasm of lip, oral cavity and pharynx	603
26. Malignant neoplasm of oesophagus	144
27. Malignant neoplasm of stomach	383
28. Malignant neoplasm of colon, rectum and anus	1,894
29. Malignant neoplasm of liver and intrahepatic bile ducts	1,389
30. Malignant neoplasm of pancreas	672
31. Malignant neoplasm of larynx	72
32. Malignant neoplasm of trachea, bronchus and lung	2,644
33. Malignant melanoma of skin	32
34. Malignant neoplasm of breast	1,922
35. Malignant neoplasm of cervix uteri	367
36. Malignant neoplasm of other and unspecified parts of uterus	335
37. Malignant neoplasm of ovary	403
38. Malignant neoplasm of prostate	457
39. Malignant neoplasm of bladder	180
40. Malignant neoplasm of meninges, brain and other parts of central nervous system	352
41. Non-Hodgkin's lymphoma	533
42. Multiple myeloma and malignant plasma cell neoplasms	123

**Jadual 1.42: Sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10
Malaysia, 2021 (samb.)**

Table 1.42: Causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2021 (cont'd)

Sebab kematian/ Causes of death	Bil. No.
43. Leukaemia	725
44. Remainder of malignant neoplasms	1,964
45. Anaemias	231
46. Diabetes mellitus	2,085
47. Malnutrition	51
48. Mental and behavioural disorders due to psychoactive substance use	1
49. Meningitis	90
50. Alzheimer's disease	31
51. Acute rheumatic fever and chronic rheumatic heart diseases	107
52. Hypertensive diseases	2,123
53. Ischaemic heart diseases	20,322
54. Other heart diseases	5,774
55. Cerebrovascular diseases	9,149
56. Atherosclerosis	18
57. Remainder of diseases of the circulatory system	919
58. Influenza	27
59. Pneumonia	16,770
60. Other acute lower respiratory infections	26
61. Chronic lower respiratory diseases	2,324
62. Remainder of diseases of the respiratory system	4,131
63. Gastric and duodenal ulcer	355
64. Diseases of the liver	1,552
65. Glomerular and renal tubulo-interstitial diseases	158
66. Pregnancy with abortive outcome	16
67. Other direct obstetric deaths	53
68. Indirect obstetric deaths	33
69. Certain conditions originating in the perinatal period	1,110
70. Congenital malformations, deformations and chromosomal abnormalities	989
71. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	6,114
72. All other diseases	13,541
73. Transport accidents	4,012
74. Falls	146
75. Accidental drowning and submersion	89
76. Exposure to smoke, fire and flames	9
77. Accidental poisoning by and exposure to noxious substances	27
78. Intentional self-harm	8
79. Assault	51
80. All other external causes	3,900
81. COVID-19 infection (due to)	5,314
Keseluruhan sebab All causes	126,268

Jadual 1.43: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2022

Table 1.43: Causes of death (non-medically certified), Malaysia, 2022

Sebab kematian Causes of death	Bil. No.
1. AIDS/ HIV	48
2. Alzheimer	7
3. Anemia/ Anaemias	70
4. Lelah/ Asthma	909
5. Barah bibir, dalam mulut dan tekak/ Lips, oral and throat cancer	135
6. Barah esofagus/ Esophagus cancer	28
7. Barah hati/ Liver cancer	695
8. Barah kolon, rektum dan dubur/ Colon, rectum and anus cancer	928
9. Barah limfoma/ Lymphoma	101
10. Barah otak dan lain-lain barah sistem saraf pusat/ Brain and other nervous system cancer	186
11. Barah ovari/ Ovary cancer	132
12. Barah pangkal rahim/ Cervix cancer	76
13. Barah pankreas/ Pancreas cancer	219
14. Barah payudara/ Breast cancer	685
15. Barah perut/ Stomach cancer	177
16. Barah peti suara/ Larynx cancer	10
17. Barah prostat/ Prostate cancer	196
18. Barah pundi kencing/ Urinary bladder cancer	47
19. Barah rahim/ Uterus cancer	166
20. Barah sel darah putih/ Leukaemia	85
21. Barah trakea, bronkus dan paru-paru/ Trachea, bronchus and lung cancer	917
22. Batuk kokol/ Whooping cough	-
23. Bunuh diri/ Suicide	-
24. Cirit birit/ Dysentery/ Diarrhea	1
25. Darah tinggi/ Hypertension	3,911
26. Demam campak/ Measles	-
27. Demam malaria/ Malaria	-
28. Demam viral dan dengan pendarahan/ Viral fevers and viral haemorrhagic fevers	3
29. Demam/ Fever	41
30. Dibunuh/ Homicide	-
31. Gangguan mental dan tingkah laku/ Mental and behavioural disorders	1
32. Gejala-gejala, tanda-tanda dan penemuan yang tidak normal/ Symptoms, signs and abnormal findings	18,776
33. Hepatitis A, B dan C/ Hepatitis A, B and C	58

Jadual 1.43: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2021 (samb.)

Table 1.43: Causes of death (non-medically certified), Malaysia, 2021 (cont'd)

Sebab kematian Causes of death		Bil. No.
34.	Jatuh/ Falls	22
35.	Kancing gigi/ Tetanus	-
36.	Keadaan tertentu berpunca dalam tempoh perinatal/ Certain conditions originating in the perinatal period	15
37.	Kebakaran/ Burning	-
38.	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ Congenital malformations, deformations and chromosomal abnormalities	114
39.	Kemalangan pengangkutan - udara, darat dan air/ Transport accidents - air, land and water	100
40.	Kematian Ibu Bersalin/ Maternal death	-
41.	Kencing manis/ Diabetes mellitus	2,619
42.	Keracunan/ Poisoning	4
43.	Kolera/ Cholera	-
44.	Kuman dalam darah/ Septicaemia	92
45.	Lain-lain barah/ Other cancer	1,652
46.	Lain-lain penyakit/ Other diseases	2,697
47.	Lain-lain penyakit berjangkit/ Other infectious diseases	131
48.	Lain-lain penyakit berkaitan sistem peredaran darah/ Other disorders of circulatory system	73
49.	Lain-lain penyakit sistem pernafasan/ Other diseases of the respiratory system	297
50.	Mati lemas/ Drowning	17
51.	Meningitis	25
52.	Paru-paru berair/ Pulmonary edema	145
53.	Penyakit hati/ Liver disease	209
54.	Penyakit jangkitan melalui hubungan seksual/ Sexually transmitted disease	1
55.	Penyakit jangkitan usus lain/ Other infection of intestines diseases	-
56.	Penyakit jantung iskemia/ Ischaemic heart diseases	1,024
57.	Penyakit lain berkaitan jantung/ Other heart diseases	3,892
58.	Penyakit serebrovaskular/ Cerebrovascular diseases	2,109
59.	Radang paru-paru/ Pneumonia	471
60.	Sakit tua 65 tahun dan lebih/ Old age 65 years and over	35,679
61.	Sebab-sebab kematian berpunca dari faktor luar/ Other external causes	66
62.	Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ Difficulty in breathing [infant death for aged 28-364 days]	5
63.	Tibi/ Batuk kering/ Tuberculosis	182
64.	Ulser perut/ Gastric ulcer	8
Keseluruhan sebab All causes		80,257

Jadual 1.44: Kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2022

Table 1.44: Medically certified deaths by ICD-10 Chapters, Malaysia, 2022

Sebab kematian/ Causes of death	Kod ICD-10 ICD-10 Code	Bil. No.	%
1. Diseases of the circulatory system	I00-I99	38,412	30.4
2. Diseases of the respiratory system	J00-J99	23,278	18.4
3. Neoplasms	C00-D48	15,901	12.6
4. Certain infectious and parasitic diseases	A00-B99	9,418	7.5
5. External causes of morbidity and mortality	V01-Y98	8,242	6.5
6. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	6,114	4.8
7. Codes for special purposes	U00-U89	5,314	4.2
8. Diseases of the genitourinary system	N00-N99	4,662	3.7
9. Diseases of the digestive system	K00-K93	4,300	3.4
10. Endocrine, nutritional and metabolic diseases	E00-E90	3,471	2.7
11. Diseases of the nervous system	G00-G99	1,590	1.3
12. Diseases of the skin and subcutaneous tissue	L00-L96	1,448	1.1
13. Certain conditions originating in the perinatal period	P00-P96	1,110	0.9
14. Diseases of the musculoskeletal system and connective tissue	M00-M99	1,108	0.9
15. Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	989	0.8
16. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	720	0.6
17. Pregnancy, childbirth and the puerperium	O00-O99	105	0.1
18. Mental and behavioural disorders	F00-F99	70	0.1
19. Diseases of the ear and mastoid process	H60-H95	10	0.0
20. Diseases of the eye and adnexa	H00-H59	6	0.0
21. Injury, poisoning and certain other consequences of external causes	S00-T98	-	-
22. Factors influencing health status and contact with health services		-	-
Keseluruhan sebab All causes		126,268	

Jadual 1.45: Kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2022

Table 1.45: Medically certified deaths by Chapters of Neoplasms, Malaysia, 2022

Sebab kematian/ <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 Code</i>	Bil. <i>No.</i>
1. <i>Malignant neoplasms of lip, oral cavity and pharynx</i>	C00-C14	603
2. <i>Malignant neoplasms of digestive organs</i>	C15-C26	4,722
3. <i>Malignant neoplasms of respiratory and intrathoracic organs</i>	C30-C39	2,819
4. <i>Malignant neoplasms of bone and articular cartilage</i>	C40-C41	81
5. <i>Melanoma and other malignant neoplasms of skin</i>	C43-C44	129
6. <i>Malignant neoplasms of mesothelial and soft tissue</i>	C45-C49	221
7. <i>Malignant neoplasms of breast</i>	C50	1,922
8. <i>Malignant neoplasms of female genital organs</i>	C51-C58	1,139
9. <i>Malignant neoplasms of male genital organs</i>	C60-C63	507
10. <i>Malignant neoplasms of urinary tract</i>	C64-C68	400
11. <i>Malignant neoplasms of eye, brain and other parts of central nervous system</i>	C69-C72	358
12. <i>Malignant neoplasms of thyroid and other endocrine glands</i>	C73-C75	200
13. <i>Malignant neoplasms of ill-defined, secondary and unspecified sites</i>	C76-C80	632
14. <i>Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue</i>	C81-C96	1,461
15. <i>Malignant neoplasms of independent (primary) multiple sites</i>	C97	-
16. <i>In situ neoplasms</i>	D00-D09	9
17. <i>Benign neoplasms</i>	D10-D36	117
18. <i>Neoplasms of uncertain or unknown behaviour</i>	D37-D48	581
Keseluruhan sebab <i>All causes</i>		15,901

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KEMATIAN PERINATAL

PERINATAL DEATHS



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 2.1: Kematian perinatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 2.1: Perinatal deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian perinatal <i>Perinatal deaths</i>			Kadar mortaliti perinatal <i>Perinatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	3,468	1,943	1,525	8.2	8.9	7.4
Johor	382	218	164	7.9	8.8	7.0
Kedah	237	136	101	7.7	8.6	6.7
Kelantan	282	163	119	8.3	9.3	7.2
Melaka	101	57	44	7.7	8.4	6.9
Negeri Sembilan	111	63	48	6.9	7.5	6.3
Pahang	193	108	85	8.1	8.8	7.5
Perak	227	113	114	7.7	7.4	7.9
Perlis	35	19	16	9.3	9.6	9.0
Pulau Pinang	144	71	73	8.1	7.8	8.4
Sabah	471	259	212	10.7	11.4	10.0
Sarawak	257	143	114	8.3	8.9	7.6
Selangor	631	365	266	7.5	8.4	6.6
Terengganu	209	122	87	8.2	9.3	7.1
W.P. Kuala Lumpur	153	86	67	7.7	8.4	6.9
W.P. Labuan	19	12	7	13.7	16.9	10.4
W.P. Putrajaya	16	8	8	8.6	8.3	9.0

Kadar adalah bagi setiap 1,000 kelahiran

The rates are per 1,000 births

Jadual 2.2: Lima sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 2.2: Five principal causes of perinatal death (medically certified and non-medically certified) by sex, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Jumlah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	310	24.6	Sakit jantung kongenital <i>Congenital heart disease</i>	4	5.4
	2. Edward's syndrome and Patau's syndrome	94	7.5	Pramatang <i>Premature</i>	3	4.1
	3. Cardiovascular disorders originating in the perinatal period	89	7.1	Kepala berair <i>Hydrocephalus</i>	1	1.4
	4. Bacterial sepsis of newborn	40	3.2	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	38	3.0	-		
	Keseluruhan sebab <i>All causes</i>	1,260		Keseluruhan sebab <i>All causes</i>	74	
Lelaki	1. Disorders related to short gestation and low birth weight, not elsewhere classified	181	25.1	Sakit jantung kongenital <i>Congenital heart disease</i>	3	8.1
	2. Cardiovascular disorders originating in the perinatal period	59	8.2	Pramatang <i>Premature</i>	1	2.7
	3. Edward's syndrome and Patau's syndrome	44	6.1	-		
	4. Respiratory distress of newborn	30	4.2	-		
	5. Bacterial sepsis of newborn	25	3.5	-		
	Keseluruhan sebab <i>All causes</i>	722		Keseluruhan sebab <i>All causes</i>	37	
Perempuan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	129	24.0	Pramatang <i>Premature</i>	2	5.4
	2. Edward's syndrome and Patau's syndrome	50	9.3	Kepala berair <i>Hydrocephalus</i>	1	2.7
	3. Cardiovascular disorders originating in the perinatal period	30	5.6	Sakit jantung kongenital <i>Congenital heart disease</i>	1	2.7
	4. Congenital malformations of lung	17	3.2	-		
	5. Bacterial sepsis of newborn	15	2.8	-		
	Keseluruhan sebab <i>All causes</i>	538		Keseluruhan sebab <i>All causes</i>	37	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. Disorders related to short gestation and low birth weight, not elsewhere classified	36	24.2	-		
	2. Cardiovascular disorders originating in the perinatal period	12	8.1	-		
	3. Edward's syndrome and Patau's syndrome	10	6.7	-		
	Keseluruhan sebab <i>All causes</i>	149		Keseluruhan sebab <i>All causes</i>	2	
Kedah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	27	31.0	Sakit jantung kongenital <i>Congenital heart disease</i>	1	100.0
	2. Edward's syndrome and Patau's syndrome	5	5.7	-		
	3. Cardiovascular disorders originating in the perinatal period	4	4.6	-		
	Keseluruhan sebab <i>All causes</i>	87		Keseluruhan sebab <i>All causes</i>	1	
Kelantan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	16	14.7	Kepala berair <i>Hydrocephalus</i>	1	100.0
	2. Edward's syndrome and Patau's syndrome	10	9.2	-		
	3. Cardiovascular disorders originating in the perinatal period	8	7.3	-		
	Keseluruhan sebab <i>All causes</i>	109		Keseluruhan sebab <i>All causes</i>	1	
Melaka	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	25.5	-		
	2. Anencephaly and similar malformations	4	8.5	-		
	3. Necrotizing enterocolitis of fetus and newborn	4	8.5	-		
	Keseluruhan sebab <i>All causes</i>	47		Keseluruhan sebab <i>All causes</i>	1	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Negeri Sembilan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	8	19.0	-		
	2. Bacterial sepsis of newborn	4	9.5	-		
	3. Cardiovascular disorders originating in the perinatal period	4	9.5	-		
	Keseluruhan sebab <i>All causes</i>	42		Keseluruhan sebab <i>All causes</i>	1	
Pahang	1. Disorders related to short gestation and low birth weight, not elsewhere classified	17	23.6	-		
	2. Bacterial sepsis of newborn	5	6.9	-		
	3. Cardiovascular disorders originating in the perinatal period	5	6.9	-		
	Keseluruhan sebab <i>All causes</i>	72		Keseluruhan sebab <i>All causes</i>	4	
Perak	1. Disorders related to short gestation and low birth weight, not elsewhere classified	27	27.0	Sakit jantung kongenital Congenital heart disease	1	33.3
	2. Cardiovascular disorders originating in the perinatal period	7	7.0	-		
	3. Edward's syndrome and Patau's syndrome	6	6.0	-		
	Keseluruhan sebab <i>All causes</i>	100		Keseluruhan sebab <i>All causes</i>	3	
Perlis	1. Disorders related to short gestation and low birth weight, not elsewhere classified	3	14.3	-		
	2. Edward's syndrome and Patau's syndrome	3	14.3	-		
	3. Cardiovascular disorders originating in the perinatal period	1	4.8	-		
	Keseluruhan sebab <i>All causes</i>	21		Keseluruhan sebab <i>All causes</i>	-	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Pulau Pinang	1. Disorders related to short gestation and low birth weight, not elsewhere classified	10	20.8	-			
	2. Cardiovascular disorders originating in the perinatal period	5	10.4	-			
	3. Congenital malformations of lung	5	10.4	-			
	Keseluruhan sebab All causes	48		Keseluruhan sebab All causes		-	
Sabah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	46	37.4	-			
	2. Edward's syndrome and Patau's syndrome	9	7.3	-			
	3. Cardiovascular disorders originating in the perinatal period	6	4.9	-			
	Keseluruhan sebab All causes	123		Keseluruhan sebab All causes		52	
Sarawak	1. Disorders related to short gestation and low birth weight, not elsewhere classified	23	25.0	-			
	2. Cardiovascular disorders originating in the perinatal period	8	8.7	-			
	3. Edward's syndrome and Patau's syndrome	6	6.5	-			
	Keseluruhan sebab All causes	92		Keseluruhan sebab All causes		3	
Selangor	1. Disorders related to short gestation and low birth weight, not elsewhere classified	48	23.1	Pramatang Premature		2	40.0
	2. Cardiovascular disorders originating in the perinatal period	17	8.2	Sakit jantung kongenital Congenital heart disease		2	40.0
	3. Edward's syndrome and Patau's syndrome	14	6.7	-			
	Keseluruhan sebab All causes	208		Keseluruhan sebab All causes		5	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. Disorders related to short gestation and low birth weight, not elsewhere classified	19	20.9	Pramatang Premature	1	100.0
	2. Edward's syndrome and Patau's syndrome	9	9.9	-		
	3. Cardiovascular disorders originating in the perinatal period	7	7.7	-		
	Keseluruhan sebab <i>All causes</i>	91		Keseluruhan sebab <i>All causes</i>	1	
W.P. Kuala Lumpur	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	21.4	-		
	2. Edward's syndrome and Patau's syndrome	7	12.5	-		
	3. Intracranial nontraumatic haemorrhage of fetus and newborn	5	8.9	-		
	Keseluruhan sebab <i>All causes</i>	56		Keseluruhan sebab <i>All causes</i>	-	
W.P. Labuan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	4	40.0	-		
	2. Congenital malformations of lung	1	10.0	-		
	3. Edward's syndrome and Patau's syndrome	1	10.0	-		
	Keseluruhan sebab <i>All causes</i>	10		Keseluruhan sebab <i>All causes</i>	-	
W.P. Putrajaya	1. Disorders related to short gestation and low birth weight, not elsewhere classified	2	40.0	-		
	2. Intracranial nontraumatic haemorrhage of fetus and newborn	2	40.0	-		
	3. -			-		
	Keseluruhan sebab <i>All causes</i>	5		Keseluruhan sebab <i>All causes</i>	-	

KEMATIAN NEONATAL *NEONATAL DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 3.1: Kematian neonatal awal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 3.1: Early neonatal deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian neonatal awal <i>Early neonatal deaths</i>			Kadar mortaliti neonatal awal <i>Early neonatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	1,334	759	575	3.2	3.5	2.8
Johor	151	85	66	3.1	3.4	2.8
Kedah	88	42	46	2.9	2.7	3.1
Kelantan	110	70	40	3.3	4.0	2.4
Melaka	48	30	18	3.7	4.4	2.8
Negeri Sembilan	43	20	23	2.7	2.4	3.0
Pahang	76	40	36	3.2	3.3	3.2
Perak	103	56	47	3.5	3.7	3.3
Perlis	21	11	10	5.6	5.6	5.6
Pulau Pinang	48	29	19	2.7	3.2	2.2
Sabah	175	107	68	4.0	4.8	3.2
Sarawak	95	57	38	3.1	3.6	2.5
Selangor	213	118	95	2.5	2.7	2.4
Terengganu	92	53	39	3.6	4.1	3.2
W.P. Kuala Lumpur	56	34	22	2.8	3.3	2.3
W.P. Labuan	10	5	5	7.3	7.1	7.5
W.P. Putrajaya	5	2	3	2.7	2.1	3.4

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

Jadual 3.2: Kematian neonatal akhir (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 3.2: Late neonatal deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian neonatal akhir <i>Late neonatal deaths</i>			Kadar mortaliti neonatal akhir <i>Late neonatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	455	265	190	1.1	1.2	0.9
Johor	51	29	22	1.1	1.2	0.9
Kedah	26	12	14	0.8	0.8	0.9
Kelantan	58	28	30	1.7	1.6	1.8
Melaka	16	14	2	1.2	2.1	0.3
Negeri Sembilan	20	11	9	1.3	1.3	1.2
Pahang	18	10	8	0.8	0.8	0.7
Perak	36	21	15	1.2	1.4	1.0
Perlis	3	3	-	0.8	1.5	-
Pulau Pinang	15	7	8	0.8	0.8	0.9
Sabah	52	30	22	1.2	1.3	1.0
Sarawak	36	20	16	1.2	1.3	1.1
Selangor	73	52	21	0.9	1.2	0.5
Terengganu	34	20	14	1.3	1.5	1.1
W.P. Kuala Lumpur	14	8	6	0.7	0.8	0.6
W.P. Labuan	-	-	-	-	-	-
W.P. Putrajaya	3	-	3	1.6	-	3.4

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

Jadual 3.3: Kematian neonatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 3.3: Neonatal deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian neonatal <i>Neonatal deaths</i>			Kadar mortaliti neonatal <i>Neonatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	1,789	1,024	765	4.2	4.7	3.7
Johor	202	114	88	4.2	4.6	3.7
Kedah	114	54	60	3.7	3.4	4.0
Kelantan	168	98	70	5.0	5.6	4.3
Melaka	64	44	20	4.9	6.5	3.1
Negeri Sembilan	63	31	32	3.9	3.7	4.2
Pahang	94	50	44	4.0	4.1	3.9
Perak	139	77	62	4.7	5.1	4.3
Perlis	24	14	10	6.4	7.1	5.6
Pulau Pinang	63	36	27	3.6	4.0	3.1
Sabah	227	137	90	5.2	6.1	4.3
Sarawak	131	77	54	4.2	4.8	3.6
Selangor	286	170	116	3.4	3.9	2.9
Terengganu	126	73	53	5.0	5.6	4.3
W.P. Kuala Lumpur	70	42	28	3.5	4.1	2.9
W.P. Labuan	10	5	5	7.3	7.1	7.5
W.P. Putrajaya	8	2	6	4.4	2.1	6.8

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

Jadual 3.4: Lima sebab kematian utama neonatal awal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 3.4: Five principal causes of early neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Jumlah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	310	24.6	Sakit jantung kongenital <i>Congenital heart disease</i>	4	5.4
	2. Edward's syndrome and Patau's syndrome	94	7.5	Pramatang <i>Premature</i>	3	4.1
	3. Cardiovascular disorders originating in the perinatal period	89	7.1	Kepala berair <i>Hydrocephalus</i>	1	1.4
	4. Bacterial sepsis of newborn	40	3.2	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	38	3.0	-		
	Keseluruhan sebab <i>All causes</i>	1,260		Keseluruhan sebab <i>All causes</i>	74	
Lelaki	1. Disorders related to short gestation and low birth weight, not elsewhere classified	181	25.1	Sakit jantung kongenital <i>Congenital heart disease</i>	3	8.1
	2. Cardiovascular disorders originating in the perinatal period	59	8.2	Pramatang <i>Premature</i>	1	2.7
	3. Edward's syndrome and Patau's syndrome	44	6.1	-		
	4. Respiratory distress of newborn	30	4.2	-		
	5. Bacterial sepsis of newborn	25	3.5	-		
	Keseluruhan sebab <i>All causes</i>	722		Keseluruhan sebab <i>All causes</i>	37	
Perempuan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	129	24.0	Pramatang <i>Premature</i>	2	5.4
	2. Edward's syndrome and Patau's syndrome	50	9.3	Kepala berair <i>Hydrocephalus</i>	1	2.7
	3. Cardiovascular disorders originating in the perinatal period	30	5.6	Sakit jantung kongenital <i>Congenital heart disease</i>	1	2.7
	4. Congenital malformations of lung	17	3.2	-		
	5. Bacterial sepsis of newborn	15	2.8	-		
	Keseluruhan sebab <i>All causes</i>	538		Keseluruhan sebab <i>All causes</i>	37	

Jadual 3.5: Lima sebab kematian utama neonatal akhir (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 3.5: Five principal causes of late neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2022

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Jumlah	1. Bacterial sepsis of newborn	42	10.3	Sakit jantung kongenital Congenital heart disease	7	14.9			
	2. Cardiovascular disorders originating in the perinatal period	33	8.1	Pramatang Premature	2	4.3			
	3. Necrotizing enterocolitis of fetus and newborn	33	8.1	-					
	4. Edward's syndrome and Patau's syndrome	24	5.9	-					
	5. Disorders related to short gestation and low birth weight, not elsewhere classified	17	4.2	-					
	Keseluruhan sebab All causes	407		Keseluruhan sebab All causes	47				
Lelaki	1. Bacterial sepsis of newborn	29	12.4	Sakit jantung kongenital Congenital heart disease	6	19.4			
	2. Necrotizing enterocolitis of fetus and newborn	19	8.1	Pramatang Premature	1	3.2			
	3. Cardiovascular disorders originating in the perinatal period	17	7.3	-					
	4. Congenital malformations of cardiac chambers and connections	12	5.1	-					
	5. Disorders related to short gestation and low birth weight, not elsewhere classified	10	4.3	-					
	Keseluruhan sebab All causes	234		Keseluruhan sebab All causes	31				
Perempuan	1. Cardiovascular disorders originating in the perinatal period	16	9.2	Pramatang Premature	1	6.3			
	2. Edward's syndrome and Patau's syndrome	15	8.7	Sakit jantung kongenital Congenital heart disease	1	6.3			
	3. Necrotizing enterocolitis of fetus and newborn	14	8.1	-					
	4. Bacterial sepsis of newborn	13	7.5	-					
	5. Congenital malformations of aortic and mitral valves	8	4.6	-					
	Keseluruhan sebab All causes	173		Keseluruhan sebab All causes	16				

Jadual 3.6: Lima sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 3.6: Five principal causes of neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2022

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Jumlah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	327	19.6	Sakit jantung kongenital Congenital heart disease	11	9.1
	2. Cardiovascular disorders originating in the perinatal period	122	7.3	Pramatang Premature	5	4.1
	3. Edward's syndrome and Patau's syndrome	118	7.1	Kepala berair Hydrocephalus	1	0.8
	4. Bacterial sepsis of newborn	82	4.9	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	51	3.1	-		
	Keseluruhan sebab All causes	1,667		Keseluruhan sebab All causes	121	
Lelaki	1. Disorders related to short gestation and low birth weight, not elsewhere classified	191	20.0	Sakit jantung kongenital Congenital heart disease	9	13.2
	2. Cardiovascular disorders originating in the perinatal period	76	7.9	Pramatang Premature	2	2.9
	3. Bacterial sepsis of newborn	54	5.6	-		
	4. Edward's syndrome and Patau's syndrome	53	5.5	-		
	5. Respiratory distress of newborn	33	3.5	-		
	Keseluruhan sebab All causes	956		Keseluruhan sebab All causes	68	
Perempuan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	136	19.1	Pramatang Premature	3	5.7
	2. Edward's syndrome and Patau's syndrome	65	9.1	Sakit jantung kongenital Congenital heart disease	2	3.8
	3. Cardiovascular disorders originating in the perinatal period	46	6.5	Kepala berair Hydrocephalus	1	1.9
	4. Bacterial sepsis of newborn	28	3.9	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	22	3.1	-		
	Keseluruhan sebab All causes	711		Keseluruhan sebab All causes	53	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Johor	1. Disorders related to short gestation and low birth weight, not elsewhere classified	38	19.1	-		
	2. Bacterial sepsis of newborn	13	6.5	-		
	3. Cardiovascular disorders originating in the perinatal period	12	6.0	-		
	Keseluruhan sebab <i>All causes</i>	199		Keseluruhan sebab <i>All causes</i>	3	
Kedah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	28	25.2	Sakit jantung kongenital Congenital heart disease	1	33.3
	2. Cardiovascular disorders originating in the perinatal period	7	6.3	-		
	3. Edward's syndrome and Patau's syndrome	6	5.4	-		
	Keseluruhan sebab <i>All causes</i>	111		Keseluruhan sebab <i>All causes</i>	3	
Kelantan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	20	12.1	Kepala berair Hydrocephalus	1	33.3
	2. Cardiovascular disorders originating in the perinatal period	16	9.7	Sakit jantung kongenital Congenital heart disease	1	33.3
	3. Edward's syndrome and Patau's syndrome	13	7.9	-		
	Keseluruhan sebab <i>All causes</i>	165		Keseluruhan sebab <i>All causes</i>	3	
Melaka	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	20.7	Sakit jantung kongenital Congenital heart disease	2	33.3
	2. Cardiovascular disorders originating in the perinatal period	6	10.3	Pramatang Premature	1	16.7
	3. Anencephaly and similar malformations	4	6.9	-		
	Keseluruhan sebab <i>All causes</i>	58		Keseluruhan sebab <i>All causes</i>	6	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Negeri Sembilan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	9	15.3	Pramatang Premature	1	25.0
	2. Bacterial sepsis of newborn	6	10.2	Sakit jantung kongenital Congenital heart disease	1	25.0
	3. Edward's syndrome and Patau's syndrome	6	10.2	-		
	Keseluruhan sebab All causes	59		Keseluruhan sebab All causes	4	
Pahang	1. Disorders related to short gestation and low birth weight, not elsewhere classified	18	20.7	Sakit jantung kongenital Congenital heart disease	2	28.6
	2. Cardiovascular disorders originating in the perinatal period	8	9.2	-		
	3. Bacterial sepsis of newborn	7	8.0	-		
	Keseluruhan sebab All causes	87		Keseluruhan sebab All causes	7	
Perak	1. Disorders related to short gestation and low birth weight, not elsewhere classified	27	20.3	Sakit jantung kongenital Congenital heart disease	1	16.7
	2. Cardiovascular disorders originating in the perinatal period	9	6.8	-		
	3. Edward's syndrome and Patau's syndrome	8	6.0	-		
	Keseluruhan sebab All causes	133		Keseluruhan sebab All causes	6	
Perlis	1. Edward's syndrome and Patau's syndrome	5	20.8	-		
	2. Disorders related to short gestation and low birth weight, not elsewhere classified	3	12.5	-		
	3. Cardiovascular disorders originating in the perinatal period	1	4.2	-		
	Keseluruhan sebab All causes	24		Keseluruhan sebab All causes	-	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Pulau Pinang	1. Disorders related to short gestation and low birth weight, not elsewhere classified	10	15.9	-		
	2. Cardiovascular disorders originating in the perinatal period	5	7.9	-		
	3. Congenital malformations of lung	5	7.9	-		
	Keseluruhan sebab All causes	63		Keseluruhan sebab All causes	-	
Sabah	1. Disorders related to short gestation and low birth weight, not elsewhere classified	46	29.3	-		
	2. Edward's syndrome and Patau's syndrome	12	7.6	-		
	3. Cardiovascular disorders originating in the perinatal period	8	5.1	-		
	Keseluruhan sebab All causes	157		Keseluruhan sebab All causes	69	
Sarawak	1. Disorders related to short gestation and low birth weight, not elsewhere classified	28	22.6	-		
	2. Cardiovascular disorders originating in the perinatal period	9	7.3	-		
	3. Necrotizing enterocolitis of fetus and newborn	7	5.6	-		
	Keseluruhan sebab All causes	124		Keseluruhan sebab All causes	7	
Selangor	1. Disorders related to short gestation and low birth weight, not elsewhere classified	50	18.1	Sakit jantung kongenital Congenital heart disease	3	33.3
	2. Cardiovascular disorders originating in the perinatal period	24	8.7	Pramatang Premature	2	22.2
	3. Edward's syndrome and Patau's syndrome	19	6.9	-		
	Keseluruhan sebab All causes	277		Keseluruhan sebab All causes	9	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Terengganu	1. Disorders related to short gestation and low birth weight, not elsewhere classified	19	15.4	Pramatang Premature	1	33.3
	2. Cardiovascular disorders originating in the perinatal period	11	8.9	-		
	3. Edward's syndrome and Patau's syndrome	10	8.1	-		
	Keseluruhan sebab All causes	123		Keseluruhan sebab All causes	3	
W.P. Kuala Lumpur	1. Disorders related to short gestation and low birth weight, not elsewhere classified	13	18.8	-		
	2. Edward's syndrome and Patau's syndrome	8	11.6	-		
	3. Intracranial nontraumatic haemorrhage of fetus and newborn	5	7.2	-		
	Keseluruhan sebab All causes	69		Keseluruhan sebab All causes	1	
W.P. Labuan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	4	40.0	-		
	2. Congenital malformations of lung	1	10.0	-		
	3. Edward's syndrome and Patau's syndrome	1	10.0	-		
	Keseluruhan sebab All causes	10		Keseluruhan sebab All causes	-	
W.P. Putrajaya	1. Bacterial sepsis of newborn	2	25.0	-		
	2. Disorders related to short gestation and low birth weight, not elsewhere classified	2	25.0	-		
	3. Intracranial nontraumatic haemorrhage of fetus and newborn	2	25.0	-		
	Keseluruhan sebab All causes	8		Keseluruhan sebab All causes	-	

KEMATIAN IBU BERSALIN

MATERNAL DEATHS



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 4.1: Kematian ibu bersalin (bilangan dan nisbah) mengikut negeri, Malaysia, 2022

Table 4.1: Maternal deaths (number and ratio) by state, Malaysia, 2022

	Kematian ibu bersalin <i>Maternal deaths</i>	Nisbah mortaliti ibu bersalin <i>Maternal mortality ratio</i>
MALAYSIA	110	26.0
Johor	11	22.8
Kedah	11	35.7
Kelantan	15	44.4
Melaka	2	15.3
Negeri Sembilan	1	6.3
Pahang	5	21.2
Perak	6	20.3
Perlis	1	26.7
Pulau Pinang	4	22.6
Sabah	13	29.8
Sarawak	6	19.4
Selangor	19	22.7
Terengganu	10	39.5
W.P. Kuala Lumpur	3	15.1
W.P. Labuan	2	145.6
W.P. Putrajaya	1	54.4

Nisbah adalah bagi setiap 100,000 kelahiran hidup

The ratio are per 100,000 live births

Jadual 4.2: Lima sebab kematian utama ibu bersalin (disahkan secara perubatan)
Malaysia, 2022

Table 4.2: Five principal causes of maternal death (medically certified) Malaysia, 2022

Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%
1. <i>Obstetric embolism</i>	16	14.5
2. <i>Ectopic pregnancy</i>	13	11.8
3. <i>Gestational [pregnancy - induced] hypertension with significant proteinuria</i>	9	8.2
4. <i>Postpartum haemorrhage</i>	8	7.3
5. <i>Puerperal sepsis</i>	3	2.7
Keseluruhan sebab <i>All causes</i>	110	

Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 4.3: Three principal causes of maternal death (medically certified) by state, Malaysia, 2022

Johor			Kedah		
	Bil. No.	%		Bil. No.	%
1. Ectopic pregnancy	2	18.2	Ectopic pregnancy	1	9.1
2. Excessive vomiting in pregnancy	1	9.1	Spontaneous abortion	1	9.1
3. Venous complications in pregnancy	1	9.1	Pre-existing hypertension complicating pregnancy, childbirth and the puerperium	1	9.1
Keseluruhan sebab All causes		11	Keseluruhan sebab All causes		11
Kelantan			Melaka		
	Bil. No.	%		Bil. No.	%
1. Postpartum haemorrhage	2	13.3	Ectopic pregnancy	1	50.0
2. Gestational [pregnancy - induced] hypertension with significant proteinuria	1	6.7	Obstetric embolism	1	50.0
3. Eclampsia	1	6.7	-		
Keseluruhan sebab All causes		15	Keseluruhan sebab All causes		2
Negeri Sembilan			Pahang		
	Bil. No.	%		Bil. No.	%
1. Obstetric embolism	1	100.0	Obstetric embolism	2	40.0
2. -			Eclampsia	1	20.0
3. -			Postpartum haemorrhage	1	20.0
Keseluruhan sebab All causes		1	Keseluruhan sebab All causes		5

Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 4.3: Three principal causes of maternal death (medically certified) by state, Malaysia, 2022 (cont'd)

Perak	Bil. No.	%	Perlis	Bil. No.	%
1. <i>Obstetric embolism</i>	2	33.3	-		
2. <i>Ectopic pregnancy</i>	1	16.7	-		
3. -			-		
Keseluruhan sebab <i>All causes</i>			6	Keseluruhan sebab <i>All causes</i>	
				1	
Pulau Pinang	Bil. No.	%	Sabah	Bil. No.	%
1. <i>Gestational [pregnancy - induced] hypertension with significant proteinuria</i>	1	25.0	<i>Gestational [pregnancy - induced] hypertension with significant proteinuria</i>	2	15.4
2. <i>Obstetric embolism</i>	1	25.0	<i>Obstetric embolism</i>	2	15.4
3. -			<i>Ectopic pregnancy</i>	1	7.7
Keseluruhan sebab <i>All causes</i>			4	Keseluruhan sebab <i>All causes</i>	
				13	
Sarawak	Bil. No.	%	Selangor	Bil. No.	%
1. <i>Gestational [pregnancy - induced] hypertension with significant proteinuria</i>	1	16.7	<i>Ectopic pregnancy</i>	4	21.1
2. <i>Postpartum haemorrhage</i>	1	16.7	<i>Gestational [pregnancy - induced] hypertension with significant proteinuria</i>	3	15.8
3. <i>Venous complications in the puerperium</i>	1	16.7	<i>Obstetric embolism</i>	3	15.8
Keseluruhan sebab <i>All causes</i>			6	Keseluruhan sebab <i>All causes</i>	
				19	

Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 4.3: Three principal causes of maternal death (medically certified) by state, Malaysia, 2022 (cont'd)

Terengganu			W.P. Kuala Lumpur		
	Bil. No.	%		Bil. No.	%
1. Postpartum haemorrhage	3	30.0	Ectopic pregnancy	1	33.3
2. Obstetric embolism	2	20.0	Gestational [pregnancy - induced] hypertension with significant proteinuria	1	33.3
3. Ectopic pregnancy	1	10.0	-		
Keseluruhan sebab All causes			Keseluruhan sebab All causes		
10			3		
W.P. Labuan			W.P. Putrajaya		
	Bil. No.	%		Bil. No.	%
1. Ectopic pregnancy	1	50.0	-		
2. -			-		
3. -			-		
Keseluruhan sebab All causes			Keseluruhan sebab All causes		
2			1		

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KEMATIAN BAYI *INFANT DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 5.1: Kematian bayi (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 5.1: Infant deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian bayi Infant deaths			Kadar mortaliti bayi Infant mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	2,871	1,625	1,246	6.8	7.4	6.1
Johor	323	178	145	6.7	7.2	6.2
Kedah	193	98	95	6.3	6.2	6.3
Kelantan	264	158	106	7.8	9.0	6.5
Melaka	88	54	34	6.7	8.0	5.3
Negeri Sembilan	99	55	44	6.2	6.5	5.8
Pahang	164	89	75	7.0	7.3	6.6
Perak	216	123	93	7.3	8.1	6.5
Perlis	35	23	12	9.3	11.7	6.7
Pulau Pinang	102	60	42	5.8	6.6	4.8
Sabah	392	222	170	9.0	9.9	8.0
Sarawak	183	100	83	5.9	6.3	5.5
Selangor	495	283	212	5.9	6.5	5.3
Terengganu	167	99	68	6.6	7.6	5.6
W.P. Kuala Lumpur	122	71	51	6.1	6.9	5.3
W.P. Labuan	13	6	7	9.5	8.5	10.4
W.P. Putrajaya	15	6	9	8.2	6.3	10.2

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	1,110	42.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	56	21.9
2. Congenital malformations, deformations and chromosomal abnormalities	751	28.7	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	15	5.9
3. Pneumonia	67	2.6	Sesak nafas [bagi kematian bayi berumur 28-364 hari] Difficulty in breathing [Infant death for aged 28-364 days]	5	2.0
4. COVID-19 infection (due to)	26	1.0	Radang paru-paru Pneumonia	4	1.6
5. Meningitis	19	0.7	Lelah Asthma	1	0.4
6. Diseases of the liver	14	0.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	0.4
7. Transport accidents	12	0.5	Demam Fever	1	0.4
8. Cerebrovascular diseases	10	0.4	Meningitis	1	0.4
9. Chronic lower respiratory diseases	9	0.3	-		
10. Leukaemia	6	0.2	-		
Keseluruhan sebab All causes		2,615	Keseluruhan sebab All causes		256

Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	668	44.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	27	21.1
2. Congenital malformations, deformations and chromosomal abnormalities	383	25.6	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	8	6.3
3. Pneumonia	42	2.8	Radang paru-paru Pneumonia	3	2.3
4. COVID-19 infection (due to)	12	0.8	Sesak nafas [bagi kematian bayi berumur 28-364 hari] Difficulty in breathing [Infant death for aged 28-364 days]	3	2.3
5. Diseases of the liver	11	0.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	0.8
6. Meningitis	9	0.6	-		
7. Chronic lower respiratory diseases	9	0.6	-		
8. Transport accidents	5	0.3	-		
9. Influenza	4	0.3	-		
10. Ischaemic heart diseases	3	0.2	-		
Keseluruhan sebab All causes	1,497		Keseluruhan sebab All causes	128	

Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	442	39.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	29	22.7
2. Congenital malformations, deformations and chromosomal abnormalities	368	32.9	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	7	5.5
3. Pneumonia	25	2.2	Sesak nafas [bagi kematian bayi berumur 28-364 hari] Difficulty in breathing [Infant death for aged 28-364 days]	2	1.6
4. COVID-19 infection (due to)	14	1.3	Lelah Asthma	1	0.8
5. Meningitis	10	0.9	Demam Fever	1	0.8
6. Cerebrovascular diseases	7	0.6	Meningitis	1	0.8
7. Transport accidents	7	0.6	Radang paru-paru Pneumonia	1	0.8
8. Leukaemia	4	0.4	-		
9. Diseases of the liver	3	0.3	-		
10. Malignant neoplasm of meninges, brain and other parts of central nervous system	2	0.2	-		
Keseluruhan sebab All causes	1,118		Keseluruhan sebab All causes	128	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Johor	1. <i>Certain conditions originating in the perinatal period</i>	138	44.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	58.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	83	26.7	Radang paru-paru <i>Pneumonia</i>	1	8.3
	3. <i>Pneumonia</i>	11	3.5	-		
	Keseluruhan sebab <i>All causes</i>	311		Keseluruhan sebab <i>All causes</i>	12	
Kedah	1. <i>Certain conditions originating in the perinatal period</i>	72	40.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	29.4
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	54	30.7	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	11.8
	3. <i>Pneumonia</i>	6	3.4	Lelah <i>Asthma</i>	1	5.9
	Keseluruhan sebab <i>All causes</i>	176		Keseluruhan sebab <i>All causes</i>	17	
Kelantan	1. <i>Certain conditions originating in the perinatal period</i>	105	41.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	10.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	77	30.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	10.0
	3. <i>Pneumonia</i>	13	5.1	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	1	10.0
	Keseluruhan sebab <i>All causes</i>	254		Keseluruhan sebab <i>All causes</i>	10	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Melaka	1. <i>Certain conditions originating in the perinatal period</i>	38	50.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	58.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	21	27.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	8.3
	3. <i>Meningitis</i>	1	1.3	-		
	Keseluruhan sebab <i>All causes</i>	76		Keseluruhan sebab <i>All causes</i>	12	
Negeri Sembilan	1. <i>Certain conditions originating in the perinatal period</i>	36	39.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	57.1
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	32	34.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	14.3
	3. <i>Influenza</i>	1	1.1	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	1	14.3
	Keseluruhan sebab <i>All causes</i>	92		Keseluruhan sebab <i>All causes</i>	7	
Pahang	1. <i>Certain conditions originating in the perinatal period</i>	65	42.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	70.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	36	23.4	-		
	3. <i>Pneumonia</i>	4	2.6	-		
	Keseluruhan sebab <i>All causes</i>	154		Keseluruhan sebab <i>All causes</i>	10	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
Perak	1. <i>Certain conditions originating in the perinatal period</i>	86	41.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	55.6
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	56	27.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	11.1
	3. <i>Meningitis</i>	5	2.4	-		
	Keseluruhan sebab <i>All causes</i>	207		Keseluruhan sebab <i>All causes</i>	9	
Perlis	1. <i>Certain conditions originating in the perinatal period</i>	13	43.3	Demam <i>Fever</i>	1	20.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	12	40.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	20.0
	3. <i>Pneumonia</i>	1	3.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	20.0
	Keseluruhan sebab <i>All causes</i>	30		Keseluruhan sebab <i>All causes</i>	5	
Pulau Pinang	1. <i>Certain conditions originating in the perinatal period</i>	40	40.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	66.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	35	35.4	-		
	3. <i>Pneumonia</i>	7	7.1	-		
	Keseluruhan sebab <i>All causes</i>	99		Keseluruhan sebab <i>All causes</i>	3	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Sabah	1. <i>Certain conditions originating in the perinatal period</i>	114	40.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>		1	0.9
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	65	23.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>		1	0.9
	3. <i>Pneumonia</i>	12	4.3	-			
	Keseluruhan sebab <i>All causes</i>	280		Keseluruhan sebab <i>All causes</i>		112	
Sarawak	1. <i>Certain conditions originating in the perinatal period</i>	83	52.2	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>		4	16.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	53	33.3	-			
	3. <i>Anaemias</i>	1	0.6	-			
	Keseluruhan sebab <i>All causes</i>	159		Keseluruhan sebab <i>All causes</i>		24	
Selangor	1. <i>Certain conditions originating in the perinatal period</i>	180	38.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>		11	42.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	128	27.3	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>		3	11.5
	3. <i>Pneumonia</i>	5	1.1	<i>Meningitis</i>		1	3.8
	Keseluruhan sebab <i>All causes</i>	469		Keseluruhan sebab <i>All causes</i>		26	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Terengganu	1. <i>Certain conditions originating in the perinatal period</i>	80	49.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>		2	50.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	59	36.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>		1	25.0
	3. <i>Meningitis</i>	3	1.8	-			
	Keseluruhan sebab <i>All causes</i>	163		Keseluruhan sebab <i>All causes</i>		4	
W.P. Kuala Lumpur	1. <i>Certain conditions originating in the perinatal period</i>	45	38.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>		4	80.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	36	30.8	-			
	3. <i>Pneumonia</i>	2	1.7	-			
	Keseluruhan sebab <i>All causes</i>	117		Keseluruhan sebab <i>All causes</i>		5	
W.P. Labuan	1. <i>Certain conditions originating in the perinatal period</i>	8	61.5	-			
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	23.1	-			
	3. -			-			
	Keseluruhan sebab <i>All causes</i>	13		Keseluruhan sebab <i>All causes</i>		-	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Putrajaya	1. Certain conditions originating in the perinatal period	7	46.7	-			
	2. Congenital malformations, deformations and chromosomal abnormalities	1	6.7	-			
	3. Ischaemic heart diseases	1	6.7	-			
	Keseluruhan sebab <i>All causes</i>	15		Keseluruhan sebab <i>All causes</i>		-	

KEMATIAN KANAK-KANAK 1-4 TAHUN

TODDLER DEATHS 1-4 YEARS



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Jadual 6.1: Kematian kanak-kanak 1-4 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 6.1: Toddler deaths 1-4 years (number and rate) by state and sex, Malaysia, 2022

	Kematian kanak-kanak <i>Toddler deaths</i>			Kadar mortaliti kanak-kanak <i>Toddler mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	784	426	358	0.4	0.4	0.4
Johor	86	50	36	0.4	0.4	0.3
Kedah	51	31	20	0.4	0.4	0.3
Kelantan	55	29	26	0.4	0.4	0.4
Melaka	27	11	16	0.4	0.3	0.5
Negeri Sembilan	28	15	13	0.4	0.5	0.4
Pahang	63	37	26	0.6	0.7	0.5
Perak	49	32	17	0.4	0.5	0.3
Perlis	9	4	5	0.6	0.5	0.7
Pulau Pinang	23	12	11	0.3	0.2	0.3
Sabah	130	62	68	0.6	0.5	0.6
Sarawak	61	36	25	0.5	0.6	0.4
Selangor	116	63	53	0.3	0.3	0.3
Terengganu	50	26	24	0.6	0.6	0.5
W.P. Kuala Lumpur	31	15	16	0.3	0.3	0.3
W.P. Labuan	3	2	1	0.4	0.5	0.3
W.P. Putrajaya	2	1	1	0.2	0.2	0.2

Kadar adalah bagi setiap 1,000 penduduk berumur 1-4 tahun

The rates are per 1,000 population of aged 1-4 years

Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Congenital malformations, deformations and chromosomal abnormalities	71	11.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	21	14.0
2. Pneumonia	51	8.0	Barah sel darah putih Leukaemia	5	3.3
3. Leukaemia	34	5.4	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	4	2.7
4. Transport accidents	30	4.7	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	3	2.0
5. COVID-19 infection (due to)	16	2.5	Radang paru-paru Pneumonia	2	1.3
6. Accidental drowning and submersion	13	2.1	Anemia Anaemias	1	0.7
7. Malignant neoplasm of meninges, brain and other parts of central nervous system	11	1.7	Barah hati Liver cancer	1	0.7
8. Diseases of the liver	11	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	0.7
9. Cerebrovascular diseases	7	1.1	Cirit birit Dysentery/Diarrhea	1	0.7
10. Anaemias	5	0.8	Demam Fever	1	0.7
Keseluruhan sebab All causes		634	Keseluruhan sebab All causes		150

Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Congenital malformations, deformations and chromosomal abnormalities	28	8.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	9	11.0
2. Transport accidents	22	6.4	Barah sel darah putih Leukaemia	4	4.9
3. Leukaemia	20	5.8	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	3	3.7
4. Pneumonia	20	5.8	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	2	2.4
5. Accidental drowning and submersion	10	2.9	Barah hati Liver cancer	1	1.2
6. COVID-19 infection (due to)	8	2.3	Mati lemas Drowning	1	1.2
7. Malignant neoplasm of meninges, brain and other parts of central nervous system	5	1.5	Radang paru-paru Pneumonia	1	1.2
8. Cerebrovascular diseases	5	1.5	Tibi/ Batuk kering Tuberculosis	1	1.2
9. Diseases of the liver	5	1.5	-	-	-
10. Malignant neoplasm of liver and intrahepatic bile ducts	3	0.9	-	-	-
Keseluruhan sebab All causes		344	Keseluruhan sebab All causes		82

Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Congenital malformations, deformations and chromosomal abnormalities	43	14.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	12	17.6
2. Pneumonia	31	10.7	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	2	2.9
3. Leukaemia	14	4.8	Anemia Anaemias	1	1.5
4. Transport accidents	8	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	1.5
5. COVID-19 infection (due to)	8	2.8	Barah sel darah putih Leukaemia	1	1.5
6. Malignant neoplasm of meninges, brain and other parts of central nervous system	6	2.1	Cirit birit Dysentery/Diarrhea	1	1.5
7. Diseases of the liver	6	2.1	Demam Fever	1	1.5
8. Anaemias	4	1.4	Penyakit hati Liver diseases	1	1.5
9. Influenza	3	1.0	Penyakit serebrovaskular Cerebrovascular diseases	1	1.5
10. Glomerular and renal tubulo-interstitial diseases	3	1.0	Radang paru-paru Pneumonia	1	1.5
Keseluruhan sebab All causes	290		Keseluruhan sebab All causes	68	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. <i>Pneumonia</i>	6	8.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	13.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	8.5	Barah sel darah putih <i>Leukaemia</i>	1	6.7
	3. <i>Leukaemia</i>	3	4.2	Cirit birit <i>Dysentery/Diarrhea</i>	1	6.7
	Keseluruhan sebab <i>All causes</i>	71		Keseluruhan sebab <i>All causes</i>	15	
Kedah	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	11.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	37.5
	2. <i>Leukaemia</i>	3	7.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	12.5
	3. <i>Pneumonia</i>	3	7.0	Radang paru-paru <i>Pneumonia</i>	1	12.5
	Keseluruhan sebab <i>All causes</i>	43		Keseluruhan sebab <i>All causes</i>	8	
Kelantan	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	14.3	Barah hati <i>Liver cancer</i>	1	16.7
	2. <i>Pneumonia</i>	3	6.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	16.7
	3. <i>Leukaemia</i>	2	4.1	-		
	Keseluruhan sebab <i>All causes</i>	49		Keseluruhan sebab <i>All causes</i>	6	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Melaka	1. Malignant neoplasm of meninges, brain and other parts of central nervous system	2	9.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	40.0
	2. Pneumonia	2	9.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	20.0
	3. Congenital malformations, deformations and chromosomal abnormalities	2	9.1	-		
	Keseluruhan sebab <i>All causes</i>	22		Keseluruhan sebab <i>All causes</i>	5	
Negeri Sembilan	1. Pneumonia	3	14.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	42.9
	2. Leukaemia	2	9.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	14.3
	3. Diseases of the liver	2	9.5	-		
	Keseluruhan sebab <i>All causes</i>	21		Keseluruhan sebab <i>All causes</i>	7	
Pahang	1. Leukaemia	6	12.0	Barah sel darah putih <i>Leukaemia</i>	2	15.4
	2. Congenital malformations, deformations and chromosomal abnormalities	5	10.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	15.4
	3. Pneumonia	3	6.0	Anemia <i>Anaemias</i>	1	7.7
	Keseluruhan sebab <i>All causes</i>	50		Keseluruhan sebab <i>All causes</i>	13	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Perak	1. Congenital malformations, deformations and chromosomal abnormalities	6	13.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	25.0
	2. Leukaemia	4	8.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	25.0
	3. Pneumonia	2	4.4	-		
	Keseluruhan sebab <i>All causes</i>	45		Keseluruhan sebab <i>All causes</i>	4	
Perlis	1. Congenital malformations, deformations and chromosomal abnormalities	2	28.6	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	50.0
	2. Transport accidents	1	14.3	-		
	3. -			-		
	Keseluruhan sebab <i>All causes</i>	7		Keseluruhan sebab <i>All causes</i>	2	
Pulau Pinang	1. Congenital malformations, deformations and chromosomal abnormalities	5	23.8	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	50.0
	2. Leukaemia	2	9.5	Barah sel darah putih <i>Leukaemia</i>	1	50.0
	3. Cerebrovascular diseases	1	4.8	-		
	Keseluruhan sebab <i>All causes</i>	21		Keseluruhan sebab <i>All causes</i>	2	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sabah	1. <i>Pneumonia</i>	12	13.5	Barah sel darah putih <i>Leukaemia</i>	1	2.4
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	7.9	Demam <i>Fever</i>	1	2.4
	3. <i>COVID-19 infection (due to)</i>	5	5.6	-		
	Keseluruhan sebab <i>All causes</i>	89		Keseluruhan sebab <i>All causes</i>	41	
Sarawak	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	19.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	5.0
	2. <i>Pneumonia</i>	3	7.3	-		
	3. <i>Transport accidents</i>	2	4.9	-		
	Keseluruhan sebab <i>All causes</i>	41		Keseluruhan sebab <i>All causes</i>	20	
Selangor	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	13	13.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	35.3
	2. <i>Pneumonia</i>	10	10.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	5.9
	3. <i>Transport accidents</i>	7	7.1	Radang paru-paru <i>Pneumonia</i>	1	5.9
	Keseluruhan sebab <i>All causes</i>	99		Keseluruhan sebab <i>All causes</i>	17	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. Malignant neoplasm of meninges, brain and other parts of central nervous system	3	6.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	16.7
	2. Leukaemia	3	6.8	Tibi/ Batuk kering <i>Tuberculosis</i>	1	16.7
	3. Congenital malformations, deformations and chromosomal abnormalities	3	6.8	-		
	Keseluruhan sebab <i>All causes</i>	44		Keseluruhan sebab <i>All causes</i>	6	
W.P. Kuala Lumpur	1. Congenital malformations, deformations and chromosomal abnormalities	2	7.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	25.0
	2. Transport accidents	2	7.4	-		
	3. Leukaemia	1	3.7	-		
	Keseluruhan sebab <i>All causes</i>	27		Keseluruhan sebab <i>All causes</i>	4	
W.P. Labuan	1. -			-		
	2. -			-		
	3. -			-		
	Keseluruhan sebab <i>All causes</i>	3		Keseluruhan sebab <i>All causes</i>	-	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Putrajaya	1. -			-			
	2. -			-			
	3. -			-			
	Keseluruhan sebab <i>All causes</i>	2		Keseluruhan sebab <i>All causes</i>		-	

KEMATIAN KURANG DARIPADA 5 TAHUN *UNDER-5 DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 7.1: Kematian kurang daripada 5 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 7.1: Under-5 deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian kurang daripada 5 tahun <i>Under-5 deaths</i>			Kadar mortaliti kurang daripada 5 tahun <i>Under-5 mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	3,655	2,051	1,604	8.6	9.4	7.8
Johor	409	228	181	8.5	9.2	7.7
Kedah	244	129	115	7.9	8.2	7.7
Kelantan	319	187	132	9.4	10.7	8.1
Melaka	115	65	50	8.8	9.6	7.9
Negeri Sembilan	127	70	57	7.9	8.3	7.5
Pahang	227	126	101	9.6	10.3	8.9
Perak	265	155	110	9.0	10.2	7.7
Perlis	44	27	17	11.7	13.7	9.6
Pulau Pinang	125	72	53	7.0	7.9	6.1
Sabah	522	284	238	12.0	12.6	11.3
Sarawak	244	136	108	7.9	8.5	7.2
Selangor	611	346	265	7.3	8.0	6.6
Terengganu	217	125	92	8.6	9.6	7.5
W.P. Kuala Lumpur	153	86	67	7.7	8.4	7.0
W.P. Labuan	16	8	8	11.6	11.4	11.9
W.P. Putrajaya	17	7	10	9.2	7.3	11.3

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	1,110	34.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	77	19.0
2. Congenital malformations, deformations and chromosomal abnormalities	822	25.3	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	15	3.7
3. Pneumonia	118	3.6	Radang paru-paru Pneumonia	6	1.5
4. Transport accidents	42	1.3	Barah sel darah putih Leukaemia	5	1.2
5. COVID-19 infection (due to)	42	1.3	Sesak nafas [bagi kematian bayi berumur 28-364 hari] Difficulty in breathing [Infant death for aged 28-364 days]	5	1.2
6. Leukaemia	40	1.2	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	4	1.0
7. Diseases of the liver	25	0.8	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	3	0.7
8. Meningitis	22	0.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	2	0.5
9. Cerebrovascular diseases	17	0.5	Demam Fever	2	0.5
10. Malignant neoplasm of meninges, brain and other parts of central nervous system	14	0.4	Anemia Anaemias	1	0.2
Keseluruhan sebab All causes	3,249		Keseluruhan sebab All causes	406	

Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	668	36.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	36	17.1
2. Congenital malformations, deformations and chromosomal abnormalities	411	22.3	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	8	3.8
3. Pneumonia	62	3.4	Barah sel darah putih Leukaemia	4	1.9
4. Transport accidents	27	1.5	Radang paru-paru Pneumonia	4	1.9
5. Leukaemia	22	1.2	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	3	1.4
6. COVID-19 infection (due to)	20	1.1	Sesak nafas [bagi kematian bayi berumur 28-364 hari] Difficulty in breathing [Infant death for aged 28-364 days]	3	1.4
7. Diseases of the liver	16	0.9	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	2	1.0
8. Meningitis	11	0.6	Barah hati Liver cancer	1	0.5
9. Chronic lower respiratory diseases	11	0.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	0.5
10. Accidental drowning and submersion	11	0.6	Mati lemas Drowning	1	0.5
Keseluruhan sebab All causes	1,841		Keseluruhan sebab All causes	210	

Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	442	31.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	41	20.9
2. Congenital malformations, deformations and chromosomal abnormalities	411	29.2	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	7	3.6
3. Pneumonia	56	4.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	1.0
4. COVID-19 infection (due to)	22	1.6	Demam <i>Fever</i>	2	1.0
5. Leukaemia	18	1.3	Radang paru-paru <i>Pneumonia</i>	2	1.0
6. Transport accidents	15	1.1	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	1.0
7. Meningitis	11	0.8	Anemia <i>Anaemias</i>	1	0.5
8. Cerebrovascular diseases	9	0.6	Lelah <i>Asthma</i>	1	0.5
9. Diseases of the liver	9	0.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.5
10. Malignant neoplasm of meninges, brain and other parts of central nervous system	8	0.6	Barah sel darah putih <i>Leukaemia</i>	1	0.5
Keseluruhan sebab All causes	1,408		Keseluruhan sebab All causes	196	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. <i>Certain conditions originating in the perinatal period</i>	138	36.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	9	33.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	89	23.3	Barah sel darah putih <i>Leukaemia</i>	1	3.7
	3. <i>Pneumonia</i>	17	4.5	Cirit birit <i>Dysentery/Diarrhea</i>	1	3.7
	Keseluruhan sebab <i>All causes</i>	382		Keseluruhan sebab <i>All causes</i>	27	
Kedah	1. <i>Certain conditions originating in the perinatal period</i>	72	32.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	32.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	59	26.9	Radang paru-paru <i>Pneumonia</i>	2	8.0
	3. <i>Pneumonia</i>	9	4.1	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	8.0
	Keseluruhan sebab <i>All causes</i>	219		Keseluruhan sebab <i>All causes</i>	25	
Kelantan	1. <i>Certain conditions originating in the perinatal period</i>	105	34.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	12.5
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	84	27.7	Barah hati <i>Liver cancer</i>	1	6.3
	3. <i>Pneumonia</i>	16	5.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	6.3
	Keseluruhan sebab <i>All causes</i>	303		Keseluruhan sebab <i>All causes</i>	16	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Melaka	1. <i>Certain conditions originating in the perinatal period</i>	38	38.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	47.1
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	23	23.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	11.8
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	2	2.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	5.9
	Keseluruhan sebab <i>All causes</i>	98		Keseluruhan sebab <i>All causes</i>	17	
Negeri Sembilan	1. <i>Certain conditions originating in the perinatal period</i>	36	31.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	50.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	32	28.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	7.1
	3. <i>Pneumonia</i>	4	3.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	7.1
	Keseluruhan sebab <i>All causes</i>	113		Keseluruhan sebab <i>All causes</i>	14	
Pahang	1. <i>Certain conditions originating in the perinatal period</i>	65	31.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	9	39.1
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	41	20.1	Barah sel darah putih <i>Leukaemia</i>	2	8.7
	3. <i>Pneumonia</i>	7	3.4	Anemia <i>Anaemias</i>	1	4.3
	Keseluruhan sebab <i>All causes</i>	204		Keseluruhan sebab <i>All causes</i>	23	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Perak	1. Certain conditions originating in the perinatal period	86	34.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	46.2
	2. Congenital malformations, deformations and chromosomal abnormalities	62	24.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	7.7
	3. Meningitis	5	2.0	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	7.7
	Keseluruhan sebab <i>All causes</i>	252		Keseluruhan sebab <i>All causes</i>	13	
Perlis	1. Congenital malformations, deformations and chromosomal abnormalities	14	37.8	Demam <i>Fever</i>	1	14.3
	2. Certain conditions originating in the perinatal period	13	35.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	14.3
	3. Pneumonia	1	2.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	14.3
	Keseluruhan sebab <i>All causes</i>	37		Keseluruhan sebab <i>All causes</i>	7	
Pulau Pinang	1. Certain conditions originating in the perinatal period	40	33.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	40.0
	2. Congenital malformations, deformations and chromosomal abnormalities	40	33.3	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	20.0
	3. Pneumonia	8	6.7	Barah sel darah putih <i>Leukaemia</i>	1	20.0
	Keseluruhan sebab <i>All causes</i>	120		Keseluruhan sebab <i>All causes</i>	5	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sabah	1. <i>Certain conditions originating in the perinatal period</i>	114	30.9	Barah sel darah putih <i>Leukaemia</i>	1	0.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	72	19.5	Demam <i>Fever</i>	1	0.7
	3. <i>Pneumonia</i>	24	6.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	0.7
	Keseluruhan sebab <i>All causes</i>	369		Keseluruhan sebab <i>All causes</i>	153	
Sarawak	1. <i>Certain conditions originating in the perinatal period</i>	83	41.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	4	9.1
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	61	30.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	2.3
	3. <i>Pneumonia</i>	4	2.0	-		
	Keseluruhan sebab <i>All causes</i>	200		Keseluruhan sebab <i>All causes</i>	44	
Selangor	1. <i>Certain conditions originating in the perinatal period</i>	180	31.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	17	39.5
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	141	24.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	3	7.0
	3. <i>Pneumonia</i>	15	2.6	Radang paru-paru <i>Pneumonia</i>	2	4.7
	Keseluruhan sebab <i>All causes</i>	568		Keseluruhan sebab <i>All causes</i>	43	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. <i>Certain conditions originating in the perinatal period</i>	80	38.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	2	20.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	62	30.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	20.0
	3. <i>COVID-19 infection (due to)</i>	5	2.4	Tibi/ Batuk kering <i>Tuberculosis</i>	1	10.0
	Keseluruhan sebab <i>All causes</i>	207		Keseluruhan sebab <i>All causes</i>	10	
W.P. Kuala Lumpur	1. <i>Certain conditions originating in the perinatal period</i>	45	31.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	44.4
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	38	26.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	11.1
	3. <i>Pneumonia</i>	3	2.1	-		
	Keseluruhan sebab <i>All causes</i>	144		Keseluruhan sebab <i>All causes</i>	9	
W.P. Labuan	1. <i>Certain conditions originating in the perinatal period</i>	8	50.0	-		
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	18.8	-		
	3. -			-		
	Keseluruhan sebab <i>All causes</i>	16		Keseluruhan sebab <i>All causes</i>	-	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
W.P. Putrajaya	1. Certain conditions originating in the perinatal period	7	41.2	-			
	2. Ischaemic heart diseases	1	5.9	-			
	3. Congenital malformations, deformations and chromosomal abnormalities	1	5.9	-			
	Keseluruhan sebab All causes	17		Keseluruhan sebab All causes		-	

KEMATIAN PENDUDUK BERUMUR 0-14 TAHUN

*DEATHS OF
POPULATION
AGED 0-14 YEARS*



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Jadual 8.1: Kematian penduduk berumur 0-14 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 8.1: Deaths of population aged 0-14 years (number and rate) by state and sex, Malaysia, 2022

	Kematian penduduk berumur 0-14 tahun <i>Deaths of population aged 0-14 years</i>			Kadar mortaliti penduduk berumur 0-14 tahun <i>Mortality rate of population aged 0-14 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	4,754	2,678	2,076	0.6	0.7	0.6
Johor	538	303	235	0.6	0.6	0.5
Kedah	337	177	160	0.6	0.6	0.6
Kelantan	424	253	171	0.8	0.9	0.7
Melaka	148	79	69	0.6	0.6	0.6
Negeri Sembilan	161	90	71	0.5	0.6	0.5
Pahang	307	180	127	0.7	0.9	0.6
Perak	356	207	149	0.6	0.7	0.5
Perlis	52	33	19	0.9	1.1	0.7
Pulau Pinang	166	92	74	0.5	0.5	0.5
Sabah	643	351	292	0.8	0.8	0.7
Sarawak	332	188	144	0.6	0.7	0.6
Selangor	764	437	327	0.5	0.6	0.4
Terengganu	287	159	128	0.9	0.9	0.8
W.P. Kuala Lumpur	195	110	85	0.5	0.6	0.5
W.P. Labuan	23	11	12	0.9	0.8	1.0
W.P. Putrajaya	21	8	13	0.5	0.4	0.6

Kadar adalah bagi setiap 1,000 penduduk berumur 0-14 tahun

The rates are per 1,000 population of aged 0-14 years

Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Pneumonia	166	4.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	89	15.1
2. Transport accidents	160	3.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	15	2.5
3. Leukaemia	86	2.1	Radang paru-paru <i>Pneumonia</i>	13	2.2
4. COVID-19 infection (due to)	71	1.7	Lelah <i>Asthma</i>	11	1.9
5. Cerebrovascular diseases	40	1.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	10	1.7
6. Malignant neoplasm of meninges, brain and other parts of central nervous system	33	0.8	Barah sel darah putih <i>Leukaemia</i>	10	1.7
7. Diseases of the liver	30	0.7	Demam <i>Fever</i>	7	1.2
8. Accidental drowning and submersion	26	0.6	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	7	1.2
9. Meningitis	25	0.6	Mati lemas <i>Drowning</i>	7	1.2
10. Chronic lower respiratory diseases	24	0.6	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	5	0.8
Keseluruhan sebab All causes	4,164		Keseluruhan sebab All causes	590	

Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Transport accidents	109	4.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	42	13.2
2. Pneumonia	84	3.6	Lelah <i>Asthma</i>	8	2.5
3. Leukaemia	47	2.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	2.5
4. COVID-19 infection (due to)	36	1.5	Radang paru-paru <i>Pneumonia</i>	8	2.5
5. Diseases of the liver	21	0.9	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	6	1.9
6. Cerebrovascular diseases	20	0.8	Barah sel darah putih <i>Leukaemia</i>	6	1.9
7. Accidental drowning and submersion	20	0.8	Demam <i>Fever</i>	5	1.6
8. Malignant neoplasm of meninges, brain and other parts of central nervous system	15	0.6	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	5	1.6
9. Chronic lower respiratory diseases	15	0.6	Mati lemas <i>Drowning</i>	5	1.6
10. Meningitis	13	0.6	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	3	0.9
Keseluruhan sebab All causes	2,359		Keseluruhan sebab All causes	319	

Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Pneumonia	82	4.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir Congenital malformations, deformations and chromosomal abnormalities	47	17.3
2. Transport accidents	51	2.8	Keadaan tertentu berpunca dalam tempoh perinatal Certain conditions originating in the perinatal period	7	2.6
3. Leukaemia	39	2.2	Radang paru-paru Pneumonia	5	1.8
4. COVID-19 infection (due to)	35	1.9	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	4	1.5
5. Cerebrovascular diseases	20	1.1	Barah sel darah putih Leukaemia	4	1.5
6. Malignant neoplasm of meninges, brain and other parts of central nervous system	18	1.0	Meningitis	4	1.5
7. Meningitis	12	0.7	Anemia Anaemias	3	1.1
8. Anaemias	10	0.6	Lelah Asthma	3	1.1
9. Chronic lower respiratory diseases	9	0.5	Demam Fever	2	0.7
10. Diseases of the liver	9	0.5	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	2	0.7
Keseluruhan sebab All causes	1,805		Keseluruhan sebab All causes	271	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. <i>Transport accidents</i>	24	4.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	12	24.5
	2. <i>Pneumonia</i>	20	4.1	Lelah <i>Asthma</i>	3	6.1
	3. <i>Leukaemia</i>	9	1.8	Penyakit hati <i>Liver diseases</i>	2	4.1
	Keseluruhan sebab <i>All causes</i>	489		Keseluruhan sebab <i>All causes</i>	49	
Kedah	1. <i>Transport accidents</i>	21	7.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	10	25.6
	2. <i>Pneumonia</i>	15	5.0	Lelah <i>Asthma</i>	2	5.1
	3. <i>COVID-19 infection (due to)</i>	12	4.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	5.1
	Keseluruhan sebab <i>All causes</i>	298		Keseluruhan sebab <i>All causes</i>	39	
Kelantan	1. <i>Pneumonia</i>	24	6.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	13.8
	2. <i>Transport accidents</i>	17	4.3	Radang paru-paru <i>Pneumonia</i>	3	10.3
	3. <i>Leukaemia</i>	6	1.5	Lelah <i>Asthma</i>	1	3.4
	Keseluruhan sebab <i>All causes</i>	395		Keseluruhan sebab <i>All causes</i>	29	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Melaka	1. Transport accidents	7	5.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	38.1
	2. Cerebrovascular diseases	4	3.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	9.5
	3. COVID-19 infection (due to)	3	2.4	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	4.8
	Keseluruhan sebab <i>All causes</i>	127		Keseluruhan sebab <i>All causes</i>	21	
Negeri Sembilan	1. Leukaemia	5	3.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	40.0
	2. Pneumonia	4	2.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	5.0
	3. Transport accidents	4	2.8	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	5.0
	Keseluruhan sebab <i>All causes</i>	141		Keseluruhan sebab <i>All causes</i>	20	
Pahang	1. Pneumonia	16	5.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	9	26.5
	2. Transport accidents	11	4.0	Barah sel darah putih <i>Leukaemia</i>	2	5.9
	3. Leukaemia	9	3.3	Mati lemas <i>Drowning</i>	2	5.9
	Keseluruhan sebab <i>All causes</i>	273		Keseluruhan sebab <i>All causes</i>	34	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Perak	1. <i>Transport accidents</i>	12	3.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	28.0
	2. <i>Leukaemia</i>	9	2.7	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	3	12.0
	3. <i>Pneumonia</i>	9	2.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	4.0
	Keseluruhan sebab <i>All causes</i>	331		Keseluruhan sebab <i>All causes</i>	25	
Perlis	1. <i>Transport accidents</i>	3	7.0	Demam <i>Fever</i>	1	11.1
	2. <i>Pneumonia</i>	2	4.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	11.1
	3. <i>Non-Hodgkins lymphoma</i>	1	2.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	11.1
	Keseluruhan sebab <i>All causes</i>	43		Keseluruhan sebab <i>All causes</i>	9	
Pulau Pinang	1. <i>Pneumonia</i>	8	5.2	Barah sel darah putih <i>Leukaemia</i>	3	23.1
	2. <i>Transport accidents</i>	7	4.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	23.1
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	2	1.3	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	7.7
	Keseluruhan sebab <i>All causes</i>	153		Keseluruhan sebab <i>All causes</i>	13	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Sabah	1. <i>Pneumonia</i>	30	6.4	Demam <i>Fever</i>	4	2.3
	2. <i>COVID-19 infection (due to)</i>	16	3.4	Anemia <i>Anaemias</i>	2	1.1
	3. <i>Leukaemia</i>	11	2.3	Lelah <i>Asthma</i>	2	1.1
	Keseluruhan sebab <i>All causes</i>	469		Keseluruhan sebab <i>All causes</i>	174	
Sarawak	1. <i>Transport accidents</i>	8	3.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	4	5.6
	2. <i>Pneumonia</i>	4	1.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	1.4
	3. <i>Exposure to smoke, fire and flame</i>	4	1.5	-		
	Keseluruhan sebab <i>All causes</i>	260		Keseluruhan sebab <i>All causes</i>	72	
Selangor	1. <i>Transport accidents</i>	24	3.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	18	28.6
	2. <i>Pneumonia</i>	22	3.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	4.8
	3. <i>Leukaemia</i>	13	1.9	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	3	4.8
	Keseluruhan sebab <i>All causes</i>	701		Keseluruhan sebab <i>All causes</i>	63	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. <i>Transport accidents</i>	11	4.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	13.0
	2. <i>Leukaemia</i>	8	3.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	2	8.7
	3. <i>Accidental drowning and submersion</i>	5	1.9	Mati lemas <i>Drowning</i>	2	8.7
	Keseluruhan sebab <i>All causes</i>	264		Keseluruhan sebab <i>All causes</i>	23	
W.P. Kuala Lumpur	1. <i>Pneumonia</i>	5	2.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	23.5
	2. <i>Leukaemia</i>	3	1.7	Lelah <i>Asthma</i>	1	5.9
	3. <i>Transport accidents</i>	3	1.7	Barah sel darah putih <i>Leukaemia</i>	1	5.9
	Keseluruhan sebab <i>All causes</i>	178		Keseluruhan sebab <i>All causes</i>	17	
W.P. Labuan	1. <i>Pneumonia</i>	2	9.5	Mati lemas <i>Drowning</i>	1	50.0
	2. <i>Acute rheumatic fever and chronic rheumatic heart diseases</i>	1	4.8	-		
	3. <i>Diseases of the liver</i>	1	4.8	-		
	Keseluruhan sebab <i>All causes</i>	21		Keseluruhan sebab <i>All causes</i>	2	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
W.P. Putrajaya	1. Leukaemia	1	4.8	-			
	2. Ischaemic heart diseases	1	4.8	-			
	3. -			-			
	Keseluruhan sebab <i>All causes</i>	21		Keseluruhan sebab <i>All causes</i>		-	

KEMATIAN PENDUDUK BERUMUR 15-40 TAHUN

*DEATHS OF
POPULATION
AGED 15-40 YEARS*



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Jadual 9.1: Kematian penduduk berumur 15-40 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 9.1: Deaths of population aged 15-40 years (number and rate) by state and sex, Malaysia, 2022

	Kematian penduduk berumur 15-40 tahun <i>Deaths of population aged 15-40 years</i>			Kadar mortaliti penduduk berumur 15-40 tahun <i>Mortality rate of population aged 15-40 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	14,830	10,399	4,431	1.0	1.3	0.6
Johor	1,764	1,235	529	1.0	1.2	0.7
Kedah	1,341	954	387	1.4	1.9	0.9
Kelantan	1,020	682	338	1.3	1.7	0.9
Melaka	438	321	117	0.9	1.3	0.6
Negeri Sembilan	618	444	174	1.2	1.6	0.7
Pahang	892	612	280	1.3	1.6	0.9
Perak	1,270	914	356	1.2	1.6	0.7
Perlis	196	132	64	1.4	1.9	1.0
Pulau Pinang	694	504	190	0.9	1.3	0.5
Sabah	1,383	915	468	0.8	1.0	0.6
Sarawak	1,349	963	386	1.2	1.7	0.7
Selangor	2,460	1,764	696	0.8	1.0	0.5
Terengganu	734	489	245	1.4	1.8	1.0
W.P. Kuala Lumpur	606	433	173	0.7	0.9	0.4
W.P. Labuan	34	18	16	0.8	0.8	0.7
W.P. Putrajaya	31	19	12	0.6	0.8	0.5

Kadar adalah bagi setiap 1,000 penduduk berumur 15-40 tahun

The rates are per 1,000 population of aged 15-40 years

Jadual 9.2: Sepuluh sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 9.2: Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Transport accidents	2,353	19.2	Kencing manis Diabetes mellitus	95	3.7
2. Ischaemic heart diseases	1,022	8.3	Darah tinggi Hypertension	93	3.6
3. Pneumonia	843	6.9	Penyakit jantung iskemia Ischaemic heart diseases	73	2.8
4. Cerebrovascular diseases	466	3.8	Lelah Asthma	72	2.8
5. COVID-19 infection (due to)	276	2.3	Barah payudara Breast cancer	55	2.1
6. Malignant neoplasm of breast	166	1.4	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	51	2.0
7. Leukaemia	164	1.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	50	1.9
8. Respiratory tuberculosis	148	1.2	Penyakit serebrovaskular Cerebrovascular diseases	47	1.8
9. Diseases of the liver	130	1.1	Radang paru-paru Pneumonia	37	1.4
10. Hypertensive diseases	117	1.0	Tibi/ Batuk kering Tuberculosis	27	1.0
Keseluruhan sebab All causes		12,243	Keseluruhan sebab All causes		2,587

Jadual 9.2: Sepuluh sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan mengikut jantina, Malaysia, 2022 (samb.))

