



**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

PERANGKAAN SEBAB KEMATIAN MALAYSIA, 2025
STATISTICS ON CAUSES OF DEATH MALAYSIA, 2025

Pemakluman

Malaysia buat julung kalinya telah menduduki tangga pertama (1) di peringkat global dalam laporan dwi-tahunan *Open Data Inventory (ODIN) 2024/25* yang dikeluarkan oleh *Open Data Watch (ODW)*, mengatasi 197 negara lain. Pencapaian ini merupakan lonjakan ketara daripada kedudukan ke-67 dalam penilaian ODIN 2022/23.

OpenDOSM NextGen adalah medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

Announcement

Malaysia, for the first time, ranked as number one (1) globally in the biennial Open Data Inventory (ODIN) 2024/25 report released by Open Data Watch (ODW), surpassing 197 other countries. This achievement marks a significant leap from its 67th position in the ODIN 2022/23 assessment.

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Jabatan Perangkaan Malaysia

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Blok C6 & C7, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan

62514 Putrajaya,

MALAYSIA

Tel. : 03-8885 7000

Faks : 03-8888 9248

Portal : <https://www.dosm.gov.my>

Facebook / X / Instagram / YouTube : StatsMalaysia

E-mel / E-mail : info@dosm.gov.my (pertanyaan umum / *general enquiries*)
: data@dosm.gov.my (pertanyaan & permintaan data /
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"Sumber : Jabatan Perangkaan Malaysia".

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Penerbitan Perangkaan Sebab Kematian, Malaysia, 2025 merupakan penerbitan tahunan yang membentangkan statistik sebab kematian utama di Malaysia bagi tahun 2024. Penerbitan ini merangkumi maklumat sebab kematian mengikut kategori disahkan dan tidak disahkan secara perubatan.

Buat pertama kalinya penerbitan ini menggunakan *International Statistical Classification of Diseases and Related Health Problems, 11th Revision* (ICD-11) yang diterbitkan oleh *World Health Organization* (2022) bagi mengklasifikasikan sebab kematian. Penyusunan statistik ini juga 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).

Statistik sebab kematian merupakan komponen penting yang menyokong pembentukan, pelaksanaan dan pemantauan dasar di peringkat nasional serta antarabangsa. Statistik ini turut digunakan sebagai rujukan utama dalam perancangan dasar 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, negeri, daerah pentadbiran dan strata. Ini diikuti, bahagian ketiga yang memaparkan jadual siri masa sebab kematian. Bahagian keempat mengandungi nota teknikal yang menerangkan konsep dan definisi bagi membantu pengguna memahami statistik yang diterbitkan.

Jabatan merakamkan setinggi-tinggi penghargaan di atas kerjasama Jabatan Pendaftaran Negara (JPN), Kementerian Kesihatan Malaysia (KKM) dan Polis Diraja Malaysia (PDRM) dalam membekalkan rekod kematian. Rekod ini merupakan sumber utama data bagi penjana 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

Disember 2025

The publication of *Statistics on Causes of Death, Malaysia, 2025* is an annual publication which presents statistics on the principal causes of death in Malaysia for the year 2024. The publication covers information on the causes of death by category, namely medically certified and not medically certified.

For the first time, this publication adopts the *International Statistical Classification of Diseases and Related Health Problems, 11th Revision (ICD-11)* published by the World Health Organization (2022) to classify causes of death. These statistics are compiled based on the concepts and guidelines from the *Principles and Recommendations for a Vital Statistics System, Revision 3* published by the United Nations Statistics Division (2014).

Statistics on causes of death are an essential component that supports the formulation, implementation and monitoring of policies at both national and international levels. These statistics are also used as a primary reference in the planning of health, education, economic and social policies in Malaysia.

The first part of this publication presents the summary of findings, while the second part provides detailed tables on the principal causes of death at national, state, administrative district and stratum levels. This is followed by the third part, which displays tables on time series causes of death. The fourth part comprises technical notes that explain the concepts and definitions to assist users in understanding the published statistics.

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

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician, Malaysia

December 2025

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MAIN FINDINGS

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025

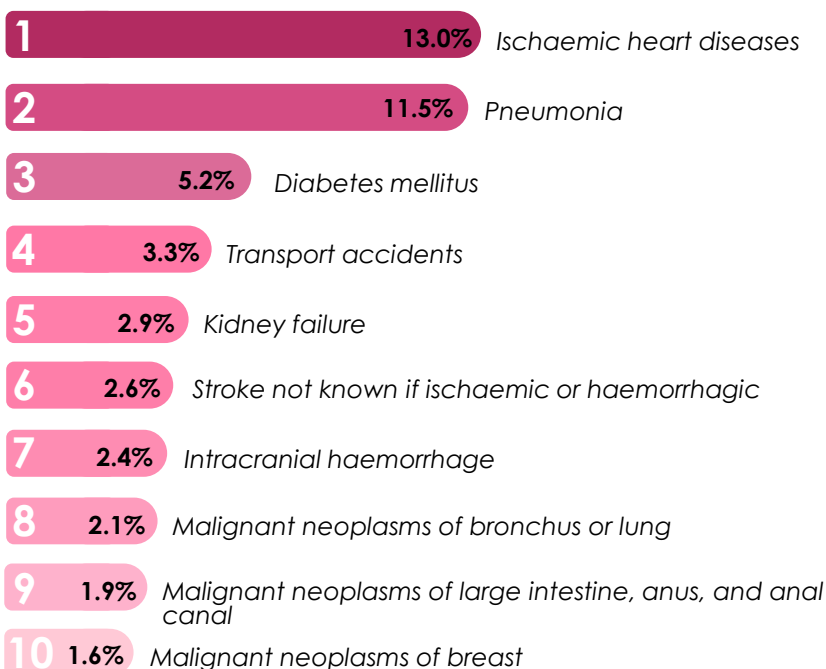


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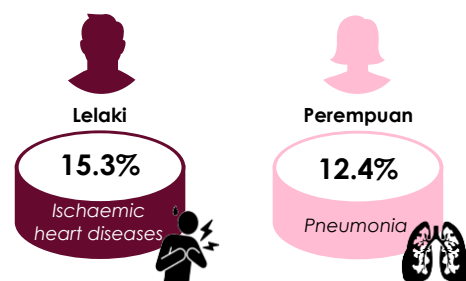
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PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

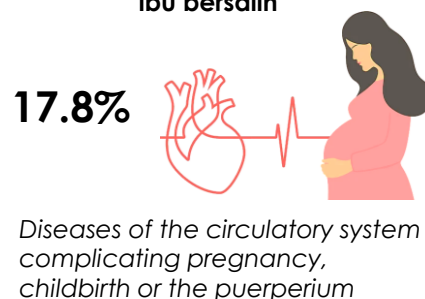
10 Sebab kematian utama 2024



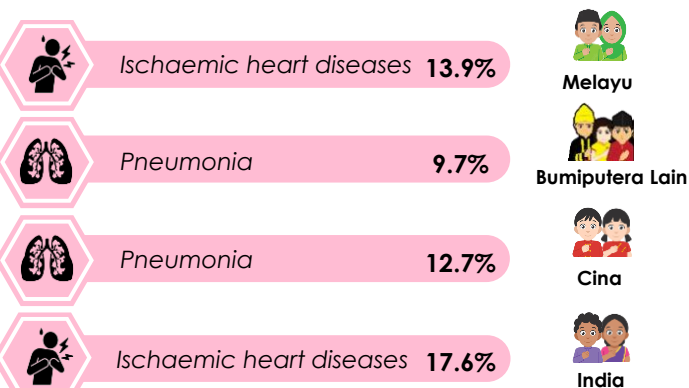
Sebab kematian utama mengikut jantina



Sebab kematian utama ibu bersalin



Sebab kematian utama mengikut kumpulan etnik



Sebab kematian utama mengikut kumpulan umur



Nota:

1. Data merujuk tahun 2024.

2. Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 67.3 peratus daripada jumlah kematian.

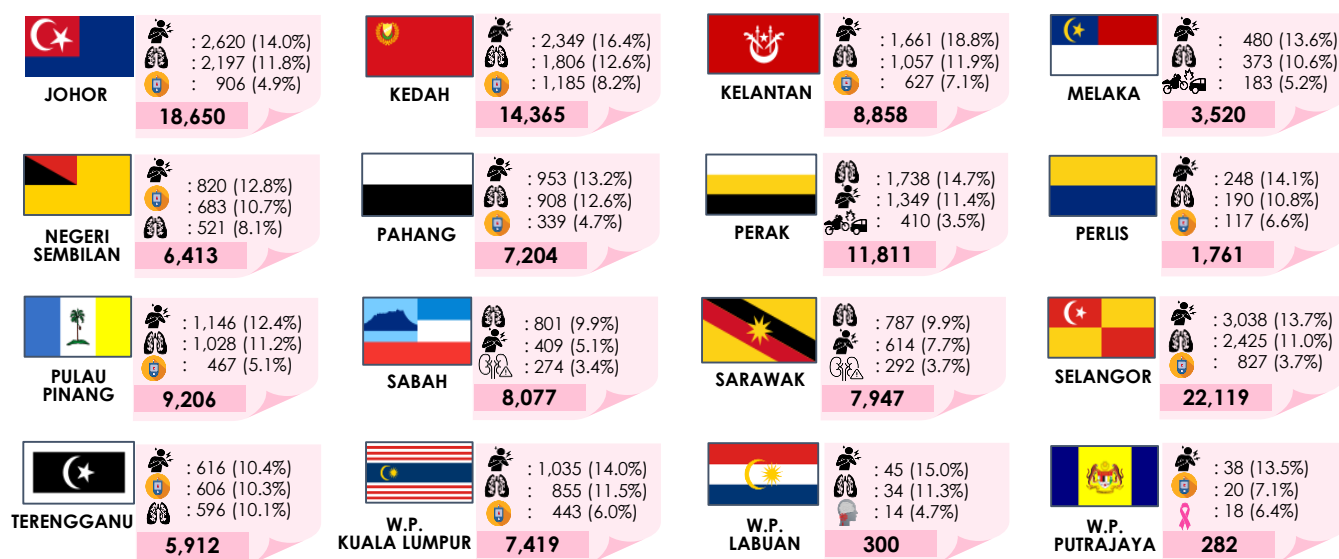
Sumber: Perangkaan Sebab Kematian, Malaysia, 2025, Jabatan Perangkaan Malaysia (DOSM)



10 sebab kematian yang disahkan secara perubatan mengikut Bab ICD-11, Malaysia, 2024

1	Diseases of the circulatory system	20.8%
2	Diseases of the respiratory system	16.0%
3	Neoplasms	14.3%
4	Certain infectious or parasitic diseases	9.3%
5	Diseases of the nervous system	8.1%
6	External causes of morbidity or mortality	7.2%
7	Endocrine, nutritional or metabolic diseases	7.0%
8	Disease of the genitourinary system	4.0%
9	Diseases of the digestive system	2.5%
10	Developmental anomalies	1.6%

3 sebab kematian utama mengikut negeri, Malaysia, 2024



Petunjuk:

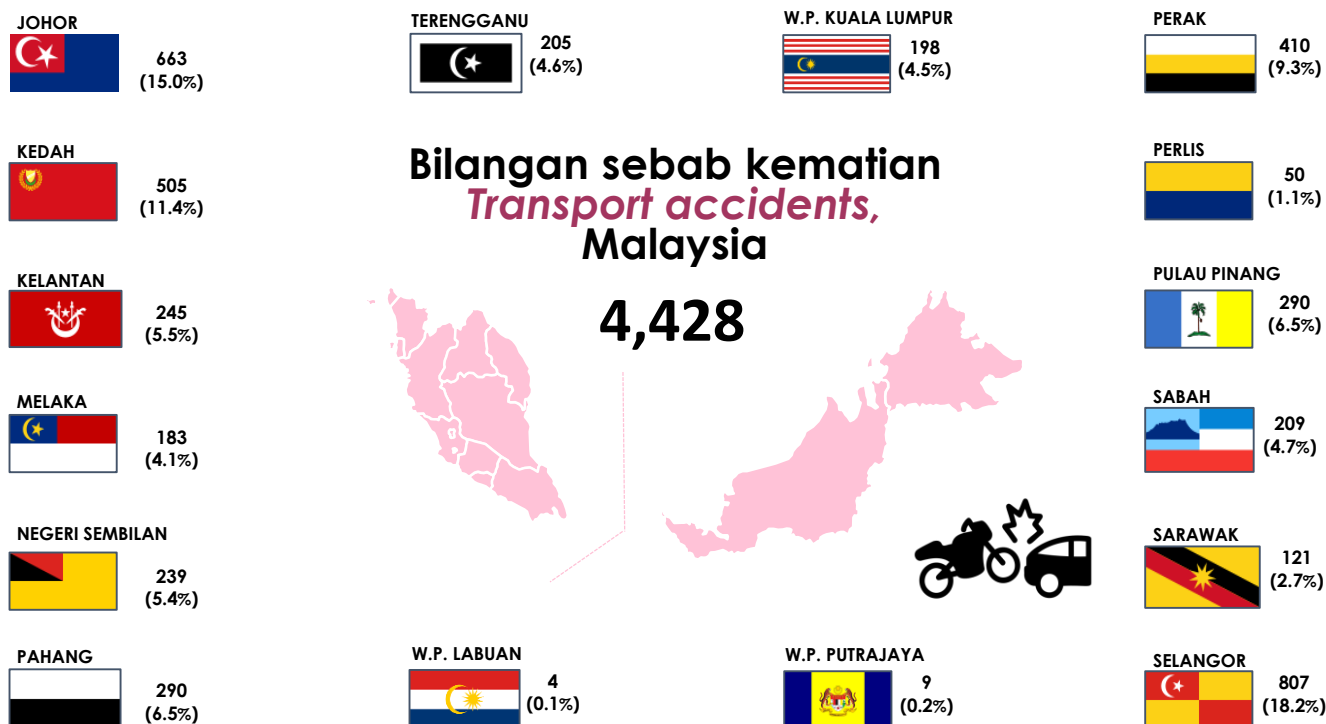
	Bilangan kematian		Ischaemic heart diseases		Pneumonia		Diabetes mellitus		Transport accidents
	Kidney failure		Stroke not known if ischaemic or haemorrhagic		Malignant neoplasms of breast				

Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 67.3 peratus daripada jumlah kematian.

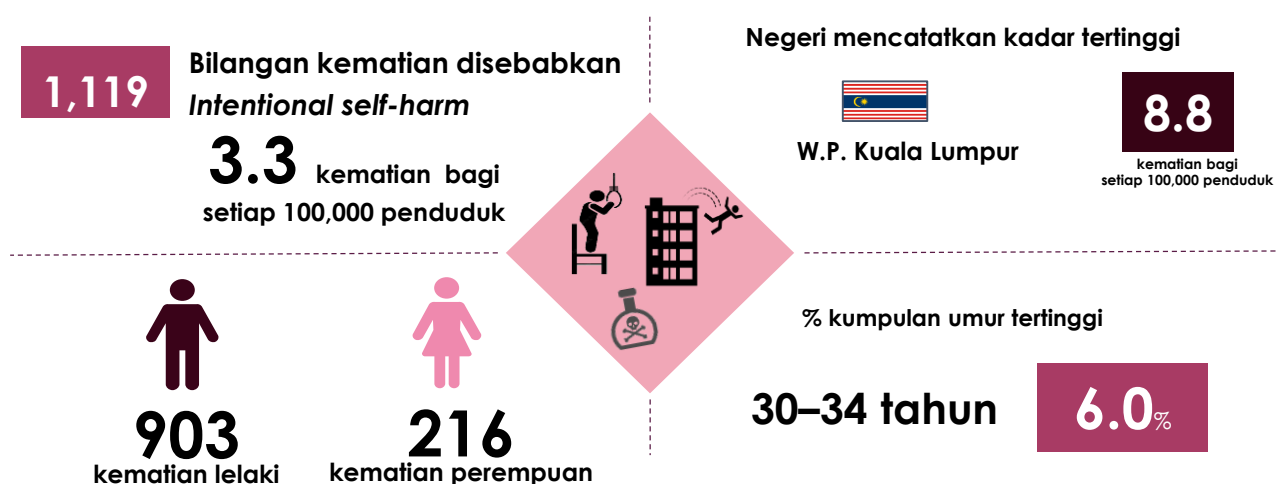
Sumber: Perangkaan Sebab Kematian, Malaysia, 2025, Jabatan Perangkaan Malaysia (DOSM)



Sebab kematian utama *Transport accidents* mengikut negeri, Malaysia 2024



Sebab kematian *Intentional self-harm*, Malaysia, 2024



Nota:

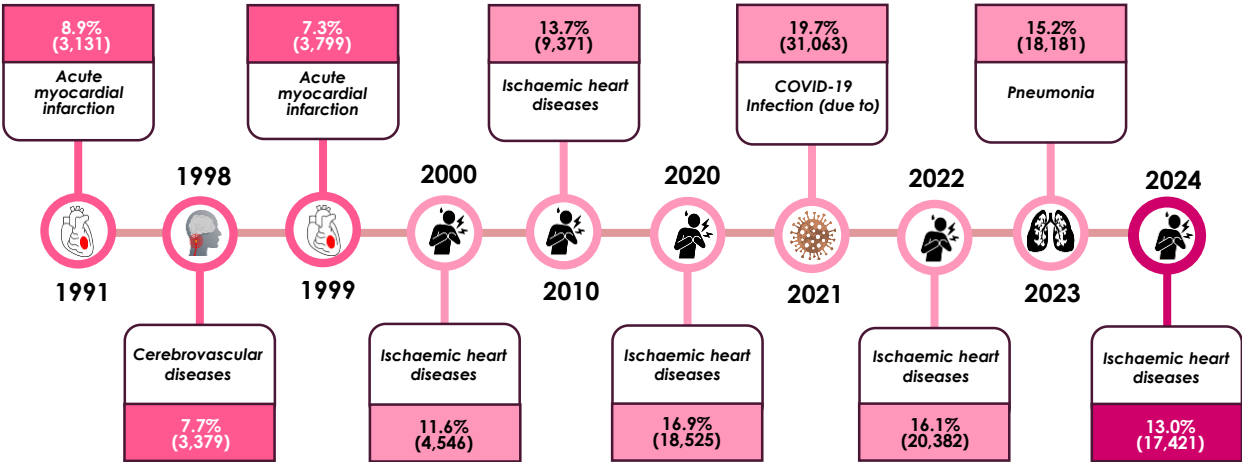
1. Data merujuk tahun 2024.

2. Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 67.3 peratus daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2025, Jabatan Perangkaan Malaysia (DOSM)

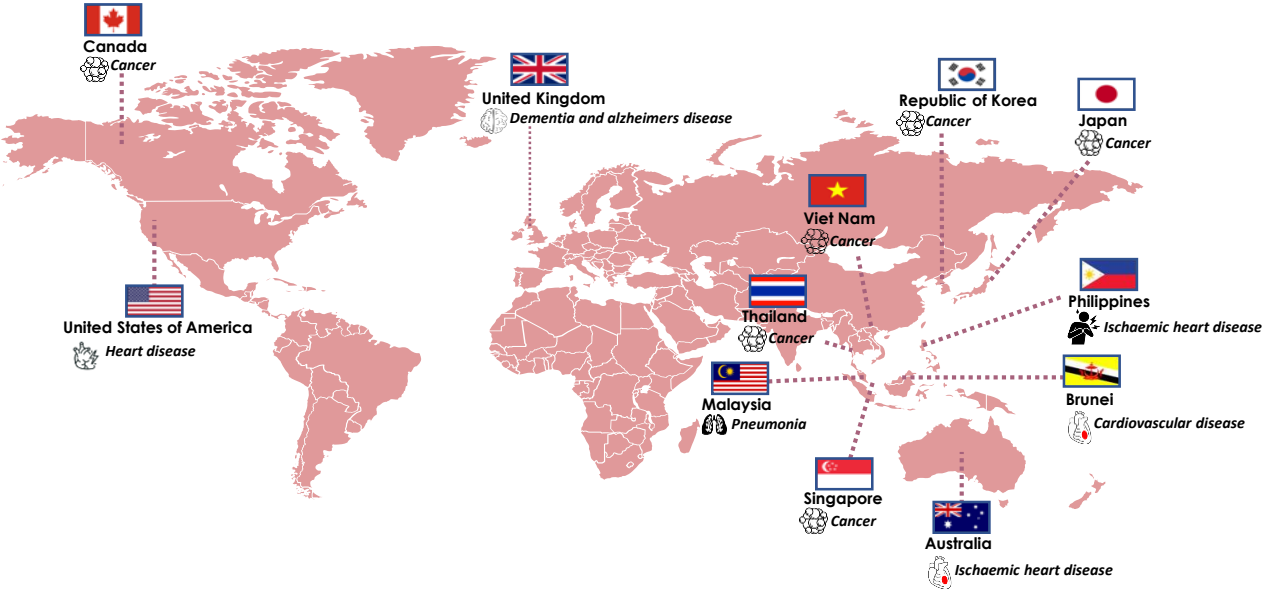


Sebab kematian utama, Malaysia, 1991-2024



Nota:
1. 1991-1999: International Statistical Classification of Diseases and Related Health Problems, 9th Revision (ICD-9)
2. 2000-2023: International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)
3. 2024: International Statistical Classification of Diseases and Related Health Problems, 11th Revision (ICD-11)

Sebab kematian utama bagi negara terpilih, 2023



Sumber data: Pejabat Statistik Negara dan Kementerian Kesihatan negara terpilih.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2025, Jabatan Perangkaan Malaysia (DOSM)

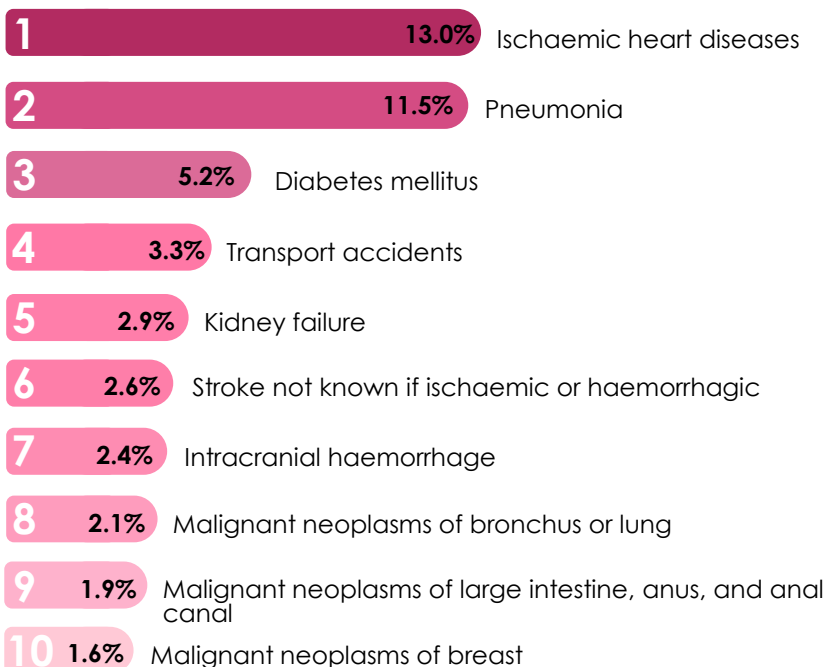




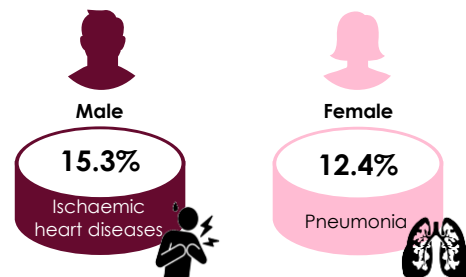
MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025

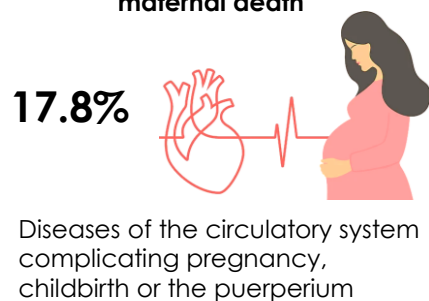
10 principal causes of death 2024



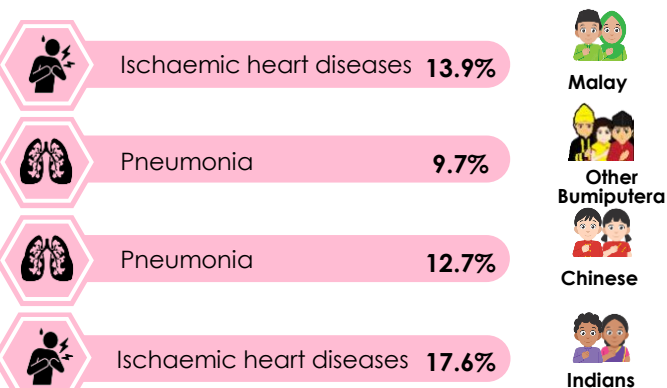
The principal causes of death by sex



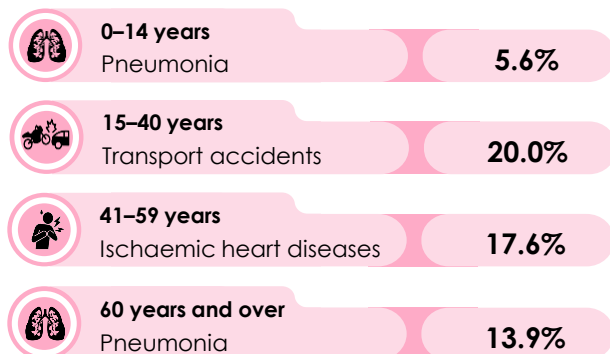
The principal causes of maternal death



The principal causes of death by ethnic group



The principal causes of death by age group



Notes:
1. Data refer to 2024.
2. The analysis is based on medically certified causes of death which represent 67.3 per cent of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2025, Department of Statistics Malaysia (DOSM)