Table 9.2: Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Lelaki/ Male	1. Transport accidents	2,077	23.9	Darah tinggi Hypertension	69	4.1			
	2. Ischaemic heart diseases	861	9.9	Kencing manis Diabetes mellitus	57	3.4			
	3. Pneumonia	551	6.3	Penyakit jantung iskemia Ischaemic heart diseases	53	3.1			
	4. Cerebrovascular diseases	308	3.5	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water	44	2.6			
	5. COVID-19 infection (due to)	177	2.0	Lelah Asthma	43	2.5			
	6. Diseases of the liver	102	1.2	Penyakit serebrovaskular Cerebrovascular diseases	38	2.2			
	7. Respiratory tuberculosis	99	1.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	27	1.6			
	8. Leukaemia	93	1.1	Radang paru-paru Pneumonia	26	1.5			
	9. Hypertensive diseases	88	1.0	Tibi/ Batuk kering Tuberculosis	20	1.2			
	10. Human immunodeficiency virus (HIV) disease	84	1.0	Penyakit hati Liver disease	14	0.8			
Keseluruhan sebab All causes			8,704	Keseluruhan sebab All causes			1,695		
Perempuan/ Female	1. Pneumonia	292	8.3	Barah payudara Breast cancer	55	6.2			
	2. Transport accidents	276	7.8	Kencing manis Diabetes mellitus	38	4.3			
	3. Malignant neoplasm of breast	165	4.7	Lelah Asthma	29	3.3			
	4. Ischaemic heart diseases	161	4.5	Darah tinggi Hypertension	24	2.7			
	5. Cerebrovascular diseases	158	4.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	23	2.6			
	6. COVID-19 infection (due to)	99	2.8	Penyakit jantung iskemia Ischaemic heart diseases	20	2.2			
	7. Leukaemia	71	2.0	Barah rahim Uterus cancer	14	1.6			
	8. Respiratory tuberculosis	49	1.4	Barah pangkal rahim Cervix cancer	11	1.2			
	9. Malignant neoplasm of ovary	44	1.2	Radang paru-paru Pneumonia	11	1.2			
	10. Malignant neoplasm of colon, rectum and anus	42	1.2	Barah trakea,bronkus dan paru-paru Trachea, bronchus and lung cancer	10	1.1			
Keseluruhan sebab All causes			3,539	Keseluruhan sebab All causes			892		

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. <i>Transport accidents</i>	325	20.8	Kencing manis <i>Diabetes mellitus</i>	14	6.9
	2. <i>Ischaemic heart diseases</i>	132	8.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	6.4
	3. <i>Pneumonia</i>	110	7.1	Darah tinggi <i>Hypertension</i>	11	5.4
	Keseluruhan sebab <i>All causes</i>	1,560		Keseluruhan sebab <i>All causes</i>	204	
Kedah	1. <i>Transport accidents</i>	278	24.1	Lelah <i>Asthma</i>	13	6.9
	2. <i>Pneumonia</i>	123	10.7	Darah tinggi <i>Hypertension</i>	11	5.9
	3. <i>Ischaemic heart diseases</i>	90	7.8	Kencing manis <i>Diabetes mellitus</i>	10	5.3
	Keseluruhan sebab <i>All causes</i>	1,153		Keseluruhan sebab <i>All causes</i>	188	
Kelantan	1. <i>Transport accidents</i>	137	16.0	Lelah <i>Asthma</i>	8	4.9
	2. <i>Ischaemic heart diseases</i>	74	8.6	Kencing manis <i>Diabetes mellitus</i>	8	4.9
	3. <i>Pneumonia</i>	71	8.3	Barah payudara <i>Breast cancer</i>	5	3.1
	Keseluruhan sebab <i>All causes</i>	857		Keseluruhan sebab <i>All causes</i>	163	
Melaka	1. <i>Transport accidents</i>	69	19.2	Kencing manis <i>Diabetes mellitus</i>	12	15.2
	2. <i>Ischaemic heart diseases</i>	32	8.9	Darah tinggi <i>Hypertension</i>	8	10.1
	3. <i>Pneumonia</i>	24	6.7	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	4	5.1
	Keseluruhan sebab <i>All causes</i>	359		Keseluruhan sebab <i>All causes</i>	79	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 9.2: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Negeri Sembilan	1. <i>Transport accidents</i>	135	24.0	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	4	7.3
	2. <i>Ischaemic heart diseases</i>	51	9.1	Barah payudara <i>Breast cancer</i>	3	5.5
	3. <i>Pneumonia</i>	31	5.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	3.6
	Keseluruhan sebab <i>All causes</i>	563		Keseluruhan sebab <i>All causes</i>	55	
Pahang	1. <i>Transport accidents</i>	148	20.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	18	9.7
	2. <i>Pneumonia</i>	57	8.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	16	8.6
	3. <i>Ischaemic heart diseases</i>	45	6.4	Darah tinggi <i>Hypertension</i>	8	4.3
	Keseluruhan sebab <i>All causes</i>	707		Keseluruhan sebab <i>All causes</i>	185	
Perak	1. <i>Transport accidents</i>	224	20.0	Darah tinggi <i>Hypertension</i>	9	6.0
	2. <i>Ischaemic heart diseases</i>	106	9.5	Kencing manis <i>Diabetes mellitus</i>	9	6.0
	3. <i>Pneumonia</i>	83	7.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	7	4.7
	Keseluruhan sebab <i>All causes</i>	1,121		Keseluruhan sebab <i>All causes</i>	149	
Perlis	1. <i>Transport accidents</i>	37	23.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	30.6
	2. <i>Pneumonia</i>	16	10.0	Lelah <i>Asthma</i>	3	8.3
	3. <i>Ischaemic heart diseases</i>	14	8.8	Kencing manis <i>Diabetes mellitus</i>	2	5.6
	Keseluruhan sebab <i>All causes</i>	160		Keseluruhan sebab <i>All causes</i>	36	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pulau Pinang	1. <i>Transport accidents</i>	142	22.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	5	7.2
	2. <i>Ischaemic heart diseases</i>	55	8.8	Lelah <i>Asthma</i>	3	4.3
	3. <i>Pneumonia</i>	40	6.4	Barah bibir,dalam mulut dan tekak <i>Cancer of lip, oral cavity and pharynx</i>	3	4.3
	Keseluruhan sebab <i>All causes</i>	625		Keseluruhan sebab <i>All causes</i>	69	
Sabah	1. <i>Transport accidents</i>	120	12.9	Darah tinggi <i>Hypertension</i>	11	2.4
	2. <i>Pneumonia</i>	54	5.8	Barah payudara <i>Breast cancer</i>	6	1.3
	3. <i>Ischaemic heart diseases</i>	34	3.6	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	6	1.3
	Keseluruhan sebab <i>All causes</i>	932		Keseluruhan sebab <i>All causes</i>	451	
Sarawak	1. <i>Transport accidents</i>	91	11.2	Barah payudara <i>Breast cancer</i>	2	0.4
	2. <i>Ischaemic heart diseases</i>	51	6.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.2
	3. <i>Pneumonia</i>	42	5.2	Kencing manis <i>Diabetes mellitus</i>	1	0.2
	Keseluruhan sebab <i>All causes</i>	810		Keseluruhan sebab <i>All causes</i>	539	
Selangor	1. <i>Transport accidents</i>	438	20.3	Darah tinggi <i>Hypertension</i>	21	6.9
	2. <i>Ischaemic heart diseases</i>	218	10.1	Kencing manis <i>Diabetes mellitus</i>	14	4.6
	3. <i>Pneumonia</i>	119	5.5	Lelah <i>Asthma</i>	12	4.0
	Keseluruhan sebab <i>All causes</i>	2,157		Keseluruhan sebab <i>All causes</i>	303	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. <i>Transport accidents</i>	115	18.1	Lelah <i>Asthma</i>	7	7.1
	2. <i>Ischaemic heart diseases</i>	57	9.0	Darah tinggi <i>Hypertension</i>	6	6.1
	3. <i>Pneumonia</i>	50	7.9	Kencing manis <i>Diabetes mellitus</i>	6	6.1
	Keseluruhan sebab <i>All causes</i>	635		Keseluruhan sebab <i>All causes</i>	99	
W.P. Kuala Lumpur	1. <i>Transport accidents</i>	86	15.7	Kencing manis <i>Diabetes mellitus</i>	6	10.2
	2. <i>Ischaemic heart diseases</i>	55	10.1	Darah tinggi <i>Hypertension</i>	4	6.8
	3. <i>Cerebrovascular diseases</i>	29	5.3	Lelah <i>Asthma</i>	2	3.4
	Keseluruhan sebab <i>All causes</i>	547		Keseluruhan sebab <i>All causes</i>	59	
W.P. Labuan	1. <i>Transport accidents</i>	3	10.7	Tibi/ Batuk kering <i>Tuberculosis</i>	1	16.7
	2. <i>Hypertensive diseases</i>	2	7.1	-		
	3. <i>Ischaemic heart diseases</i>	2	7.1	-		
	Keseluruhan sebab <i>All causes</i>	28		Keseluruhan sebab <i>All causes</i>	6	
W.P. Putrajaya	1. <i>Ischaemic heart diseases</i>	6	20.7	-		
	2. <i>Transport accidents</i>	5	17.2	-		
	3. <i>Hypertensive diseases</i>	2	6.9	-		
	Keseluruhan sebab <i>All causes</i>	29		Keseluruhan sebab <i>All causes</i>	2	

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KEMATIAN PENDUDUK BERUMUR 41-59 TAHUN

DEATHS OF POPULATION AGED 41-59 YEARS



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Jadual 10.1: Kematian penduduk berumur 41-59 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 10.1: Deaths of population aged 41-59 years (number and rate) by state and sex, Malaysia, 2022

	Kematian penduduk berumur 41-59 tahun <i>Deaths of population aged 41-59 years</i>			Kadar mortaliti penduduk berumur 41-59 tahun <i>Mortality rate of population aged 41-59 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	41,640	27,243	14,397	6.1	7.8	4.4
Johor	5,195	3,359	1,836	6.0	7.4	4.5
Kedah	3,486	2,256	1,230	8.3	11.0	5.7
Kelantan	2,574	1,586	988	8.1	10.2	6.0
Melaka	1,230	788	442	6.1	7.7	4.4
Negeri Sembilan	1,719	1,171	548	7.2	9.7	4.6
Pahang	2,246	1,468	778	6.7	8.5	4.8
Perak	4,015	2,712	1,303	7.5	10.1	4.9
Perlis	419	267	152	6.8	9.1	4.6
Pulau Pinang	2,308	1,601	707	5.6	7.6	3.5
Sabah	4,072	2,523	1,549	7.2	8.6	5.7
Sarawak	3,305	2,176	1,129	6.0	7.7	4.1
Selangor	7,203	4,842	2,361	4.6	5.8	3.2
Terengganu	1,824	1,134	690	8.3	10.3	6.2
W.P. Kuala Lumpur	1,887	1,264	623	3.9	4.9	2.8
W.P. Labuan	93	57	36	5.2	6.1	4.1
W.P. Putrajaya	64	39	25	2.9	3.5	2.3

Kadar adalah bagi setiap 1,000 penduduk berumur 41-59 tahun

The rates are per 1,000 population of aged 41-59 years

Jadual 10.2: Sepuluh sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 10.2: Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	5,964	20.0	Darah tinggi Hypertension	1,063	9.0
2. Pneumonia	2,761	9.2	Kencing manis Diabetes mellitus	882	7.5
3. Cerebrovascular diseases	2,180	7.3	Penyakit serebrovaskular Cerebrovascular diseases	504	4.3
4. COVID-19 infection (due to)	910	3.0	Penyakit jantung iskemia Ischaemic heart diseases	470	4.0
5. Malignant neoplasm of breast	894	3.0	Barah payudara Breast cancer	266	2.3
6. Transport accidents	835	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	260	2.2
7. Malignant neoplasm of trachea, bronchus and lung	718	2.4	Lelah Asthma	246	2.1
8. Diseases of the liver	610	2.0	Barah hati Liver cancer	210	1.8
9. Hypertensive diseases	562	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	201	1.7
10. Malignant neoplasm of colon, rectum and anus	542	1.8	Tibi/ Batuk kering Tuberculosis	93	0.8
Keseluruhan sebab All causes			29,864	Keseluruhan sebab All causes	
				11,776	

Jadual 10.2: Sepuluh sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 10.2: Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	4,808	24.4	Darah tinggi Hypertension		664	8.9
	2. Pneumonia	1,791	9.1	Kencing manis Diabetes mellitus		548	7.3
	3. Cerebrovascular diseases	1,454	7.4	Penyakit jantung iskemia Ischaemic heart diseases		386	5.1
	4. Transport accidents	707	3.6	Penyakit serebrovaskular Cerebrovascular diseases		324	4.3
	5. COVID-19 infection (due to)	568	2.9	Lelah Asthma		165	2.2
	6. Diseases of the liver	505	2.6	Barah hati Liver cancer		157	2.1
	7. Malignant neoplasm of trachea, bronchus and lung	483	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		152	2.0
	8. Hypertensive diseases	381	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		127	1.7
	9. Malignant neoplasm of colon, rectum and anus	321	1.6	Tibi/ Batuk kering Tuberculosis		80	1.1
	10. Malignant neoplasm of liver and intrahepatic bile ducts	313	1.6	Penyakit hati Liver diseases		76	1.0
Keseluruhan sebab All causes		19,745		Keseluruhan sebab All causes		7,498	
Perempuan/ Female	1. Ischaemic heart diseases	1,156	11.4	Darah tinggi Hypertension		399	9.3
	2. Pneumonia	970	9.6	Kencing manis Diabetes mellitus		334	7.8
	3. Malignant neoplasm of breast	890	8.8	Barah payudara Breast cancer		265	6.2
	4. Cerebrovascular diseases	726	7.2	Penyakit serebrovaskular Cerebrovascular diseases		180	4.2
	5. COVID-19 infection (due to)	342	3.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		108	2.5
	6. Malignant neoplasm of trachea, bronchus and lung	235	2.3	Penyakit jantung iskemia Ischaemic heart diseases		84	2.0
	7. Malignant neoplasm of colon, rectum and anus	221	2.2	Lelah Asthma		81	1.9
	8. Diabetes mellitus	217	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		74	1.7
	9. Hypertensive diseases	181	1.8	Barah rahim Uterus cancer		62	1.4
	10. Malignant neoplasm of ovary	170	1.7	Barah ovari Ovary cancer		56	1.3
Keseluruhan sebab All causes		10,119		Keseluruhan sebab All causes		4,278	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. Ischaemic heart diseases	857	21.0	Darah tinggi <i>Hypertension</i>	166	14.9
	2. Pneumonia	380	9.3	Kencing manis <i>Diabetes mellitus</i>	83	7.5
	3. Cerebrovascular diseases	279	6.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	71	6.4
	Keseluruhan sebab <i>All causes</i>	4,081		Keseluruhan sebab <i>All causes</i>	1,114	
Kedah	1. Ischaemic heart diseases	516	19.7	Kencing manis <i>Diabetes mellitus</i>	109	12.6
	2. Pneumonia	380	14.5	Darah tinggi <i>Hypertension</i>	103	11.9
	3. Cerebrovascular diseases	235	9.0	Lelah <i>Asthma</i>	53	6.1
	Keseluruhan sebab <i>All causes</i>	2,620		Keseluruhan sebab <i>All causes</i>	866	
Kelantan	1. Ischaemic heart diseases	441	24.2	Kencing manis <i>Diabetes mellitus</i>	99	13.1
	2. Pneumonia	221	12.1	Darah tinggi <i>Hypertension</i>	81	10.7
	3. Cerebrovascular diseases	151	8.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	51	6.8
	Keseluruhan sebab <i>All causes</i>	1,819		Keseluruhan sebab <i>All causes</i>	755	
Melaka	1. Ischaemic heart diseases	212	25.6	Darah tinggi <i>Hypertension</i>	61	15.1
	2. Cerebrovascular diseases	59	7.1	Kencing manis <i>Diabetes mellitus</i>	42	10.4
	3. Pneumonia	42	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	24	6.0
	Keseluruhan sebab <i>All causes</i>	827		Keseluruhan sebab <i>All causes</i>	403	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Negeri Sembilan	1. Ischaemic heart diseases	313	22.4	Darah tinggi <i>Hypertension</i>	38	11.9
	2. Pneumonia	103	7.4	Kencing manis <i>Diabetes mellitus</i>	28	8.8
	3. Cerebrovascular diseases	88	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	5.9
	Keseluruhan sebab <i>All causes</i>	1,399		Keseluruhan sebab <i>All causes</i>	320	
Pahang	1. Ischaemic heart diseases	311	19.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	72	11.5
	2. Pneumonia	182	11.2	Kencing manis <i>Diabetes mellitus</i>	52	8.3
	3. Cerebrovascular diseases	121	7.5	Darah tinggi <i>Hypertension</i>	43	6.9
	Keseluruhan sebab <i>All causes</i>	1,622		Keseluruhan sebab <i>All causes</i>	624	
Perak	1. Ischaemic heart diseases	580	19.8	Kencing manis <i>Diabetes mellitus</i>	112	10.4
	2. Pneumonia	282	9.6	Darah tinggi <i>Hypertension</i>	100	9.2
	3. Cerebrovascular diseases	190	6.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	64	5.9
	Keseluruhan sebab <i>All causes</i>	2,933		Keseluruhan sebab <i>All causes</i>	1,082	
Perlis	1. Ischaemic heart diseases	72	22.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	24	23.1
	2. Pneumonia	35	11.1	Kencing manis <i>Diabetes mellitus</i>	14	13.5
	3. Cerebrovascular diseases	23	7.3	Darah tinggi <i>Hypertension</i>	9	8.7
	Keseluruhan sebab <i>All causes</i>	315		Keseluruhan sebab <i>All causes</i>	104	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pulau Pinang	1. <i>Ischaemic heart diseases</i>	431	24.1	Darah tinggi <i>Hypertension</i>	51	9.9
	2. <i>Pneumonia</i>	156	8.7	Kencing manis <i>Diabetes mellitus</i>	42	8.1
	3. <i>Cerebrovascular diseases</i>	94	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	35	6.8
	Keseluruhan sebab <i>All causes</i>	1,792		Keseluruhan sebab <i>All causes</i>	516	
Sabah	1. <i>Ischaemic heart diseases</i>	180	8.8	Darah tinggi <i>Hypertension</i>	59	2.9
	2. <i>Cerebrovascular diseases</i>	166	8.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	45	2.2
	3. <i>Pneumonia</i>	166	8.1	Kencing manis <i>Diabetes mellitus</i>	21	1.0
	Keseluruhan sebab <i>All causes</i>	2,047		Keseluruhan sebab <i>All causes</i>	2,025	
Sarawak	1. <i>Ischaemic heart diseases</i>	175	9.5	Darah tinggi <i>Hypertension</i>	4	0.3
	2. <i>Cerebrovascular diseases</i>	126	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	0.1
	3. <i>Pneumonia</i>	118	6.4	Barah hati <i>Liver cancer</i>	1	0.1
	Keseluruhan sebab <i>All causes</i>	1,844		Keseluruhan sebab <i>All causes</i>	1,461	
Selangor	1. <i>Ischaemic heart diseases</i>	1,226	22.3	Darah tinggi <i>Hypertension</i>	235	13.7
	2. <i>Pneumonia</i>	445	8.1	Kencing manis <i>Diabetes mellitus</i>	203	11.8
	3. <i>Cerebrovascular diseases</i>	390	7.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	100	5.8
	Keseluruhan sebab <i>All causes</i>	5,486		Keseluruhan sebab <i>All causes</i>	1,717	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. Ischaemic heart diseases	279	19.0	Darah tinggi <i>Hypertension</i>	57	16.2
	2. Pneumonia	164	11.1	Kencing manis <i>Diabetes mellitus</i>	40	11.4
	3. Cerebrovascular diseases	132	9.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	27	7.7
	Keseluruhan sebab <i>All causes</i>	1,472		Keseluruhan sebab <i>All causes</i>	352	
W.P. Kuala Lumpur	1. Ischaemic heart diseases	342	23.1	Darah tinggi <i>Hypertension</i>	50	12.3
	2. Cerebrovascular diseases	122	8.2	Kencing manis <i>Diabetes mellitus</i>	37	9.1
	3. Pneumonia	79	5.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	21	5.2
	Keseluruhan sebab <i>All causes</i>	1,480		Keseluruhan sebab <i>All causes</i>	407	
W.P. Labuan	1. Ischaemic heart diseases	16	24.6	Darah tinggi <i>Hypertension</i>	6	21.4
	2. Pneumonia	4	6.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	7.1
	3. Diseases of the liver	4	6.2	Penyakit hati <i>Liver disease</i>	1	3.6
	Keseluruhan sebab <i>All causes</i>	65		Keseluruhan sebab <i>All causes</i>	28	
W.P. Putrajaya	1. Ischaemic heart diseases	13	21.0	Lelah <i>Asthma</i>	1	50.0
	2. Pneumonia	4	6.5	Barah payudara <i>Breast cancer</i>	1	50.0
	3. Malignant neoplasm of colon, rectum and anus	3	4.8	-		
	Keseluruhan sebab <i>All causes</i>	62		Keseluruhan sebab <i>All causes</i>	2	

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KEMATIAN PENDUDUK BERUMUR 60 TAHUN DAN LEBIH

*DEATHS OF
POPULATION
AGED 60 YEARS AND
OVER*



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Jadual 11.1: Kematian penduduk berumur 60 tahun dan lebih (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 11.1: Deaths of population aged 60 years and over (number and rate) by state and sex, Malaysia, 2022

	Kematian penduduk berumur 60 tahun dan lebih <i>Deaths of population aged 60 years and over</i>			Kadar mortaliti penduduk berumur 60 tahun dan lebih <i>Mortality rate of population aged 60 years and over</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	145,301	77,470	67,831	40.2	43.7	36.8
Johor	17,808	9,721	8,087	41.0	44.7	37.2
Kedah	12,464	6,405	6,059	45.0	49.3	41.1
Kelantan	9,427	4,890	4,537	48.3	53.9	43.5
Melaka	4,814	2,481	2,333	46.0	49.8	42.5
Negeri Sembilan	6,138	3,254	2,884	43.3	47.1	39.7
Pahang	7,577	4,256	3,321	46.3	52.6	40.2
Perak	16,700	8,808	7,892	46.1	51.9	41.0
Perlis	1,755	916	839	50.3	57.8	44.1
Pulau Pinang	9,752	5,141	4,611	46.4	50.8	42.3
Sabah	11,297	6,295	5,002	39.0	42.2	35.6
Sarawak	11,641	6,239	5,402	37.7	41.2	34.3
Selangor	22,434	11,980	10,454	28.9	30.4	27.3
Terengganu	5,841	2,980	2,861	52.5	56.8	48.7
W.P. Kuala Lumpur	7,274	3,899	3,375	37.3	40.5	34.2
W.P. Labuan	242	132	110	32.0	33.3	30.6
W.P. Putrajaya	137	73	64	37.7	44.7	32.0

Kadar adalah bagi setiap 1,000 penduduk berumur 60 tahun dan lebih

The rates are per 1,000 population of aged 60 years and over

Jadual 11.2: Sepuluh sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 11.2: Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	13,329	16.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	35,679	54.6
2. Pneumonia	13,000	16.3	Darah tinggi Hypertension	2,755	4.2
3. Cerebrovascular diseases	6,463	8.1	Kencing manis Diabetes mellitus	1,642	2.5
4. COVID-19 infection (due to)	4,057	5.1	Barah trakea,bronkus dan paru-paru Trachea, bronchus and lung cancer	697	1.1
5. Malignant neoplasm of trachea, bronchus and lung	1,862	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	615	0.9
6. Chronic lower respiratory diseases	1,831	2.3	Lelah Asthma	580	0.9
7. Diabetes mellitus	1,496	1.9	Penyakit jantung iskemia Ischaemic heart diseases	479	0.7
8. Hypertensive diseases	1,442	1.8	Barah hati Liver cancer	467	0.7
9. Malignant neoplasm of colon, rectum and anus	1,251	1.6	Barah payudara Breast cancer	364	0.6
10. Malignant neoplasm of liver and intrahepatic bile ducts	966	1.2	Radang paru-paru Pneumonia	340	0.5
Keseluruhan sebab All causes		79,997	Keseluruhan sebab All causes		65,304

Jadual 11.2: Sepuluh sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 11.2: Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	8,144	18.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	16,173	49.7			
	2. Pneumonia	7,143	15.9	Darah tinggi Hypertension	1,347	4.1			
	3. Cerebrovascular diseases	3,374	7.5	Penyakit serebrovaskular Cerebrovascular diseases	867	2.7			
	4. COVID-19 infection (due to)	2,279	5.1	Kencing manis Diabetes mellitus	855	2.6			
	5. Malignant neoplasm of trachea, bronchus and lung	1,303	2.9	Barah trakea,bronkus dan paru-paru Trachea, bronchus and lung cancer	454	1.4			
	6. Chronic lower respiratory diseases	1,297	2.9	Lelah Asthma	374	1.1			
	7. Hypertensive diseases	758	1.7	Penyakit jantung iskemia Ischaemic heart diseases	359	1.1			
	8. Malignant neoplasm of colon, rectum and anus	721	1.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	330	1.0			
	9. Malignant neoplasm of liver and intrahepatic bile ducts	706	1.6	Barah hati Liver cancer	309	0.9			
	10. Diabetes mellitus	692	1.5	Radang paru-paru Pneumonia	193	0.6			
Keseluruhan sebab All causes			44,930	Keseluruhan sebab All causes			32,540		
Perempuan/ Female	1. Pneumonia	5,857	16.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	19,506	59.5			
	2. Ischaemic heart diseases	5,185	14.8	Darah tinggi Hypertension	1,408	4.3			
	3. Cerebrovascular diseases	3,089	8.8	Kencing manis Diabetes mellitus	787	2.4			
	4. COVID-19 infection (due to)	1,778	5.1	Penyakit serebrovaskular Cerebrovascular diseases	690	2.1			
	5. Malignant neoplasm of breast	855	2.4	Barah payudara Breast cancer	363	1.1			
	6. Diabetes mellitus	804	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	285	0.9			
	7. Hypertensive diseases	684	2.0	Barah trakea,bronkus dan paru-paru Trachea, bronchus and lung cancer	243	0.7			
	8. Malignant neoplasm of trachea, bronchus and lung	559	1.6	Lelah Asthma	206	0.6			
	9. Chronic lower respiratory diseases	534	1.5	Barah hati Liver cancer	158	0.5			
	10. Malignant neoplasm of colon, rectum and anus	530	1.5	Radang paru-paru Pneumonia	147	0.4			
Keseluruhan sebab All causes			35,067	Keseluruhan sebab All causes			32,764		

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. Ischaemic heart diseases	1,992	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,158	71.0
	2. Pneumonia	1,738	16.5	Darah tinggi <i>Hypertension</i>	303	4.2
	3. Cerebrovascular diseases	866	8.2	Kencing manis <i>Diabetes mellitus</i>	121	1.7
	Keseluruhan sebab <i>All causes</i>	10,543		Keseluruhan sebab <i>All causes</i>	7,265	
Kedah	1. Ischaemic heart diseases	1,329	19.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,182	57.1
	2. Pneumonia	1,325	19.2	Darah tinggi <i>Hypertension</i>	352	6.3
	3. Cerebrovascular diseases	668	9.7	Kencing manis <i>Diabetes mellitus</i>	281	5.0
	Keseluruhan sebab <i>All causes</i>	6,894		Keseluruhan sebab <i>All causes</i>	5,570	
Kelantan	1. Ischaemic heart diseases	1,462	26.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,768	69.2
	2. Pneumonia	874	16.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	140	3.5
	3. Cerebrovascular diseases	512	9.4	Darah tinggi <i>Hypertension</i>	128	3.2
	Keseluruhan sebab <i>All causes</i>	5,425		Keseluruhan sebab <i>All causes</i>	4,002	
Melaka	1. Ischaemic heart diseases	525	20.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,459	63.9
	2. Pneumonia	309	12.2	Darah tinggi <i>Hypertension</i>	98	4.3
	3. COVID-19 infection (due to)	184	7.3	Kencing manis <i>Diabetes mellitus</i>	78	3.4
	Keseluruhan sebab <i>All causes</i>	2,531		Keseluruhan sebab <i>All causes</i>	2,283	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Negeri Sembilan	1. Ischaemic heart diseases	637	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,566	70.4
	2. Pneumonia	539	13.8	Darah tinggi <i>Hypertension</i>	74	3.3
	3. Cerebrovascular diseases	350	8.9	Kencing manis <i>Diabetes mellitus</i>	51	2.3
	Keseluruhan sebab <i>All causes</i>	3,912		Keseluruhan sebab <i>All causes</i>	2,226	
Pahang	1. Ischaemic heart diseases	823	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,903	59.1
	2. Pneumonia	782	17.9	Darah tinggi <i>Hypertension</i>	131	4.1
	3. Cerebrovascular diseases	357	8.2	Kencing manis <i>Diabetes mellitus</i>	115	3.6
	Keseluruhan sebab <i>All causes</i>	4,358		Keseluruhan sebab <i>All causes</i>	3,219	
Perak	1. Pneumonia	1,414	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6,180	71.1
	2. Ischaemic heart diseases	1,138	14.2	Darah tinggi <i>Hypertension</i>	310	3.6
	3. COVID-19 infection (due to)	600	7.5	Kencing manis <i>Diabetes mellitus</i>	225	2.6
	Keseluruhan sebab <i>All causes</i>	8,006		Keseluruhan sebab <i>All causes</i>	8,694	
Perlis	1. Ischaemic heart diseases	283	26.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	509	75.1
	2. Pneumonia	192	17.8	Kencing manis <i>Diabetes mellitus</i>	19	2.8
	3. Cerebrovascular diseases	79	7.3	Darah tinggi <i>Hypertension</i>	15	2.2
	Keseluruhan sebab <i>All causes</i>	1,077		Keseluruhan sebab <i>All causes</i>	678	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pulau Pinang	1. <i>Pneumonia</i>	871	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,755	60.4
	2. <i>Ischaemic heart diseases</i>	848	16.3	Darah tinggi <i>Hypertension</i>	357	7.8
	3. <i>Cerebrovascular diseases</i>	300	5.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	150	3.3
	Keseluruhan sebab <i>All causes</i>	5,191		Keseluruhan sebab <i>All causes</i>	4,561	
Sabah	1. <i>Pneumonia</i>	809	16.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,965	30.5
	2. <i>Cerebrovascular diseases</i>	326	6.7	Darah tinggi <i>Hypertension</i>	112	1.7
	3. <i>Ischaemic heart diseases</i>	315	6.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	99	1.5
	Keseluruhan sebab <i>All causes</i>	4,855		Keseluruhan sebab <i>All causes</i>	6,442	
Sarawak	1. <i>Pneumonia</i>	565	11.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	159	2.3
	2. <i>Ischaemic heart diseases</i>	415	8.6	Darah tinggi <i>Hypertension</i>	5	0.1
	3. <i>Cerebrovascular diseases</i>	381	7.9	Radang paru-paru <i>Pneumonia</i>	2	0.0
	Keseluruhan sebab <i>All causes</i>	4,842		Keseluruhan sebab <i>All causes</i>	6,799	
Selangor	1. <i>Ischaemic heart diseases</i>	2,137	15.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,177	58.2
	2. <i>Pneumonia</i>	2,135	15.8	Darah tinggi <i>Hypertension</i>	592	6.7
	3. <i>Cerebrovascular diseases</i>	987	7.3	Kencing manis <i>Diabetes mellitus</i>	299	3.4
	Keseluruhan sebab <i>All causes</i>	13,546		Keseluruhan sebab <i>All causes</i>	8,888	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. <i>Pneumonia</i>	667	17.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,212	62.8
	2. <i>Ischaemic heart diseases</i>	645	16.5	Darah tinggi <i>Hypertension</i>	121	6.3
	3. <i>Cerebrovascular diseases</i>	531	13.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	102	5.3
	Keseluruhan sebab <i>All causes</i>	3,911		Keseluruhan sebab <i>All causes</i>	1,930	
W.P. Kuala Lumpur	1. <i>Ischaemic heart diseases</i>	734	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,645	61.9
	2. <i>Pneumonia</i>	734	15.9	Darah tinggi <i>Hypertension</i>	149	5.6
	3. <i>Cerebrovascular diseases</i>	334	7.2	Kencing manis <i>Diabetes mellitus</i>	68	2.6
	Keseluruhan sebab <i>All causes</i>	4,618		Keseluruhan sebab <i>All causes</i>	2,656	
W.P. Labuan	1. <i>Ischaemic heart diseases</i>	29	17.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35	48.6
	2. <i>Pneumonia</i>	27	15.9	Darah tinggi <i>Hypertension</i>	8	11.1
	3. <i>Hypertensive diseases</i>	18	10.6	Lelah <i>Asthma</i>	1	1.4
	Keseluruhan sebab <i>All causes</i>	170		Keseluruhan sebab <i>All causes</i>	72	
W.P. Putrajaya	1. <i>Pneumonia</i>	19	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6	31.6
	2. <i>Ischaemic heart diseases</i>	17	14.4	Barah hati <i>Liver cancer</i>	2	10.5
	3. <i>Cerebrovascular diseases</i>	9	7.6	Barah pankreas <i>Pancreas cancer</i>	1	5.3
	Keseluruhan sebab <i>All causes</i>	118		Keseluruhan sebab <i>All causes</i>	19	

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KEMATIAN PRAMATANG *PREMATURE DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 12.1: Kematian pramatang (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2022

Table 12.1: Premature deaths (number and rate) by state and sex, Malaysia, 2022

	Kematian penduduk berumur 30-69 tahun <i>Deaths of population aged 30-69 years</i>			Kadar mortaliti penduduk berumur 30-69 tahun <i>Mortality rate of population aged 30-69 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	95,266	60,795	34,471	6.3	7.7	4.7
Johor	11,787	7,504	4,283	6.4	7.6	4.9
Kedah	8,270	5,174	3,096	9.0	11.5	6.7
Kelantan	6,048	3,651	2,397	8.7	10.6	6.8
Melaka	2,937	1,845	1,092	6.4	7.6	5.0
Negeri Sembilan	4,034	2,653	1,381	7.2	9.1	5.1
Pahang	5,206	3,314	1,892	7.2	8.7	5.6
Perak	9,513	6,226	3,287	8.2	10.4	5.8
Perlis	1,027	632	395	8.1	10.3	6.1
Pulau Pinang	5,417	3,528	1,889	6.1	7.9	4.3
Sabah	8,783	5,479	3,304	6.4	7.6	5.0
Sarawak	7,238	4,675	2,563	6.1	7.6	4.4
Selangor	15,929	10,454	5,475	4.5	5.6	3.2
Terengganu	4,290	2,555	1,735	8.7	10.2	7.2
W.P. Kuala Lumpur	4,437	2,893	1,544	4.1	5.0	3.1
W.P. Labuan	199	120	79	4.6	5.3	3.8
W.P. Putrajaya	151	92	59	2.8	3.6	2.0

Kadar adalah bagi setiap 1,000 penduduk berumur 30-69 tahun

The rates are per 1,000 population of aged 30-69 years

Jadual 12.2: Sepuluh sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022

Table 12.2: Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2022

Jumlah/ Total					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Ischaemic heart diseases	12,075	18.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	3,372	11.4
2. Pneumonia	7,054	10.7	Darah tinggi Hypertension	2,235	7.6
3. Cerebrovascular diseases	4,651	7.1	Kencing manis Diabetes mellitus	1,801	6.1
4. COVID-19 infection (due to)	2,061	3.1	Penyakit serebrovaskular Cerebrovascular diseases	1,139	3.9
5. Transport accidents	1,952	3.0	Penyakit jantung iskemia Ischaemic heart diseases	813	2.8
6. Malignant neoplasm of trachea, bronchus and lung	1,654	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	570	1.9
7. Malignant neoplasm of breast	1,554	2.4	Barah payudara Breast cancer	545	1.8
8. Diseases of the liver	1,184	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	536	1.8
9. Malignant neoplasm of colon, rectum and anus	1,160	1.8	Lelah Asthma	520	1.8
10. Diabetes mellitus	1,136	1.7	Barah hati Liver cancer	485	1.6
Keseluruhan sebab All causes		65,736	Keseluruhan sebab All causes		29,530

Jadual 12.2: Sepuluh sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2022 (samb.)