ASEAN
MALAYSIA 2025
INCLUSIVITY AND SUSTAINABILITY



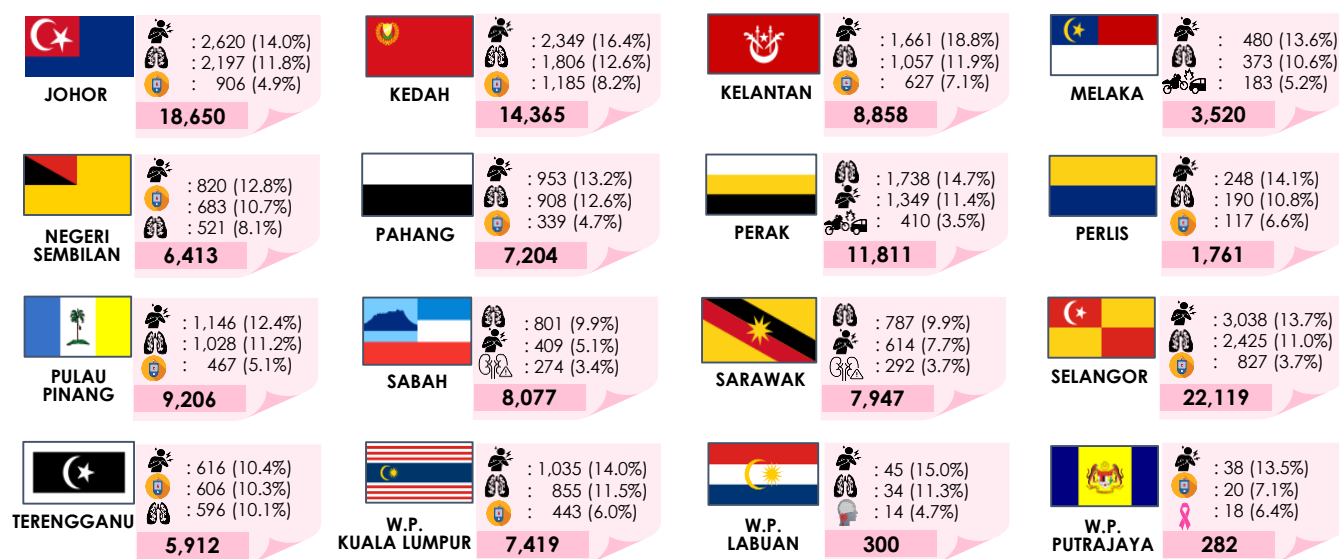
MALAYSIA
MADANI
kesejahteraan



10 medically certified causes of death by ICD-11 Chapter, Malaysia, 2024

1	Diseases of the circulatory system	20.8%
2	Diseases of the respiratory system	16.0%
3	Neoplasms	14.3%
4	Certain infectious or parasitic diseases	9.3%
5	Diseases of the nervous system	8.1%
6	External causes of morbidity or mortality	7.2%
7	Endocrine, nutritional or metabolic diseases	7.0%
8	Diseases of the genitourinary system	4.0%
9	Diseases of the digestive system	2.5%
10	Developmental anomalies	1.6%

3 principal causes of death by state, Malaysia 2024



Legend:

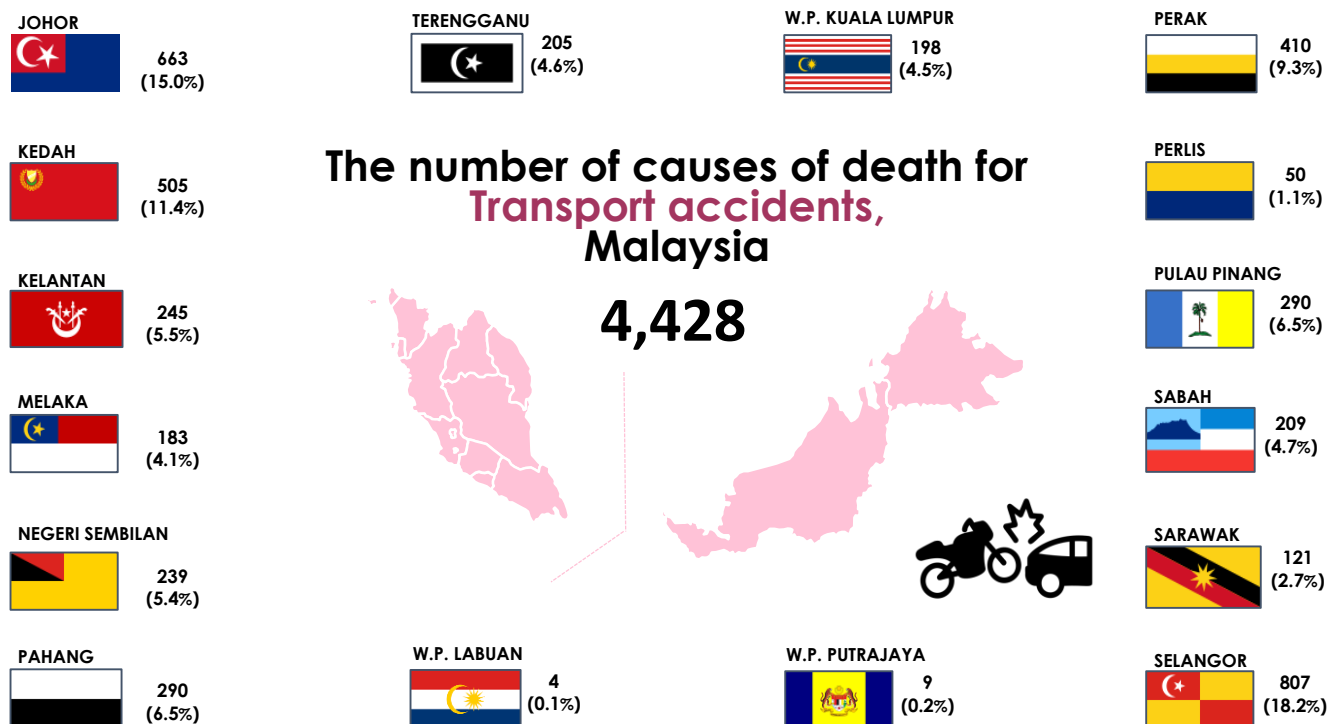
- Number of deaths
- Ischaemic heart diseases
- Pneumonia
- Diabetes mellitus
- Transport accidents
- Kidney failure
- Stroke not known if ischaemic or haemorrhagic
- Malignant neoplasms of breast

Note: The analysis is based on medically certified causes of death which represent 67.3 per cent of total deaths.

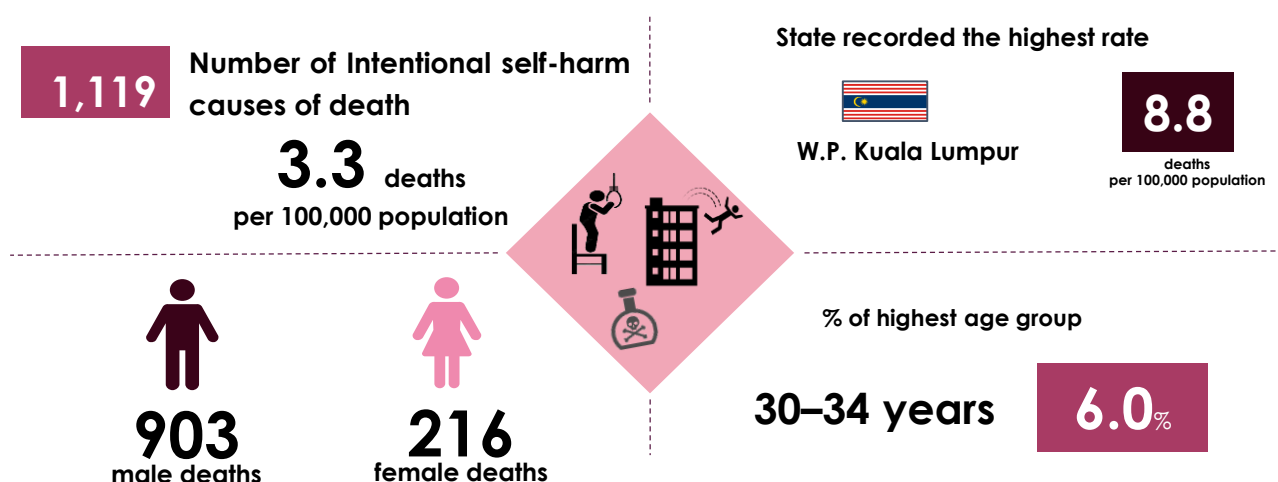
Source: Statistics on Causes of Death, Malaysia, 2025, Department of Statistics Malaysia (DOSM)



The principal causes of death for Transport accidents by state, Malaysia 2024



Intentional self-harm causes of death, Malaysia, 2024

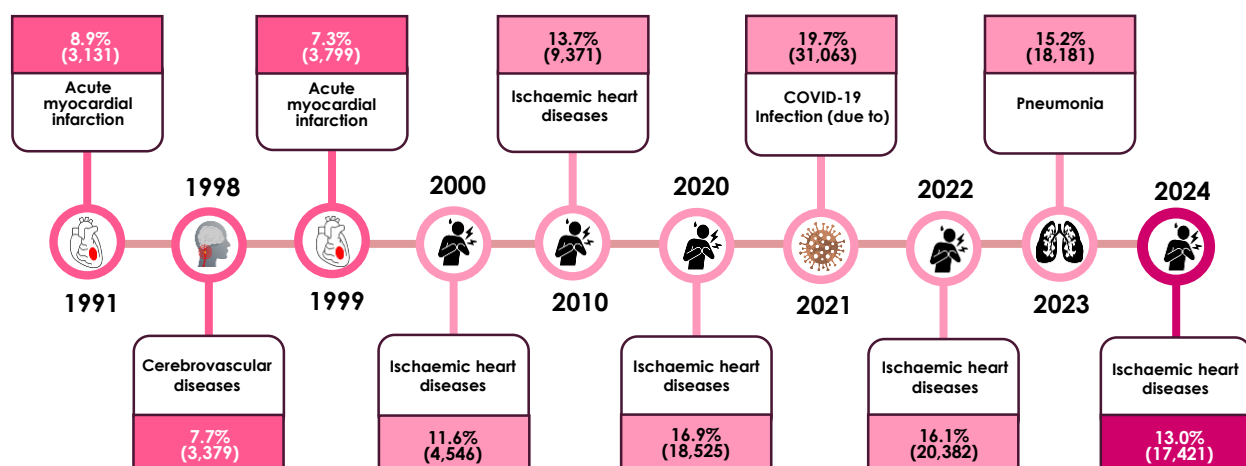


Notes:
 1. Data refer to 2024.
 2. The analysis is based on medically certified causes of death which represent 67.3 per cent of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2025, Department of Statistics Malaysia (DOSM)



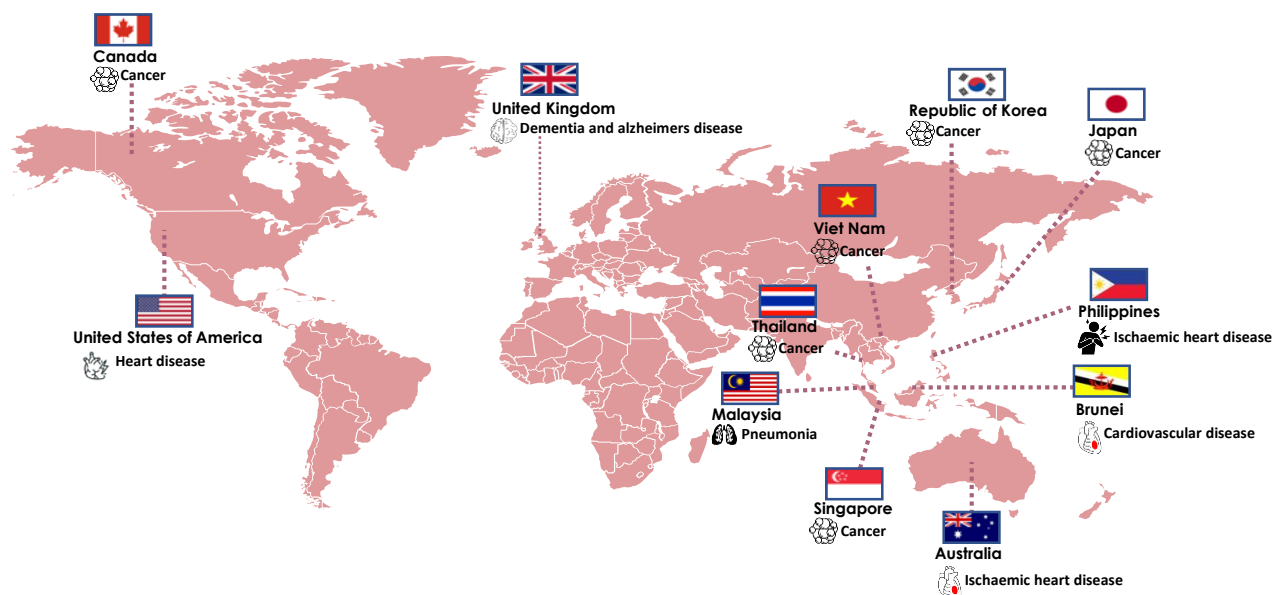
The principal causes of death, Malaysia, 1991-2024



Notes:

1. 1991-1999: International Statistical Classification of Diseases and Related Health Problems, 9th Revision (ICD-9)
2. 2000-2023: International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)
3. 2024: International Statistical Classification of Diseases and Related Health Problems, 11th Revision (ICD-11)

The principal causes of death by selected countries, 2023



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

Source: Statistics on Causes of Death, Malaysia, 2025, Department of Statistics Malaysia (DOSM)



SEPINTAS LALU PERANGKAAN SEBAB KEMATIAN MENGIKUT NEGERI

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



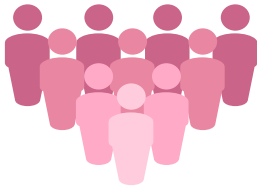
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BILANGAN KEMATIAN, MALAYSIA, 2024



MALAYSIA



113,866 (57.2%)

85,126 (42.8%)

198,992
kematian

PURATA

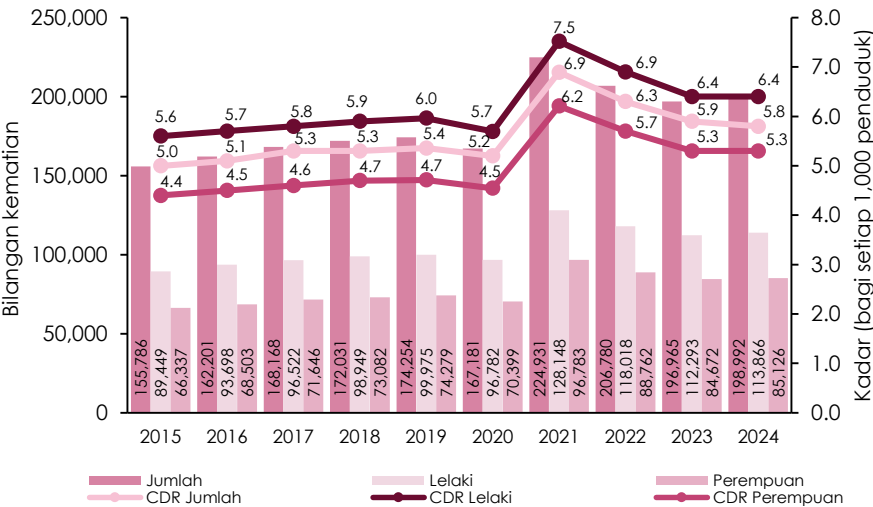
1 kematian setiap 3 minit

23 kematian setiap jam

545 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
MALAYSIA, 2015-2024

Kematian pada 2024 meningkat **1.0 peratus** (2,027 kematian)
berbanding 2023 (196,965 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases
merupakan sebab
kematian utama
di **Malaysia** tahun 2024

13.0%



**Ischaemic
heart diseases**

15.3%



Pneumonia

12.4%



**Diseases of the circulatory
system complicating
pregnancy, childbirth or
the puerperium**

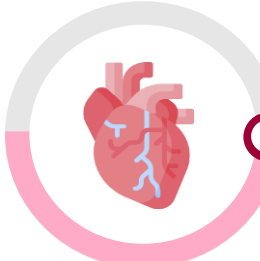
17.8%

merupakan sebab
kematian utama bagi
ibu bersalin

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, MALAYSIA, 2024

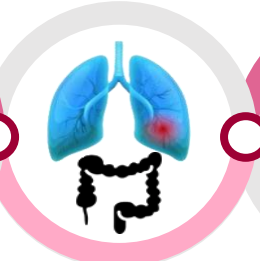
1 **Diseases of the
circulatory system**

20.8%



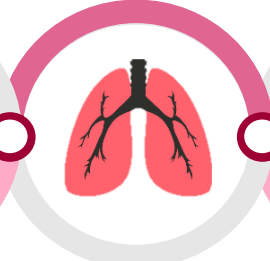
3 **Neoplasms**

14.3%



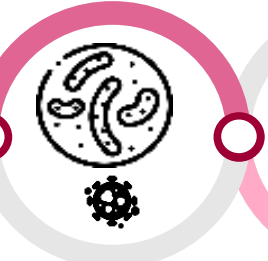
2 **Diseases of the
respiratory system**

16.0%



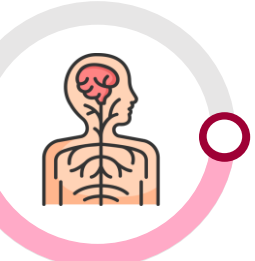
4 **Certain infectious or
parasitic diseases**

9.3%



5 **Diseases of the
nervous system**

8.1%



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, MALAYSIA, 2024



Melayu (74,060 kematian)

1	Ischaemic heart diseases	13.9%
2	Pneumonia	11.3%
3	Diabetes mellitus	6.3%
4	Transport accidents	3.9%
5	Kidney failure	3.1%



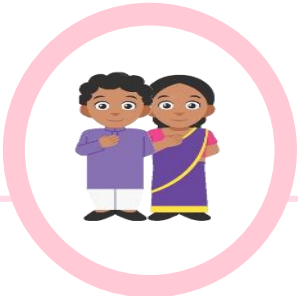
Bumiputera Lain (10,505 kematian)

1	Pneumonia	9.7%
2	Ischaemic heart diseases	6.4%
3	Kidney failure	3.2%
4	Transport accidents	3.1%
5	Intracranial haemorrhage	2.7%



Cina (33,437 kematian)

1	Pneumonia	12.7%
2	Ischaemic heart diseases	11.6%
3	Diabetes mellitus	3.8%
4	Malignant neoplasms of bronchus or lung	3.4%
5	Malignant neoplasms of large intestine, anus, and anal canal	2.9%

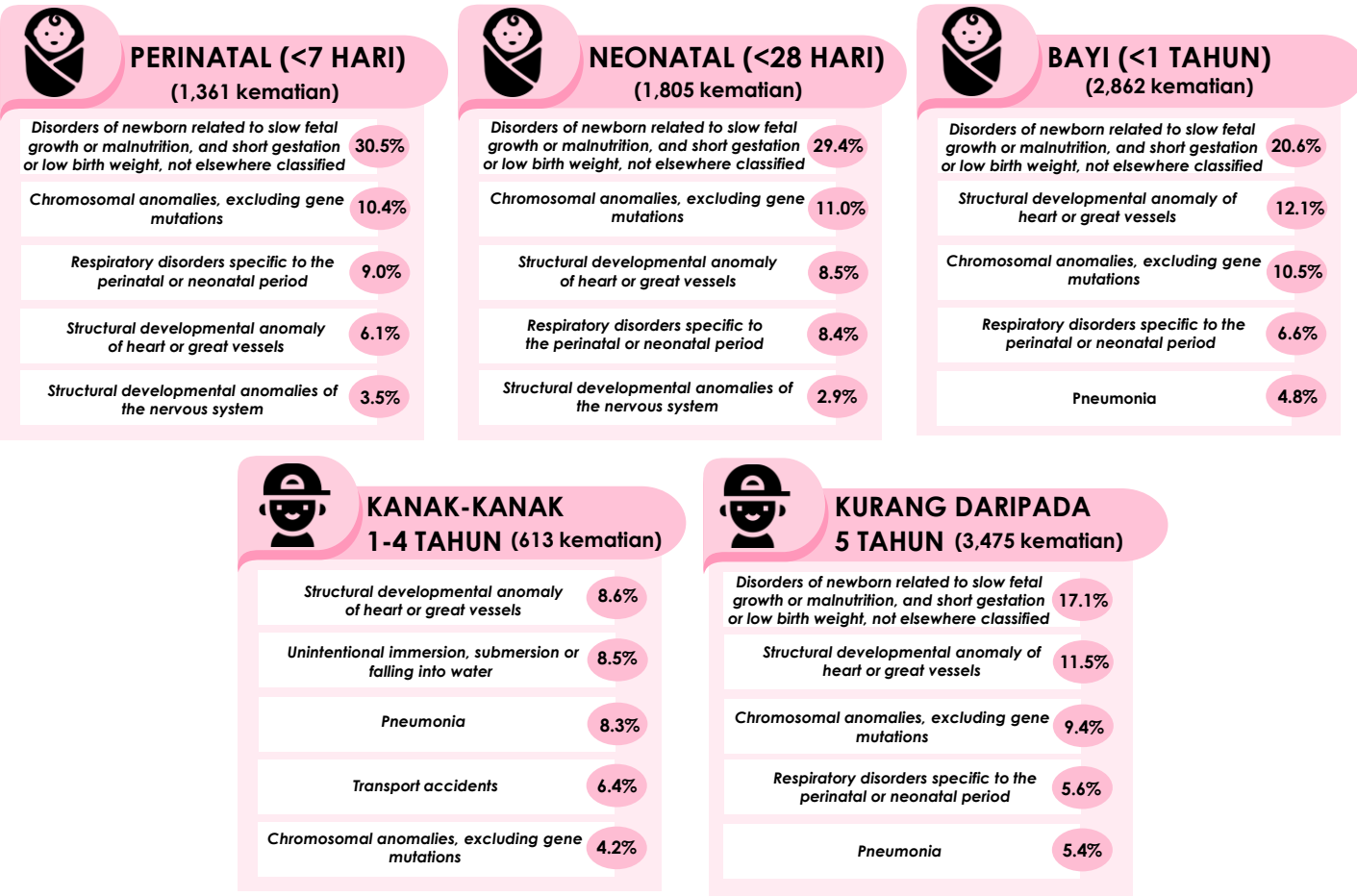


India (12,249 kematian)

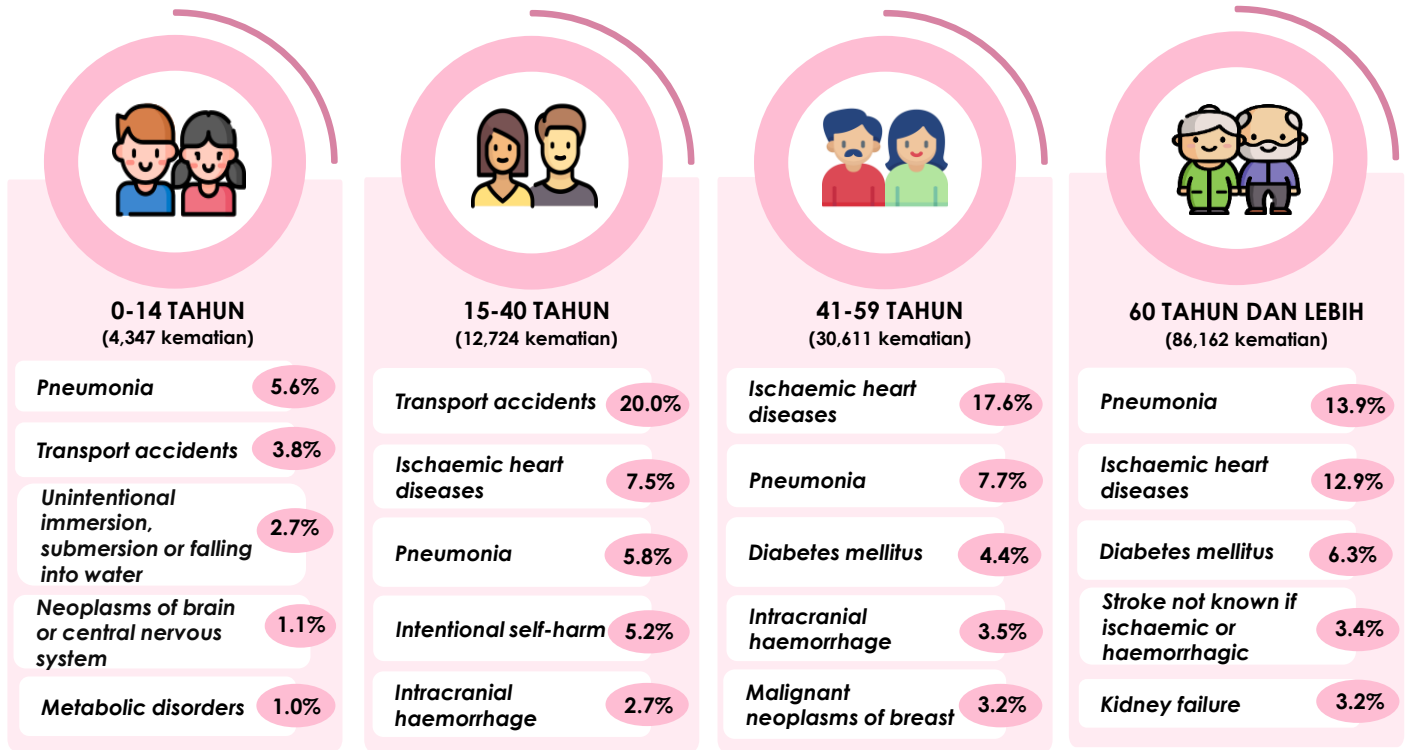
1	Ischaemic heart diseases	17.6%
2	Pneumonia	11.0%
3	Diabetes mellitus	5.5%
4	Transport accidents	4.2%
5	Kidney failure	2.8%