Table 12.2: Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2022 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	9,262	21.8	Sakit tua 65 tahun dan lebih Old age 65 years and over		2,051	11.2
	2. Pneumonia	4,406	10.4	Darah tinggi Hypertension		1,321	7.2
	3. Cerebrovascular diseases	3,007	7.1	Kencing manis Diabetes mellitus		1,069	5.8
	4. Transport accidents	1,662	3.9	Penyakit serebrovaskular Cerebrovascular diseases		737	4.0
	5. COVID-19 infection (due to)	1,269	3.0	Penyakit jantung iskemia Ischaemic heart diseases		671	3.7
	6. Malignant neoplasm of trachea, bronchus and lung	1,150	2.7	Lelah Asthma		352	1.9
	7. Diseases of the liver	883	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		352	1.9
	8. Hypertensive diseases	748	1.8	Barah hati Liver cancer		350	1.9
	9. Malignant neoplasm of liver and intrahepatic bile ducts	718	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		329	1.8
	10. Chronic lower respiratory diseases	697	1.6	Radang paru-paru Pneumonia		128	0.7
Keseluruhan sebab All causes		42,414		Keseluruhan sebab All causes		18,381	
Perempuan/ Female	1. Ischaemic heart diseases	2,813	12.1	Sakit tua 65 tahun dan lebih Old age 65 years and over		1,321	11.8
	2. Pneumonia	2,648	11.4	Darah tinggi Hypertension		914	8.2
	3. Cerebrovascular diseases	1,644	7.0	Kencing manis Diabetes mellitus		732	6.6
	4. Malignant neoplasm of breast	1,544	6.6	Barah payudara Breast cancer		544	4.9
	5. COVID-19 infection (due to)	792	3.4	Penyakit serebrovaskular Cerebrovascular diseases		402	3.6
	6. Diabetes mellitus	536	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		241	2.2
	7. Malignant neoplasm of trachea, bronchus and lung	504	2.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		184	1.7
	8. Malignant neoplasm of colon, rectum and anus	480	2.1	Lelah Asthma		168	1.5
	9. Hypertensive diseases	359	1.5	Penyakit jantung iskemia Ischaemic heart diseases		142	1.3
	10. Malignant neoplasm of ovary	322	1.4	Barah hati Liver cancer		135	1.2
Keseluruhan sebab All causes		23,322		Keseluruhan sebab All causes		11,149	

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Johor	1. Ischaemic heart diseases	1,759	19.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	547	18.5
	2. Pneumonia	958	10.8	Darah tinggi <i>Hypertension</i>	325	11.0
	3. Cerebrovascular diseases	611	6.9	Kencing manis <i>Diabetes mellitus</i>	164	5.6
	Keseluruhan sebab <i>All causes</i>	8,836		Keseluruhan sebab <i>All causes</i>	2,951	
Kedah	1. Ischaemic heart diseases	1,094	18.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	261	10.8
	2. Pneumonia	927	15.8	Kencing manis <i>Diabetes mellitus</i>	252	10.5
	3. Cerebrovascular diseases	486	8.3	Darah tinggi <i>Hypertension</i>	249	10.3
	Keseluruhan sebab <i>All causes</i>	5,861		Keseluruhan sebab <i>All causes</i>	2,409	
Kelantan	1. Ischaemic heart diseases	986	23.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	277	15.3
	2. Pneumonia	565	13.3	Kencing manis <i>Diabetes mellitus</i>	176	9.7
	3. Cerebrovascular diseases	342	8.1	Darah tinggi <i>Hypertension</i>	139	7.7
	Keseluruhan sebab <i>All causes</i>	4,234		Keseluruhan sebab <i>All causes</i>	1,814	
Melaka	1. Ischaemic heart diseases	454	23.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	134	13.0
	2. Pneumonia	142	7.4	Darah tinggi <i>Hypertension</i>	114	11.1
	3. Cerebrovascular diseases	107	5.6	Kencing manis <i>Diabetes mellitus</i>	94	9.2
	Keseluruhan sebab <i>All causes</i>	1,910		Keseluruhan sebab <i>All causes</i>	1,027	

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Negeri Sembilan	1. Ischaemic heart diseases	599	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	154	17.7
	2. Pneumonia	280	8.8	Darah tinggi <i>Hypertension</i>	68	7.8
	3. Cerebrovascular diseases	213	6.7	Kencing manis <i>Diabetes mellitus</i>	53	6.1
	Keseluruhan sebab <i>All causes</i>	3,166		Keseluruhan sebab <i>All causes</i>	868	
Pahang	1. Ischaemic heart diseases	645	18.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	214	13.1
	2. Pneumonia	478	13.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	124	7.6
	3. Cerebrovascular diseases	227	6.4	Darah tinggi <i>Hypertension</i>	107	6.5
	Keseluruhan sebab <i>All causes</i>	3,567		Keseluruhan sebab <i>All causes</i>	1,639	
Perak	1. Ischaemic heart diseases	1,165	18.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	542	17.8
	2. Pneumonia	723	11.2	Kencing manis <i>Diabetes mellitus</i>	230	7.5
	3. Cerebrovascular diseases	427	6.6	Darah tinggi <i>Hypertension</i>	229	7.5
	Keseluruhan sebab <i>All causes</i>	6,464		Keseluruhan sebab <i>All causes</i>	3,049	
Perlis	1. Ischaemic heart diseases	169	22.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	50	18.5
	2. Pneumonia	101	13.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	39	14.4
	3. Cerebrovascular diseases	56	7.4	Kencing manis <i>Diabetes mellitus</i>	25	9.2
	Keseluruhan sebab <i>All causes</i>	756		Keseluruhan sebab <i>All causes</i>	271	

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pulau Pinang	1. <i>Ischaemic heart diseases</i>	822	20.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	201	13.7
	2. <i>Pneumonia</i>	407	10.3	Darah tinggi <i>Hypertension</i>	139	9.4
	3. <i>Cerebrovascular diseases</i>	205	5.2	Kencing manis <i>Diabetes mellitus</i>	101	6.9
	Keseluruhan sebab <i>All causes</i>	3,945		Keseluruhan sebab <i>All causes</i>	1,472	
Sabah	1. <i>Pneumonia</i>	419	9.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	237	5.4
	2. <i>Ischaemic heart diseases</i>	352	8.1	Darah tinggi <i>Hypertension</i>	128	2.9
	3. <i>Cerebrovascular diseases</i>	322	7.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	101	2.3
	Keseluruhan sebab <i>All causes</i>	4,356		Keseluruhan sebab <i>All causes</i>	4,427	
Sarawak	1. <i>Ischaemic heart diseases</i>	384	9.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20	0.6
	2. <i>Cerebrovascular diseases</i>	283	7.2	Darah tinggi <i>Hypertension</i>	7	0.2
	3. <i>Pneumonia</i>	260	6.6	Radang paru-paru <i>Pneumonia</i>	3	0.1
	Keseluruhan sebab <i>All causes</i>	3,954		Keseluruhan sebab <i>All causes</i>	3,284	
Selangor	1. <i>Ischaemic heart diseases</i>	2,309	19.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	494	11.6
	2. <i>Pneumonia</i>	1,092	9.3	Darah tinggi <i>Hypertension</i>	474	11.2
	3. <i>Cerebrovascular diseases</i>	779	6.7	Kencing manis <i>Diabetes mellitus</i>	384	9.0
	Keseluruhan sebab <i>All causes</i>	11,681		Keseluruhan sebab <i>All causes</i>	4,248	

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2022 (samb.)

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. Ischaemic heart diseases	617	18.1	Darah tinggi <i>Hypertension</i>	109	12.4
	2. Pneumonia	427	12.5	Kencing manis <i>Diabetes mellitus</i>	98	11.1
	3. Cerebrovascular diseases	332	9.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	76	8.6
	Keseluruhan sebab <i>All causes</i>	3,408		Keseluruhan sebab <i>All causes</i>	882	
W.P. Kuala Lumpur	1. Ischaemic heart diseases	662	20.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	161	14.2
	2. Pneumonia	252	7.6	Darah tinggi <i>Hypertension</i>	124	11.0
	3. Cerebrovascular diseases	249	7.5	Kencing manis <i>Diabetes mellitus</i>	81	7.2
	Keseluruhan sebab <i>All causes</i>	3,306		Keseluruhan sebab <i>All causes</i>	1,131	
W.P. Labuan	1. Ischaemic heart diseases	34	22.1	Darah tinggi <i>Hypertension</i>	9	20.0
	2. Pneumonia	14	9.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	6.7
	3. Hypertensive diseases	9	5.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3	6.7
	Keseluruhan sebab <i>All causes</i>	154		Keseluruhan sebab <i>All causes</i>	45	
W.P. Putrajaya	1. Ischaemic heart diseases	24	17.4	Lelah <i>Asthma</i>	1	7.7
	2. Pneumonia	9	6.5	Barah hati <i>Liver cancer</i>	1	7.7
	3. Cerebrovascular diseases	7	5.1	Barah pankreas <i>Pancreas cancer</i>	1	7.7
	Keseluruhan sebab <i>All causes</i>	138		Keseluruhan sebab <i>All causes</i>	13	

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MATLAMAT PEMBANGUNAN MAMPAN (SDG)

*SUSTAINABLE
DEVELOPMENT
GOALS (SDG)*



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Jadual 13.1: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut negeri dan jantina, Malaysia, 2022

Table 13.1: Premature mortality rate attributed to Cardiovascular diseases by state and sex, Malaysia, 2022

	Cardiovascular diseases		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	141.9	195.4	84.0
Johor	162.8	222.1	95.9
Kedah	206.4	285.4	129.4
Kelantan	228.0	310.2	147.1
Melaka	147.1	195.1	93.5
Negeri Sembilan	184.7	257.2	107.0
Pahang	155.8	203.9	101.4
Perak	175.4	254.3	91.7
Perlis	220.5	312.7	133.9
Pulau Pinang	154.7	229.2	79.2
Sabah	87.3	118.9	53.1
Sarawak	91.4	121.6	59.3
Selangor	106.8	151.9	56.9
Terengganu	244.8	319.1	167.4
W.P. Kuala Lumpur	103.8	141.4	60.4
W.P. Labuan	147.8	195.7	96.1
W.P. Putrajaya	75.0	104.4	48.6

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.2: Kadar kematian pramatang yang berpunca daripada Cancer mengikut negeri dan jantina, Malaysia, 2022

Table 13.2: Premature mortality rate attributed to Cancer by state and sex, Malaysia, 2022

	Cancer		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	64.4	61.0	68.2
Johor	71.1	60.2	83.4
Kedah	67.8	74.8	61.0
Kelantan	68.1	58.0	78.1
Melaka	60.6	55.4	66.4
Negeri Sembilan	88.7	85.0	92.7
Pahang	56.6	52.5	61.2
Perak	68.0	73.0	62.8
Perlis	65.1	63.8	66.2
Pulau Pinang	59.3	58.7	59.9
Sabah	60.1	56.3	64.3
Sarawak	69.5	72.4	66.4
Selangor	57.2	52.6	62.3
Terengganu	80.3	73.1	87.9
W.P. Kuala Lumpur	59.9	55.5	65.0
W.P. Labuan	57.7	35.6	81.7
W.P. Putrajaya	51.2	54.1	48.6

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.3: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut negeri dan jantina, Malaysia, 2022

Table 13.3: Premature mortality rate attributed to Diabetes by state and sex, Malaysia, 2022

	Diabetes		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	7.5	7.6	7.3
Johor	7.1	6.9	7.3
Kedah	12.8	12.6	12.9
Kelantan	18.1	18.3	18.0
Melaka	3.2	4.1	2.3
Negeri Sembilan	14.0	13.4	14.7
Pahang	8.6	10.4	6.5
Perak	6.8	5.7	8.0
Perlis	9.5	11.5	7.7
Pulau Pinang	7.6	7.2	7.9
Sabah	4.0	4.6	3.3
Sarawak	3.0	3.1	2.9
Selangor	4.6	5.2	4.0
Terengganu	30.0	30.7	29.2
W.P. Kuala Lumpur	4.0	3.9	4.1
W.P. Labuan	-	-	-
W.P. Putrajaya	-	-	-

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.4: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut negeri dan jantina, Malaysia, 2022

Table 13.4: Premature mortality rate attributed to Chronic respiratory diseases by state and sex, Malaysia, 2022

	Chronic respiratory diseases		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	16.7	22.5	10.3
Johor	20.8	26.2	14.7
Kedah	22.6	33.9	11.6
Kelantan	18.4	23.5	13.4
Melaka	17.3	23.0	11.0
Negeri Sembilan	20.6	32.9	7.4
Pahang	21.5	26.9	15.4
Perak	22.6	29.9	14.9
Perlis	21.4	34.4	9.2
Pulau Pinang	21.5	29.6	13.4
Sabah	15.4	20.5	10.0
Sarawak	15.3	21.0	9.2
Selangor	9.7	13.5	5.5
Terengganu	29.4	41.9	16.2
W.P. Kuala Lumpur	7.9	10.6	4.7
W.P. Labuan	11.5	13.3	9.6
W.P. Putrajaya	7.3	7.7	6.9

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.5: Kadar kematian Bunuh diri mengikut negeri dan jantina, Malaysia, 2022

Table 13.5: Suicide mortality rate by state and sex, Malaysia, 2022

	Bunuh diri <i>Suicide</i>		
	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
MALAYSIA	0.02	0.04	0.01
Johor	-	-	-
Kedah	-	-	-
Kelantan	-	-	-
Melaka	-	-	-
Negeri Sembilan	-	-	-
Pahang	-	-	-
Perak	-	-	-
Perlis	-	-	-
Pulau Pinang	-	-	-
Sabah	-	-	-
Sarawak	0.08	0.08	0.08
Selangor	0.04	0.08	-
Terengganu	0.17	0.33	-
W.P. Kuala Lumpur	-	-	-
W.P. Labuan	1.03	2.01	-
W.P. Putrajaya	-	-	-

Kadar adalah bagi setiap 100,000 penduduk

The rates are per 100,000 population

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022

Table 13.6: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	141.9	195.4	84.0
Johor	162.8	222.1	95.9
Batu Pahat	234.8	328.0	133.1
Johor Bahru	121.8	169.0	68.7
Kluang	180.6	223.2	128.9
Kota Tinggi	230.9	317.4	134.2
Mersing	175.0	192.8	154.6
Muar	158.1	213.2	92.3
Pontian	247.9	337.0	146.5
Segamat	175.8	241.3	106.5
Kulai	122.2	178.4	57.9
Tangkak	205.8	279.0	127.2
Kedah	206.4	285.4	129.4
Baling	276.2	349.7	202.9
Bandar Baharu	181.9	267.0	96.4
Kota Setar	176.2	239.5	117.5
Kuala Muda	211.7	292.7	131.6
Kubang Pasu	219.3	324.1	124.5
Kulim	175.9	241.2	111.1
Langkawi	174.6	246.1	101.1
Padang Terap	199.9	242.7	156.5
Sik	315.8	425.8	207.0
Yan	137.5	227.5	51.3
Pendang	296.4	410.4	184.5
Pokok Sena	204.7	293.8	96.9
Kelantan¹	228.0	310.2	147.1
Bachok	220.3	314.1	130.0
Kota Bharu	227.3	326.3	130.8
Machang	252.0	352.3	153.4
Pasir Mas	216.3	279.7	154.5
Pasir Puteh	292.9	380.3	208.8
Tanah Merah	203.7	262.8	144.7
Tumpat	239.3	340.0	147.1
Gua Musang	107.8	121.5	91.8
Kuala Krai	279.1	358.9	200.1
Jeli	263.9	353.6	170.0
Kecil Lojing	149.1	164.9	130.4

Nota/ Note : ¹ Jajahan

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.6: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Melaka	147.1	195.1	93.5
Alor Gajah	149.8	194.5	102.6
Jasin	198.0	254.0	132.3
Melaka Tengah	132.9	180.0	79.9
Negeri Sembilan	184.7	257.2	107.0
Jelebu	323.4	422.4	208.6
Kuala Pilah	204.8	294.0	109.2
Port Dickson	248.7	362.6	122.8
Rembau	285.1	465.0	99.8
Seremban	132.1	185.8	75.5
Tampin	264.1	356.0	156.5
Jempol	262.1	321.0	199.5
Pahang	155.8	203.9	101.4
Bentong	180.2	217.2	130.1
Cameron Highlands	140.5	191.5	68.1
Jerantut	188.7	250.2	119.2
Kuantan	87.8	118.8	54.1
Lipis	190.3	221.8	153.8
Pekan	142.3	161.3	120.5
Raub	188.9	246.1	122.7
Temerloh	223.0	308.0	135.6
Rompin	202.5	264.6	128.3
Maran	250.1	333.7	159.2
Bera	184.7	254.8	103.4
Perak	175.4	254.3	91.7
Batang Padang	188.1	252.0	116.0
Manjung	196.6	276.2	107.1
Kinta	125.7	185.6	63.4
Kerian	182.4	276.6	84.8
Kuala Kangsar	238.9	360.7	116.5
Larut & Matang	225.5	331.3	116.5
Hilir Perak	191.8	280.1	91.9
Hulu Perak	254.3	318.4	184.9
Perak Tengah	252.3	362.1	137.1
Kampar	205.8	323.6	87.2
Muallim	139.2	235.9	37.6
Bagan Datuk	130.1	167.4	82.3
Selama	233.5	294.6	170.8

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.6: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	220.5	312.7	133.9
Pulau Pinang	154.7	229.2	79.2
Seberang Perai Tengah	135.4	201.1	63.6
Seberang Perai Utara	178.2	259.5	97.2
Seberang Perai Selatan	161.4	248.9	73.5
Timur Laut	153.3	233.1	74.6
Barat Daya	154.1	213.2	96.2
Sabah	87.3	118.9	53.1
Tawau	73.0	97.4	46.0
Lahad Datu	65.9	87.8	40.4
Semporna	50.1	63.8	35.5
Sandakan	77.9	89.9	64.9
Kinabatangan	31.8	49.2	8.7
Beluran	47.0	56.6	36.0
Kota Kinabalu	91.3	130.6	50.3
Ranau	87.3	120.4	54.2
Kota Belud	100.1	157.5	44.7
Tuaran	114.1	148.3	80.4
Penampang	107.0	149.3	60.1
Papar	130.1	190.6	60.5
Kudat	78.4	128.6	28.0
Kota Marudu	89.9	150.3	28.9
Pitas	86.5	128.8	41.3
Beaufort	168.3	215.3	117.2
Kuala Penyu	177.4	271.1	83.6
Sipitang	155.6	237.3	67.4
Tenom	145.8	203.0	88.0
Nabawan	52.6	68.5	36.0
Keningau	123.1	172.2	73.0
Tambunan	130.7	150.0	112.1
Kunak	94.6	89.4	100.8
Tongod	42.2	67.4	13.0
Putatan	95.5	143.4	46.4
Telupid	51.4	78.5	18.9
Kalabakan	33.2	49.2	12.7

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.6: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Sarawak	91.4	121.6	59.3
Kuching	84.2	125.1	43.8
Bau	81.6	112.3	48.4
Lundu	167.4	242.7	80.2
Samarahan	37.4	56.4	18.6
Serian	119.8	170.5	67.0
Simunjan	85.2	118.8	47.9
Sri Aman	90.4	90.8	90.0
Lubok Antu	108.3	180.7	31.8
Betong	199.7	264.6	126.5
Saratok	77.9	125.3	31.0
Sarikei	145.5	176.1	116.0
Maradong	82.8	125.6	40.9
Daro	121.3	161.0	73.2
Julau	80.1	26.8	132.9
Sibu	85.3	122.4	47.8
Dalat	179.9	194.8	164.1
Mukah	101.6	93.8	110.9
Kanowit	151.1	168.4	134.0
Bintulu	60.1	78.3	38.2
Tatau	69.0	67.7	70.7
Kapit	83.6	95.3	71.9
Song	124.7	132.1	118.1
Belaga	70.9	73.6	66.8
Miri	89.5	124.9	52.1
Marudi	121.1	163.9	71.4
Limbang	83.6	108.7	57.2
Lawas	119.5	127.1	111.3
Matu	74.1	134.7	-
Asajaya	58.7	103.2	13.2
Pakan	82.6	107.1	56.7
Selangau	155.6	183.3	124.2
Tebedu	94.6	105.3	82.8
Pusa	258.6	262.5	254.8
Kabong	73.7	84.9	62.6
Tanjung Manis	278.3	330.3	218.2
Sebauh	68.2	75.2	58.7
Bukit Mabong	74.5	60.0	98.1
Subis	71.8	79.4	62.3
Beluru	127.2	126.6	127.9
Telang Usan	103.2	149.4	49.5

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.6: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	106.8	151.9	56.9
Gombak	95.2	137.7	49.6
Klang	116.0	166.1	58.1
Kuala Langat	146.2	203.7	83.7
Kuala Selangor	190.4	276.9	101.7
Petaling	83.1	117.5	44.7
Sabak Bernam	305.5	414.6	188.6
Sepang	75.0	96.7	49.9
Ulu Langat	107.9	156.2	54.3
Ulu Selangor	144.9	206.8	75.2
Terengganu	244.8	319.1	167.4
Besut	336.4	455.9	215.1
Dungun	234.1	286.7	177.6
Kemaman	205.3	235.8	171.0
Kuala Terengganu	293.2	412.9	174.9
Marang	199.0	254.4	143.5
Hulu Terengganu	248.7	350.7	133.9
Setiu	362.4	436.2	286.7
Kuala Nerus	135.4	190.8	79.6
W.P. Kuala Lumpur	103.8	141.4	60.4
W.P. Labuan	147.8	195.7	96.1
W.P. Putrajaya	75.0	104.4	48.6

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2022

Table 13.7: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	64.4	61.0	68.2
Johor	71.1	60.2	83.4
Batu Pahat	91.5	75.9	108.4
Johor Bahru	56.7	45.1	69.8
Kluang	76.9	63.4	93.3
Kota Tinggi	99.4	86.7	113.5
Mersing	108.3	104.2	113.0
Muar	85.6	73.6	99.9
Pontian	87.2	84.2	90.6
Segamat	91.0	96.5	85.2
Kulai	45.0	36.2	55.1
Tangkak	69.0	54.3	84.8
Kedah	67.8	74.8	61.0
Baling	69.5	88.3	50.7
Bandar Baharu	80.2	85.4	75.0
Kota Setar	83.4	99.7	68.4
Kuala Muda	61.6	59.4	63.7
Kubang Pasu	63.5	77.0	51.3
Kulim	57.7	59.3	56.2
Langkawi	59.9	68.9	50.6
Padang Terap	85.1	117.7	52.2
Sik	64.6	65.0	64.2
Yan	42.6	53.5	32.1
Pendang	95.5	84.1	106.8
Pokok Sena	78.0	97.9	53.8
Kelantan¹	68.1	58.0	78.1
Bachok	87.8	64.2	110.5
Kota Bharu	74.3	65.6	82.7
Machang	84.8	70.5	99.0
Pasir Mas	54.1	35.8	71.8
Pasir Puteh	86.3	90.0	82.7
Tanah Merah	62.3	43.8	80.8
Tumpat	67.9	61.8	73.5
Gua Musang	36.8	38.9	34.4
Kuala Krai	48.0	41.4	54.6
Jeli	58.6	66.9	50.0
Kecil Lojing	-	-	-

Nota/ Note : ¹ Jajahan

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.7: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Melaka	60.6	55.4	66.4
Alor Gajah	71.8	63.1	81.0
Jasin	72.1	62.8	83.1
Melaka Tengah	53.1	50.4	56.1
Negeri Sembilan	88.7	85.0	92.7
Jelebu	130.3	125.8	135.6
Kuala Pilah	158.2	132.0	186.3
Port Dickson	92.6	127.4	54.2
Rembau	113.0	67.8	159.6
Seremban	69.0	66.9	71.2
Tampin	103.2	89.0	120.0
Jempol	122.9	104.9	142.0
Pahang	56.6	52.5	61.2
Bentong	75.4	79.8	69.4
Cameron Highlands	50.6	38.3	68.1
Jerantut	65.2	52.7	79.4
Kuantan	40.2	34.9	46.0
Lipis	40.4	44.4	35.9
Pekan	44.1	37.5	51.7
Raub	66.0	67.9	63.8
Temerloh	103.6	113.9	93.1
Rompin	54.0	37.2	74.0
Maran	65.7	52.9	79.6
Bera	54.7	46.7	64.0
Perak	68.0	73.0	62.8
Batang Padang	54.5	66.3	41.2
Manjung	65.2	72.3	57.2
Kinta	73.0	77.7	68.1
Kerian	54.7	58.9	50.4
Kuala Kangsar	50.4	56.7	44.0
Larut & Matang	92.7	96.0	89.3
Hilir Perak	56.5	61.6	50.7
Hulu Perak	64.2	61.8	66.8
Perak Tengah	82.4	70.4	94.9
Kampar	70.9	95.7	45.9
Muallim	69.6	71.5	67.7
Bagan Datuk	28.9	30.1	27.4
Selama	71.3	89.7	52.5

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.7: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	65.1	63.8	66.2
Pulau Pinang	59.3	58.7	59.9
Seberang Perai Tengah	51.5	47.6	55.8
Seberang Perai Utara	52.3	46.4	58.1
Seberang Perai Selatan	53.5	69.0	37.8
Timur Laut	67.9	70.8	65.0
Barat Daya	67.0	59.2	74.6
Sabah	60.1	56.3	64.3
Tawau	48.7	35.3	63.6
Lahad Datu	30.8	38.8	21.4
Semporna	34.4	33.4	35.5
Sandakan	47.3	43.9	51.0
Kinabatangan	14.9	16.4	13.0
Beluran	43.7	62.9	21.6
Kota Kinabalu	62.4	58.3	66.7
Ranau	60.2	36.1	84.3
Kota Belud	102.4	115.8	89.4
Tuaran	84.6	63.0	106.0
Penampang	89.8	86.9	93.1
Papar	77.3	69.0	86.9
Kudat	86.8	95.0	78.5
Kota Marudu	50.4	64.4	36.1
Pitas	99.8	90.2	110.0
Beaufort	129.7	114.4	146.5
Kuala Penyu	114.8	104.3	125.4
Sipitang	97.2	62.5	134.7
Tenom	82.6	96.7	68.4
Nabawan	70.2	51.4	90.0
Keningau	85.3	81.2	89.6
Tambunan	155.2	166.7	144.2
Kunak	34.0	34.4	33.6
Tongod	24.1	33.7	13.0
Putatan	45.8	52.8	38.7
Telupid	-	-	-
Kalabakan	22.1	19.7	25.3

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.7: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Sarawak	69.5	72.4	66.4
Kuching	67.9	67.7	68.1
Bau	93.2	127.2	56.5
Lundu	80.6	104.0	53.5
Samarahan	28.1	15.0	41.0
Serian	89.2	106.0	71.8
Simunjan	73.8	129.6	12.0
Sri Aman	53.6	84.3	20.8
Lubok Antu	69.6	120.5	15.9
Betong	91.8	101.8	80.5
Saratok	70.2	94.0	46.6
Sarikei	50.0	64.9	35.7
Maradong	113.8	167.5	61.4
Daro	44.1	20.1	73.2
Julau	53.4	107.4	-
Sibu	81.2	96.3	66.0
Dalat	40.0	19.5	61.6
Mukah	96.6	103.2	88.7
Kanowit	142.7	117.9	167.5
Bintulu	52.1	31.8	76.5
Tatau	69.0	56.4	84.8
Kapit	77.7	71.5	83.9
Song	62.3	132.1	-
Belaga	79.7	88.3	66.8
Miri	61.0	60.1	61.9
Marudi	132.1	82.0	190.4
Limbang	92.9	108.7	76.3
Lawas	89.6	80.9	98.9
Matu	49.4	22.4	82.3
Asajaya	71.8	51.6	92.5
Pakan	41.3	-	85.1
Selangau	77.8	110.0	41.4
Tebedu	78.8	75.2	82.8
Pusa	105.8	95.4	115.8
Kabong	94.7	84.9	104.4
Tanjung Manis	151.8	94.4	218.2
Sebauh	74.4	96.7	44.0
Bukit Mabong	111.7	60.0	196.2
Subis	30.8	30.5	31.1
Beluru	63.6	56.3	73.1
Telang Usan	68.8	64.0	74.3

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.7: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	57.2	52.6	62.3
Gombak	50.4	43.9	57.4
Klang	53.0	44.9	62.4
Kuala Langat	69.9	82.0	56.7
Kuala Selangor	55.2	58.7	51.6
Petaling	59.5	54.6	64.9
Sabak Bernam	125.2	139.4	110.0
Sepang	51.2	41.0	63.0
Ulu Langat	53.2	45.8	61.4
Ulu Selangor	68.3	76.2	59.5
Terengganu	80.3	73.1	87.9
Besut	102.0	72.8	131.6
Dungun	85.7	76.9	95.1
Kemaman	54.7	52.6	57.0
Kuala Terengganu	107.2	79.3	134.7
Marang	65.7	63.6	67.8
Hulu Terengganu	94.4	112.9	73.6
Setiu	70.8	82.3	59.0
Kuala Nerus	57.8	75.6	39.8
W.P. Kuala Lumpur	59.9	55.5	65.0
W.P. Labuan	57.7	35.6	81.7
W.P. Putrajaya	51.2	54.1	48.6

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2022

Table 13.8: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	7.5	7.6	7.3
Johor	7.1	6.9	7.3
Batu Pahat	8.0	8.1	7.9
Johor Bahru	4.9	4.4	5.5
Kluang	3.3	2.4	4.4
Kota Tinggi	28.3	33.2	22.7
Mersing	22.2	20.8	23.8
Muar	5.5	5.1	6.1
Pontian	13.7	4.7	24.0
Segamat	4.1	6.0	2.1
Kulai	5.8	7.2	4.1
Tangkak	1.3	2.5	-
Kedah	12.8	12.6	12.9
Baling	20.3	13.6	27.1
Bandar Baharu	10.7	-	21.4
Kota Setar	6.8	6.5	7.2
Kuala Muda	14.3	16.1	12.6
Kubang Pasu	19.2	14.2	23.8
Kulim	12.8	17.5	8.0
Langkawi	5.0	4.9	5.1
Padang Terap	7.4	14.7	-
Sik	14.4	14.4	14.3
Yan	-	-	-
Pendang	19.6	9.9	29.1
Pokok Sena	14.6	17.8	10.8
Kelantan¹	18.1	18.3	18.0
Bachok	16.6	23.6	9.7
Kota Bharu	20.3	19.1	21.3
Machang	15.0	5.0	24.7
Pasir Mas	14.3	24.6	4.4
Pasir Puteh	26.1	28.6	23.6
Tanah Merah	11.8	16.8	6.7
Tumpat	31.0	21.6	39.6
Gua Musang	2.6	-	5.7
Kuala Krai	13.7	9.2	18.2
Jeli	19.5	19.1	20.0
Kecil Lojing	-	-	-

Nota/ Note : ¹ Jajahan

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.8: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Melaka	3.2	4.1	2.3
Alor Gajah	5.3	10.2	-
Jasin	1.4	2.6	-
Melaka Tengah	2.9	2.0	3.8
Negeri Sembilan	14.0	13.4	14.7
Jelebu	19.3	9.0	31.3
Kuala Pilah	6.2	6.0	6.4
Port Dickson	24.0	35.9	10.8
Rembau	19.7	19.4	20.0
Seremban	9.1	8.9	9.4
Tampin	33.6	22.2	46.9
Jempol	18.0	12.7	23.7
Pahang	8.6	10.4	6.5
Bentong	5.5	9.6	-
Cameron Highlands	-	-	-
Jerantut	11.6	8.8	14.9
Kuantan	1.2	1.5	0.8
Lipis	-	-	-
Pekan	2.0	3.8	-
Raub	22.8	29.7	14.7
Temerloh	30.2	36.2	23.9
Rompin	6.7	8.3	4.9
Maran	23.3	28.5	17.7
Bera	6.8	8.5	4.9
Perak	6.8	5.7	8.0
Batang Padang	10.5	9.9	11.2
Manjung	7.0	4.9	9.2
Kinta	1.8	2.3	1.4
Kerian	5.2	2.6	8.0
Kuala Kangsar	6.5	5.2	7.8
Larut & Matang	20.4	13.9	27.1
Hilir Perak	4.5	8.4	-
Hulu Perak	29.6	19.0	41.1
Perak Tengah	2.6	-	5.3
Kampar	-	-	-
Muallim	-	-	-
Bagan Datuk	-	-	-
Selama	38.9	51.2	26.3

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.8: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	9.5	11.5	7.7
Pulau Pinang	7.6	7.2	7.9
Seberang Perai Tengah	6.1	8.1	3.9
Seberang Perai Utara	18.4	17.9	19.0
Seberang Perai Selatan	6.3	6.3	6.3
Timur Laut	2.8	2.1	3.4
Barat Daya	7.5	3.4	11.6
Sabah	4.0	4.6	3.3
Tawau	5.8	4.9	6.8
Lahad Datu	2.2	2.0	2.4
Semporna	1.6	3.0	-
Sandakan	-	-	-
Kinabatangan	3.7	3.3	4.3
Beluran	6.7	12.6	-
Kota Kinabalu	3.3	4.6	1.9
Ranau	3.0	6.0	-
Kota Belud	2.3	4.6	-
Tuaran	16.6	22.2	11.0
Penampang	2.9	2.7	3.0
Papar	3.5	6.6	-
Kudat	2.8	-	5.6
Kota Marudu	-	-	-
Pitas	6.7	12.9	-
Beaufort	-	-	-
Kuala Penyu	10.4	-	20.9
Sipitang	13.0	12.5	13.5
Tenom	9.7	9.7	9.8
Nabawan	8.8	17.1	-
Keningau	4.9	3.2	6.6
Tambunan	8.2	-	16.0
Kunak	7.6	-	16.8
Tongod	-	-	-
Putatan	11.5	22.6	-
Telupid	-	-	-
Kalabakan	-	-	-

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.8: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Sarawak	3.0	3.1	2.9
Kuching	1.7	2.1	1.3
Bau	3.9	7.5	-
Lundu	-	-	-
Samarahan	1.9	-	3.7
Serian	4.7	9.2	-
Simunjan	-	-	-
Sri Aman	6.7	-	13.9
Lubok Antu	-	-	-
Betong	-	-	-
Saratok	-	-	-
Sarikei	-	-	-
Maradong	10.3	20.9	-
Daro	22.1	20.1	24.4
Julau	-	-	-
Sibu	1.6	1.6	1.6
Dalat	10.0	-	20.5
Mukah	5.1	-	11.1
Kanowit	-	-	-
Bintulu	2.3	2.1	2.5
Tatau	-	-	-
Kapit	6.0	-	12.0
Song	-	-	-
Belaga	-	-	-
Miri	4.0	7.7	-
Marudi	-	-	-
Limbang	-	-	-
Lawas	23.9	23.1	24.7
Matu	-	-	-
Asajaya	-	-	-
Pakan	13.8	26.8	-
Selangau	9.7	-	20.7
Tebedu	-	-	-
Pusa	11.8	-	23.2
Kabong	10.5	-	20.9
Tanjung Manis	-	-	-
Sebauh	12.4	10.7	14.7
Bukit Mabong	-	-	-
Subis	-	-	-
Beluru	-	-	-
Telang Usan	-	-	-