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, MALAYSIA, 2024



LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, MALAYSIA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, MALAYSIA, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Transport accidents</i>	<i>Kidney failure</i>
Jumlah	17,421	15,332	6,929	4,428	3,911
0	-	138 (0.9%)	-	16 (0.4%)	-
1-4	-	51 (0.3%)	-	39 (0.9%)	-
5-9	3 (0.0%)	23 (0.2%)	1 (0.0%)	27 (0.6%)	-
10-14	4 (0.0%)	32 (0.2%)	1 (0.0%)	83 (1.9%)	6 (0.2%)
15-19	9 (0.1%)	58 (0.4%)	2 (0.0%)	592 (13.4%)	10 (0.3%)
20-24	31 (0.2%)	83 (0.5%)	9 (0.1%)	693 (15.7%)	29 (0.7%)
25-29	82 (0.5%)	120 (0.8%)	18 (0.3%)	477 (10.8%)	24 (0.6%)
30-34	217 (1.2%)	159 (1.0%)	42 (0.6%)	369 (8.3%)	60 (1.5%)
35-39	488(2.8%)	255 (1.7%)	82 (1.2%)	362 (8.2%)	76 (1.9%)
40-44	847 (4.9%)	371 (2.4%)	124 (1.8%)	299 (6.8%)	132 (3.4%)
45-49	1,249 (7.2%)	472 (3.1%)	244 (3.5%)	225 (5.1%)	169 (4.3%)
50-54	1,486 (8.5%)	610 (4.0%)	390 (5.6%)	234 (5.3%)	258 (6.6%)
55-59	1,921 (11.0%)	971 (6.3%)	603 (8.7%)	202 (4.6%)	381(9.7%)
60-64	2,097 (12.0%)	1,453 (9.5%)	848 (12.2%)	203 (4.6%)	443 (11.3%)
65-69	2,204 (12.7%)	1,717 (11.2%)	980 (14.1%)	191 (4.3%)	512 (13.1%)
70-74	2,114 (12.1%)	2,100 (13.7%)	1,013 (14.6%)	193 (4.4%)	552 (14.1%)
75-79	1,798 (10.3%)	2,197 (14.3%)	978 (14.1%)	120 (2.7%)	477 (12.2%)
80-84	1,393 (8.0%)	1,936 (12.6%)	741 (10.7%)	66 (1.5%)	398 (10.2%)
85 dan lebih	1,478 (8.5%)	2,586 (16.9%)	853 (12.3%)	37 (0.8%)	384 (9.8%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, JOHOR, 2024



JOHOR



14,492 (57.9%)



25,031

kematian



10,539 (42.1%)

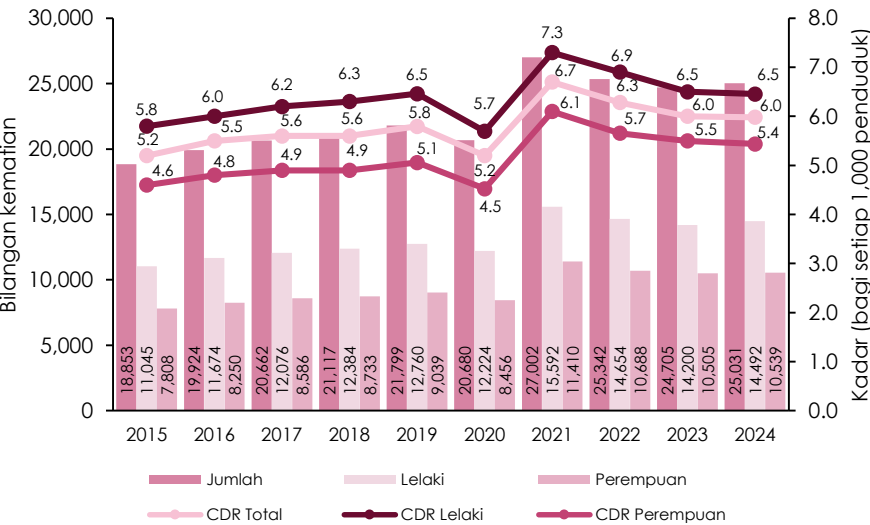
PURATA

3 kematian setiap jam

69 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
JOHOR, 2015-2024

Kematian pada 2024 meningkat **1.3 peratus** (326 kematian)
berbanding 2023 (24,705 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases

merupakan sebab
kematian utama di
Johor tahun 2024

14.0%



**Ischaemic
heart diseases**

16.7%



Pneumonia

12.4%



**Obstetric blood-clot
embolism**

merupakan sebab
kematian utama bagi
ibu bersalin

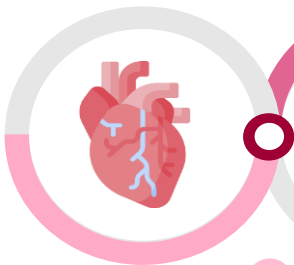
17.6%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, JOHOR, 2024

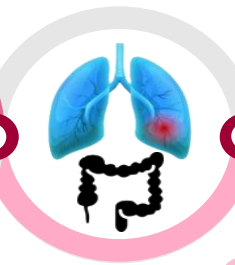
**1 Diseases of the
circulatory system**
21.2%

3 Neoplasms
13.2%

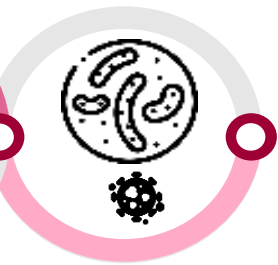
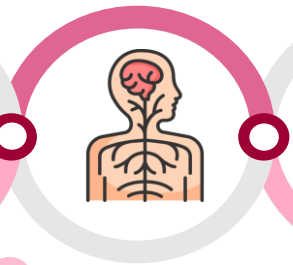
**5 Certain infectious
or parasitic diseases**
8.1%



**2 Diseases of the
respiratory system**
15.9%



**4 Diseases of the
nervous system**
8.2%



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, JOHOR, 2024



Melayu (10,687 kematian)

1	Ischaemic heart diseases	14.2%
2	Pneumonia	11.5%
3	Diabetes mellitus	5.7%
4	Transport accidents	3.9%
5	Stroke not known if ischaemic or haemorrhagic	3.5%



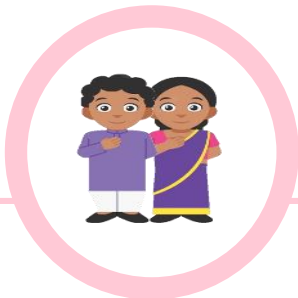
Bumiputera Lain (206 kematian)

1	Pneumonia	11.7%
2	Ischaemic heart diseases	10.2%
3	Transport accidents	8.3%
4	Diabetes mellitus	4.4%
5	Intracranial haemorrhage	4.4%



Cina (5,737 kematian)

1	Ischaemic heart diseases	13.1%
2	Pneumonia	12.5%
3	Diabetes mellitus	3.8%
4	Malignant neoplasms of bronchus or lung	3.2%
5	Stroke not known if ischaemic or haemorrhagic	2.9%

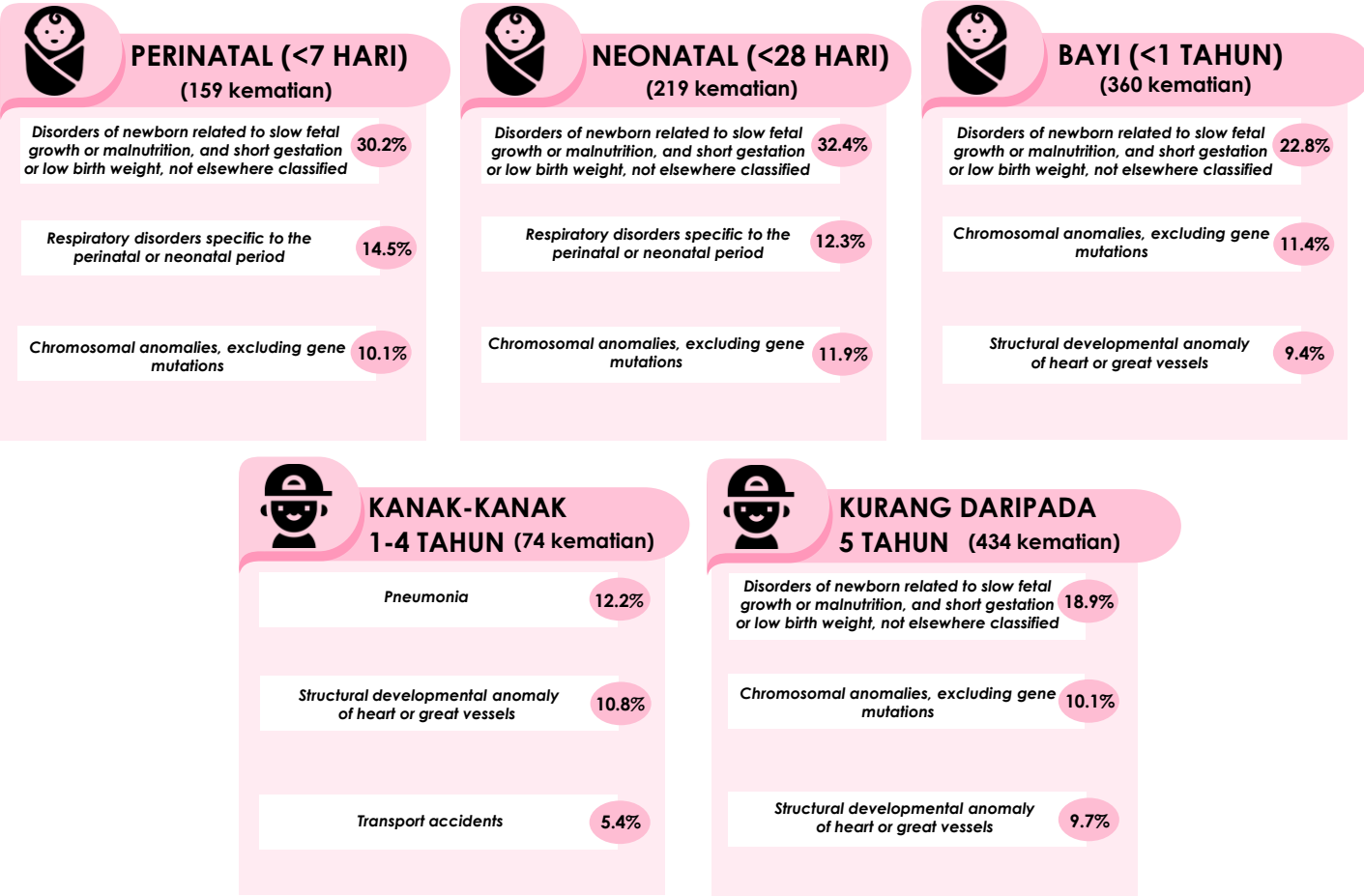


India (1,480 kematian)

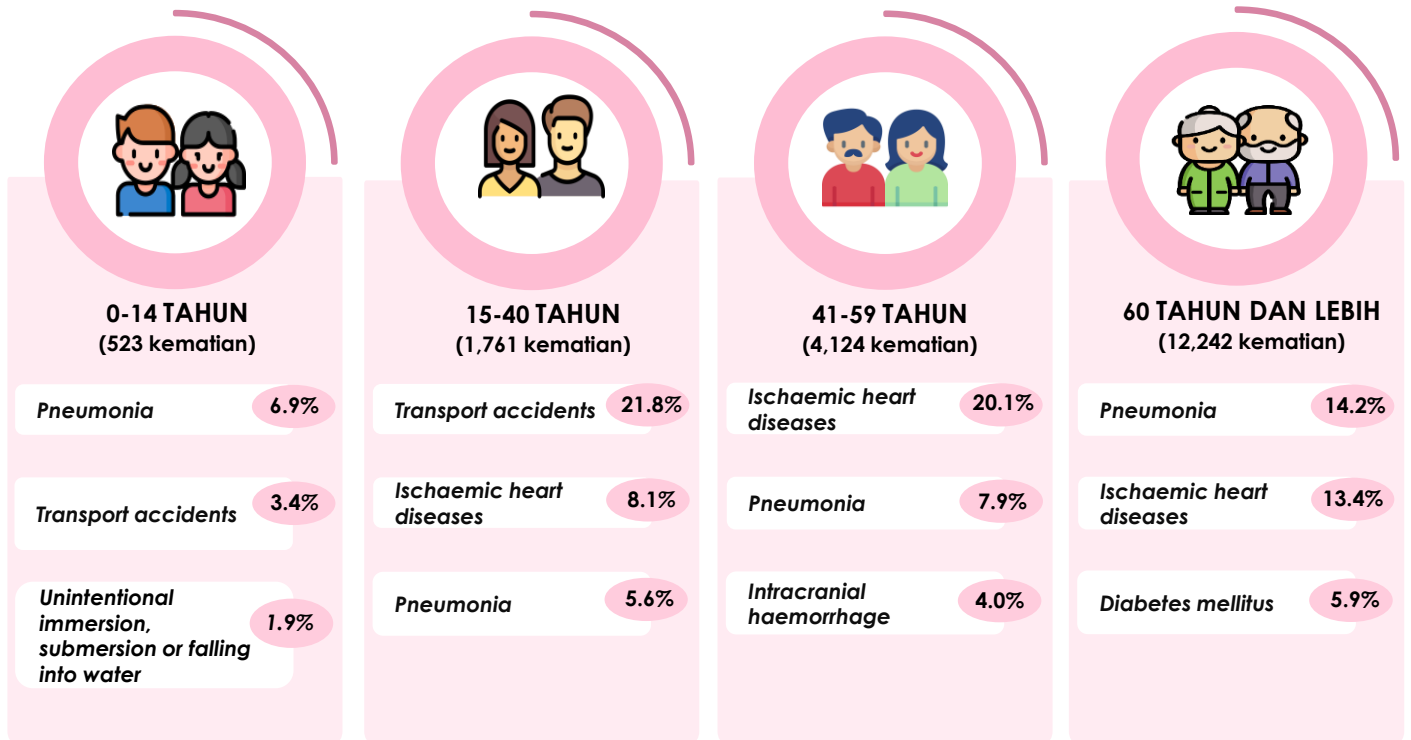
1	Ischaemic heart diseases	17.8%
2	Pneumonia	11.8%
3	Transport accidents	5.7%
4	Diabetes mellitus	3.6%
5	Stroke not known if ischaemic or haemorrhagic	2.2%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, JOHOR, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, JOHOR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

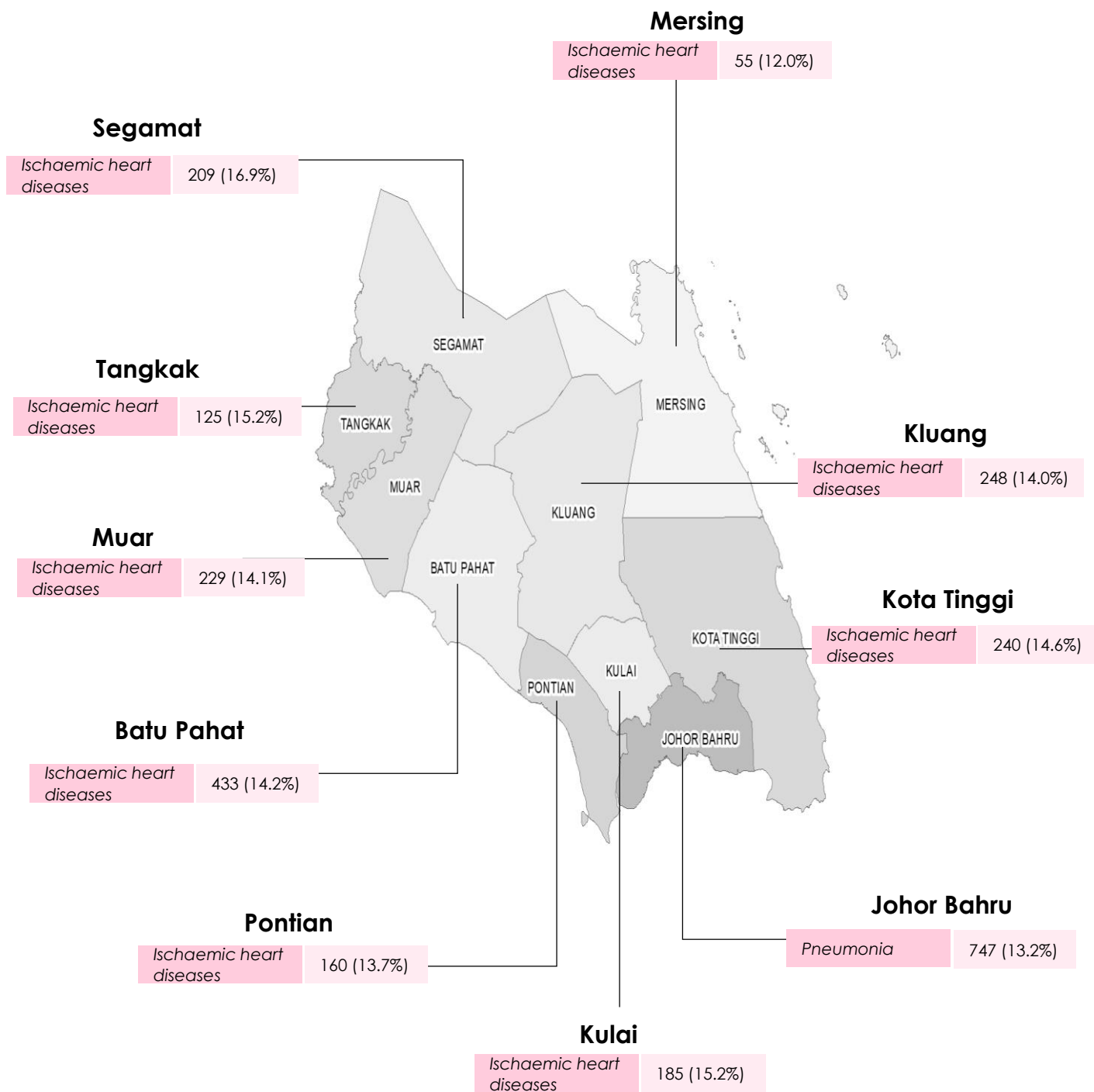
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, JOHOR, 2024

Kumpulan Umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Transport accidents</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>
Jumlah	2,620	2,197	906	663	593
0	-	24 (1.1%)	-	5 (0.8%)	-
1-4	-	9 (0.4%)	-	4 (0.6%)	-
5-9	2 (0.1%)	1 (0.0%)	-	2 (0.3%)	-
10-14	-	2 (0.1%)	-	7 (1.1%)	-
15-19	1 (0.0%)	2 (0.1%)	1 (0.1%)	83 (12.5%)	-
20-24	5 (0.2%)	9 (0.4%)	2 (0.2%)	105 (15.8%)	-
25-29	15 (0.6%)	15 (0.7%)	2 (0.2%)	83 (12.5%)	-
30-34	35 (1.3%)	19 (0.9%)	8 (0.9%)	48 (7.2%)	1 (0.2%)
35-39	66 (2.5%)	46 (2.1%)	9 (1.0%)	54 (8.1%)	3 (0.5%)
40-44	133 (5.1%)	47 (2.1%)	13 (1.4%)	41 (6.2%)	9 (1.5%)
45-49	193 (7.4%)	64 (2.9%)	30 (3.3%)	35 (5.3%)	9 (1.5%)
50-54	230 (8.8%)	93 (4.2%)	49 (5.4%)	29 (4.4%)	22 (3.7%)
55-59	295 (11.3%)	130 (5.9%)	70 (7.7%)	33 (5.0%)	42 (7.1%)
60-64	323 (12.3%)	208 (9.5%)	118 (13.0%)	36 (5.4%)	51 (8.6%)
65-69	324 (12.4%)	273 (12.4%)	124 (13.7%)	32 (4.8%)	88 (14.8%)
70-74	337 (12.9%)	338 (15.4%)	148 (16.3%)	34 (5.1%)	83 (14.0%)
75-79	265 (10.1%)	343 (15.6%)	138 (15.2%)	18 (2.7%)	95 (16.0%)
80-84	196 (7.5%)	252 (11.5%)	83 (9.2%)	8 (1.2%)	72 (12.1%)
85 dan lebih	200 (7.6%)	322 (14.7%)	111 (12.3%)	6 (0.9%)	118 (19.9%)

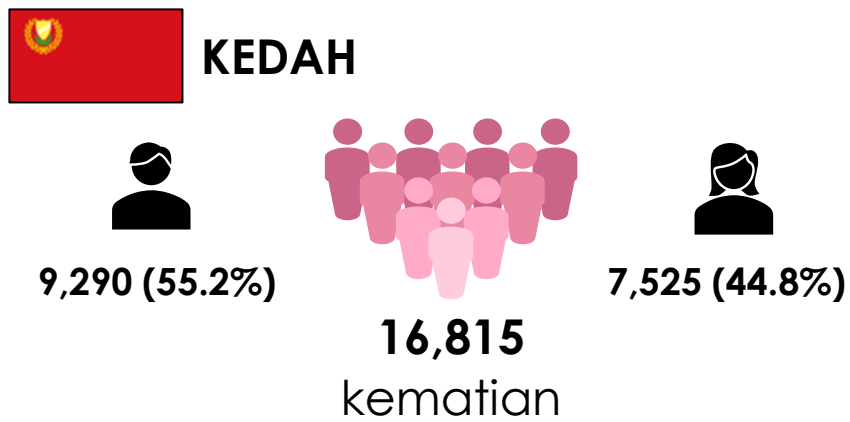
Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, JOHOR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, KEDAH, 2024

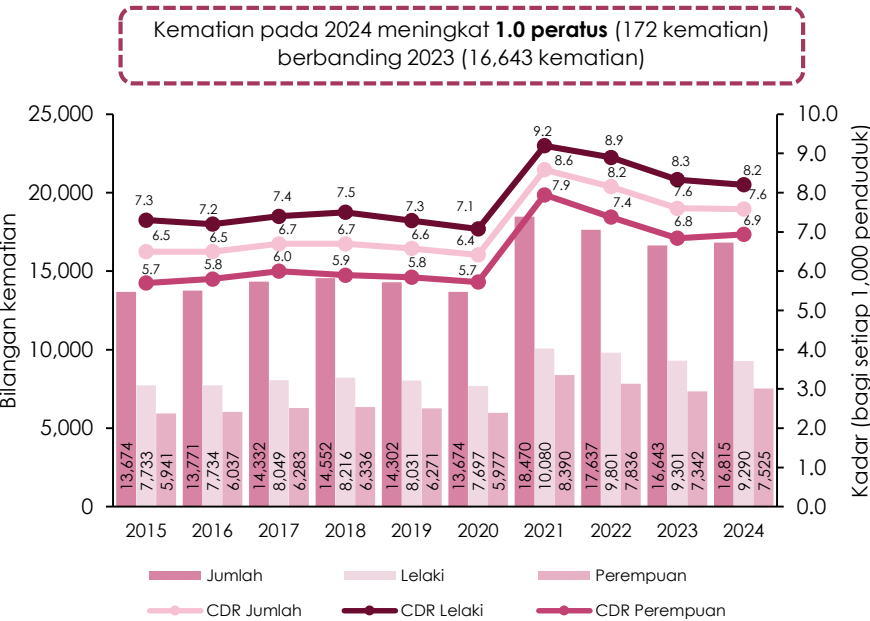


PURATA

2 kematian setiap jam

46 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
KEDAH, 2015-2024



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases
merupakan sebab kematian utama di
Kedah tahun 2024
16.4%



Pneumonia
14.6%



Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium
merupakan sebab kematian utama bagi ibu bersalin
40.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, KEDAH, 2024

1 Diseases of the circulatory system
23.5%

2 Diseases of the respiratory system
17.8%

3 Neoplasms
11.1%

4 Diseases of the nervous system
10.4%

5 Endocrine, nutritional or metabolic diseases
9.9%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

18

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, KEDAH, 2024



Melayu (11,130 kematian)

1	Ischaemic heart diseases	16.3%
2	Pneumonia	12.4%
3	Diabetes mellitus	8.3%
4	Stroke not known if ischaemic or haemorrhagic	4.7%
5	Kidney failure	4.2%



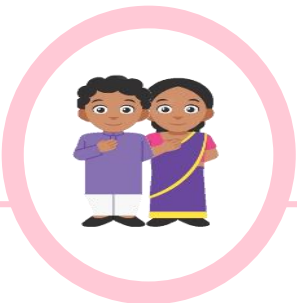
Bumiputera Lain (21 kematian)

1	Ischaemic heart diseases	19.0%
2	Transport accidents	14.3%
3	Malignant neoplasms of ovary	9.5%
4	Pneumonia	9.5%
5	Cerebral ischaemia	4.8%



Cina (1,921 kematian)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	14.8%
3	Diabetes mellitus	6.6%
4	Stroke not known if ischaemic or haemorrhagic	4.5%
5	Malignant neoplasms of bronchus or lung	3.2%

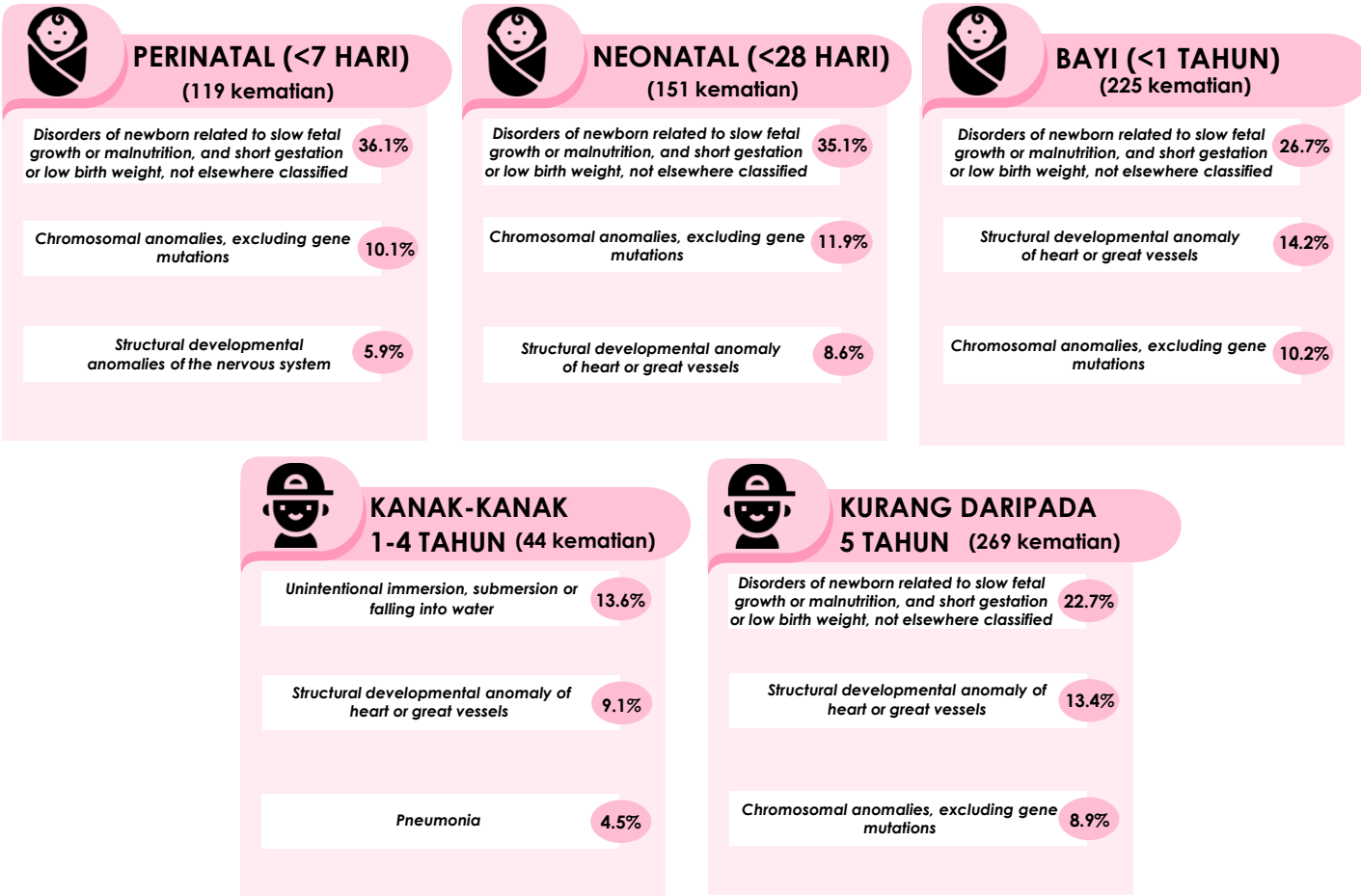


India (1,022 kematian)