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.8: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	4.6	5.2	4.0
Gombak	2.7	2.8	2.6
Klang	4.0	4.4	3.5
Kuala Langat	7.1	6.2	8.1
Kuala Selangor	19.8	25.2	14.3
Petaling	4.0	4.7	3.2
Sabak Bernam	37.9	36.7	39.3
Sepang	1.8	2.3	1.3
Ulu Langat	2.7	3.5	1.8
Ulu Selangor	1.6	1.6	1.7
Terengganu	30.0	30.7	29.2
Besut	30.3	31.7	28.9
Dungun	30.6	26.6	34.9
Kemaman	32.0	27.3	37.3
Kuala Terengganu	37.4	46.8	28.2
Marang	37.8	39.8	35.9
Hulu Terengganu	28.3	17.8	40.2
Setiu	12.5	8.2	16.9
Kuala Nerus	14.9	23.0	6.6
W.P. Kuala Lumpur	4.0	3.9	4.1
W.P. Labuan	-	-	-
W.P. Putrajaya	-	-	-

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.9: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022

Table 13.9: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	16.7	22.5	10.3
Johor	20.8	26.2	14.7
Batu Pahat	27.0	37.2	15.9
Johor Bahru	15.0	17.1	12.6
Kluang	32.1	45.1	16.3
Kota Tinggi	28.3	38.7	16.5
Mersing	52.8	62.5	41.6
Muar	15.2	17.8	12.1
Pontian	33.6	46.8	18.6
Segamat	17.6	22.1	12.8
Kulai	16.7	19.3	13.8
Tangkak	21.7	24.7	18.6
Kedah	22.6	33.9	11.6
Baling	30.5	47.5	13.5
Bandar Baharu	64.2	74.8	53.6
Kota Setar	21.2	29.8	13.2
Kuala Muda	19.8	27.1	12.6
Kubang Pasu	18.3	30.4	7.3
Kulim	22.2	33.7	10.7
Langkawi	34.9	59.1	10.1
Padang Terap	14.8	29.4	-
Sik	25.1	43.3	7.1
Yan	16.4	26.8	6.4
Pendang	24.5	39.6	9.7
Pokok Sena	19.5	26.7	10.8
Kelantan¹	18.4	23.5	13.4
Bachok	13.2	13.5	13.0
Kota Bharu	13.5	21.9	5.3
Machang	17.5	10.1	24.7
Pasir Mas	15.4	20.1	10.9
Pasir Puteh	30.1	40.9	19.7
Tanah Merah	11.8	13.5	10.1
Tumpat	41.4	52.5	31.1
Gua Musang	15.8	14.6	17.2
Kuala Krai	18.3	23.0	13.6
Jeli	19.5	28.7	10.0
Kecil Lojing	29.8	-	65.2

Nota/ Note : ¹ Jajahan

Jadual 13.9: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.9: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Melaka	17.3	23.0	11.0
Alor Gajah	24.5	37.5	10.8
Jasin	21.2	31.4	9.2
Melaka Tengah	13.4	15.0	11.5
Negeri Sembilan	20.6	32.9	7.4
Jelebu	4.8	9.0	-
Kuala Pilah	43.4	66.0	19.3
Port Dickson	34.3	45.7	21.7
Rembau	39.3	58.1	20.0
Seremban	10.3	17.2	3.1
Tampin	33.6	48.9	15.6
Jempol	41.0	76.3	3.4
Pahang	21.5	26.9	15.4
Bentong	22.1	28.7	13.0
Cameron Highlands	11.2	9.6	13.6
Jerantut	18.6	26.3	9.9
Kuantan	14.7	19.3	9.7
Lipis	30.9	35.5	25.6
Pekan	34.1	48.8	17.2
Raub	34.1	38.2	29.4
Temerloh	21.0	28.5	13.3
Rompin	24.7	20.7	29.6
Maran	38.2	48.8	26.5
Bera	11.4	12.7	9.8
Perak	22.6	29.9	14.9
Batang Padang	26.4	29.8	22.5
Manjung	14.8	19.7	9.2
Kinta	17.5	21.7	13.1
Kerian	35.2	38.4	31.8
Kuala Kangsar	43.9	67.0	20.7
Larut & Matang	25.9	38.7	12.8
Hilir Perak	22.3	28.0	15.8
Hulu Perak	24.7	33.3	15.4
Perak Tengah	25.7	40.2	10.5
Kampar	22.9	27.3	18.4
Muallim	11.0	21.4	-
Bagan Datuk	19.3	21.5	16.5
Selama	32.4	64.0	-

Jadual 13.9: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.9: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	21.4	34.4	9.2
Pulau Pinang	21.5	29.6	13.4
Seberang Perai Tengah	19.7	27.8	10.8
Seberang Perai Utara	31.5	44.1	19.0
Seberang Perai Selatan	27.3	46.0	8.4
Timur Laut	15.8	20.8	11.0
Barat Daya	20.1	20.3	19.9
Sabah	15.4	20.5	10.0
Tawau	7.7	12.2	2.7
Lahad Datu	11.0	12.3	9.5
Semporna	15.7	21.3	9.7
Sandakan	12.2	15.0	9.3
Kinabatangan	1.9	3.3	-
Beluran	13.4	25.2	-
Kota Kinabalu	10.9	13.0	8.7
Ranau	18.1	24.1	12.0
Kota Belud	31.8	32.4	31.3
Tuaran	31.3	40.8	21.9
Penampang	15.7	24.4	6.0
Papar	19.3	29.6	7.6
Kudat	19.6	33.5	5.6
Kota Marudu	36.0	35.8	36.1
Pitas	20.0	12.9	27.5
Beaufort	35.1	53.8	14.6
Kuala Penyu	20.9	-	41.8
Sipitang	38.9	50.0	26.9
Tenom	38.9	48.3	29.3
Nabawan	26.3	51.4	-
Keningau	13.1	22.7	3.3
Tambunan	32.7	50.0	16.0
Kunak	34.0	55.0	8.4
Tongod	6.0	11.2	-
Putatan	3.8	-	7.7
Telupid	-	-	-
Kalabakan	-	-	-

Jadual 13.9: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.9: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Sarawak	15.3	21.0	9.2
Kuching	11.2	15.0	7.4
Bau	19.4	29.9	8.1
Lundu	18.6	23.1	13.4
Samarahan	5.6	11.3	-
Serian	21.1	18.4	23.9
Simunjan	11.4	10.8	12.0
Sri Aman	23.4	25.9	20.8
Lubok Antu	46.4	60.2	31.8
Betong	37.8	50.9	23.0
Saratok	15.6	15.7	15.5
Sarikei	18.2	27.8	8.9
Maradong	20.7	41.9	-
Daro	11.0	-	24.4
Julau	40.1	80.5	-
Sibu	10.7	14.7	6.6
Dalat	30.0	58.4	-
Mukah	30.5	46.9	11.1
Kanowit	25.2	50.5	-
Bintulu	6.9	10.6	2.5
Tatau	6.3	11.3	-
Kapit	17.9	35.8	-
Song	-	-	-
Belaga	8.9	14.7	-
Miri	12.7	15.4	9.8
Marudi	-	-	-
Limbang	13.9	9.1	19.1
Lawas	29.9	46.2	12.4
Matu	-	-	-
Asajaya	19.6	38.7	-
Pakan	13.8	26.8	-
Selangau	9.7	18.3	-
Tebedu	15.8	-	33.1
Pusa	35.3	47.7	23.2
Kabong	52.6	106.1	-
Tanjung Manis	25.3	47.2	-
Sebauh	18.6	32.2	-
Bukit Mabong	37.2	30.0	49.0
Subis	17.1	24.4	7.8
Beluru	31.8	28.1	36.5
Telang Usan	57.3	64.0	49.5

Jadual 13.9: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.9: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	9.7	13.5	5.5
Gombak	9.5	12.2	6.5
Klang	9.0	12.1	5.4
Kuala Langat	16.8	23.6	9.5
Kuala Selangor	10.6	15.4	5.7
Petaling	7.5	10.1	4.5
Sabak Bernam	36.1	62.4	7.9
Sepang	4.3	5.7	2.6
Ulu Langat	10.9	16.2	5.0
Ulu Selangor	14.8	17.1	12.2
Terengganu	29.4	41.9	16.2
Besut	23.9	31.7	16.1
Dungun	30.6	44.3	15.9
Kemaman	21.7	29.2	13.2
Kuala Terengganu	31.3	44.7	18.1
Marang	43.8	63.6	23.9
Hulu Terengganu	40.9	59.4	20.1
Setiu	29.2	49.4	8.4
Kuala Nerus	24.8	36.2	13.3
W.P. Kuala Lumpur	7.9	10.6	4.7
W.P. Labuan	11.5	13.3	9.6
W.P. Putrajaya	7.3	7.7	6.9

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.10: Kadar kematian Bunuh diri mengikut daerah pentadbiran dan jantina, Malaysia, 2022

Table 13.10: Suicide mortality rate by administrative district and sex, Malaysia, 2022

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	0.02	0.04	0.01
Johor	-	-	-
Batu Pahat	-	-	-
Johor Bahru	-	-	-
Kluang	-	-	-
Kota Tinggi	-	-	-
Mersing	-	-	-
Muar	-	-	-
Pontian	-	-	-
Segamat	-	-	-
Kulai	-	-	-
Tangkak	-	-	-
Kedah	-	-	-
Baling	-	-	-
Bandar Baharu	-	-	-
Kota Setar	-	-	-
Kuala Muda	-	-	-
Kubang Pasu	-	-	-
Kulim	-	-	-
Langkawi	-	-	-
Padang Terap	-	-	-
Sik	-	-	-
Yan	-	-	-
Pendang	-	-	-
Pokok Sena	-	-	-
Kelantan¹	-	-	-
Bachok	-	-	-
Kota Bharu	-	-	-
Machang	-	-	-
Pasir Mas	-	-	-
Pasir Puteh	-	-	-
Tanah Merah	-	-	-
Tumpat	-	-	-
Gua Musang	-	-	-
Kuala Krai	-	-	-
Jeli	-	-	-
Kecil Lojing	-	-	-

Nota/ Note : ¹ Jajahan

Jadual 13.10: Kadar kematian Bunuh diri mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.10: Suicide mortality rate by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Melaka	-	-	-
Alor Gajah	-	-	-
Jasin	-	-	-
Melaka Tengah	-	-	-
Negeri Sembilan	-	-	-
Jelebu	-	-	-
Kuala Pilah	-	-	-
Port Dickson	-	-	-
Rembau	-	-	-
Seremban	-	-	-
Tampin	-	-	-
Jempol	-	-	-
Pahang	-	-	-
Bentong	-	-	-
Cameron Highlands	-	-	-
Jerantut	-	-	-
Kuantan	-	-	-
Lipis	-	-	-
Pekan	-	-	-
Raub	-	-	-
Temerloh	-	-	-
Rompin	-	-	-
Maran	-	-	-
Bera	-	-	-
Perak	-	-	-
Batang Padang	-	-	-
Manjung	-	-	-
Kinta	-	-	-
Kerian	-	-	-
Kuala Kangsar	-	-	-
Larut & Matang	-	-	-
Hilir Perak	-	-	-
Hulu Perak	-	-	-
Perak Tengah	-	-	-
Kampar	-	-	-
Muallim	-	-	-
Bagan Datuk	-	-	-
Selama	-	-	-

Jadual 13.10: Kadar kematian Bunuh diri mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.10: Suicide mortality rate by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Perlis	-	-	-
Pulau Pinang	-	-	-
Seberang Perai Tengah	-	-	-
Seberang Perai Utara	-	-	-
Seberang Perai Selatan	-	-	-
Timur Laut	-	-	-
Barat Daya	-	-	-
Sabah	-	-	-
Tawau	-	-	-
Lahad Datu	-	-	-
Semporna	-	-	-
Sandakan	-	-	-
Kinabatangan	-	-	-
Beluran	-	-	-
Kota Kinabalu	-	-	-
Ranau	-	-	-
Kota Belud	-	-	-
Tuaran	-	-	-
Penampang	-	-	-
Papar	-	-	-
Kudat	-	-	-
Kota Marudu	-	-	-
Pitas	-	-	-
Beaufort	-	-	-
Kuala Penyu	-	-	-
Sipitang	-	-	-
Tenom	-	-	-
Nabawan	-	-	-
Keningau	-	-	-
Tambunan	-	-	-
Kunak	-	-	-
Tongod	-	-	-
Putatan	-	-	-
Telupid	-	-	-
Kalabakan	-	-	-

Jadual 13.10: Kadar kematian Bunuh diri mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.10: Suicide mortality rate by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Sarawak	0.08	0.08	0.08
Kuching	-	-	-
Bau	-	-	-
Lundu	-	-	-
Samarahan	-	-	-
Serian	-	-	-
Simunjan	-	-	-
Sri Aman	-	-	-
Lubok Antu	-	-	-
Betong	2.74	-	5.69
Saratok	-	-	-
Sarikei	-	-	-
Maradong	-	-	-
Daro	-	-	-
Julau	-	-	-
Sibu	-	-	-
Dalat	-	-	-
Mukah	-	-	-
Kanowit	-	-	-
Bintulu	-	-	-
Tatau	-	-	-
Kapit	-	-	-
Song	-	-	-
Belaga	-	-	-
Miri	-	-	-
Marudi	-	-	-
Limbang	-	-	-
Lawas	-	-	-
Matu	-	-	-
Asajaya	-	-	-
Pakan	-	-	-
Selangau	-	-	-
Tebedu	3.96	7.80	-
Pusa	-	-	-
Kabong	-	-	-
Tanjung Manis	-	-	-
Sebauh	-	-	-
Bukit Mabong	-	-	-
Subis	-	-	-
Beluru	-	-	-
Telang Usan	-	-	-

Jadual 13.10: Kadar kematian Bunuh diri mengikut daerah pentadbiran dan jantina, Malaysia, 2022 (samb.)

Table 13.10: Suicide mortality rate by administrative district and sex, Malaysia, 2022 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Selangor	0.04	0.08	-
Gombak	-	-	-
Klang	0.09	0.17	-
Kuala Langat	-	-	-
Kuala Selangor	0.35	0.68	-
Petaling	-	-	-
Sabak Bernam	0.93	1.78	-
Sepang	-	-	-
Ulu Langat	-	-	-
Ulu Selangor	-	-	-
Terengganu	0.17	0.33	-
Besut	-	-	-
Dungun	0.62	1.20	-
Kemaman	-	-	-
Kuala Terengganu	-	-	-
Marang	-	-	-
Hulu Terengganu	-	-	-
Setiu	-	-	-
Kuala Nerus	0.66	1.33	-
W.P. Kuala Lumpur	-	-	-
W.P. Labuan	1.03	2.01	-
W.P. Putrajaya	-	-	-

Kadar adalah bagi setiap 100,000 penduduk

The rates are per 100,000 population



SIRI MASA SEBAB KEMATIAN *TIME SERIES OF CAUSES OF DEATHS*



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) Malaysia, 2000-2022

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified) Malaysia, 2000-2022

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2000	1. <i>Ischaemic heart diseases</i>	4,546	11.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	26,559	43.2
	2. <i>Cerebrovascular diseases</i>	3,237	8.2	Lelah <i>Asthma</i>	3,593	5.8
	3. <i>Transport accidents</i>	2,908	7.4	Demam <i>Fever</i>	2,101	3.4
	4. <i>Septicaemia</i>	2,741	7.0	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1,366	2.2
	5. <i>Pneumonia</i>	1,822	4.6	Darah tinggi <i>Hypertension</i>	1,214	2.0
	Keseluruhan sebab <i>All causes</i>	39,282		Keseluruhan sebab <i>All causes</i>	61,425	
2001	1. <i>Ischaemic heart diseases</i>	5,207	11.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	26,969	45.2
	2. <i>Cerebrovascular diseases</i>	3,651	8.1	Lelah <i>Asthma</i>	3,295	5.5
	3. <i>Septicaemia</i>	3,171	7.1	Demam <i>Fever</i>	2,219	3.7
	4. <i>Transport accidents</i>	3,093	6.9	Kencing manis <i>Diabetes mellitus</i>	1,160	1.9
	5. <i>Pneumonia</i>	2,374	5.3	Darah tinggi <i>Hypertension</i>	1,084	1.8
	Keseluruhan sebab <i>All causes</i>	44,820		Keseluruhan sebab <i>All causes</i>	59,711	
2002	1. <i>Ischaemic heart diseases</i>	5,774	11.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	29,258	47.3
	2. <i>Cerebrovascular diseases</i>	3,795	7.8	Lelah <i>Asthma</i>	3,347	5.4
	3. <i>Septicaemia</i>	3,533	7.3	Demam <i>Fever</i>	2,052	3.3
	4. <i>Transport accidents</i>	3,265	6.7	Kencing manis <i>Diabetes mellitus</i>	1,236	2.0
	5. <i>Pneumonia</i>	2,539	5.2	Darah tinggi <i>Hypertension</i>	1,100	1.8
	Keseluruhan sebab <i>All causes</i>	48,536		Keseluruhan sebab <i>All causes</i>	61,831	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2003	1. <i>Ischaemic heart diseases</i>	5,957	11.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	30,952	49.5
	2. <i>Septicaemia</i>	4,377	8.7	Lelah <i>Asthma</i>	3,338	5.3
	3. <i>Cerebrovascular diseases</i>	3,974	7.9	Demam <i>Fever</i>	1,790	2.9
	4. <i>Transport accidents</i>	3,603	7.2	Kencing manis <i>Diabetes mellitus</i>	1,374	2.2
	5. <i>Pneumonia</i>	2,718	5.4	Darah tinggi <i>Hypertension</i>	1,147	1.8
	Keseluruhan sebab <i>All causes</i>	50,178		Keseluruhan sebab <i>All causes</i>	62,566	
2004	1. <i>Ischaemic heart diseases</i>	6,267	12.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	30,649	50.2
	2. <i>Septicaemia</i>	4,478	8.6	Lelah <i>Asthma</i>	3,440	5.6
	3. <i>Cerebrovascular diseases</i>	4,030	7.7	Demam <i>Fever</i>	1,476	2.4
	4. <i>Transport accidents</i>	3,615	6.9	Kencing manis <i>Diabetes mellitus</i>	1,311	2.1
	5. <i>Pneumonia</i>	2,966	5.7	Darah tinggi <i>Hypertension</i>	1,132	1.9
	Keseluruhan sebab <i>All causes</i>	52,168		Keseluruhan sebab <i>All causes</i>	61,024	
2005	1. <i>Ischaemic heart diseases</i>	7,074	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	31,789	52.2
	2. <i>Cerebrovascular diseases</i>	4,289	7.9	Lelah <i>Asthma</i>	3,678	6.0
	3. <i>Septicaemia</i>	4,044	7.4	Kencing manis <i>Diabetes mellitus</i>	1,603	2.6
	4. <i>Transport accidents</i>	3,721	6.8	Demam <i>Fever</i>	1,261	2.1
	5. <i>Pneumonia</i>	3,297	6.0	Darah tinggi <i>Hypertension</i>	1,252	2.1
	Keseluruhan sebab <i>All causes</i>	54,560		Keseluruhan sebab <i>All causes</i>	60,876	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2006	1. <i>Ischaemic heart diseases</i>	7,836	13.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	31,465	51.6
	2. <i>Cerebrovascular diseases</i>	4,285	7.5	Lelah <i>Asthma</i>	3,688	6.0
	3. <i>Septicaemia</i>	4,053	7.1	Kencing manis <i>Diabetes mellitus</i>	1,759	2.9
	4. <i>Transport accidents</i>	3,908	6.9	Darah tinggi <i>Hypertension</i>	1,306	2.1
	5. <i>Pneumonia</i>	3,602	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,192	2.0
	Keseluruhan sebab <i>All causes</i>	56,777		Keseluruhan sebab <i>All causes</i>	61,001	
2007	1. <i>Ischaemic heart diseases</i>	8,776	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	31,871	52.6
	2. <i>Cerebrovascular diseases</i>	4,465	7.4	Lelah <i>Asthma</i>	3,594	5.9
	3. <i>Pneumonia</i>	4,249	7.1	Kencing manis <i>Diabetes mellitus</i>	1,633	2.7
	4. <i>Transport accidents</i>	3,990	6.6	Darah tinggi <i>Hypertension</i>	1,319	2.2
	5. <i>Septicaemia</i>	3,975	6.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,209	2.0
	Keseluruhan sebab <i>All causes</i>	60,096		Keseluruhan sebab <i>All causes</i>	60,574	
2008	1. <i>Ischaemic heart diseases</i>	9,435	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	33,545	53.7
	2. <i>Pneumonia</i>	5,254	8.1	Lelah <i>Asthma</i>	3,671	5.9
	3. <i>Cerebrovascular diseases</i>	4,637	7.2	Kencing manis <i>Diabetes mellitus</i>	1,614	2.6
	4. <i>Transport accidents</i>	4,290	6.6	Darah tinggi <i>Hypertension</i>	1,411	2.3
	5. <i>Septicaemia</i>	3,735	5.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,309	2.1
	Keseluruhan sebab <i>All causes</i>	64,587		Keseluruhan sebab <i>All causes</i>	62,511	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2009	1. Ischaemic heart diseases	9,361	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34,851	54.6
	2. Pneumonia	6,106	9.0	Lelah <i>Asthma</i>	3,538	5.5
	3. Transport accidents	4,585	6.8	Kencing manis <i>Diabetes mellitus</i>	1,809	2.8
	4. Cerebrovascular diseases	4,511	6.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,308	2.0
	5. Septicaemia	4,217	6.2	Darah tinggi <i>Hypertension</i>	1,264	2.0
	Keseluruhan sebab <i>All causes</i>	67,488		Keseluruhan sebab <i>All causes</i>	63,840	
2010	1. Ischaemic heart diseases	9,371	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34,130	54.6
	2. Pneumonia	6,504	9.5	Lelah <i>Asthma</i>	3,188	5.1
	3. Cerebrovascular diseases	4,763	7.0	Kencing manis <i>Diabetes mellitus</i>	1,738	2.8
	4. Transport accidents	4,683	6.8	Darah tinggi <i>Hypertension</i>	1,407	2.3
	5. Septicaemia	4,526	6.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,281	2.1
	Keseluruhan sebab <i>All causes</i>	68,518		Keseluruhan sebab <i>All causes</i>	62,460	
2011	1. Ischaemic heart diseases	10,004	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,840	55.5
	2. Pneumonia	7,518	10.6	Lelah <i>Asthma</i>	2,999	4.6
	3. Cerebrovascular diseases	5,112	7.2	Kencing manis <i>Diabetes mellitus</i>	1,709	2.6
	4. Septicaemia	4,540	6.4	Darah tinggi <i>Hypertension</i>	1,439	2.2
	5. Transport accidents	4,502	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,319	2.0
	Keseluruhan sebab <i>All causes</i>	70,835		Keseluruhan sebab <i>All causes</i>	64,628	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2012	1. <i>Ischaemic heart diseases</i>	10,091	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37,353	55.9
	2. <i>Pneumonia</i>	8,031	11.2	Lelah <i>Asthma</i>	2,970	4.4
	3. <i>Cerebrovascular diseases</i>	5,220	7.3	Kencing manis <i>Diabetes mellitus</i>	1,865	2.8
	4. <i>Septicaemia</i>	4,698	6.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,595	2.4
	5. <i>Transport accidents</i>	4,566	6.4	Darah tinggi <i>Hypertension</i>	1,502	2.2
	Keseluruhan sebab <i>All causes</i>	71,848		Keseluruhan sebab <i>All causes</i>	66,844	
2013	1. <i>Ischaemic heart diseases</i>	10,169	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37,068	54.5
	2. <i>Pneumonia</i>	9,142	12.3	Lelah <i>Asthma</i>	2,823	4.1
	3. <i>Cerebrovascular diseases</i>	5,156	7.0	Kencing manis <i>Diabetes mellitus</i>	1,869	2.7
	4. <i>Septicaemia</i>	4,611	6.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,721	2.5
	5. <i>Transport accidents</i>	4,538	6.1	Darah tinggi <i>Hypertension</i>	1,603	2.4
	Keseluruhan sebab <i>All causes</i>	74,147		Keseluruhan sebab <i>All causes</i>	68,055	
2014	1. <i>Ischaemic heart diseases</i>	10,432	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	38,065	52.2
	2. <i>Pneumonia</i>	9,250	12.0	Kencing manis <i>Diabetes mellitus</i>	2,161	3.0
	3. <i>Cerebrovascular diseases</i>	5,474	7.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,804	2.5
	4. <i>Septicaemia</i>	4,698	6.1	Darah tinggi <i>Hypertension</i>	1,755	2.4
	5. <i>Transport accidents</i>	4,304	5.6	Lelah <i>Asthma</i>	1,728	2.4
	Keseluruhan sebab <i>All causes</i>	77,365		Keseluruhan sebab <i>All causes</i>	72,953	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2015	1. Ischaemic heart diseases	11,018	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37,869	50.4
	2. Pneumonia	10,200	12.6	Kencing manis <i>Diabetes mellitus</i>	2,233	3.0
	3. Cerebrovascular diseases	5,678	7.0	Darah tinggi <i>Hypertension</i>	2,009	2.7
	4. Transport accidents	4,196	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,891	2.5
	5. Malignant neoplasm of trachea, bronchus and lung	1,809	2.2	Lelah <i>Asthma</i>	1,677	2.2
	Keseluruhan sebab <i>All causes</i>	80,691		Keseluruhan sebab <i>All causes</i>	75,095	
2016	1. Ischaemic heart diseases	11,310	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	38,452	50.2
	2. Pneumonia	10,678	12.5	Kencing manis <i>Diabetes mellitus</i>	2,286	3.0
	3. Cerebrovascular diseases	5,876	6.9	Darah tinggi <i>Hypertension</i>	2,090	2.7
	4. Transport accidents	4,640	5.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,018	2.6
	5. Malignant neoplasm of trachea, bronchus and lung	1,850	2.2	Lelah <i>Asthma</i>	1,635	2.1
	Keseluruhan sebab <i>All causes</i>	85,637		Keseluruhan sebab <i>All causes</i>	76,564	
2017	1. Ischaemic heart diseases	13,503	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,057	49.6
	2. Pneumonia	12,365	12.7	Kencing manis <i>Diabetes mellitus</i>	2,243	3.2
	3. Cerebrovascular diseases	6,878	7.1	Darah tinggi <i>Hypertension</i>	2,187	3.1
	4. Transport accidents	4,499	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,871	2.6
	5. Malignant neoplasm of trachea, bronchus and lung	2,251	2.3	Lelah <i>Asthma</i>	1,328	1.9
	Keseluruhan sebab <i>All causes</i>	97,440		Keseluruhan sebab <i>All causes</i>	70,728	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2018	1. Ischaemic heart diseases	18,267	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	25,549	46.8
	2. Pneumonia	13,804	11.8	Darah tinggi <i>Hypertension</i>	2,131	3.9
	3. Cerebrovascular diseases	9,154	7.8	Kencing manis <i>Diabetes mellitus</i>	1,889	3.5
	4. Transport accidents	4,391	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,483	2.7
	5. Chronic lower respiratory diseases	3,074	2.6	Lelah <i>Asthma</i>	1,043	1.9
	Keseluruhan sebab <i>All causes</i>	117,387		Keseluruhan sebab <i>All causes</i>	54,644	
2019	1. Ischaemic heart diseases	16,336	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	30,729	47.4
	2. Pneumonia	13,384	12.2	Darah tinggi <i>Hypertension</i>	2,397	3.7
	3. Cerebrovascular diseases	8,699	7.9	Kencing manis <i>Diabetes mellitus</i>	1,999	3.1
	4. Transport accidents	4,201	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,715	2.6
	5. Malignant neoplasm of trachea, bronchus and lung	2,606	2.4	Lelah <i>Asthma</i>	1,079	1.7
	Keseluruhan sebab <i>All causes</i>	109,441		Keseluruhan sebab <i>All causes</i>	64,813	
2020	1. Ischaemic heart diseases	18,526	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	26,108	45.4
	2. Pneumonia	12,424	11.3	Darah tinggi <i>Hypertension</i>	2,196	3.8
	3. Cerebrovascular diseases	9,105	8.3	Kencing manis <i>Diabetes mellitus</i>	1,756	3.1
	4. Transport accidents	3,169	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,368	2.4
	5. Malignant neoplasm of trachea, bronchus and lung	2,742	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	740	1.3
	Keseluruhan sebab <i>All causes</i>	109,475		Keseluruhan sebab <i>All causes</i>	57,495	

Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2022 (samb.)