1	Ischaemic heart diseases	19.1%
2	Diabetes mellitus	10.7%
3	Pneumonia	10.1%
4	Cerebral ischaemia	3.5%
5	Transport accidents	3.5%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, KEDAH, 2024



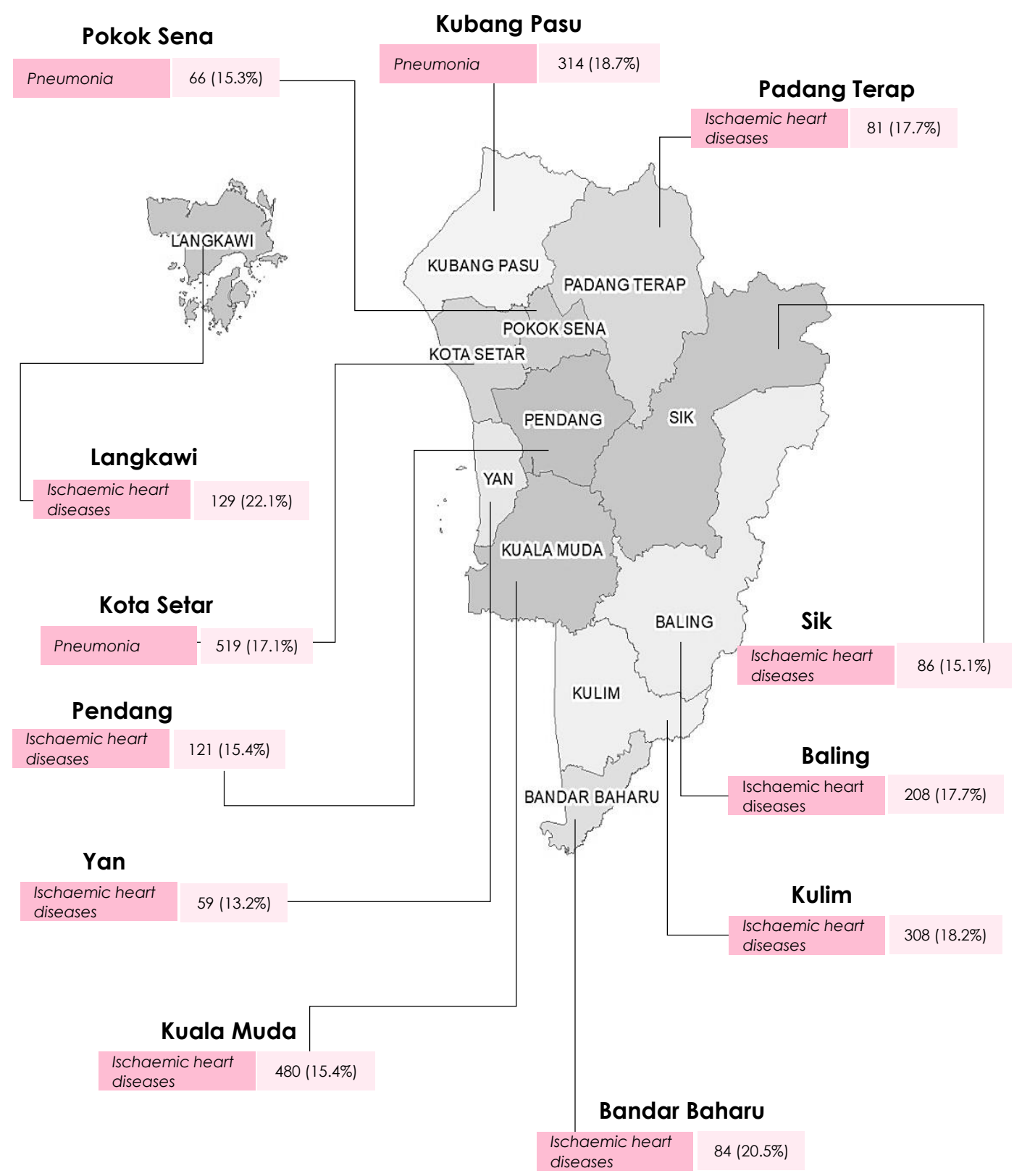
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, KEDAH, 2024

Kumpulan Umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>	<i>Kidney failure</i>
Jumlah	2,349	1,806	1,185	647	559
0	-	3 (0.2%)	-	-	-
1-4	-	2 (0.1%)	-	-	-
5-9	-	2 (0.1%)	1 (0.1%)	-	-
10-14	-	4 (0.2%)	1 (0.1%)	1 (0.2%)	-
15-19	2 (0.1%)	13 (0.7%)	1 (0.1%)	-	-
20-24	5 (0.2%)	7 (0.4%)	1 (0.1%)	-	2 (0.4%)
25-29	12 (0.5%)	21 (1.2%)	3 (0.3%)	-	3 (0.5%)
30-34	29 (1.2%)	20 (1.1%)	6 (0.5%)	1 (0.2%)	11 (2.0%)
35-39	50 (2.1%)	21 (1.2%)	20 (1.7%)	5 (0.8%)	12 (2.1%)
40-44	81 (3.4%)	39 (2.2%)	20 (1.7%)	8 (1.2%)	22 (3.9%)
45-49	142 (6.0%)	44 (2.4%)	43 (3.6%)	20 (3.1%)	31 (5.5%)
50-54	162 (6.9%)	75 (4.2%)	91 (7.7%)	23 (3.6%)	41 (7.3%)
55-59	207 (8.8%)	125 (6.9%)	107 (9.0%)	35 (5.4%)	62 (11.1%)
60-64	263 (11.2%)	188 (10.4%)	148 (12.5%)	53 (8.2%)	57 (10.2%)
65-69	299 (12.7%)	203 (11.2%)	187 (15.8%)	83 (12.8%)	76 (13.6%)
70-74	280 (11.9%)	212 (11.7%)	159 (13.4%)	109 (16.8%)	98 (17.5%)
75-79	275 (11.7%)	236 (13.1%)	154 (13.0%)	111 (17.2%)	59 (10.6%)
80-84	245 (10.4%)	229 (12.7%)	120 (10.1%)	85 (13.1%)	48 (8.6%)
85 dan lebih	297 (12.6%)	362 (20.0%)	123 (10.4%)	113 (17.5%)	37 (6.6%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, KEDAH, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

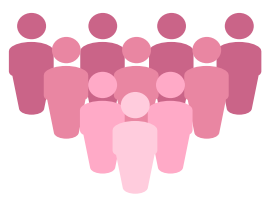
BILANGAN KEMATIAN, KELANTAN, 2024



KELANTAN



6,456 (55.4%)



11,662

kematian



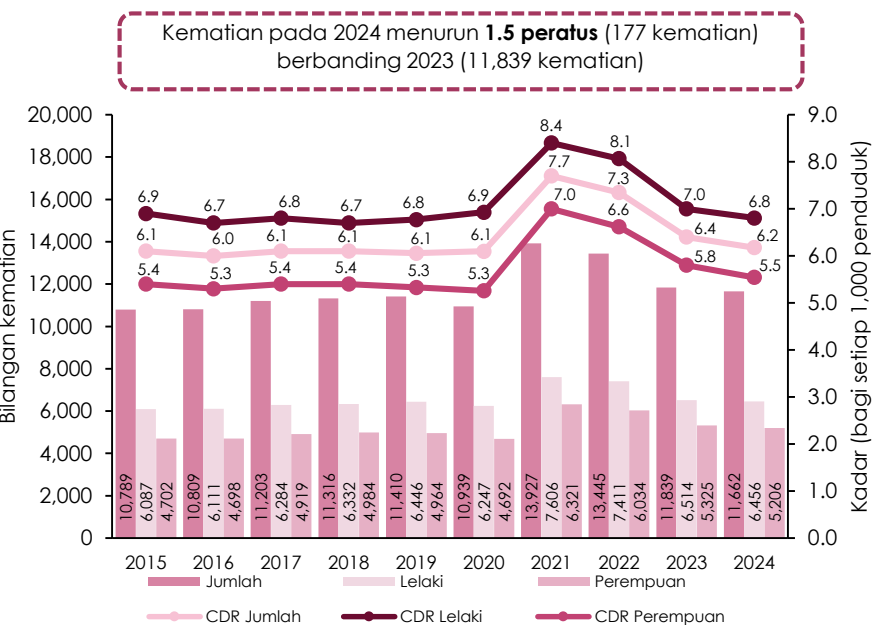
5,206 (44.6%)

PURATA

1 kematian setiap jam

32 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
KELANTAN, 2015-2024



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases

merupakan sebab kematian utama di Kelantan tahun 2024

18.8%



Ischaemic heart diseases

20.9%



Ischaemic heart diseases

15.9%



Excessive vomiting in pregnancy

merupakan sebab kematian utama bagi ibu bersalin

28.6%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, KELANTAN, 2024

1 Diseases of the circulatory system
25.6%

3 Endocrine, nutritional or metabolic diseases
10.5%

5 Certain infectious or parasitic diseases
8.9%

2 Diseases of the respiratory system
16.1%

4 Neoplasms
9.4%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, KELANTAN, 2024



Melayu (8,274 kematian)

1	Ischaemic heart diseases	18.8%
2	Pneumonia	11.9%
3	Diabetes mellitus	7.1%
4	Stroke not known if ischaemic or haemorrhagic	3.7%
5	Metabolic disorders	3.1%



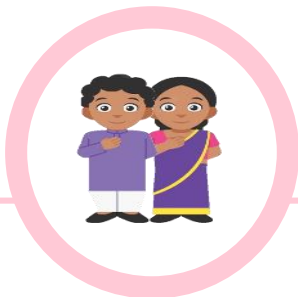
Bumiputera Lain (77 kematian)

1	Ischaemic heart diseases	28.6%
2	Pneumonia	13.0%
3	Metabolic disorders	5.2%
4	Intentional self-harm	3.9%
5	Kidney failure	3.9%



Cina (345 kematian)

1	Ischaemic heart diseases	15.1%
2	Pneumonia	13.0%
3	Diabetes mellitus	7.2%
4	Malignant neoplasms of large intestine, anus, and anal canal	4.3%
5	Intracranial haemorrhage	3.5%