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
 Malaysia, 2000-2022 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
2021	1. COVID-19 infection (due to)	31,063	19.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	29,910	44.4
	2. Ischaemic heart diseases	21,485	13.7	Darah tinggi <i>Hypertension</i>	3,309	4.9
	3. Pneumonia	17,503	11.1	Kencing manis <i>Diabetes mellitus</i>	2,126	3.2
	4. Cerebrovascular diseases	10,181	6.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,581	2.3
	5. Transport accidents	3,062	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	812	1.2
	Keseluruhan sebab <i>All causes</i>	157,251		Keseluruhan sebab <i>All causes</i>	67,318	
2022	1. Ischaemic heart diseases	20,322	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,679	44.5
	2. Pneumonia	16,770	13.3	Darah tinggi <i>Hypertension</i>	3,911	4.9
	3. Cerebrovascular diseases	9,149	7.2	Kencing manis <i>Diabetes mellitus</i>	2,619	3.3
	4. COVID-19 infection (due to)	5,314	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,109	2.6
	5. Transport accidents	4,012	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,024	1.3
	Keseluruhan sebab <i>All causes</i>	126,268		Keseluruhan sebab <i>All causes</i>	80,257	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2000	1. <i>Ischaemic heart diseases</i>	3,047	12.1	<i>Ischaemic heart diseases</i>	1,499	10.7
	2. <i>Transport accidents</i>	2,443	9.7	<i>Cerebrovascular diseases</i>	1,449	10.3
	3. <i>Cerebrovascular diseases</i>	1,788	7.1	<i>Septicaemia</i>	1,129	8.0
	4. <i>Septicaemia</i>	1,612	6.4	<i>Pneumonia</i>	675	4.8
	5. <i>Pneumonia</i>	1,147	4.5	<i>Transport accidents</i>	465	3.3
	Keseluruhan sebab <i>All causes</i>	25,223		Keseluruhan sebab <i>All causes</i>	14,059	
2001	1. <i>Ischaemic heart diseases</i>	3,514	12.4	<i>Cerebrovascular diseases</i>	1,697	10.3
	2. <i>Transport accidents</i>	2,577	9.1	<i>Ischaemic heart diseases</i>	1,693	10.3
	3. <i>Cerebrovascular diseases</i>	1,954	6.9	<i>Septicaemia</i>	1,357	8.3
	4. <i>Septicaemia</i>	1,814	6.4	<i>Pneumonia</i>	882	5.4
	5. <i>Pneumonia</i>	1,492	5.3	<i>Certain conditions originating in the perinatal period</i>	560	3.4
	Keseluruhan sebab <i>All causes</i>	28,413		Keseluruhan sebab <i>All causes</i>	16,407	
2002	1. <i>Ischaemic heart diseases</i>	3,800	12.4	<i>Ischaemic heart diseases</i>	1,974	11.1
	2. <i>Transport accidents</i>	2,760	9.0	<i>Cerebrovascular diseases</i>	1,727	9.7
	3. <i>Cerebrovascular diseases</i>	2,068	6.7	<i>Septicaemia</i>	1,495	8.4
	4. <i>Septicaemia</i>	2,038	6.6	<i>Pneumonia</i>	978	5.5
	5. <i>Pneumonia</i>	1,561	5.1	<i>Transport accidents</i>	505	2.8
	Keseluruhan sebab <i>All causes</i>	30,703		Keseluruhan sebab <i>All causes</i>	17,833	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2003	1. <i>Ischaemic heart diseases</i>	4,002	12.6	<i>Ischaemic heart diseases</i>	1,955	10.6
	2. <i>Transport accidents</i>	3,080	9.7	<i>Septicaemia</i>	1,915	10.4
	3. <i>Septicaemia</i>	2,462	7.7	<i>Cerebrovascular diseases</i>	1,839	10.0
	4. <i>Cerebrovascular diseases</i>	2,135	6.7	<i>Pneumonia</i>	1,079	5.9
	5. <i>Pneumonia</i>	1,639	5.2	<i>Transport accidents</i>	523	2.8
	Keseluruhan sebab <i>All causes</i>	31,802		Keseluruhan sebab <i>All causes</i>	18,376	
2004	1. <i>Ischaemic heart diseases</i>	4,309	13.0	<i>Septicaemia</i>	2,002	10.6
	2. <i>Transport accidents</i>	3,066	9.2	<i>Ischaemic heart diseases</i>	1,958	10.3
	3. <i>Septicaemia</i>	2,476	7.4	<i>Cerebrovascular diseases</i>	1,761	9.3
	4. <i>Cerebrovascular diseases</i>	2,269	6.8	<i>Pneumonia</i>	1,180	6.2
	5. <i>Pneumonia</i>	1,786	5.4	<i>Transport accidents</i>	549	2.9
	Keseluruhan sebab <i>All causes</i>	33,249		Keseluruhan sebab <i>All causes</i>	18,919	
2005	1. <i>Ischaemic heart diseases</i>	4,787	13.9	<i>Ischaemic heart diseases</i>	2,287	11.4
	2. <i>Transport accidents</i>	3,109	9.0	<i>Cerebrovascular diseases</i>	1,885	9.4
	3. <i>Cerebrovascular diseases</i>	2,404	7.0	<i>Septicaemia</i>	1,778	8.8
	4. <i>Septicaemia</i>	2,266	6.6	<i>Pneumonia</i>	1,353	6.7
	5. <i>Pneumonia</i>	1,944	5.6	<i>Transport accidents</i>	612	3.0
	Keseluruhan sebab <i>All causes</i>	34,431		Keseluruhan sebab <i>All causes</i>	20,129	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2006	1. Ischaemic heart diseases	5,301	14.8	Ischaemic heart diseases	2,535	12.1
	2. Transport accidents	3,313	9.3	Cerebrovascular diseases	1,925	9.2
	3. Cerebrovascular diseases	2,360	6.6	Septicaemia	1,811	8.6
	4. Septicaemia	2,242	6.3	Pneumonia	1,472	7.0
	5. Pneumonia	2,130	6.0	Malignant neoplasm of breast	677	3.2
	Keseluruhan sebab All causes	35,768		Keseluruhan sebab All causes	21,009	
2007	1. Ischaemic heart diseases	6,004	15.9	Ischaemic heart diseases	2,772	12.5
	2. Transport accidents	3,307	8.7	Cerebrovascular diseases	1,958	8.8
	3. Cerebrovascular diseases	2,507	6.6	Septicaemia	1,810	8.1
	4. Pneumonia	2,455	6.5	Pneumonia	1,794	8.1
	5. Septicaemia	2,165	5.7	Malignant neoplasm of breast	742	3.3
	Keseluruhan sebab All causes	37,873		Keseluruhan sebab All causes	22,223	
2008	1. Ischaemic heart diseases	6,474	15.9	Ischaemic heart diseases	2,961	12.4
	2. Transport accidents	3,588	8.8	Pneumonia	2,196	9.2
	3. Pneumonia	3,058	7.5	Cerebrovascular diseases	2,073	8.7
	4. Cerebrovascular diseases	2,564	6.3	Septicaemia	1,574	6.6
	5. Septicaemia	2,161	5.3	Malignant neoplasm of breast	821	3.4
	Keseluruhan sebab All causes	40,759		Keseluruhan sebab All causes	23,828	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2009	1. <i>Ischaemic heart diseases</i>	6,411	15.1	<i>Ischaemic heart diseases</i>	2,950	11.8
	2. <i>Transport accidents</i>	3,835	9.0	<i>Pneumonia</i>	2,566	10.3
	3. <i>Pneumonia</i>	3,540	8.3	<i>Cerebrovascular diseases</i>	1,972	7.9
	4. <i>Cerebrovascular diseases</i>	2,539	6.0	<i>Septicaemia</i>	1,812	7.3
	5. <i>Septicaemia</i>	2,405	5.7	<i>Malignant neoplasm of breast</i>	870	3.5
	Keseluruhan sebab <i>All causes</i>	42,516		Keseluruhan sebab <i>All causes</i>	24,972	
2010	1. <i>Ischaemic heart diseases</i>	6,447	14.9	<i>Ischaemic heart diseases</i>	2,924	11.5
	2. <i>Transport accidents</i>	3,934	9.1	<i>Pneumonia</i>	2,624	10.3
	3. <i>Pneumonia</i>	3,880	9.0	<i>Cerebrovascular diseases</i>	2,107	8.3
	4. <i>Cerebrovascular diseases</i>	2,656	6.2	<i>Septicaemia</i>	2,021	8.0
	5. <i>Septicaemia</i>	2,505	5.8	<i>Malignant neoplasm of breast</i>	864	3.4
	Keseluruhan sebab <i>All causes</i>	43,142		Keseluruhan sebab <i>All causes</i>	25,376	
2011	1. <i>Ischaemic heart diseases</i>	6,933	15.6	<i>Pneumonia</i>	3,120	11.8
	2. <i>Pneumonia</i>	4,398	9.9	<i>Ischaemic heart diseases</i>	3,071	11.6
	3. <i>Transport accidents</i>	3,768	8.5	<i>Cerebrovascular diseases</i>	2,218	8.4
	4. <i>Cerebrovascular diseases</i>	2,894	6.5	<i>Septicaemia</i>	1,985	7.5
	5. <i>Septicaemia</i>	2,555	5.8	<i>Malignant neoplasm of breast</i>	905	3.4
	Keseluruhan sebab <i>All causes</i>	44,372		Keseluruhan sebab <i>All causes</i>	26,463	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2012	1. Ischaemic heart diseases	6,967	15.5	Pneumonia	3,346	12.4
	2. Pneumonia	4,685	10.4	Ischaemic heart diseases	3,124	11.6
	3. Transport accidents	3,860	8.6	Cerebrovascular diseases	2,193	8.1
	4. Cerebrovascular diseases	3,027	6.7	Septicaemia	2,053	7.6
	5. Septicaemia	2,645	5.9	Malignant neoplasm of breast	972	3.6
	Keseluruhan sebab <i>All causes</i>	44,920		Keseluruhan sebab <i>All causes</i>	26,928	
2013	1. Ischaemic heart diseases	7,016	15.2	Pneumonia	3,798	13.6
	2. Pneumonia	5,344	11.6	Ischaemic heart diseases	3,153	11.3
	3. Transport accidents	3,852	8.3	Cerebrovascular diseases	2,177	7.8
	4. Cerebrovascular diseases	2,979	6.4	Septicaemia	2,009	7.2
	5. Septicaemia	2,602	5.6	Malignant neoplasm of breast	1,028	3.7
	Keseluruhan sebab <i>All causes</i>	46,229		Keseluruhan sebab <i>All causes</i>	27,918	
2014	1. Ischaemic heart diseases	7,295	15.2	Pneumonia	3,917	13.3
	2. Pneumonia	5,333	11.1	Ischaemic heart diseases	3,137	10.6
	3. Transport accidents	3,636	7.6	Cerebrovascular diseases	2,304	7.8
	4. Cerebrovascular diseases	3,170	6.6	Septicaemia	2,071	7.0
	5. Septicaemia	2,627	5.5	Malignant neoplasm of breast	1,060	3.6
	Keseluruhan sebab <i>All causes</i>	47,871		Keseluruhan sebab <i>All causes</i>	29,494	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2015	1. Ischaemic heart diseases	7,691	15.5	Pneumonia	4,396	14.1
	2. Pneumonia	5,804	11.7	Ischaemic heart diseases	3,327	10.7
	3. Transport accidents	3,496	7.1	Cerebrovascular diseases	2,443	7.8
	4. Cerebrovascular diseases	3,235	6.5	Malignant neoplasm of breast	1,067	3.4
	5. Malignant neoplasm of trachea, bronchus and lung	1,246	2.5	Transport accidents	700	2.2
	Keseluruhan sebab <i>All causes</i>	49,526		Keseluruhan sebab <i>All causes</i>	31,165	
2016	1. Ischaemic heart diseases	8,033	15.3	Pneumonia	4,637	14.0
	2. Pneumonia	6,041	11.5	Ischaemic heart diseases	3,277	9.9
	3. Transport accidents	3,923	7.5	Cerebrovascular diseases	2,507	7.6
	4. Cerebrovascular diseases	3,369	6.4	Malignant neoplasm of breast	1,249	3.8
	5. Malignant neoplasm of trachea, bronchus and lung	1,287	2.4	Transport accidents	717	2.2
	Keseluruhan sebab <i>All causes</i>	52,617		Keseluruhan sebab <i>All causes</i>	33,020	
2017	1. Ischaemic heart diseases	9,496	16.0	Pneumonia	5,371	14.1
	2. Pneumonia	6,994	11.8	Ischaemic heart diseases	4,007	10.5
	3. Transport accidents	3,836	6.5	Cerebrovascular diseases	3,067	8.0
	4. Cerebrovascular diseases	3,811	6.4	Malignant neoplasm of breast	1,679	4.4
	5. Malignant neoplasm of trachea, bronchus and lung	1,573	2.7	Malignant neoplasm of trachea, bronchus and lung	678	1.8
	Keseluruhan sebab <i>All causes</i>	59,290		Keseluruhan sebab <i>All causes</i>	38,150	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2018	1. Ischaemic heart diseases	12,510	17.8	Pneumonia	6,033	12.8
	2. Pneumonia	7,771	11.1	Ischaemic heart diseases	5,757	12.2
	3. Cerebrovascular diseases	5,067	7.2	Cerebrovascular diseases	4,087	8.7
	4. Transport accidents	3,718	5.3	Malignant neoplasm of breast	1,968	4.2
	5. Chronic lower respiratory diseases	2,067	2.9	Diabetes mellitus	1,512	3.2
	Keseluruhan sebab <i>All causes</i>	70,205		Keseluruhan sebab <i>All causes</i>	47,182	
2019	1. Ischaemic heart diseases	11,339	17.3	Pneumonia	5,793	13.2
	2. Pneumonia	7,591	11.6	Ischaemic heart diseases	4,997	11.4
	3. Cerebrovascular diseases	4,902	7.5	Cerebrovascular diseases	3,797	8.7
	4. Transport accidents	3,572	5.4	Malignant neoplasm of breast	1,865	4.3
	5. Malignant neoplasm of trachea, bronchus and lung	1,802	2.7	Diabetes mellitus	1,051	2.4
	Keseluruhan sebab <i>All causes</i>	65,635		Keseluruhan sebab <i>All causes</i>	43,806	
2020	1. Ischaemic heart diseases	12,717	19.2	Ischaemic heart diseases	5,809	13.4
	2. Pneumonia	7,357	11.1	Pneumonia	5,067	11.7
	3. Cerebrovascular diseases	5,070	7.7	Cerebrovascular diseases	4,035	9.3
	4. Transport accidents	2,724	4.1	Malignant neoplasm of breast	1,943	4.5
	5. Malignant neoplasm of trachea, bronchus and lung	1,828	2.8	Diabetes mellitus	1,086	2.5
	Keseluruhan sebab <i>All causes</i>	66,120		Keseluruhan sebab <i>All causes</i>	43,355	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2021	1. COVID-19 infection (due to)	17,708	19.1	COVID-19 infection (due to)	13,355	20.8
	2. Ischaemic heart diseases	14,532	15.6	Pneumonia	7,419	11.5
	3. Pneumonia	10,084	10.8	Ischaemic heart diseases	6,953	10.8
	4. Cerebrovascular diseases	5,712	6.1	Cerebrovascular diseases	4,469	7.0
	5. Transport accidents	2,662	2.9	Malignant neoplasm of breast	1,920	3.0
	Keseluruhan sebab <i>All causes</i>	92,950		Keseluruhan sebab <i>All causes</i>	64,301	
2022	1. Ischaemic heart diseases	13,817	18.2	Pneumonia	7,201	14.3
	2. Pneumonia	9,569	12.6	Ischaemic heart diseases	6,505	12.9
	3. Cerebrovascular diseases	5,156	6.8	Cerebrovascular diseases	3,993	7.9
	4. Transport accidents	3,451	4.6	COVID-19 infection (due to)	2,254	4.5
	5. COVID-19 infection (due to)	3,060	4.0	Malignant neoplasm of breast	1,910	3.8
	Keseluruhan sebab <i>All causes</i>	75,738		Keseluruhan sebab <i>All causes</i>	50,530	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2000	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	12,195	36.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,364	50.7
	2. Lelah <i>Asthma</i>	2,137	6.5	Lelah <i>Asthma</i>	1,456	5.1
	3. Demam <i>Fever</i>	1,201	3.6	Demam <i>Fever</i>	900	3.2
	4. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1,130	3.4	Darah tinggi <i>Hypertension</i>	556	2.0
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	686	2.1	Kencing manis <i>Diabetes mellitus</i>	540	1.9
	Keseluruhan sebab <i>All causes</i>	33,080		Keseluruhan sebab <i>All causes</i>	28,345	
2001	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	12,289	38.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,680	52.4
	2. Lelah <i>Asthma</i>	2,006	6.3	Lelah <i>Asthma</i>	1,289	4.6
	3. Demam <i>Fever</i>	1,280	4.0	Demam <i>Fever</i>	939	3.4
	4. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	871	2.7	Kencing manis <i>Diabetes mellitus</i>	558	2.0
	5. Kencing manis <i>Diabetes mellitus</i>	602	1.9	Darah tinggi <i>Hypertension</i>	510	1.8
	Keseluruhan sebab <i>All causes</i>	31,695		Keseluruhan sebab <i>All causes</i>	28,016	
2002	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,500	41.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	15,758	54.1
	2. Lelah <i>Asthma</i>	2,031	6.2	Lelah <i>Asthma</i>	1,316	4.5
	3. Demam <i>Fever</i>	1,152	3.5	Demam <i>Fever</i>	900	3.1
	4. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	780	2.4	Kencing manis <i>Diabetes mellitus</i>	589	2.0
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	691	2.1	Darah tinggi <i>Hypertension</i>	491	1.7
	Keseluruhan sebab <i>All causes</i>	32,681		Keseluruhan sebab <i>All causes</i>	29,150	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2003	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,270	43.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,682	56.8
	2. Lelah <i>Asthma</i>	2,061	6.2	Lelah <i>Asthma</i>	1,277	4.3
	3. Demam <i>Fever</i>	1,024	3.1	Demam <i>Fever</i>	766	2.6
	4. Kencing manis <i>Diabetes mellitus</i>	745	2.2	Kencing manis <i>Diabetes mellitus</i>	629	2.1
	5. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and</i>	731	2.2	Darah tinggi <i>Hypertension</i>	539	1.8
	Keseluruhan sebab <i>All causes</i>	33,185		Keseluruhan sebab <i>All causes</i>	29,381	
2004	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,903	43.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,746	58.0
	2. Lelah <i>Asthma</i>	2,103	6.5	Lelah <i>Asthma</i>	1,337	4.6
	3. Demam <i>Fever</i>	867	2.7	Kencing manis <i>Diabetes mellitus</i>	651	2.3
	4. Kencing manis <i>Diabetes mellitus</i>	660	2.1	Demam <i>Fever</i>	609	2.1
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	637	2.0	Darah tinggi <i>Hypertension</i>	530	1.8
	Keseluruhan sebab <i>All causes</i>	32,153		Keseluruhan sebab <i>All causes</i>	28,871	
2005	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,453	45.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,336	59.6
	2. Lelah <i>Asthma</i>	2,158	6.8	Lelah <i>Asthma</i>	1,520	5.2
	3. Kencing manis <i>Diabetes mellitus</i>	793	2.5	Kencing manis <i>Diabetes mellitus</i>	810	2.8
	4. Demam <i>Fever</i>	682	2.1	Darah tinggi <i>Hypertension</i>	591	2.0
	5. Darah tinggi <i>Hypertension</i>	661	2.1	Demam <i>Fever</i>	579	2.0
	Keseluruhan sebab <i>All causes</i>	31,792		Keseluruhan sebab <i>All causes</i>	29,084	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2006	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,374	45.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	17,091	58.7
	2. Lelah Asthma	2,141	6.7	Lelah Asthma	1,547	5.3
	3. Kencing manis Diabetes mellitus	924	2.9	Kencing manis Diabetes mellitus	835	2.9
	4. Darah tinggi Hypertension	699	2.2	Darah tinggi Hypertension	607	2.1
	5. Penyakit serebrovaskular Cerebrovascular diseases	665	2.1	Penyakit serebrovaskular Cerebrovascular diseases	527	1.8
	Keseluruhan sebab All causes	31,902		Keseluruhan sebab All causes	29,099	
2007	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,619	46.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	17,252	59.8
	2. Lelah Asthma	2,129	6.7	Lelah Asthma	1,465	5.1
	3. Kencing manis Diabetes mellitus	854	2.7	Kencing manis Diabetes mellitus	779	2.7
	4. Darah tinggi Hypertension	712	2.2	Darah tinggi Hypertension	607	2.1
	5. Penyakit serebrovaskular Cerebrovascular diseases	682	2.1	Penyakit serebrovaskular Cerebrovascular diseases	527	1.8
	Keseluruhan sebab All causes	31,733		Keseluruhan sebab All causes	28,841	
2008	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	15,404	47.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,141	60.8
	2. Lelah Asthma	2,160	6.6	Lelah Asthma	1,511	5.1
	3. Kencing manis Diabetes mellitus	837	2.6	Kencing manis Diabetes mellitus	777	2.6
	4. Penyakit serebrovaskular Cerebrovascular diseases	741	2.3	Darah tinggi Hypertension	691	2.3
	5. Darah tinggi Hypertension	720	2.2	Penyakit serebrovaskular Cerebrovascular diseases	568	1.9
	Keseluruhan sebab All causes	32,673		Keseluruhan sebab All causes	29,838	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2009	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,029	47.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,822	61.9
	2. Lelah <i>Asthma</i>	2,054	6.1	Lelah <i>Asthma</i>	1,484	4.9
	3. Kencing manis <i>Diabetes mellitus</i>	988	3.0	Kencing manis <i>Diabetes mellitus</i>	821	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	735	2.2	Darah tinggi <i>Hypertension</i>	619	2.0
	5. Darah tinggi <i>Hypertension</i>	645	1.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	573	1.9
	Keseluruhan sebab <i>All causes</i>	33,445		Keseluruhan sebab <i>All causes</i>	30,395	
2010	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	15,735	48.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,395	61.9
	2. Lelah <i>Asthma</i>	1,885	5.8	Lelah <i>Asthma</i>	1,303	4.4
	3. Kencing manis <i>Diabetes mellitus</i>	932	2.8	Kencing manis <i>Diabetes mellitus</i>	806	2.7
	4. Darah tinggi <i>Hypertension</i>	769	2.3	Darah tinggi <i>Hypertension</i>	638	2.1
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	755	2.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	526	1.8
	Keseluruhan sebab <i>All causes</i>	32,763		Keseluruhan sebab <i>All causes</i>	29,697	
2011	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,466	48.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19,374	62.8
	2. Lelah <i>Asthma</i>	1,853	5.5	Lelah <i>Asthma</i>	1,146	3.7
	3. Kencing manis <i>Diabetes mellitus</i>	928	2.7	Kencing manis <i>Diabetes mellitus</i>	781	2.5
	4. Darah tinggi <i>Hypertension</i>	761	2.3	Darah tinggi <i>Hypertension</i>	678	2.2
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	745	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	574	1.9
	Keseluruhan sebab <i>All causes</i>	33,797		Keseluruhan sebab <i>All causes</i>	30,831	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2012	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,030	48.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,323	63.7
	2. Lelah <i>Asthma</i>	1,857	5.3	Lelah <i>Asthma</i>	1,113	3.5
	3. Kencing manis <i>Diabetes mellitus</i>	1,002	2.9	Kencing manis <i>Diabetes mellitus</i>	863	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	904	2.6	Darah tinggi <i>Hypertension</i>	743	2.3
	5. Darah tinggi <i>Hypertension</i>	759	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	691	2.2
	Keseluruhan sebab <i>All causes</i>	34,945		Keseluruhan sebab <i>All causes</i>	31,899	
2013	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,864	47.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,204	62.5
	2. Lelah <i>Asthma</i>	1,703	4.8	Lelah <i>Asthma</i>	1,120	3.5
	3. Kencing manis <i>Diabetes mellitus</i>	1,009	2.8	Kencing manis <i>Diabetes mellitus</i>	860	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,006	2.8	Darah tinggi <i>Hypertension</i>	747	2.3
	5. Darah tinggi <i>Hypertension</i>	856	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	715	2.2
	Keseluruhan sebab <i>All causes</i>	35,712		Keseluruhan sebab <i>All causes</i>	32,343	
2014	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,615	45.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,450	59.6
	2. Kencing manis <i>Diabetes mellitus</i>	1,108	2.9	Kencing manis <i>Diabetes mellitus</i>	1,053	3.1
	3. Lelah <i>Asthma</i>	1,087	2.8	Darah tinggi <i>Hypertension</i>	817	2.4
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,061	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	743	2.2
	5. Darah tinggi <i>Hypertension</i>	938	2.4	Lelah <i>Asthma</i>	641	1.9
	Keseluruhan sebab <i>All causes</i>	38,661		Keseluruhan sebab <i>All causes</i>	34,292	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2015	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,483	43.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,386	58.0
	2. Kencing manis <i>Diabetes mellitus</i>	1,199	3.0	Kencing manis <i>Diabetes mellitus</i>	1,034	2.9
	3. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,102	2.8	Darah tinggi <i>Hypertension</i>	949	2.7
	4. Darah tinggi <i>Hypertension</i>	1,060	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	789	2.2
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,055	2.6	Lelah <i>Asthma</i>	648	1.8
	Keseluruhan sebab <i>All causes</i>	39,923		Keseluruhan sebab <i>All causes</i>	35,172	
2016	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,816	43.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,636	58.2
	2. Kencing manis <i>Diabetes mellitus</i>	1,243	3.0	Kencing manis <i>Diabetes mellitus</i>	1,043	2.9
	3. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,200	2.9	Darah tinggi <i>Hypertension</i>	980	2.8
	4. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,111	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	818	2.3
	5. Darah tinggi <i>Hypertension</i>	1,110	2.7	Barah payudara <i>Breast cancer</i>	635	1.8
	Keseluruhan sebab <i>All causes</i>	41,081		Keseluruhan sebab <i>All causes</i>	35,483	
2017	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,200	43.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,857	56.3
	2. Kencing manis <i>Diabetes mellitus</i>	1,180	3.2	Kencing manis <i>Diabetes mellitus</i>	1,063	3.2
	3. Darah tinggi <i>Hypertension</i>	1,142	3.1	Darah tinggi <i>Hypertension</i>	1,045	3.1
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,071	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	800	2.4
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	921	2.5	Barah payudara <i>Breast cancer</i>	612	1.8
	Keseluruhan sebab <i>All causes</i>	37,232		Keseluruhan sebab <i>All causes</i>	33,496	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2018	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11,540	40.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,009	54.1
	2. Darah tinggi <i>Hypertension</i>	1,151	4.0	Darah tinggi <i>Hypertension</i>	980	3.8
	3. Kencing manis <i>Diabetes mellitus</i>	1,043	3.6	Kencing manis <i>Diabetes mellitus</i>	846	3.3
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	851	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	632	2.4
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	708	2.5	Barah payudara <i>Breast cancer</i>	420	1.6
	Keseluruhan sebab <i>All causes</i>	28,744		Keseluruhan sebab <i>All causes</i>	25,900	
2019	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,033	40.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,696	54.8
	2. Darah tinggi <i>Hypertension</i>	1,289	3.8	Darah tinggi <i>Hypertension</i>	1,108	3.6
	3. Kencing manis <i>Diabetes mellitus</i>	1,060	3.1	Kencing manis <i>Diabetes mellitus</i>	939	3.1
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,025	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	690	2.3
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	816	2.4	Barah payudara <i>Breast cancer</i>	523	1.7
	Keseluruhan sebab <i>All causes</i>	34,340		Keseluruhan sebab <i>All causes</i>	30,473	
2020	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11,957	39.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,151	52.4
	2. Darah tinggi <i>Hypertension</i>	1,217	4.0	Darah tinggi <i>Hypertension</i>	979	3.6
	3. Kencing manis <i>Diabetes mellitus</i>	986	3.2	Kencing manis <i>Diabetes mellitus</i>	770	2.9
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	806	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	562	2.1
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	583	1.9	Barah payudara <i>Breast cancer</i>	504	1.9
	Keseluruhan sebab <i>All causes</i>	30,478		Keseluruhan sebab <i>All causes</i>	27,017	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2022 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2022 (cont'd)

	Lelaki <i>Male</i>	Bil. <i>No.</i>	%	Perempuan <i>Female</i>	Bil. <i>No.</i>	%
2021	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,565	38.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,345	50.4
	2. Darah tinggi <i>Hypertension</i>	1,777	5.1	Darah tinggi <i>Hypertension</i>	1,532	4.7
	3. Kencing manis <i>Diabetes mellitus</i>	1,160	3.3	Kencing manis <i>Diabetes mellitus</i>	966	3.0
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	944	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	637	2.0
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	607	1.7	Barah payudara <i>Breast cancer</i>	588	1.8
	Keseluruhan sebab <i>All causes</i>	34,874		Keseluruhan sebab <i>All causes</i>	32,444	
2022	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,173	38.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19,506	51.1
	2. Darah tinggi <i>Hypertension</i>	2,080	4.9	Darah tinggi <i>Hypertension</i>	1,831	4.8
	3. Kencing manis <i>Diabetes mellitus</i>	1,460	3.5	Kencing manis <i>Diabetes mellitus</i>	1,159	3.0
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,229	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	880	2.3
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	798	1.9	Barah payudara <i>Breast cancer</i>	683	1.8
	Keseluruhan sebab <i>All causes</i>	42,052		Keseluruhan sebab <i>All causes</i>	38,205	

Jadual 14.4: Siri masa kematian mengikut pengesah, Malaysia, 2000-2022*Table 14.4: Time series of deaths by certification, Malaysia, 2000-2023*

Tahun <i>Year</i>	Disahkan secara perubatan <i>Medically certified</i>	Tidak disahkan secara perubatan <i>Non-medically certified</i>
2000	39,282	61,425
2001	44,820	59,711
2002	48,536	61,831
2003	50,178	62,566
2004	52,168	61,024
2005	54,560	60,876
2006	56,777	61,001
2007	60,096	60,574
2008	64,587	62,511
2009	67,488	63,840
2010	68,518	62,460
2011	70,835	64,628
2012	71,848	66,844
2013	74,147	68,055
2014	77,365	72,953
2015	80,691	75,095
2016	88,953	73,248
2017	97,440	70,728
2018	117,387	54,644
2019	109,441	64,813
2020	109,475	57,495
2021	157,251	67,318
2022	126,268	80,257

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022

Sebab kematian Causes of death	Tahun/ Year		
	2000	2001	2002
1. Cholera	-	-	1
2. Diarrhoea and gastroenteritis of presumed infectious origin	49	75	69
3. Other intestinal infectious diseases	10	16	10
4. Respiratory tuberculosis	389	539	460
5. Other tuberculosis	113	130	147
6. Plague	-	-	-
7. Tetanus	9	8	11
8. Diphtheria	1	1	2
9. Whooping cough	1	-	-
10. Meningococcal infection	15	12	19
11. Septicaemia	2,741	3,171	3,533
12. Infections with a predominantly sexual mode of transmission	1	1	-
13. Acute poliomyelitis	-	-	-
14. Rabies	-	-	-
15. Yellow fever	-	-	-
16. Other arthropod-borne viral fevers and viral haemorrhagic fevers	57	83	186
17. Measles	2	2	1
18. Viral hepatitis	49	76	66
19. Human immunodeficiency virus [HIV] disease	415	360	217
20. Malaria	23	18	16
21. Leishmaniasis	-	-	-
22. Trypanosomiasis	-	-	-
23. Schistosomiasis	-	-	-
24. Remainder of certain infectious and parasitic diseases	339	510	623
25. Malignant neoplasm of lip, oral cavity and pharynx	332	319	351
26. Malignant neoplasm of oesophagus	109	80	100
27. Malignant neoplasm of stomach	215	209	249
28. Malignant neoplasm of colon, rectum and anus	350	406	445
29. Malignant neoplasm of liver and intrahepatic bile ducts	380	426	471
30. Malignant neoplasm of pancreas	88	138	141
31. Malignant neoplasm of larynx	37	29	46
32. Malignant neoplasm of trachea, bronchus and lung	833	1,012	1,151
33. Malignant melanoma of skin	13	7	11
34. Malignant neoplasm of breast	354	411	454
35. Malignant neoplasm of cervix uteri	127	179	140
36. Malignant neoplasm of other and unspecified parts of uterus	46	38	51
37. Malignant neoplasm of ovary	100	113	134
38. Malignant neoplasm of prostate	59	67	79
39. Malignant neoplasm of bladder	55	54	43
40. Malignant neoplasm of meninges, brain and other parts of central nervous system	71	86	95
41. Non-Hodgkin's lymphoma	190	202	220
42. Multiple myeloma and malignant plasma cell neoplasms	37	41	54

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Tahun/ Year								
2003	2004	2005	2006	2007	2008	2009	2010	2011
-	-	1	-	-	1	1	-	2
82	93	91	89	90	156	140	113	111
9	15	4	14	13	13	12	13	13
511	518	533	570	524	561	616	567	567
132	115	135	154	178	181	176	165	170
-	-	-	-	-	-	-	-	-
6	2	5	5	9	5	5	-	2
-	1	-	-	-	-	-	-	-
-	-	1	1	-	-	-	3	-
21	13	16	10	10	4	7	9	5
4,377	4,478	4,044	4,053	3,975	3,735	4,217	4,526	4,540
3	3	-	1	2	3	1	2	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
175	155	133	113	135	125	105	142	38
-	3	-	-	1	-	2	-	1
85	121	112	136	155	169	174	132	100
252	180	196	259	417	427	903	797	589
17	20	18	14	16	16	12	20	10
-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
890	905	982	933	858	1,060	612	599	708
386	390	395	400	414	471	482	484	508
103	114	110	125	127	124	115	129	107
270	254	278	287	298	348	316	315	368
485	522	529	604	714	763	830	800	861
446	516	491	608	624	625	690	740	825
148	165	168	172	231	255	271	296	289
30	41	38	34	58	48	49	60	54
1,125	1,203	1,303	1,375	1,430	1,589	1,518	1,555	1,607
11	16	16	19	18	21	18	28	20
465	534	595	684	744	824	873	867	909
173	185	186	194	243	237	250	229	248
59	58	61	56	88	79	94	100	118
151	154	172	200	201	208	244	227	249
78	88	79	107	130	119	168	152	178
54	76	72	85	93	91	100	124	119
81	92	91	103	110	112	94	118	129
258	281	276	312	310	347	382	376	394
45	54	57	60	57	67	88	85	78

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2012	2013	2014
1. Cholera	-	-	-
2. Diarrhoea and gastroenteritis of presumed infectious origin	143	148	228
3. Other intestinal infectious diseases	18	7	29
4. Respiratory tuberculosis	523	501	535
5. Other tuberculosis	183	170	190
6. Plague	-	-	-
7. Tetanus	5	5	5
8. Diphtheria	1	-	-
9. Whooping cough	-	-	1
10. Meningococcal infection	4	5	7
11. Septicaemia	4,698	4,611	4,698
12. Infections with a predominantly sexual mode of transmission	1	1	1
13. Acute poliomyelitis	-	-	-
14. Rabies	-	-	-
15. Yellow fever	-	-	-
16. Other arthropod-borne viral fevers and viral haemorrhagic fevers	33	93	228
17. Measles	1	-	1
18. Viral hepatitis	137	136	169
19. Human immunodeficiency virus [HIV] disease	569	428	436
20. Malaria	15	8	6
21. Leishmaniasis	-	-	-
22. Trypanosomiasis	-	-	-
23. Schistosomiasis	-	-	-
24. Remainder of certain infectious and parasitic diseases	677	795	819
25. Malignant neoplasm of lip, oral cavity and pharynx	427	454	469
26. Malignant neoplasm of oesophagus	119	120	118
27. Malignant neoplasm of stomach	349	316	350
28. Malignant neoplasm of colon, rectum and anus	922	897	922
29. Malignant neoplasm of liver and intrahepatic bile ducts	795	901	909
30. Malignant neoplasm of pancreas	290	330	339
31. Malignant neoplasm of larynx	59	55	56
32. Malignant neoplasm of trachea, bronchus and lung	1,704	1,816	1,741
33. Malignant melanoma of skin	23	30	27
34. Malignant neoplasm of breast	977	1,033	1,061
35. Malignant neoplasm of cervix uteri	249	261	253
36. Malignant neoplasm of other and unspecified parts of uterus	118	141	141
37. Malignant neoplasm of ovary	261	255	288
38. Malignant neoplasm of prostate	176	194	252
39. Malignant neoplasm of bladder	98	112	121
40. Malignant neoplasm of meninges, brain and other parts of central nervous system	115	122	140
41. Non-Hodgkin's lymphoma	391	396	431
42. Multiple myeloma and malignant plasma cell neoplasms	89	97	111

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Tahun/ Year							
2015	2016	2017	2018	2019	2020	2021	2022
-	-	-	-	-	2	-	0
239	213	237	304	281	251	247	229
24	18	24	35	36	37	39	51
578	665	735	669	694	661	648	811
202	214	201	206	226	201	192	208
-	-	-	-	-	-	-	0
4	3	3	2	-	2	2	2
1	1	3	3	5	-	2	1
5	1	5	9	6	2	2	1
2	3	8	6	6	4	-	2
3,407	3,582	3,648	4,073	4,173	3,989	4,908	5,006
2	2	8	7	3	6	6	9
-	-	-	-	-	1	-	1
-	-	4	10	6	10	16	8
-	-	-	-	-	-	-	-
309	222	172	140	187	154	35	67
1	-	-	1	1	-	-	-
200	180	224	214	175	225	214	210
348	315	358	312	190	229	315	227
9	1	11	8	9	8	9	12
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
1,031	1,268	1,279	1,520	1,459	1,546	2,702	2,573
514	527	664	757	669	720	680	603
145	133	162	203	187	184	151	144
306	317	364	508	427	456	436	383
1,039	1,165	1,511	2,111	1,874	2,210	2,212	1,894
947	1,002	1,114	1,532	1,391	1,574	1,514	1,389
378	346	464	563	553	623	611	672
60	52	64	96	81	63	50	72
1,809	1,850	2,251	2,805	2,606	2,742	2,679	2,644
44	33	44	43	42	43	38	32
1,070	1,251	1,686	1,978	1,871	1,952	1,932	1,922
267	252	325	404	430	420	420	367
165	184	228	271	274	312	276	335
273	309	331	448	396	433	401	403
221	282	396	478	445	497	510	457
118	151	165	180	177	196	216	180
149	132	182	296	263	363	371	352
436	447	524	561	548	504	532	533
76	106	143	112	122	149	130	123

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2000	2001	2002
43. Leukaemia	309	364	391
44. Remainder of malignant neoplasms	715	775	803
45. Anaemias	131	124	140
46. Diabetes mellitus	515	834	690
47. Malnutrition	19	5	16
48. Mental and behavioural disorders due to psychoactive substance use	43	93	84
49. Meningitis	143	161	172
50. Alzheimer's disease	2	5	-
51. Acute rheumatic fever and chronic rheumatic heart diseases	117	122	125
52. Hypertensive diseases	604	421	570
53. Ischaemic heart diseases	4,546	5,207	5,774
54. Other heart diseases	2,522	3,047	3,372
55. Cerebrovascular diseases	3,237	3,651	3,795
56. Atherosclerosis	2	15	2
57. Remainder of diseases of the circulatory system	308	316	282
58. Influenza	-	-	-
59. Pneumonia	1,822	2,374	2,539
60. Other acute lower respiratory infections	7	7	4
61. Chronic lower respiratory diseases	1,270	1,413	1,514
62. Remainder of diseases of the respiratory system	1,522	1,706	1,895
63. Gastric and duodenal ulcer	152	148	180
64. Diseases of the liver	752	771	884
65. Glomerular and renal tubulo-interstitial diseases	65	50	97
66. Pregnancy with abortive outcome	11	5	14
67. Other direct obstetric deaths	90	118	117
68. Indirect obstetric deaths	22	24	19
69. Certain conditions originating in the perinatal period	1,002	1,299	1,136
70. Congenital malformations, deformations and chromosomal abnormalities	589	661	917
71. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,513	1,861	1,918
72. All other diseases	3,618	4,027	4,545
73. Transport accidents	2,908	3,093	3,265
74. Falls	109	111	119
75. Accidental drowning and submersion	319	224	189
76. Exposure to smoke, fire and flames	64	56	24
77. Accidental poisoning by and exposure to noxious substances	43	34	16
78. Intentional self-harm	103	59	45
79. Assault	120	209	188
80. COVID-19 infection (due to)	-	-	-
81. All other external causes	2,358	2,611	3,099
Keseluruhan sebab All causes	39,282	44,820	48,536

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Tahun/ Year								
2003	2004	2005	2006	2007	2008	2009	2010	2011
397	437	418	465	473	465	489	498	514
911	880	999	932	1,133	1,179	1,130	1,360	1,531
128	110	146	157	144	152	246	210	167
952	962	1,015	997	908	908	780	632	550
20	12	18	8	14	14	19	13	16
51	46	43	42	32	17	-	11	16
154	166	170	132	155	152	129	115	136
3	3	3	6	7	6	4	1	2
105	129	132	132	123	120	121	103	104
321	346	358	397	448	486	956	861	745
5,957	6,267	7,074	7,836	8,776	9,435	9,361	9,371	10,004
3,155	3,288	3,394	3,282	3,218	3,488	3,169	3,186	3,341
3,974	4,030	4,289	4,285	4,465	4,637	4,511	4,763	5,112
12	11	13	21	20	19	13	18	28
334	417	418	407	419	476	467	540	561
1	-	-	1	-	-	102	38	12
2,718	2,966	3,297	3,602	4,249	5,254	6,106	6,504	7,518
4	4	7	4	7	2	4	2	3
1,452	1,418	1,343	1,370	1,430	1,484	1,304	1,306	1,231
1,901	2,014	2,009	2,082	2,222	2,298	2,753	2,517	2,547
189	180	171	203	223	224	227	219	224
810	851	836	852	919	1,033	1,025	1,082	1,203
36	49	97	63	158	137	143	228	337
12	20	12	9	8	8	8	8	8
95	78	95	83	102	103	78	79	91
26	26	20	23	24	20	39	35	28
1,062	1,216	1,203	1,136	1,227	1,249	1,383	1,355	1,292
854	808	884	898	872	955	1,028	990	1,064
1,932	1,897	2,027	2,152	2,152	2,388	2,474	2,734	2,740
4,055	4,468	5,271	5,556	5,867	6,494	7,031	7,127	7,063
3,603	3,615	3,721	3,908	3,990	4,290	4,585	4,683	4,502
47	84	58	108	95	37	131	185	118
403	260	152	211	316	328	509	451	367
27	52	17	43	34	19	47	72	24
9	17	13	16	11	36	92	186	62
51	57	31	56	57	58	40	39	34
203	217	205	279	293	236	213	186	169
-	-	-	-	-	-	-	-	-
3,286	3,402	3,413	3,246	3,232	3,596	3,206	3,037	3,453
50,178	52,168	54,560	56,777	60,096	64,587	67,488	68,518	70,835

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2012	2013	2014
43. Leukaemia	527	491	565
44. Remainder of malignant neoplasms	1,556	1,647	1,924
45. Anaemias	163	164	173
46. Diabetes mellitus	473	450	467
47. Malnutrition	16	11	5
48. Mental and behavioural disorders due to psychoactive substance use	10	8	9
49. Meningitis	132	132	121
50. Alzheimer's disease	1	-	3
51. Acute rheumatic fever and chronic rheumatic heart diseases	100	87	84
52. Hypertensive diseases	618	609	732
53. Ischaemic heart diseases	10,091	10,169	10,432
54. Other heart diseases	3,354	3,403	3,656
55. Cerebrovascular diseases	5,220	5,156	5,474
56. Atherosclerosis	18	18	24
57. Remainder of diseases of the circulatory system	584	591	586
58. Influenza	3	10	9
59. Pneumonia	8,031	9,142	9,250
60. Other acute lower respiratory infections	4	2	2
61. Chronic lower respiratory diseases	1,162	1,215	1,219
62. Remainder of diseases of the respiratory system	2,690	2,974	3,277
63. Gastric and duodenal ulcer	240	261	245
64. Diseases of the liver	1,278	1,327	1,395
65. Glomerular and renal tubulo-interstitial diseases	374	496	605
66. Pregnancy with abortive outcome	9	12	18
67. Other direct obstetric deaths	73	65	70
68. Indirect obstetric deaths	35	27	25
69. Certain conditions originating in the perinatal period	1,246	1,228	1,219
70. Congenital malformations, deformations and chromosomal abnormalities	1,008	985	1,056
71. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2,472	2,666	2,565
72. All other diseases	7,396	7,500	8,466
73. Transport accidents	4,566	4,538	4,304
74. Falls	109	118	111
75. Accidental drowning and submersion	358	115	410
76. Exposure to smoke, fire and flames	32	6	10
77. Accidental poisoning by and exposure to noxious substances	71	43	44
78. Intentional self-harm	29	22	21
79. Assault	217	133	132
80. COVID-19 infection (due to)	-	-	-
81. All other external causes	3,412	3,888	3,575
Keseluruhan sebab All causes	71,848	74,147	77,365

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2022 (cont'd)

Tahun/ Year							
2015	2016	2017	2018	2019	2020	2021	2022
596	606	623	706	673	718	760	725
1,899	2,121	1,789	2,070	1,987	2,056	2,032	1,964
161	181	194	201	219	217	239	231
468	528	1,017	2,917	2,008	2,146	2,792	2,085
9	15	12	16	24	26	66	51
6	-	5	8	5	5	8	1
124	109	135	140	127	121	100	90
5	4	10	24	11	23	31	31
91	73	82	118	91	83	88	107
679	787	1,263	2,187	1,526	2,057	2,642	2,123
11,018	11,310	13,503	18,267	16,336	18,526	21,485	20,322
3,858	4,000	4,771	5,715	5,226	5,252	6,244	5,774
5,678	5,876	6,878	9,154	8,699	9,105	10,181	9,149
18	10	36	17	17	10	10	18
636	746	809	876	893	854	834	919
17	13	13	20	41	36	3	27
10,200	10,678	12,365	13,804	13,384	12,424	17,503	16,770
7	4	16	17	11	115	78	26
1,306	1,583	1,927	3,074	2,314	2,265	2,337	2,324
3,407	3,629	4,319	4,551	4,262	3,799	4,641	4,131
258	268	323	386	346	315	377	355
1,408	1,414	1,567	1,631	1,604	1,427	1,534	1,552
624	122	129	148	145	140	131	158
13	14	10	22	13	9	12	16
73	101	89	66	61	78	72	53
36	27	27	28	25	29	41	33
1,255	1,247	1,334	1,324	1,208	1,045	1,082	1,110
953	1,052	1,000	1,183	1,079	957	1,008	989
4,099	4,565	4,640	4,984	5,381	4,816	6,325	6,114
8,845	10,368	11,947	13,692	13,076	12,483	13,741	13,541
4,196	4,640	4,499	4,391	4,201	3,169	3,062	4,012
83	76	117	217	177	207	227	146
412	399	427	423	369	243	108	89
3	2	1	12	7	15	6	9
50	49	63	57	50	57	30	27
31	20	22	30	12	24	21	8
105	97	69	66	49	45	54	51
-	-	-	-	-	405	31,063	5,314
3,685	3,676	3,871	3,980	3,971	3,404	3,787	3,900
80,691	85,637	97,440	117,387	109,441	109,475	157,251	126,268

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022

Sebab kematian Causes of death	Tahun/ Year		
	2000	2001	2002
1. AIDS/ HIV	309	325	349
2. Alzheimer	2	-	3
3. Anemia/ Anaemias	55	29	29
4. Lelah/ Asthma	3,593	3,295	3,347
5. Barah bibir, dalam mulut dan tekak/ Lips, oral and throat cancer	130	103	93
6. Barah esofagus/ Esophagus cancer	13	12	8
7. Barah hati/ Liver cancer	353	360	358
8. Barah kolon, rektum dan dubur/ Colon, rectum and anus cancer	262	228	286
9. Barah limfoma/ Lymphoma	30	13	13
10. Barah otak dan lain-lain barah sistem saraf pusat/ Brain and other nervous system cancer	144	160	122
11. Barah ovari/ Ovary cancer	32	21	25
12. Barah pangkal rahim/ Cervix cancer	39	33	45
13. Barah pankreas/ Pancreas cancer	26	26	29
14. Barah payudara/ Breast cancer	251	232	273
15. Barah perut/ Stomach cancer	280	235	217
16. Barah peti suara/ Larynx cancer	6	4	6
17. Barah prostat/ Prostate cancer	12	11	9
18. Barah pundi kencing/ Urinary bladder cancer	21	16	12
19. Barah rahim/ Uterus cancer	81	84	106
20. Barah sel darah putih/ Leukaemia	116	102	129
21. Barah trakea, bronkus dan paru-paru/ Trachea, bronchus and lung cancer	391	345	320
22. Batuk kokol/ Whooping cough	-	-	-
23. Bunuh diri/ Suicide	62	47	82
24. Cirit birit/ Dysentery/ Diarrhea	56	57	75
25. Darah tinggi/ Hypertension	1,214	1,084	1,100
26. Demam campak/ Measles	18	18	14
27. Demam malaria/ Malaria	13	5	1
28. Demam viral dan dengan pendarahan/ Viral fevers and viral haemorrhagic fevers	4	7	13
29. Demam/ Fever	2,101	2,219	2,052
30. Dibunuh/ Homicide	49	22	33
31. Gangguan mental dan tingkah laku/ Mental and behavioural disorders	51	63	60
32. Gejala-gejala, tanda-tanda dan penemuan yang tidak normal/ Symptoms, signs and abnormal findings	10,248	9,754	9,228
33. Hepatitis A, B dan C/ Hepatitis A, B and C	20	35	40
34. Jatuh/ Falls	48	34	50

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)*

Tahun/ Year								
2003	2004	2005	2006	2007	2008	2009	2010	2011
320	264	380	383	268	321	274	246	172
1 -		4	1	4	3	2	2	3
26	24	35	30	63	44	29	38	36
3,338	3,440	3,678	3,688	3,594	3,671	3,538	3,188	2,999
111	102	111	142	121	95	94	99	120
7	13	15	14	12	12	15	11	7
380	371	353	435	420	477	437	441	485
285	302	345	353	357	448	492	502	481
9	18	17	14	15	26	2	25	28
170	123	160	165	170	158	149	166	142
30	34	27	27	43	38	31	42	45
40	44	48	52	42	49	74	58	69
19	34	38	40	50	44	65	48	82
344	360	363	415	459	383	425	452	451
216	201	194	180	200	212	214	182	185
4	10	4	5	2	4	6	2	1
23	25	29	22	46	37	44	37	53
7	10	13	14	14	9	27	17	16
103	104	90	88	83	90	105	109	106
127	129	128	110	114	82	100	109	121
360	459	464	520	549	521	534	545	593
-	-	-	-	-	-	-	-	-
40	28	28	21	11	10	7	8	3
48	68	60	45	31	45	37	39	27
1,147	1,132	1,252	1,306	1,319	1,411	1,264	1,407	1,439
11	15	15	12	13	9	10	8	9
2	4	2	1	-	-	1	-	2
7	10	12	5	13	10	9	10	5
1,790	1,476	1,261	1,136	988	947	801	640	581
24	12	17	16	10	5	2	6	9
32	28	26	30	27	27	17	10	6
9,125	8,643	6,458	7,173	6,980	6,962	6,851	6,815	7,148
46	37	48	47	28	52	68	57	56
34	31	27	30	32	28	26	34	32

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2012	2013	2014
1. AIDS/ HIV	183	115	117
2. Alzheimer	7	3	7
3. Anemia/ Anaemias	44	39	41
4. Lelah/ Asthma	2,970	2,823	1,728
5. Barah bibir, dalam mulut dan tekak/ Lips, oral and throat cancer	116	113	123
6. Barah esofagus/ Esophagus cancer	14	11	7
7. Barah hati/ Liver cancer	557	566	603
8. Barah kolon, rektum dan dubur/ Colon, rectum and anus cancer	579	592	678
9. Barah limfoma/ Lymphoma	34	31	38
10. Barah otak dan lain-lain barah sistem saraf pusat/ Brain and other nervous system cancer	164	173	197
11. Barah ovari/ Ovary cancer	49	63	62
12. Barah pangkal rahim/ Cervix cancer	91	98	75
13. Barah pankreas/ Pancreas cancer	89	89	102
14. Barah payudara/ Breast cancer	494	503	550
15. Barah perut/ Stomach cancer	193	197	195
16. Barah peti suara/ Larynx cancer	5	4	5
17. Barah prostat/ Prostate cancer	56	49	73
18. Barah pundi kencing/ Urinary bladder cancer	20	26	25
19. Barah rahim/ Uterus cancer	114	105	124
20. Barah sel darah putih/ Leukaemia	117	120	119
21. Barah trakea, bronkus dan paru-paru/ Trachea, bronchus and lung cancer	657	711	731
22. Batuk kokol/ Whooping cough	-	-	-
23. Bunuh diri/ Suicide	14	14	13
24. Cirit birit/ Dysentery/ Diarrhea	33	33	17
25. Darah tinggi/ Hypertension	1,502	1,603	1,755
26. Demam campak/ Measles	3	8	2
27. Demam malaria/ Malaria	2	1	-
28. Demam viral dan dengan pendarahan/ Viral fevers and viral haemorrhagic fevers	8	14	10
29. Demam/ Fever	564	504	397
30. Dibunuh/ Homicide	16	9	8
31. Gangguan mental dan tingkah laku/ Mental and behavioural disorders	5	5	13
32. Gejala-gejala, tanda-tanda dan penemuan yang tidak normal/ Symptoms, signs and abnormal findings	5,876	6,708	10,745
33. Hepatitis A, B dan C/ Hepatitis A, B and C	44	69	56
34. Jatuh/ Falls	50	45	50

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)*

Tahun/ Year							
2015	2016	2017	2018	2019	2020	2021	2022
101	93	84	51	51	37	61	48
7	5	10	9	9	14	9	7
50	50	37	49	50	41	50	70
1,677	1,635	1,328	1,043	1,079	588	689	909
138	143	130	104	122	89	100	135
12	19	17	15	21	17	15	28
635	734	620	421	534	482	604	695
692	798	799	553	718	652	802	928
31	51	52	37	67	57	86	101
216	218	196	146	188	143	186	186
76	94	93	76	81	83	99	132
80	95	68	47	64	70	72	76
110	128	120	99	147	129	177	219
558	638	613	421	524	509	591	685
181	185	158	102	128	124	155	177
5	5	10	9	7	3	3	10
106	113	109	86	124	135	178	196
26	33	31	17	39	29	51	47
155	138	146	83	100	105	132	166
113	111	107	59	84	80	87	85
806	857	762	582	745	655	764	917
1	-	-	1	-	-	-	-
6	4	11	5	8	5	3	-
13	7	13	2	8	4	5	1
2,009	2,090	2,187	2,131	2,397	2,196	3,309	3,911
2	2	3	2	1	-	-	-
-	-	1	-	-	2	-	-
16	10	5	4	3	6	3	3
469	401	324	175	130	52	30	41
2	5	4	2	3	-	-	-
6	6	6	2	2	3	1	1
12,051	11,469	11,155	10,047	13,010	14,253	16,315	18,776
57	49	52	32	44	40	48	58
33	52	36	32	21	33	15	22

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2000	2001	2002
35. Kancing gigi/ Tetanus	6	1	1
36. Keadaan tertentu berpunca dalam tempoh perinatal/ Certain conditions originating in the perinatal period	123	59	93
37. Kebakaran/ Burning	23	15	21
38. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ Congenital malformations, deformations and chromosomal abnormalities	129	121	95
39. Kemalangan pengangkutan - udara, darat dan air/ Transport accidents - air, land and water	1,366	1,051	961
40. Kematian Ibu Bersalin/ Maternal death	7	4	2
41. Kencing manis/ Diabetes mellitus	1,076	1,160	1,236
42. Keracunan/ Poisoning	25	4	24
43. Kolera/ Cholera	-	-	-
44. Kuman dalam darah/ Septicaemia	207	109	131
45. Lain-lain barah/ Other cancer	1,814	1,861	1,822
46. Lain-lain penyakit/ Other diseases	2,087	1,906	1,890
47. Lain-lain penyakit berjangkit/ Other infectious diseases	46	60	55
48. Lain-lain penyakit berkaitan sistem peredaran darah/ Other disorders of circulatory system	115	302	175
49. Lain-lain penyakit sistem pernafasan/ Other diseases of the respiratory system	349	330	318
50. Mati lemas/ Drowning	268	218	220
51. Meningitis	33	17	17
52. Paru-paru berair/ Pulmonary edema	226	192	211
53. Penyakit hati/ Liver disease	172	126	117
54. Penyakit jangkitan melalui hubungan seksual/ Sexually transmitted disease	-	-	-
55. Penyakit jangkitan usus lain/ Other infection of intestines diseases	5	3	4
56. Penyakit jantung iskemia/ Ischaemic heart diseases	1,018	745	1,065
57. Penyakit lain berkaitan jantung/ Other heart diseases	3,587	3,830	3,850
58. Penyakit serebrovaskular/ Cerebrovascular diseases	997	804	898
59. Radang paru-paru/ Pneumonia	341	211	243
60. Sakit tua 65 tahun dan lebih/ Old age 65 years and over	26,559	26,969	29,258
61. Sebab-sebab kematian berpunca dari faktor luar/ Other external causes	329	272	213
62. Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ Difficulty in breathing [infant death for aged 28-364 days]	133	62	76
63. Tibi/ Batuk kering/ Tuberculosis	331	266	285
64. Ulser perut/ Gastric ulcer	23	34	23
Keseluruhan sebab All causes	61,425	59,711	61,831

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)*

Tahun/ Year								
2003	2004	2005	2006	2007	2008	2009	2010	2011
2	2	2	-	-	3	1	-	-
77	52	62	67	41	62	52	48	50
7	12	6	9	2	6	4	2	4
110	92	108	104	95	111	80	95	88
862	682	604	496	480	345	364	268	278
2	2	1	2	-	-	-	-	-
1,374	1,311	1,603	1,759	1,633	1,614	1,809	1,738	1,709
29	9	13	13	5	7	-	10	10
-	-	-	1	-	-	-	-	-
103	117	119	90	90	84	75	71	90
1,751	1,607	1,761	1,771	1,667	1,612	1,653	1,771	1,753
1,849	1,797	1,947	1,852	1,806	1,819	1,836	1,803	1,831
67	128	67	61	84	78	58	81	104
91	92	75	59	45	50	40	104	114
294	194	299	262	241	282	396	309	297
204	193	185	151	137	97	90	64	65
19	10	20	24	13	21	15	15	10
182	187	168	184	211	224	204	197	177
133	167	173	163	158	158	145	173	150
-	-	-	1	1	-	-	-	-
5	3	-	6	1	1	3	1	1
855	876	734	803	779	791	757	579	709
3,625	3,582	3,539	3,245	3,225	3,387	3,648	3,746	3,919
1,022	1,001	1,162	1,192	1,209	1,309	1,308	1,281	1,319
169	202	215	200	216	234	238	147	164
30,952	30,649	31,789	31,465	31,871	33,545	34,851	34,130	35,840
202	176	157	151	142	130	122	109	123
63	62	60	41	52	42	54	56	29
274	256	276	287	266	261	277	293	264
17	12	29	22	26	8	10	16	18
62,566	61,024	60,876	61,001	60,574	62,511	63,840	62,460	64,628

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2012	2013	2014
35. Kancing gigi/ Tetanus	2	-	2
36. Keadaan tertentu berpunca dalam tempoh perinatal/ Certain conditions originating in the perinatal period	55	67	40
37. Kebakaran/ Burning	11	8	13
38. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ Congenital malformations, deformations and chromosomal abnormalities	129	110	105
39. Kemalangan pengangkutan - udara, darat dan air/ Transport accidents - air, land and water	322	430	310
40. Kematian Ibu Bersalin/ Maternal death	-	-	-
41. Kencing manis/ Diabetes mellitus	1,865	1,869	2,161
42. Keracunan/ Poisoning	12	17	10
43. Kolera/ Cholera	-	-	-
44. Kuman dalam darah/ Septicaemia	125	126	111
45. Lain-lain barah/ Other cancer	1,776	1,870	1,953
46. Lain-lain penyakit/ Other diseases	1,984	2,040	2,185
47. Lain-lain penyakit berjangkit/ Other infectious diseases	90	151	127
48. Lain-lain penyakit berkaitan sistem peredaran darah/ Other disorders of circulatory system	138	134	109
49. Lain-lain penyakit sistem pernafasan/ Other diseases of the respiratory system	251	438	280
50. Mati lemas/ Drowning	108	83	78
51. Meningitis	27	32	28
52. Paru-paru berair/ Pulmonary edema	215	200	188
53. Penyakit hati/ Liver disease	206	181	182
54. Penyakit jangkitan melalui hubungan seksual/ Sexually transmitted disease	1	1	-
55. Penyakit jangkitan usus lain/ Other infection of intestines diseases	2	2	1
56. Penyakit jantung iskemia/ Ischaemic heart diseases	902	1,006	1,046
57. Penyakit lain berkaitan jantung/ Other heart diseases	4,180	4,354	4,631
58. Penyakit serebrovaskular/ Cerebrovascular diseases	1,595	1,721	1,804
59. Radang paru-paru/ Pneumonia	316	241	406
60. Sakit tua 65 tahun dan lebih/ Old age 65 years and over	37,353	37,068	38,065
61. Sebab-sebab kematian berpunca dari faktor luar/ Other external causes	175	151	146
62. Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ Difficulty in breathing [infant death for aged 28-364 days]	29	30	33
63. Tibi/ Batuk kering/ Tuberculosis	294	266	263
64. Ulser perut/ Gastric ulcer	11	15	10
Keseluruhan sebab All causes	66,844	68,055	72,953

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2022 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2022 (cont'd)*

Tahun/ Year							
2015	2016	2017	2018	2019	2020	2021	2022
1	-	-	1	1	-	-	-
46	45	38	33	30	12	9	15
8	4	9	2	5	7	2	-
126	112	119	67	96	73	70	114
347	299	257	111	132	85	78	100
-	-	-	-	-	-	-	-
2,233	2,286	2,243	1,889	1,999	1,756	2,126	2,619
6	5	5	1	4	2	2	4
-	-	-	-	-	-	-	-
76	93	68	55	80	46	66	92
1,948	2,156	1,771	1,355	1,489	1,380	1,611	1,652
2,314	2,527	2,303	1,826	2,157	1,750	2,115	2,697
144	167	136	120	135	95	115	131
98	94	89	64	71	48	53	73
262	613	834	620	278	208	248	297
89	74	74	26	44	20	30	17
33	31	28	16	14	21	14	25
195	176	183	140	131	103	131	145
202	209	180	149	157	129	180	209
-	-	-	-	-	-	-	1
1	2	3	-	2	-	1	-
1,367	1,459	1,217	921	1,031	740	812	1,024
4,492	4,749	4,294	3,178	3,324	2,470	2,978	3,892
1,891	2,018	1,871	1,483	1,715	1,368	1,581	2,109
412	328	268	310	411	242	331	471
37,869	38,452	35,057	25,549	30,729	26,108	29,910	35,679
192	119	119	70	78	48	52	66
25	21	19	8	4	2	1	5
258	271	239	198	176	136	150	182
20	16	17	8	11	10	12	8
75,095	76,564	70,728	54,644	64,813	57,495	67,318	80,257

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022

Sebab kematian/ Causes of death	2000		2001	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	4,214	10.7	5,002	11.2
2. Neoplasms	4,689	11.9	5,231	11.7
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	317	0.8	395	0.9
4. Endocrine, nutritional and metabolic diseases	816	2.1	1,093	2.4
5. Mental and behavioural disorders	49	0.1	98	0.2
6. Diseases of the nervous system	703	1.8	732	1.6
7. Diseases of the eye and adnexa	-	-	1	0.0
8. Diseases of the ear and mastoid process	-	-	1	0.0
9. Diseases of the circulatory system	11,336	28.9	12,779	28.5
10. Diseases of the respiratory system	4,621	11.8	5,500	12.3
11. Diseases of the digestive system	1,751	4.5	1,900	4.2
12. Diseases of the skin and subcutaneous tissue	138	0.4	138	0.3
13. Diseases of the musculoskeletal system and connective tissue	133	0.3	153	0.3
14. Diseases of the genitourinary system	1,263	3.2	1,432	3.2
15. Pregnancy, childbirth and the puerperium	124	0.3	147	0.3
16. Certain conditions originating in the perinatal period	1,002	2.6	1,299	2.9
17. Congenital malformations, deformations and chromosomal abnormalities	589	1.5	661	1.5
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,513	3.9	1,861	4.2
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	6,024	15.3	6,397	14.3
22. Factors influencing health status and contact with health services	-	-	-	-
Keseluruhan sebab All causes	39,282		44,820	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

2002		2003		2004		2005	
Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
5,361	11.0	6,560	13.1	6,622	12.7	6,271	11.5
5,741	11.8	5,997	12.0	6,387	12.2	6,697	12.3
498	1.0	257	0.5	272	0.5	478	0.9
1,009	2.1	1,324	2.6	1,302	2.5	1,496	2.7
91	0.2	56	0.1	51	0.1	48	0.1
855	1.8	842	1.7	935	1.8	934	1.7
-	-	1	0.0	2	0.0	1	0.0
-	-	3	0.0	2	0.0	3	0.0
13,920	28.7	13,858	27.6	14,488	27.8	15,678	28.7
5,952	12.3	6,076	12.1	6,402	12.3	6,656	12.2
2,074	4.3	2,105	4.2	2,218	4.3	2,302	4.2
194	0.4	204	0.4	246	0.5	268	0.5
160	0.3	198	0.4	224	0.4	199	0.4
1,608	3.3	1,085	2.2	1,263	2.4	1,676	3.1
157	0.3	135	0.3	129	0.2	129	0.2
1,136	2.3	1,062	2.1	1,216	2.3	1,203	2.2
917	1.9	854	1.7	808	1.5	884	1.6
1,918	4.0	1,932	3.9	1,897	3.6	2,027	3.7
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
6,945	14.3	7,629	15.2	7,704	14.7	7,610	13.9
-	-	-	-	-	-	-	-
48,536		50,178		52,168		54,560	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

Sebab kematian/ Causes of death	2006		2007	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	6,352	11.2	6,383	10.6
2. Neoplasms	7,226	12.7	7,921	13.2
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	527	0.9	633	1.1
4. Endocrine, nutritional and metabolic diseases	1,488	2.6	1,351	2.2
5. Mental and behavioural disorders	46	0.1	41	0.1
6. Diseases of the nervous system	828	1.5	870	1.4
7. Diseases of the eye and adnexa	1	0.0	1	0.0
8. Diseases of the ear and mastoid process	3	0.0	3	0.0
9. Diseases of the circulatory system	16,360	28.8	17,469	29.1
10. Diseases of the respiratory system	7,059	12.4	7,908	13.2
11. Diseases of the digestive system	2,327	4.1	2,428	4.0
12. Diseases of the skin and subcutaneous tissue	348	0.6	367	0.6
13. Diseases of the musculoskeletal system and connective tissue	281	0.5	316	0.5
14. Diseases of the genitourinary system	1,753	3.1	1,988	3.3
15. Pregnancy, childbirth and the puerperium	125	0.2	138	0.2
16. Certain conditions originating in the perinatal period	1,136	2.0	1,227	2.0
17. Congenital malformations, deformations and chromosomal abnormalities	898	1.6	872	1.5
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2,152	3.8	2,152	3.6
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	7,867	13.9	8,028	13.4
22. Factors influencing health status and contact with health services	-	-	-	-
Keseluruhan sebab All causes	56,777		60,096	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

2008		2009		2010		2011	
Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
6,456	10.0	6,983	10.3	7,088	10.3	6,857	9.7
8,451	13.1	8,687	12.9	9,043	13.2	9,594	13.5
584	0.9	664	1.0	576	0.8	525	0.7
1,411	2.2	1,531	2.3	1,360	2.0	1,171	1.7
32	0.0	5	0.0	16	0.0	27	0.0
940	1.5	894	1.3	947	1.4	956	1.3
1	0.0	2	0.0	2	0.0	-	-
2	0.0	6	0.0	3	0.0	6	0.0
18,661	28.9	18,598	27.6	18,842	27.5	19,895	28.1
9,038	14.0	10,269	15.2	10,367	15.1	11,311	16.0
2,798	4.3	2,774	4.1	2,679	3.9	2,855	4.0
445	0.7	550	0.8	540	0.8	616	0.9
324	0.5	416	0.6	446	0.7	486	0.7
2,119	3.3	2,267	3.4	2,563	3.7	2,577	3.6
133	0.2	134	0.2	128	0.2	134	0.2
1,249	1.9	1,383	2.0	1,355	2.0	1,292	1.8
955	1.5	1,028	1.5	990	1.4	1,064	1.5
2,388	3.7	2,474	3.7	2,734	4.0	2,740	3.9
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
8,600	13.3	8,823	13.1	8,839	12.9	8,729	12.3
-	-	-	-	-	-	-	-
64,587		67,488		68,518		70,835	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

Sebab kematian/ Causes of death	2012		2013	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	7,008	9.8	6,908	9.3
2. Neoplasms	9,717	13.5	10,141	13.7
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	521	0.7	545	0.7
4. Endocrine, nutritional and metabolic diseases	1,112	1.5	1,064	1.4
5. Mental and behavioural disorders	14	0.0	14	0.0
6. Diseases of the nervous system	971	1.4	1,035	1.4
7. Diseases of the eye and adnexa	1	0.0	1	0.0
8. Diseases of the ear and mastoid process	5	0.0	2	0.0
9. Diseases of the circulatory system	19,985	27.8	20,033	27.0
10. Diseases of the respiratory system	11,890	16.5	13,343	18.0
11. Diseases of the digestive system	2,997	4.2	2,968	4.0
12. Diseases of the skin and subcutaneous tissue	750	1.0	788	1.1
13. Diseases of the musculoskeletal system and connective tissue	544	0.8	537	0.7
14. Diseases of the genitourinary system	2,691	3.7	2,918	3.9
15. Pregnancy, childbirth and the puerperium	122	0.2	108	0.1
16. Certain conditions originating in the perinatal period	1,246	1.7	1,228	1.7
17. Congenital malformations, deformations and chromosomal abnormalities	1,008	1.4	985	1.3
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2,472	3.4	2,666	3.6
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	8,794	12.2	8,863	12.0
22. Factors influencing health status and contact with health services	-	-	-	-
Keseluruhan sebab All causes	71,848		74,147	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

2014		2015		2016		2017	
Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
7,353	9.5	6,362	7.9	6,688	7.8	6,920	7.1
10,798	14.0	11,136	13.8	11,892	13.9	13,771	14.1
554	0.7	600	0.7	610	0.7	639	0.7
1,194	1.5	1,272	1.6	1,443	1.7	2,095	2.2
17	0.0	10	0.0	3	0.0	27	0.0
1,134	1.5	1,112	1.4	1,265	1.5	1,379	1.4
2	0.0	4	0.0	-	-	5	0.0
7	0.0	8	0.0	6	0.0	6	0.0
20,988	27.1	21,978	27.2	22,802	26.6	27,342	28.1
13,757	17.8	14,937	18.5	15,907	18.6	18,640	19.1
3,180	4.1	3,239	4.0	3,494	4.1	3,864	4.0
881	1.1	948	1.2	1,049	1.2	1,334	1.4
664	0.9	733	0.9	755	0.9	857	0.9
3,271	4.2	3,356	4.2	3,752	4.4	4,391	4.5
118	0.2	124	0.2	148	0.2	127	0.1
1,219	1.6	1,255	1.6	1,247	1.5	1,334	1.4
1,056	1.4	953	1.2	1,052	1.2	1,000	1.0
2,565	3.3	4,099	5.1	4,565	5.3	4,640	4.8
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
8,607	11.1	8,565	10.6	8,959	10.5	9,069	9.3
-	-	-	-	-	-	-	-
77,365		80,691		85,637		97,440	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

Sebab kematian/ Causes of death	2018	
	Bil. No.	%
1. Certain infectious and parasitic diseases	7,519	6.4
2. Neoplasms	16,840	14.3
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	671	0.6
4. Endocrine, nutritional and metabolic diseases	4,252	3.6
5. Mental and behavioural disorders	107	0.1
6. Diseases of the nervous system	1,628	1.4
7. Diseases of the eye and adnexa	2	0.0
8. Diseases of the ear and mastoid process	11	0.0
9. Diseases of the circulatory system	36,334	31.0
10. Diseases of the respiratory system	21,466	18.3
11. Diseases of the digestive system	4,261	3.6
12. Diseases of the skin and subcutaneous tissue	1,472	1.3
13. Diseases of the musculoskeletal system and connective tissue	1,074	0.9
14. Diseases of the genitourinary system	4,965	4.2
15. Pregnancy, childbirth and the puerperium	118	0.1
16. Certain conditions originating in the perinatal period	1,324	1.1
17. Congenital malformations, deformations and chromosomal abnormalities	1,183	1.0
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	4,984	4.2
19. Injury, poisoning and certain other consequences of external causes	-	-
20. Codes for special purposes	-	-
21. External causes of morbidity and mortality	9,176	7.8
22. Factors influencing health status and contact with health services	-	-
Keseluruhan sebab All causes	117,387	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2022 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2022 (cont'd)

2019		2020		2021		2022	
Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
7,457	6.8	7,328	6.7	9,337	5.9	9,418	7.5
15,759	14.4	16,902	15.4	16,589	10.5	15,901	12.6
663	0.6	625	0.6	684	0.4	720	0.6
3,192	2.9	3,340	3.1	4,293	2.7	3,471	2.7
57	0.1	46	0.0	41	0.0	70	0.1
1,540	1.4	1,478	1.4	1,583	1.0	1,590	1.3
2	0.0	2	0.0	7	0.0	6	0.0
11	0.0	9	0.0	7	0.0	10	0.0
32,788	30.0	35,887	32.8	41,484	26.4	38,412	30.4
20,012	18.3	18,639	17.0	24,562	15.6	23,278	18.4
4,130	3.8	3,837	3.5	4,201	2.7	4,300	3.4
1,534	1.4	1,291	1.2	1,356	0.9	1,448	1.1
1,074	1.0	1,009	0.9	1,129	0.7	1,108	0.9
4,615	4.2	4,578	4.2	5,077	3.2	4,662	3.7
103	0.1	117	0.1	128	0.1	105	0.1
1,208	1.1	1,045	1.0	1,082	0.7	1,110	0.9
1,079	1.0	957	0.9	1,008	0.6	989	0.8
5,381	4.9	4,816	4.4	6,325	4.0	6,114	4.8
-	-	-	-	-	-	-	-
-	-	405	0.4	31,063	19.8	5,314	4.2
8,836	8.1	7,164	6.5	7,295	4.6	8,242	6.5
-	-	-	-	-	-	-	-
109,441		109,475		157,251		126,268	

Jadual 14.8: Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2022

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2022

Sebab kematian/ Causes of death	Tahun/ Year		
	2000	2001	2002
1. Malignant neoplasms of lip, oral cavity and pharynx	332	319	351
2. Malignant neoplasms of digestive organs	1,184	1,311	1,462
3. Malignant neoplasms of respiratory and intrathoracic organs	886	1,062	1,220
4. Malignant neoplasms of bone and articular cartilage	7	17	22
5. Melanoma and other malignant neoplasms of skin	45	25	41
6. Malignant neoplasms of mesothelial and soft tissue	57	55	51
7. Malignant neoplasms of breast	354	411	454
8. Malignant neoplasms of female genital organs	281	339	340
9. Malignant neoplasms of male genital organs	68	78	93
10. Malignant neoplasms of urinary tract	91	104	107
11. Malignant neoplasms of eye, brain and other parts of central nervous system	74	91	100
12. Malignant neoplasms of thyroid and other endocrine glands	53	61	68
13. Malignant neoplasms of ill-defined, secondary and unspecified sites	414	463	440
14. Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	556	619	672
15. Malignant neoplasms of independent (primary) multiple sites	18	1	8
16. In situ neoplasms	12	4	1
17. Benign neoplasms	34	33	39
18. Neoplasms of uncertain or unknown behaviour	223	238	272
Keseluruhan sebab All causes	4,689	5,231	5,741

Jadual 14.8: Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2022 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2022 (cont'd)

Tahun/ Year								
2003	2004	2005	2006	2007	2008	2009	2010	2011
386	390	395	400	414	471	482	484	508
1,509	1,618	1,641	1,867	2,080	2,200	2,310	2,382	2,569
1,169	1,268	1,360	1,423	1,524	1,658	1,606	1,637	1,689
24	24	33	19	30	16	13	10	18
32	40	59	43	47	59	70	66	70
58	58	91	79	86	91	101	113	117
465	534	595	684	744	824	873	867	909
397	407	429	463	542	542	604	585	637
98	106	98	127	146	147	185	175	204
125	154	142	151	191	181	191	251	238
86	101	98	107	118	119	95	123	138
78	79	72	82	102	101	109	104	113
526	487	529	502	594	635	545	738	851
719	787	777	861	869	908	992	994	1,011
4	7	15	14	9	20	25	14	34
2	1	2	1	3	3	6	6	4
41	41	60	59	54	67	54	48	50
278	285	301	344	368	409	426	446	434
5,997	6,387	6,697	7,226	7,921	8,451	8,687	9,043	9,594

Jadual 14.8: Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2022 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2022 (cont'd)

Sebab kematian/ Causes of death	Tahun/ Year		
	2012	2013	2014
1. Malignant neoplasms of lip, oral cavity and pharynx	427	454	469
2. Malignant neoplasms of digestive organs	2,582	2,680	2,784
3. Malignant neoplasms of respiratory and intrathoracic organs	1,796	1,895	1,820
4. Malignant neoplasms of bone and articular cartilage	15	17	13
5. Melanoma and other malignant neoplasms of skin	79	80	93
6. Malignant neoplasms of mesothelial and soft tissue	131	135	143
7. Malignant neoplasms of breast	977	1,033	1,061
8. Malignant neoplasms of female genital organs	644	673	708
9. Malignant neoplasms of male genital organs	201	215	287
10. Malignant neoplasms of urinary tract	221	251	294
11. Malignant neoplasms of eye, brain and other parts of central nervous system	122	125	144
12. Malignant neoplasms of thyroid and other endocrine glands	119	125	114
13. Malignant neoplasms of ill-defined, secondary and unspecified sites	882	947	1,125
14. Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	1,039	1,018	1,143
15. Malignant neoplasms of independent (primary) multiple sites	10	20	20
16. In situ neoplasms	6	1	5
17. Benign neoplasms	73	60	64
18. Neoplasms of uncertain or unknown behaviour	393	412	511
Keseluruhan sebab All causes	9,717	10,141	10,798

Jadual 14.8: Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2022 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2022 (cont'd)

Tahun/ Year							
2015	2016	2017	2018	2019	2020	2021	2022
514	527	664	757	669	720	680	603
2,952	3,123	3,812	5,166	4,645	5,309	5,161	4,722
1,909	1,958	2,375	2,966	2,808	2,895	2,828	2,819
15	34	52	97	59	109	111	81
93	103	129	137	132	135	120	129
165	160	192	237	251	229	194	221
1,070	1,251	1,686	1,978	1,871	1,952	1,932	1,922
726	765	913	1,152	1,130	1,197	1,125	1,139
254	318	443	533	498	544	573	507
272	322	351	421	443	465	453	400
156	138	186	303	268	368	387	358
150	144	177	238	213	208	238	200
1,054	1,202	698	696	617	653	658	632
1,171	1,218	1,352	1,440	1,412	1,431	1,491	1,461
11	3	-	1	-	-	-	-
6	7	11	11	5	10	8	9
66	90	109	114	115	103	106	117
552	529	621	593	623	574	524	581
11,136	11,892	13,771	16,840	15,759	16,902	16,589	15,901

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NOTA TEKNIKAL



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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1. PENDAHULUAN

Statistik kematian dan sebab kematian utama dalam penerbitan ini adalah berdasarkan rekod kematian yang didaftarkan di Jabatan Pendaftaran Negara (JPN). Statistik sebab kematian utama yang dipaparkan adalah mengikut kategori sebab kematian yang disahkan dan tidak disahkan secara perubatan.

Penyusunan statistik ini adalah berdasarkan konsep dan garis panduan daripada *Principles and Recommendations for a Vital Statistics System, Revision 3* yang diterbitkan oleh *United Nations Statistics Division* (2014) dan *International Statistical Classification of Diseases and Related Health Problems, 10th Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010).

2. INDIKATOR KEMATIAN

- 2.1 Indikator kematian dikira menggunakan anggaran penduduk pertengahan tahun semasa, kelahiran hidup dan kelahiran mati. Statistik kematian ini meliputi bilangan dan kadar kematian yang disusun mengikut bab iaitu kematian keseluruhan Malaysia, kematian perinatal, kematian neonatal, kematian bayi, kematian kanak-kanak, kematian kurang daripada 5 tahun, kematian ibu bersalin, kematian penduduk berumur 0–14 tahun, kematian penduduk berumur 15–40 tahun, kematian penduduk berumur 41–59 tahun, kematian penduduk berumur 60 tahun dan lebih dan kematian pramatang (30–69 tahun).
- 2.2 Semua indikator demografi yang melibatkan data penduduk tahun 2020 hingga 2022 telah disemak semula berasaskan data Banci Penduduk dan Perumahan Malaysia (Banci Malaysia 2020). Manakala, indikator bagi tahun 2011 hingga 2019 berasaskan data Banci Penduduk dan Perumahan Malaysia 2010 dan akan disemak semula.

3. LIPUTAN DAN KEKANGAN

3.1 Liputan

- 3.1.1 Rekod kematian yang diperolehi daripada JPN adalah meliputi seluruh Malaysia.
- 3.1.2 Kematian perinatal meliputi kelahiran mati dan kematian bayi yang berumur kurang daripada satu minggu. Walau bagaimanapun, sebab kematian perinatal hanya memaparkan sebab kematian bayi yang berumur kurang daripada satu minggu sahaja (sebab kematian bagi kelahiran mati tidak tersedia). Oleh itu, perangkaan sebab kematian perinatal lebih rendah berbanding bilangan kematian perinatal.

3.2 Kekangan

- 3.2.1 Maklumat kematian yang disusun dalam penerbitan ini adalah berdasarkan kepada rekod kematian yang dibekalkan oleh JPN.
- 3.2.2 Sebab kematian utama yang dipaparkan adalah bilangan kematian tertinggi bagi sebab kematian yang spesifik.
- 3.2.3 Penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian tidak diketahui. Selain itu, sebab kematian yang tidak spesifik juga tidak diambilkira (cth: *other heart diseases, all other diseases*) kerana ia tidak membawa erti apabila disusun mengikut keutamaan penyakit yang menyebabkan kematian. Pengguna dinasihatkan supaya berhati-hati dalam membuat interpretasi data.

4. TEMPAT KEDIAMAN

Statistik kematian dan sebab kematian yang dibentangkan adalah berasaskan tempat kediaman biasa si mati.

5. KUMPULAN ETNIK

Klasifikasi kumpulan etnik adalah berasaskan klasifikasi yang telah digunakan semasa Banci Penduduk dan Perumahan 2020. Klasifikasi adalah seperti berikut:

Warganegara

- Bumiputera
 - Melayu
 - Bumiputera lain
- Cina
- India
- Lain-lain

Bukan warganegara

6. PENGESAHAN SEBAB KEMATIAN

- 6.1 Maklumat sebab kematian terbahagi kepada dua iaitu sebab kematian yang disahkan secara perubatan dan tidak disahkan secara perubatan. Sebab kematian yang disahkan secara perubatan merujuk kepada pengesahan yang dibuat oleh Pegawai Perubatan dan Koroner sahaja. Koroner merupakan pegawai awam yang menyiasat kes kematian mengejut yang puncanya disyaki ada kaitan dengan kes jenayah. Sebab kematian yang tidak disahkan secara perubatan merujuk kepada pengesahan yang dibuat oleh pengesah yang tidak mempunyai kelayakan perubatan seperti polis atau orang perseorangan.
- 6.2 Kementerian Kesihatan Malaysia (KKM) telah melaksanakan verifikasi data penyebab kematian yang tidak disahkan secara perubatan di Malaysia untuk meningkatkan peratusan sebab kematian yang disahkan secara perubatan. Sistem ini dikenali sebagai 'Sistem Verifikasi Data Penyebab Kematian Yang Tidak Disahkan Secara Perubatan'.

- 6.3 Sistem Verifikasi Data Penyebab Kematian Yang Tidak Disahkan Secara Perubatan ini adalah bertujuan untuk menambah baik pelaporan dan penulisan sebab kematian yang berlaku di luar premis kesihatan (hospital) dan tidak bertujuan untuk mengubah mana-mana Akta sedia ada, tidak boleh digunakan untuk mengubah sebab kematian sedia ada dalam pendaftaran di Jabatan Pendaftaran Negara (JPN) dan tidak boleh digunakan untuk kes-kes mahkamah.

7. PENGEKODAN SEBAB KEMATIAN

Sebab kematian yang disahkan secara perubatan dikod berdasarkan *International Statistical Classification of Diseases and Related Health Problem, 10th Revision (ICD-10)*. Sebab kematian yang tidak disahkan secara perubatan dikod berdasarkan Buku Kod Sebab Kematian Yang Tidak Disahkan Versi 3 yang telah dibangunkan oleh Jabatan Perangkaan Malaysia berdasarkan persetujuan dengan pihak Kementerian Kesihatan Malaysia, Jabatan Pendaftaran Negara, Polis Diraja Malaysia dan Dewan Bandaraya Kuala Lumpur.

8. MATLAMAT PEMBANGUNAN MAMPAN (SDG)

Pada bulan September 2015, Malaysia menyatakan komitmen dan sokongan untuk melaksanakan Agenda 2030 ke arah Matlamat Pembangunan Mampan (SDG) dari tahun 2016 hingga 2030.

SDG mengandungi 17 Matlamat, 169 Sasaran dan 248 Indikator. Perangkaan Sebab Kematian merupakan sebahagian daripada indikator yang disenaraikan dalam Matlamat 3: Memastikan kehidupan yang sihat dan mempromosikan kesejahteraan untuk semua peringkat umur. Terdapat dua indikator yang berkaitan iaitu indikator 3.4.1 dan 3.4.2.

Konsep dan definisi bagi indikator SDG adalah berdasarkan kepada metadata yang dikeluarkan oleh Pertubuhan Bangsa-bangsa Bersatu (PBB) dan *World Health Organization (WHO)*.

- i. Kadar mortaliti berpunca daripada *Cardiovascular diseases, Cancer, Diabetes* dan *Chronic respiratory diseases* adalah kematian bagi setiap 100,000 penduduk yang berumur 30 hingga 69 tahun.

Kod ICD-10 bagi *Cardiovascular diseases*, *Cancer*, *Diabetes* dan *Chronic respiratory diseases* adalah I00-I99, C00-C97, E10-E14 dan J30-J98.

- ii. Kadar kematian bunuh diri adalah bilangan bunuh diri bagi setiap 100,000 penduduk. Kod ICD-10 untuk bunuh diri adalah X60-X84 (*Intentional Self-harm*).

9. KONSEP

- i. **Kelahiran mati**

Merujuk kepada kelahiran selepas kehamilan 28 minggu atau lebih yang tiada tanda bernyawa semasa dilahirkan.

- ii. **Kematian perinatal**

Merujuk kepada kelahiran mati dan kematian bayi yang berumur kurang daripada satu minggu.

- iii. **Kematian neonatal awal**

Merujuk kepada kematian bayi yang berumur kurang daripada satu minggu.

- iv. **Kematian neonatal akhir**

Merujuk kepada kematian bayi yang berumur 7 hingga kurang daripada 28 hari.

- v. **Kematian neonatal**

Merujuk kepada kematian bayi yang berumur kurang daripada 28 hari.

- vi. **Kematian bayi**

Merujuk kepada kematian bayi yang berumur kurang daripada 1 tahun.

- vii. **Kematian kanak-kanak**

Merujuk kepada kematian kanak-kanak yang berumur 1 hingga 4 tahun.

viii. Kematian kurang daripada 5 tahun

Merujuk kepada kematian bayi dan kanak-kanak yang berumur kurang daripada 5 tahun.

ix. Kematian ibu bersalin

Merujuk kepada kematian seorang wanita ketika melahirkan anak atau 42 hari dalam tempoh selepas melahirkan anak atau keguguran akibat daripada proses kehamilan dan pengendaliannya atau penyakit-penyakit yang menjejaskan kesihatan ibu dan bukan daripada penyebab kemalangan atau kebetulan.

x. Kematian penduduk umur 0–14 tahun

Merujuk kepada kematian penduduk yang berumur 0 hingga 14 tahun.

xi. Kematian penduduk umur 15–40 tahun

Merujuk kepada kematian penduduk yang berumur 15 hingga 40 tahun.

xii. Kematian penduduk umur 41–59 tahun

Merujuk kepada kematian penduduk yang berumur 41 hingga 59 tahun.

xiii. Kematian penduduk berumur 60 tahun dan lebih

Merujuk kepada kematian penduduk yang berumur 60 tahun dan lebih.

xiv. Kematian pramatang

Merujuk kepada kematian penduduk yang berumur 30 hingga 69 tahun.

10. FORMULA**i. Kadar kematian kasar**

$$= \frac{\text{Bilangan kematian dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun dalam tahun } t} \times 1,000$$

ii. Kadar kelahiran mati

$$= \frac{\text{Bilangan kelahiran mati dalam tahun } t}{(\text{Bilangan kelahiran hidup} + \text{bilangan kelahiran mati}) \text{ dalam tahun } t} \times 1,000$$

iii. Kadar mortaliti perinatal

$$= \frac{(\text{Bilangan kematian umur kurang daripada 1 minggu} + \text{bilangan kelahiran mati}) \text{ dalam tahun } t}{(\text{Bilangan kelahiran hidup} + \text{bilangan kelahiran mati}) \text{ dalam tahun } t} \times 1,000$$

iv. Kadar mortaliti neonatal awal

$$= \frac{\text{Bilangan kematian umur kurang daripada 1 minggu dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 1,000$$

v. Kadar mortaliti neonatal akhir

$$= \frac{\text{Bilangan kematian umur 7 hingga kurang daripada 28 hari dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 1,000$$

vi. Kadar mortaliti neonatal

$$= \frac{\text{Bilangan kematian umur kurang daripada 28 hari dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 1,000$$

vii. Kadar mortaliti bayi

$$= \frac{\text{Bilangan kematian umur kurang daripada 1 tahun dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 1,000$$

viii. Kadar mortaliti kanak-kanak

$$= \frac{\text{Bilangan kematian umur 1–4 tahun dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun bagi umur 1–4 tahun dalam tahun } t} \times 1,000$$

ix. Kadar mortaliti kurang daripada 5 tahun

$$= \frac{\text{Bilangan kematian berumur kurang daripada 5 tahun dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 1,000$$

x. Nisbah mortaliti ibu bersalin

$$= \frac{\text{Bilangan kematian yang disebabkan oleh kesulitan semasa hamil atau semasa melahirkan anak atau kematian dalam tempoh 42 hari selepas bersalin dalam tahun } t}{\text{Bilangan kelahiran hidup dalam tahun } t} \times 100,000$$

xi. Kadar mortaliti penduduk 0–14 tahun

$$= \frac{\text{Bilangan kematian penduduk berumur 0–14 tahun dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun berumur 0–14 tahun dalam tahun } t} \times 1,000$$

xii. Kadar mortaliti penduduk 15–40 tahun

$$= \frac{\text{Bilangan kematian penduduk berumur 15–40 tahun dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun berumur 15–40 tahun dalam tahun } t} \times 1,000$$

xiii. Kadar mortaliti penduduk 41–59 tahun

$$= \frac{\text{Bilangan kematian penduduk berumur 41–59 tahun dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun berumur 41–59 tahun dalam tahun } t} \times 1,000$$

xiv. Kadar mortaliti penduduk 60 tahun dan lebih

$$= \frac{\text{Bilangan kematian penduduk berumur 60 tahun dan lebih dalam tahun t}}{\text{Bilangan penduduk pertengahan tahun berumur 60 tahun dan lebih tahun dalam tahun t}} \times 1,000$$

xv. Kadar mortaliti pramatang

$$= \frac{\text{Bilangan kematian penduduk berumur 30 hingga 69 tahun dalam tahun t}}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun t}} \times 1,000$$

xvi. Kadar kematian berpunca daripada *Cardiovascular diseases*

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Cardiovascular diseases* yang berumur 30 hingga 69 tahun dalam tahun t}}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun t}} \times 100,000$$

xvii. Kadar kematian berpunca daripada *Cancer*

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Cancer* yang berumur 30 hingga 69 tahun dalam tahun t}}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun t}} \times 100,000$$

xviii. Kadar kematian berpunca daripada *Diabetes*

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Diabetes* yang berumur 30 hingga 69 tahun dalam tahun t}}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun t}} \times 100,000$$

xix. Kadar kematian berpunca daripada *Chronic respiratory diseases*

$$= \frac{\begin{array}{l} \text{Bilangan kematian penduduk yang berpunca} \\ \text{daripada } \textit{Chronic respiratory diseases} \text{ yang berumur} \\ \text{30 hingga 69 tahun dalam tahun } t \end{array}}{\begin{array}{l} \text{Bilangan penduduk pertengahan tahun berumur} \\ \text{30 hingga 69 tahun dalam tahun } t \end{array}} \times 100,000$$

xx. Kadar kematian bunuh diri

$$= \frac{\text{Bilangan kematian bunuh diri dalam tahun } t}{\text{Bilangan penduduk pertengahan tahun dalam tahun } t} \times 100,000$$

11. NOTA DAN SIMBOL

- Tiada nilai/kosong/tiada kes
- 0.0 Kurang daripada setengah unit terkecil yang ditunjukkan
- W.P. Wilayah Persekutuan

TECHNICAL NOTES



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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1. INTRODUCTION

Statistics on deaths and principal causes of death in this publication are produced based on death records registered at the National Registration Department (NRD). Statistics on principal causes of death are presented according to the causes of death by category that are medically certified and non-medically certified.

The compilation of these statistics are based on the concepts and guidelines from Principles and Recommendations for a Vital Statistics System, Revision 3 published by the United Nations Statistics Division (2014) and the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10) published by the World Health Organization (2010).

2. DEATH INDICATORS

- 2.1 *Death indicators are calculated using the current mid-year population estimates, live births and stillbirths. The death statistics cover the number of deaths as well as death rates that are compiled according to chapters namely total deaths in Malaysia, perinatal deaths, neonatal deaths, infant deaths, toddler deaths, under-5 deaths, maternal deaths, deaths of the population aged 0–14 year, deaths of the population aged 15–40 year, deaths of the population aged 41–59 year, deaths of the population aged 60 year and over and premature deaths (30-69 year).*
- 2.2 *The demographic indicators that involved population data for 2020 to 2022 have been revised based on Population and Housing Census of Malaysia 2020 (MyCensus 2020). Meanwhile, the indicators for 2011 to 2019 are based on Population and Housing Census of Malaysia 2010 and will be revised later.*

3. COVERAGE AND LIMITATION

3.1 Coverage

- 3.1.1 *The record of deaths received from the NRD covers the whole of Malaysia.*
- 3.1.2 *Perinatal deaths cover stillbirths and infant deaths aged less than one week. However, the causes of perinatal death only show causes of infant death aged less than one week (the cause of death for stillbirths are not available). Therefore, the statistics on causes of perinatal deaths are less than the number of perinatal deaths.*

3.2 Limitation

- 3.2.1 *The death information compiled in this publication is based on the death records provided by NRD.*
- 3.2.2 *The principal causes of death present the highest number of specific causes of death.*
- 3.2.3 *The compilation of the principal causes of death presented excludes unknown causes of death. Besides that, unspecific causes of death are also excluded (e.g.: other heart diseases, all other diseases) because it becomes meaningless when it is sorted by principal diseases that causes death. Users are advised to be cautious in making data interpretation.*

4. PLACE OF RESIDENCE

Deaths and causes of death statistics presented by state are based on place of usual residence of the deceased.

5. ETHNIC GROUP

Classification of ethnic groups is based on the classification used in the Population and Housing Census 2020. The classification is as follows:

Citizens

Bumiputera
Malay
Other Bumiputera
Chinese
Indians
Others

Non-citizens**6. VERIFICATION ON CAUSES OF DEATH**

- 6.1 Information on the causes of death is divided into two categories which are medically certified and non-medically certified. Medically certified causes of death refer to verification made by the Medical Officer and Coroner only. The coroner is a public officer who investigated sudden death cases where the cause is suspected to be related to a criminal case. Non-medically certified causes of death refer to verification made by informants without medical qualifications such as the police or individuals.
- 6.2 Ministry of Health (MoH) has implemented the verification of non-medically certified causes of death in Malaysia to increase the percentage of medically certified causes of death. The system is known as 'Data Verification on Non-medically Certified Causes of Death System'.
- 6.3 Data Verification on Non-medically Certified Causes of Death System is intended to improve the reporting and writing for the causes of death that occurred outside the health facilities (hospitals) and are not intended to alter any of the existing Act, cannot be used for changing the existing causes of death registered at the National Registration Department (NRD) and is not unfitting to be used for court cases.

7. CODING ON CAUSES OF DEATH

Medically certified causes of death are coded based on the International Statistical Classification of Diseases and Related Health Problem, 10th Revision (ICD-10). Not medically certified causes of death are coded based on Code Book for Uncertified Causes of Deaths Version 3 developed by the Department of Statistics, Malaysia as agreed by the Ministry of Health Malaysia, National Registration Department, Royal Malaysia Police and Kuala Lumpur City Hall.

8. SUSTAINABLE DEVELOPMENT GOALS (SDG)

In September 2015, Malaysia expressed its commitment and support for implementing the 2030 Agenda towards the Sustainable Development Goals (SDG) from 2016 to 2030.

The SDG contains 17 Goals, 169 Targets and 248 Indicators. The statistics on causes of death are part of the indicators listed in Goal 3: Ensure healthy lives and promote well-being for all at all ages. There are two related indicators which are indicator 3.4.1 and 3.4.2.

The concepts and definitions for SDG indicators are based on metadata published by United Nations (UN) and World Health Organization (WHO).

- i. Mortality rate attributed to Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases defined as the number of death per 100,000 population for population aged 30 to 69 years. The ICD-10 code for Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases are I00-I99, C00-C97, E10-E14 and J30-J98.
- ii. Suicide mortality rate is the number of suicide deaths per 100,000 population. The ICD-10 code for suicide are X60-X84 (Intentional Self-harm).

9. CONCEPTS

i. Stillbirths

Refer to births after 28 completed weeks or more of gestation without any sign of life during delivery.

ii. Perinatal deaths

Refer to stillbirths and death of infants aged less than one week.

iii. Early neonatal deaths

Refer to death of infants aged less than one week.

iv. Late neonatal deaths

Refer to death of infants aged 7 to less than 28 days.

v. Neonatal deaths

Refer to death of infants aged less than 28 days.

vi. Infant deaths

Refer to death of infants aged less than 1 year.

vii. Toddler deaths

Refer to death of toddlers aged 1 to 4 years.

viii. Under-5 deaths

Refer to the death of infants and toddlers aged below 5 years.

ix. Maternal deaths

Refers to deaths of a woman while pregnant or within 42 days after the termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental causes.

x. Deaths of population aged 0–14 years

Refer to deaths of the population aged 0 to 14 years.

xi. Deaths of population aged 15–40 years

Refer to deaths of the population aged 15 to 40 years.

xii. Deaths of population aged 41–59 years

Refer to deaths of the population aged 41 to 59 years.

xiii. Deaths of population aged 60 years and over

Refer to deaths of the population aged 60 years and over.

xiv. Premature deaths

Refer to deaths of the population aged 30 to 69 years.

10. FORMULA**i. Crude Death Rate (CDR)**

$$= \frac{\text{Number of deaths in year } t}{\text{Number of mid-year population in year } t} \times 1,000$$

ii. Stillbirth Rate (SBR)

$$= \frac{\text{Number of stillbirths in year } t}{(\text{Number of live births} + \text{number of stillbirths}) \text{ in year } t} \times 1,000$$

iii. Perinatal Mortality Rate (PMR)

$$= \frac{(\text{Number of deaths under 1 week} + \text{number of stillbirths}) \text{ in year } t}{(\text{Number of live births} + \text{number of stillbirths}) \text{ in year } t} \times 1,000$$

iv. Early Neonatal Mortality Rate (ENMR)

$$= \frac{\text{Number of deaths under 1 week in year } t}{\text{Number of live births in year } t} \times 1,000$$

v. Late Neonatal Mortality Rate (LNMR)

$$= \frac{\text{Number of deaths aged 7 to less than 28 days in year } t}{\text{Number of live births in year } t} \times 1,000$$

vi. Neonatal Mortality Rate (NMR)

$$= \frac{\text{Number of deaths aged under 28 days in year } t}{\text{Number of live births in year } t} \times 1,000$$

vii. Infant Mortality Rate (IMR)

$$= \frac{\text{Number of deaths under 1 year in year } t}{\text{Number of live births in year } t} \times 1,000$$

viii. Toddler Mortality Rate (TMR)

$$= \frac{\text{Number of deaths aged 1–4 years in year } t}{\text{Number of mid-year population aged 1–4 years in year } t} \times 1,000$$

ix. Under-5 Mortality Rate (U5MR)

$$= \frac{\text{Number of deaths under 5 years in year } t}{\text{Number of live births in year } t} \times 1,000$$

x. Maternal Mortality Ratio (MMR)

$$= \frac{\begin{array}{l} \text{Number of deaths which are caused by complications} \\ \text{of pregnancy, childbirth and the puerperium, within the} \\ \text{period of 42 days after childbirth in year } t \end{array}}{\text{Number of live births in year } t} \times 100,000$$

xi. Mortality rate of population aged 0–14 years

$$= \frac{\begin{array}{l} \text{Number of deaths of population aged 0–14 years} \\ \text{in year } t \end{array}}{\text{Number of mid-year population aged 0–14 years in year } t} \times 1,000$$

xii. Mortality rate of population aged 15–40 years

$$= \frac{\begin{array}{l} \text{Number of deaths of population aged 15–40 years} \\ \text{in year } t \end{array}}{\text{Number of mid-year population aged 15–40 years in year } t} \times 1,000$$

xiii. Mortality rate of population aged 41–59 years

$$= \frac{\text{Number of deaths of population aged 41–59 years in year } t}{\text{Number of mid-year population aged 41–59 years in year } t} \times 1,000$$

xiv. Mortality rate of population aged 60 years and over

$$= \frac{\text{Number of deaths of population aged 60 years and over in year } t}{\text{Number of mid-year population aged 60 years and over in year } t} \times 1,000$$

xv. Premature mortality rate

$$= \frac{\text{Number of deaths of population aged 30 to 69 years in year } t}{\text{Number of mid-year population aged 30 to 69 years in year } t} \times 1,000$$

xvi. Mortality rate attributed to Cardiovascular diseases

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Cardiovascular diseases in year } t}{\text{Number of mid-year population aged 30 to 69 years in year } t} \times 100,000$$

xvii. Mortality rate attributed to Cancer

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Cancer in year } t}{\text{Number of mid-year population aged 30 to 69 years in year } t} \times 100,000$$

xviii. Mortality rate attributed to Diabetes

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Diabetes in year } t}{\text{Number of mid-year population aged 30 to 69 years in year } t} \times 100,000$$

xix. Mortality rate attributed to Chronic respiratory diseases

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Chronic respiratory diseases in year } t}{\text{Number of mid-year population aged 30 to 69 years in year } t} \times 100,000$$

xx. Suicide mortality rate

$$= \frac{\text{Number of Suicide in year } t}{\text{Number of mid-year population in year } t} \times 100,000$$

11. NOTES AND SYMBOLS

- Nil/blank/no cases
- 0.0 Less than half smallest unit shown
- W.P. Federal Territory

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LAMPIRAN

APPENDICES



PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2023

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2023

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Lampiran A : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan

Appendix A : Special tabulation list for medically certified causes of death

Mortality Tabulation List 1

General mortality

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
1	<i>Certain infectious and parasitic diseases</i>	A00-B99
2	<i>Cholera</i>	A00
3	<i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	A09
4	<i>Other intestinal infectious diseases</i>	A01-A08
5	<i>Respiratory tuberculosis</i>	A15-A16
6	<i>Other tuberculosis</i>	A17-A19
7	<i>Plague</i>	A20
8	<i>Tetanus</i>	A33-A35
9	<i>Diphtheria</i>	A36
10	<i>Whooping cough</i>	A37
11	<i>Meningococcal infection</i>	A39
12	<i>Septicaemia</i>	A40-A41
13	<i>Infections with a predominantly sexual mode of transmission</i>	A50-A64
14	<i>Acute poliomyelitis</i>	A80
15	<i>Rabies</i>	A82
16	<i>Yellow fever</i>	A95
17	<i>Other arthropod-borne viral fevers and viral haemorrhagic fevers</i>	A90-A94, A96-A99
18	<i>Measles</i>	B05
19	<i>Viral hepatitis</i>	B15-B19
20	<i>Human immunodeficiency virus (HIV) disease</i>	B20-B24

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
21	<i>Malaria</i>	B50-B54
22	<i>Leishmaniasis</i>	B55
23	<i>Trypanosomiasis</i>	B56-B57
24	<i>Schistosomiasis</i>	B65
25	<i>Remainder of certain infectious and parasitic diseases</i>	A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99
26	Neoplasms	C00-D48
27	<i>Malignant neoplasm of lip, oral cavity and pharynx</i>	C00-C14
28	<i>Malignant neoplasm of oesophagus</i>	C15
29	<i>Malignant neoplasm of stomach</i>	C16
30	<i>Malignant neoplasm of colon, rectum and anus</i>	C18-C21
31	<i>Malignant neoplasm of liver and intraphectic bile duct</i>	C22
32	<i>Malignant neoplasm of pancreas</i>	C25
33	<i>Malignant neoplasm of larynx</i>	C32
34	<i>Malignant neoplasm of trachea, bronchus and lung</i>	C33-C34
35	<i>Malignant neoplasm of skin</i>	C43
36	<i>Malignant neoplasm of breast</i>	C50
37	<i>Malignant neoplasm of cervix uteri</i>	C53
38	<i>Malignant neoplasm of other and unspecified parts of uterus</i>	C54-C55
39	<i>Malignant neoplasm of ovary</i>	C56

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
40	<i>Malignant neoplasm of prostate</i>	C61
41	<i>Malignant neoplasm of bladder</i>	C67
42	<i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	C70-C72
43	<i>Non-Hodgkin's lymphoma</i>	C83-C85
44	<i>Multiple myeloma and malignant plasma cell neoplasms</i>	C90
45	<i>Leukaemia</i>	C91-C95
46	<i>Remainder of malignant neoplasms</i>	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97
47	<i>Remainder of neoplasms</i>	D00-D48
48	<i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D50-D89
49	<i>Anaemias</i>	D50-D64
50	<i>Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D65-D89
51	<i>Endocrine, nutritional and metabolic diseases</i>	E00-E88
52	<i>Diabetes mellitus</i>	E10-E14

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
53	Malnutrition	E40-E46
54	Remainder of endocrine, nutritional and metabolic diseases	E00-E07, E15-E34, E50-E88
55	Mental and behavioural disorders	F01-F99
56	Mental and behavioural disorders due to psychoactive substance use	F10-F19
57	Remainder of mental and behavioural disorders	F01-F09, F20-F99
58	Diseases of the nervous system	G00-G98
59	Meningitis	G00, G03
60	Alzheimer's disease	G30
61	Remainder of diseases of the nervous system	G04-G25, G31-G98
62	Diseases of the eye and adnexa	H00-H57
63	Diseases of the ear and mastoid process	H60-H93
64	Diseases of the circulatory system	I00-I99
65	Acute rheumatic fever and chronic rheumatic heart diseases	I00-I09
66	Hypertensive diseases	I10-I13
67	Ischaemic heart diseases	I20-I25
68	Other heart diseases	I26-I51
69	Cerebrovascular diseases	I60-I69
70	Atherosclerosis	I70
71	Remainder of diseases of the circulatory system	I71-I99
72	Diseases of the respiratory system	J00-J98
73	Influenza	J10-J11
74	Pneumonia	J12-J18
75	Other acute lower respiratory infections	J20-J22

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
76	<i>Chronic lower respiratory diseases</i>	J40-J47
77	<i>Remainder of diseases of the respiratory system</i>	J00-J06, J30-J39, J60-J98
78	<i>Diseases of the digestive system</i>	K00-K92
79	<i>Gastric and duodenal ulcer</i>	K25-K27
80	<i>Diseases of the liver</i>	K70-K76
81	<i>Remainder of diseases of the digestive system</i>	K00-K22, K28-K66, K80-K92
82	<i>Diseases of the skin and subcutaneous tissue</i>	L00-L98
83	<i>Diseases of the musculoskeletal system and connective tissue</i>	M00-M99
84	<i>Diseases of the genitourinary system</i>	N00-N98
85	<i>Glomerular and renal tubulo-interstitial diseases</i>	N00-N15
86	<i>Remainder of diseases of the genitourinary system</i>	N17-N98
87	<i>Pregnancy, childbirth and puerperium</i>	O00-O99
88	<i>Pregnancy with abortive outcome</i>	O00-O07
89	<i>Other direct obstetric deaths</i>	O10-O92
90	<i>Indirect obstetric deaths</i>	O98-O99
91	<i>Remainder of pregnancy, childbirth and the puerperium</i>	O95-O97
92	<i>Certain conditions originating in the perinatal period</i>	P00-P96
93	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	Q00-Q99
94	<i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R99
95	<i>External causes of morbidity and mortality</i>	V01-Y89
96	<i>Transport accidents</i>	V01-V99
97	<i>Falls</i>	W00-W19
98	<i>Accidental drowning and submersion</i>	W65-W74

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
99	<i>Exposure to smoke, fire and flames</i>	X00-X09
100	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
101	<i>Intentional self-harm</i>	X60-X84
102	<i>Assault</i>	X85-Y09
103	<i>All other external causes</i>	W20-W64, W75-W99, X10- X39, X50-X59, Y10-Y89

Lampiran B : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan

Appendix B : Special tabulation list for medically certified causes of death

Mortality Tabulation List 2

General mortality

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
1	<i>Cholera</i>	A00
2	<i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	A09
3	<i>Other intestinal infectious diseases</i>	A01-A08
4	<i>Respiratory tuberculosis</i>	A15-A16
5	<i>Other tuberculosis</i>	A17-A19
6	<i>Plague</i>	A20
7	<i>Tetanus</i>	A33-A35
8	<i>Diphtheria</i>	A36
9	<i>Whooping cough</i>	A37
10	<i>Meningococcal infection</i>	A39
11	<i>Septicaemia</i>	A40-A41
12	<i>Infections with a predominantly sexual mode of transmission</i>	A50-A64
13	<i>Acute poliomyelitis</i>	A80
14	<i>Rabies</i>	A82
15	<i>Yellow fever</i>	A95
16	<i>Other arthropod-borne viral fevers and viral haemorrhagic fevers</i>	A90-A94, A96-A99
17	<i>Measles</i>	B05
18	<i>Viral hepatitis</i>	B15-B19
19	<i>Human immunodeficiency virus (HIV) disease</i>	B20-B24

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
20	<i>Malaria</i>	B50-B54
21	<i>Leishmaniasis</i>	B55
22	<i>Trypanosomiasis</i>	B56-B57
23	<i>Schistosomiasis</i>	B65
24	<i>Remainder of certain infectious and parasitic diseases</i>	A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99
25	<i>Malignant neoplasm of lip, oral cavity and pharynx</i>	C00-C14
26	<i>Malignant neoplasm of oesophagus</i>	C15
27	<i>Malignant neoplasm of stomach</i>	C16
25	<i>Malignant neoplasm of colon, rectum and anus</i>	C18-C21
29	<i>Malignant neoplasm of liver and intraphectic bile duct</i>	C22
30	<i>Malignant neoplasm of pancreas</i>	C25
31	<i>Malignant neoplasm of larynx</i>	C32
32	<i>Malignant neoplasm of trachea, bronchus and lung</i>	C33-C34
33	<i>Malignant neoplasm of skin</i>	C43
34	<i>Malignant neoplasm of breast</i>	C50
35	<i>Malignant neoplasm of cervix uteri</i>	C53
36	<i>Malignant neoplasm of other and unspecified parts of uterus</i>	C54-C55
37	<i>Malignant neoplasm of ovary</i>	C56
38	<i>Malignant neoplasm of prostate</i>	C61

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
39	<i>Malignant neoplasm of bladder</i>	C67
40	<i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	C70-C72
41	<i>Non-Hodgkin's lymphoma</i>	C83-C85
42	<i>Multiple myeloma and malignant plasma cell neoplasms</i>	C90
43	<i>Leukaemia</i>	C91-C95
44	<i>Remainder of malignant neoplasms</i>	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97
45	<i>Anaemias</i>	D50-D64
46	<i>Diabetes mellitus</i>	E10-E14
47	<i>Malnutrition</i>	E40-E46
48	<i>Mental and behavioural disorders due to psychoactive substance use</i>	F10-F19
49	<i>Meningitis</i>	G00, G03
50	<i>Alzheimer's disease</i>	G30
51	<i>Acute rheumatic fever and chronic rheumatic heart diseases</i>	I00-I09
52	<i>Hypertensive diseases</i>	I10-I13
53	<i>Ischaemic heart diseases</i>	I20-I25
54	<i>Other heart diseases</i>	I26-I51

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
55	<i>Cerebrovascular diseases</i>	I60-I69
56	<i>Atherosclerosis</i>	I70
57	<i>Remainder of diseases of the circulatory system</i>	I71-I99
58	<i>Influenza</i>	J10-J11
59	<i>Pneumonia</i>	J12-J18
60	<i>Other acute lower respiratory infections</i>	J20-J22
61	<i>Chronic lower respiratory diseases</i>	J40-J47
62	<i>Remainder of diseases of the respiratory system</i>	J00-J06, J30-J39, J60-J98
63	<i>Gastric and duodenal ulcer</i>	K25-K27
64	<i>Diseases of the liver</i>	K70-K76
65	<i>Glomerular and renal tubulo-interstitial diseases</i>	N00-N15
66	<i>Pregnancy with abortive outcome</i>	O00-O07
67	<i>Other direct obstetric deaths</i>	O10-O92
68	<i>Indirect obstetric deaths</i>	O98-O99
69	<i>Certain conditions originating in the perinatal period</i>	P00-P96
70	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	Q00-Q99
71	<i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R99
72	<i>All other diseases</i>	D00-D48, D65-D89, E00-E07, E15-E34, E50-E88, F01-F09, F20-F99, G04-G25, G31-G98, H00-H93, K00-K22, K28-K66, K80-K92, L00-

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
		L98, M00-M99, N17-N98, O95- O97
73	<i>Transport accidents</i>	V01-V99
74	<i>Falls</i>	W00-W19
75	<i>Accidental drowning and submersion</i>	W65-W74
76	<i>Exposure to smoke, fire and flames</i>	X00-X09
77	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
78	<i>Intentional self-harm</i>	X60-X84
79	<i>Assault</i>	X85-Y09
80	<i>All other external causes</i>	W20-W64, W75-W99, X10- X39, X50-X59, Y10-Y89
81	SARS	U04

Lampiran C : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan

Appendix C : Special tabulation list for medically certified causes of death

*Mortality Tabulation List 3
Infant and child mortality*

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
1	Certain infectious and parasitic diseases	A00-B99
2	<i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	A09
3	<i>Other intestinal infectious diseases</i>	A00-A08
4	<i>Tuberculosis</i>	A15-A19
5	<i>Tetanus</i>	A33-A35
6	<i>Diphtheria</i>	A36
7	<i>Whooping cough</i>	A37
8	<i>Meningococcal infection</i>	A39
9	<i>Sepsis</i>	A40-A41
10	<i>Acute poliomyelitis</i>	A80
11	<i>Measles</i>	B05
12	<i>Human immunodeficiency virus (HIV) disease</i>	B20-B24
13	<i>Other viral diseases</i>	A81-B04, B06-B19, B25-B34,
14	<i>Malaria</i>	B50-B54
15	<i>Remainder of certain infectious and parasitic diseases</i>	A20-A32, A38, A42-A79, B35-B49, B58-B94, B99
16	Neoplasms	C00-D48

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
17	<i>Leukaemia</i>	C91-C95
18	<i>Remainder of malignant neoplasms</i>	C00-C90, C96-C97
19	<i>Remainder of neoplasms</i>	D00-D48
20	<i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D50-D89
21	<i>Anaemias</i>	D50-D64
22	<i>Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D65-D89
23	<i>Endocrine, nutritional and metabolic diseases</i>	E00-E88
24	<i>Malnutrition and other nutritional deficiencies</i>	E40-E64
25	<i>Remainder of endocrine, nutritional and metabolic diseases</i>	E00-E34, E65-E88
26	<i>Diseases of the nervous system</i>	G00-G98
27	<i>Meningitis</i>	G00, G03
28	<i>Remainder of diseases of the nervous system</i>	G04-G98
29	<i>Diseases of the ear and mastoid process</i>	H60-H93
30	<i>Diseases of the circulatory system</i>	I00-I99
31	<i>Diseases of the respiratory system</i>	J00-J98
32	<i>Pneumonia</i>	J12-J18
33	<i>Other acute respiratory infections</i>	J00-J11, J20-J22
34	<i>Remainder of diseases of the respiratory system</i>	J30-J98
35	<i>Diseases of the digestive system</i>	K00-K92
36	<i>Diseases of the genitourinary system</i>	N00-N98
37	<i>Certain conditions originating in the perinatal period</i>	P00-P96

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
38	<i>Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery</i>	P00-P04
39	<i>Disorder relating to length of gestation and fetal growth</i>	P05-P08
40	<i>Birth trauma</i>	P10-P15
41	<i>Intrauterine hypoxia and birth asphyxia</i>	P20-P21
42	<i>Respiratory distress of newborn</i>	P22
43	<i>Congenital pneumonia</i>	P23
44	<i>Other respiratory conditions of newborn</i>	P24-P28
45	<i>Bacterial sepsis of newborn</i>	P36
46	<i>Omphalitis of newborn with or without mild haemorrhage</i>	P38
47	<i>Haemorrhagic and haematological disorders of fetus and newborn</i>	P50-P61
48	<i>Remainder of perinatal conditions</i>	P29, P35, P37, P39, P70-P96
49	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	Q00-Q99
50	<i>Congenital hydrocephalus and spina bifida</i>	Q03-Q05
51	<i>Other congenital malformations of the nervous system</i>	Q00-Q02, Q04, Q06-Q07
52	<i>Congenital malformations of heart</i>	Q20-Q24
53	<i>Other congenital malformations of the circulatory system</i>	Q25-Q28
54	<i>Down's syndrome and other chromosomal abnormalities</i>	Q90-Q99
55	<i>Other congenital malformations</i>	Q10-Q18, Q30-Q89
56	<i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R99
57	<i>Sudden infant death syndrome</i>	R95

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
58	<i>Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R94, R96-R99
59	<i>All other diseases</i>	F01-F99, H00-H59, L00-L98, M00-M99
60	<i>External causes of morbidity and mortality</i>	V01-Y89
61	<i>Transport accidents</i>	V01-V99
62	<i>Accidental drowning and submersion</i>	W65-W74
63	<i>Other accidental threats to breathing</i>	W75-W84
64	<i>Exposure to smoke, fire and flames</i>	X00-X09
65	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
66	<i>Assault</i>	X85-Y09
67	<i>All other external causes</i>	W20-W64, W85-W99, X10-X39, X50-X84, Y10-Y89

Lampiran D : Kod kumpulan utama bagi sebab kematian yang tidak disahkan secara perubatan

Appendic D : Main group code for non-medically certified causes of death

Bil.	Sebab kematian <i>Causes of death</i>	Kod kumpulan utama <i>Main group code</i>
1	Penyakit berjangkit yang dinotifikasi dan jangkitan lain <i>Infectious disease</i>	01
2	Barah <i>Cancer</i>	02
3	Penyakit berkaitan darah dan organ pembentukan darah <i>Diseases of the blood and blood-forming organs</i>	03
4	Penyakit berkaitan endokrin, nutrisi dan metabolic <i>Endocrine, nutritional and metabolic diseases</i>	04
5	Gangguan mental dan tingkah laku <i>Mental and behavioural disorders</i>	05
6	Penyakit berkaitan sistem saraf <i>Diseases of the nervous system</i>	06
7	Penyakit berkaitan sistem peredaran darah <i>Diseases of the circulatory system</i>	09
8	Penyakit berkaitan sistem pernafasan <i>Diseases of the respiratory system</i>	10
9	Penyakit berkaitan sistem pencernaan <i>Diseases of the digestive system</i>	11
10	Penyakit berkaitan kulit dan tisu subkutaneus <i>Diseases of the skin and subcutaneous tissue</i>	12
11	Penyakit berkaitan sistem rangka otot dan tisu penghubung <i>Diseases of the musculoskeletal system and connective tissue</i>	13
12	Penyakit berkaitan sistem genitourinary <i>Diseases of the genitourinary system</i>	14

Bil.	Sebab kematian <i>Causes of death</i>	Kod kumpulan utama <i>Main group code</i>
13	Kematian berkaitan kehamilan, semasa dan selepas bersalin <i>Maternal death related to pregnancy, childbirth and the puerperium</i>	15
14	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	16
15	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	17
16	Gejala-gejala, tanda-tanda dan penemuan yang tidak normal <i>Symptoms, signs and abnormal findings</i>	18
17	Sebab-sebab kematian yang berpunca dari faktor luar <i>External causes of morbidity and mortality</i>	20

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