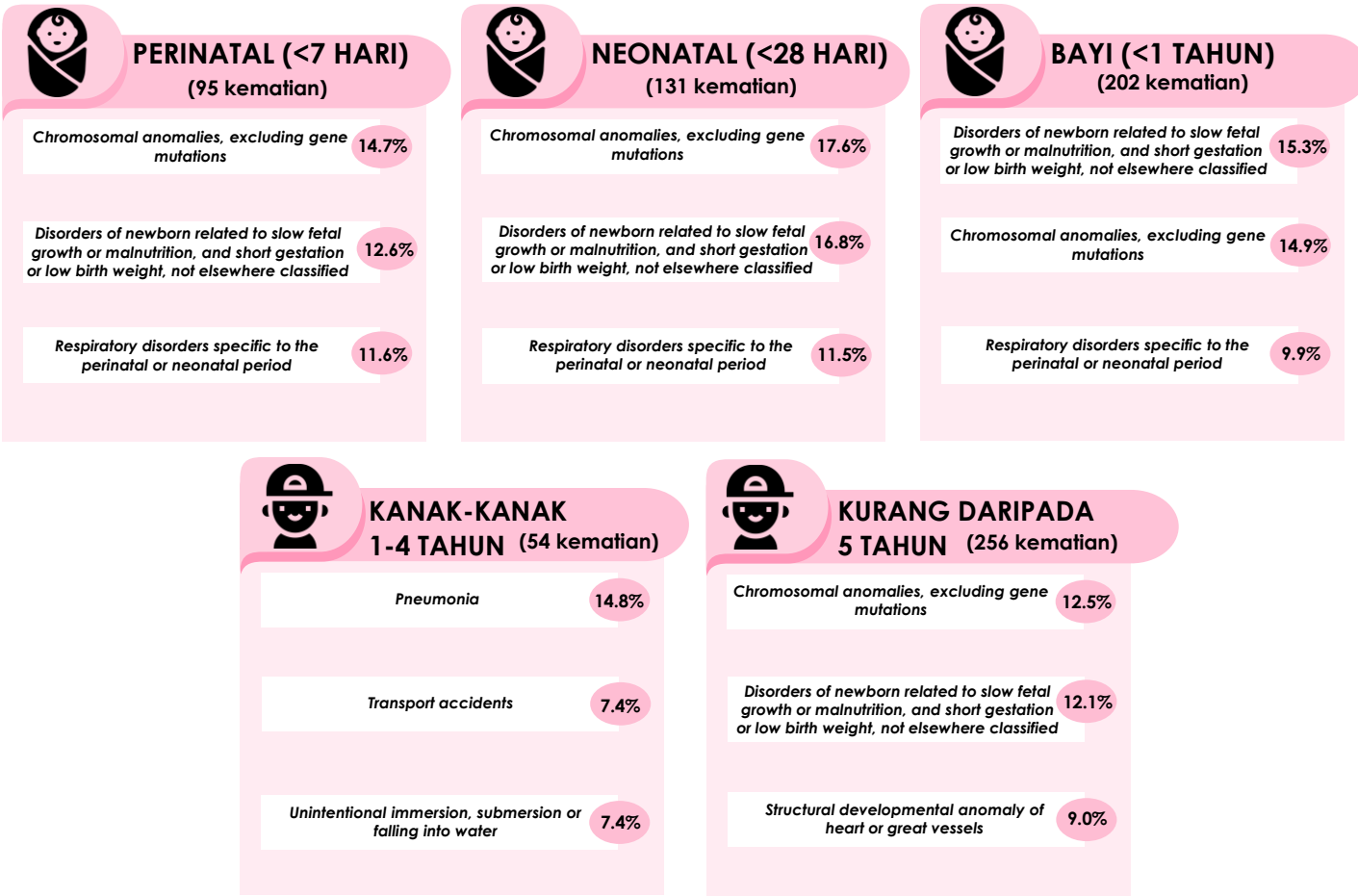


Indian (23 kematian)

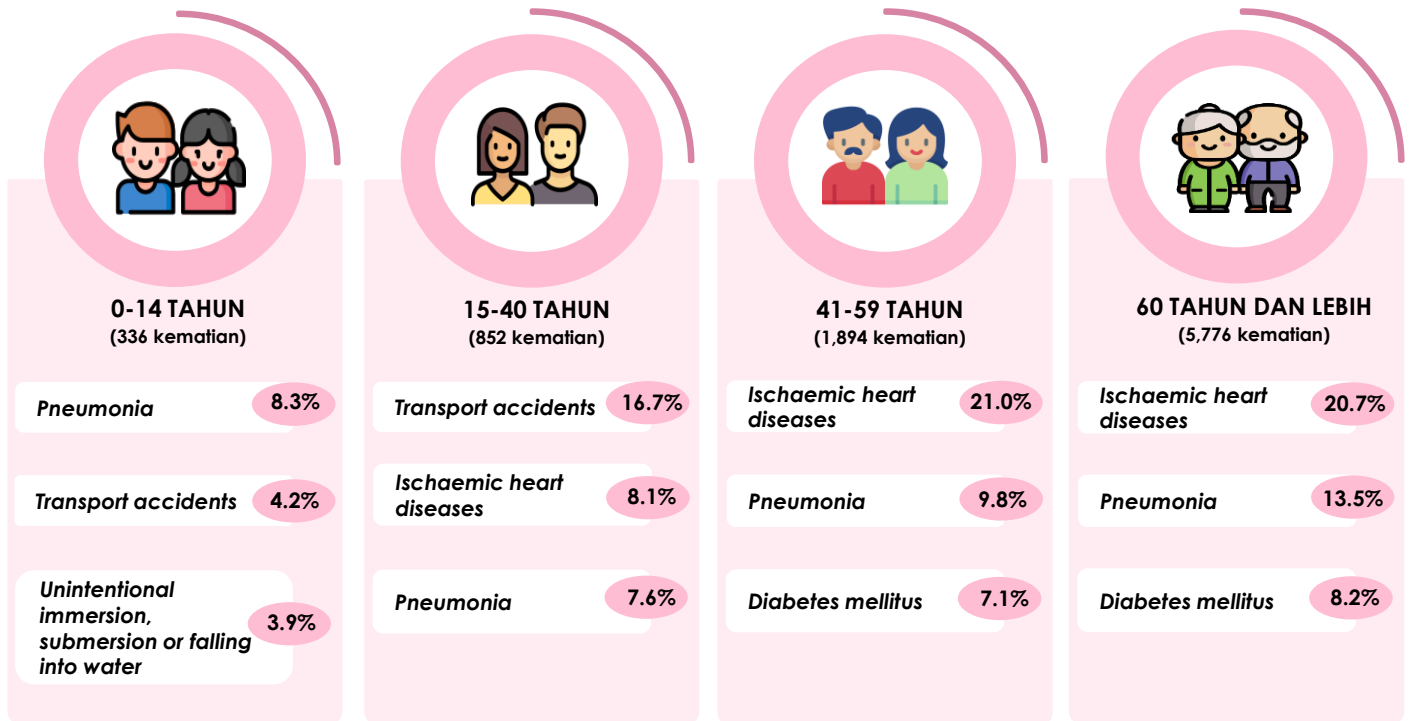
1	Ischaemic heart diseases	17.4%
2	Pneumonia	8.7%
3	Cerebral ischaemia	4.3%
4	Diabetes mellitus	4.3%
5	Malignant neoplasms of bronchus or lung	4.3%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, KELANTAN, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, KELANTAN, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

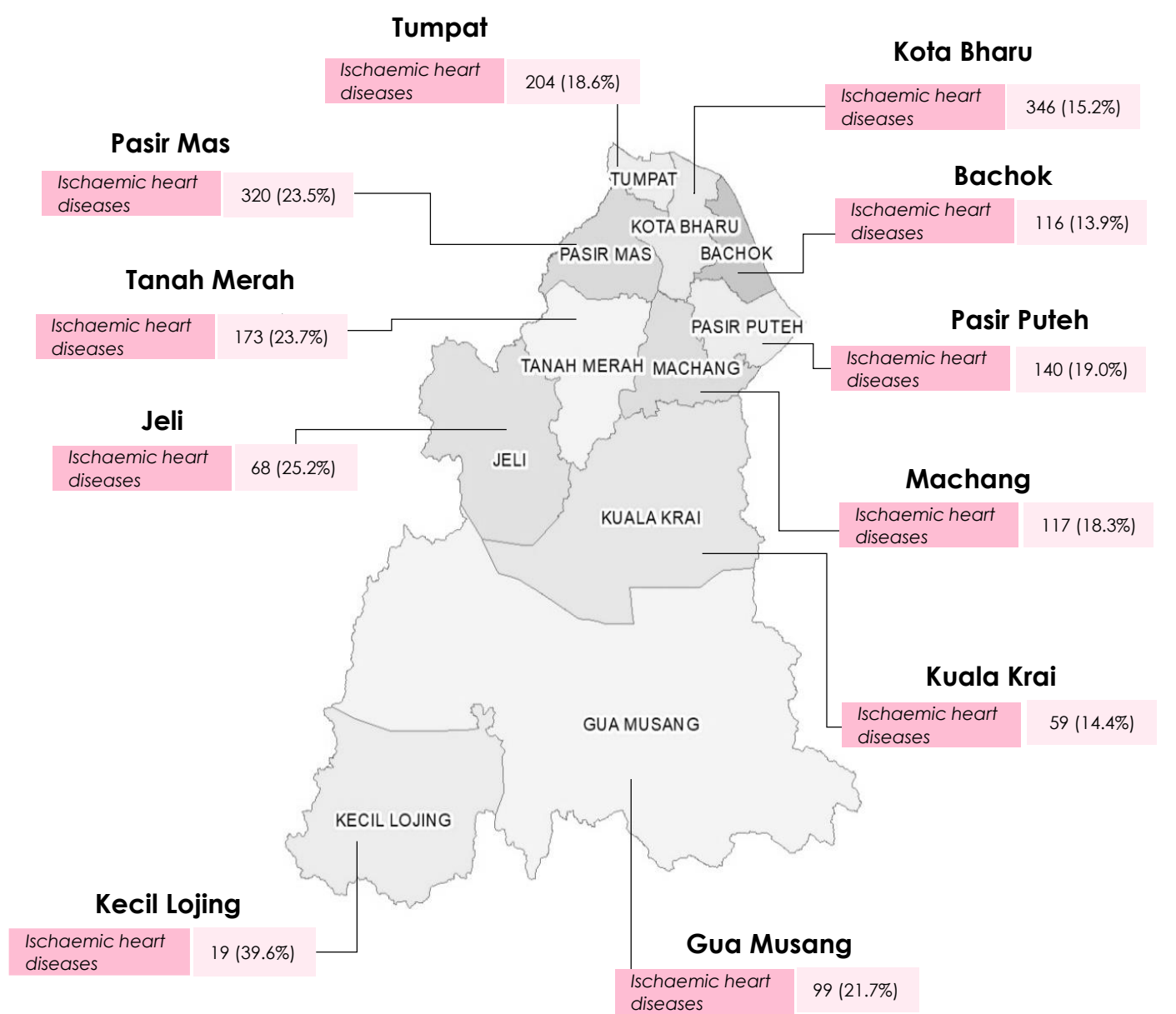
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, KELANTAN, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>	<i>Metabolic disorders</i>
Jumlah	1,661	1,057	627	327	274
0	-	10 (0.9%)	-	-	5 (1.8%)
1-4	-	8 (0.8%)	-	-	1 (0.4%)
5-9	-	7 (0.7%)	-	-	1 (0.4%)
10-14	1 (0.1%)	3 (0.3%)	-	-	2 (0.7%)
15-19	2 (0.1%)	7 (0.7%)	-	-	1 (0.4%)
20-24	3 (0.2%)	10 (0.9%)	-	1 (0.3%)	1 (0.4%)
25-29	7 (0.4%)	7 (0.7%)	2 (0.3%)	-	2 (0.7%)
30-34	9 (0.5%)	18 (1.7%)	3 (0.5%)	1 (0.3%)	4 (1.5%)
35-39	36 (2.2%)	19 (1.8%)	9 (1.4%)	2 (0.6%)	3 (1.1%)
40-44	65 (3.9%)	27 (2.6%)	13 (2.1%)	3 (0.9%)	3 (1.1%)
45-49	76 (4.6%)	39 (3.7%)	29 (4.6%)	4 (1.2%)	11 (4.0%)
50-54	122 (7.3%)	50 (4.7%)	36 (5.7%)	14 (4.3%)	9 (3.3%)
55-59	146 (8.8%)	74 (7.0%)	59 (9.4%)	20 (6.1%)	12 (4.4%)
60-64	181 (10.9%)	120 (11.4%)	81 (12.9%)	37 (11.3%)	27 (9.9%)
65-69	206 (12.4%)	109 (10.3%)	107 (17.1%)	35 (10.7%)	26 (9.5%)
70-74	216 (13.0%)	152 (14.4%)	106 (16.9%)	48 (14.7%)	36 (13.1%)
75-79	230 (13.8%)	159 (15.0%)	82 (13.1%)	67 (20.5%)	47 (17.2%)
80-84	182 (11.0%)	121 (11.4%)	51 (8.1%)	43 (13.1%)	37 (13.5%)
85 dan lebih	179 (10.8%)	117 (11.1%)	49 (7.8%)	52 (15.9%)	46 (16.8%)

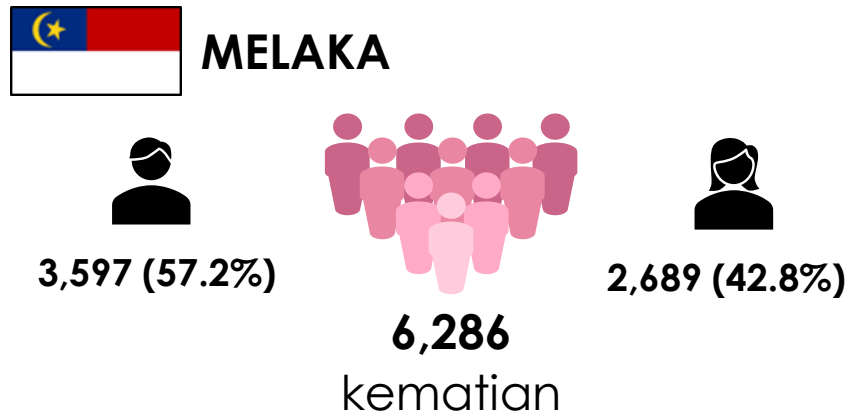
Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN²,
KELANTAN, 2024



Nota:
1) ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan
2) ²Jajahan

BILANGAN KEMATIAN, MELAKA, 2024

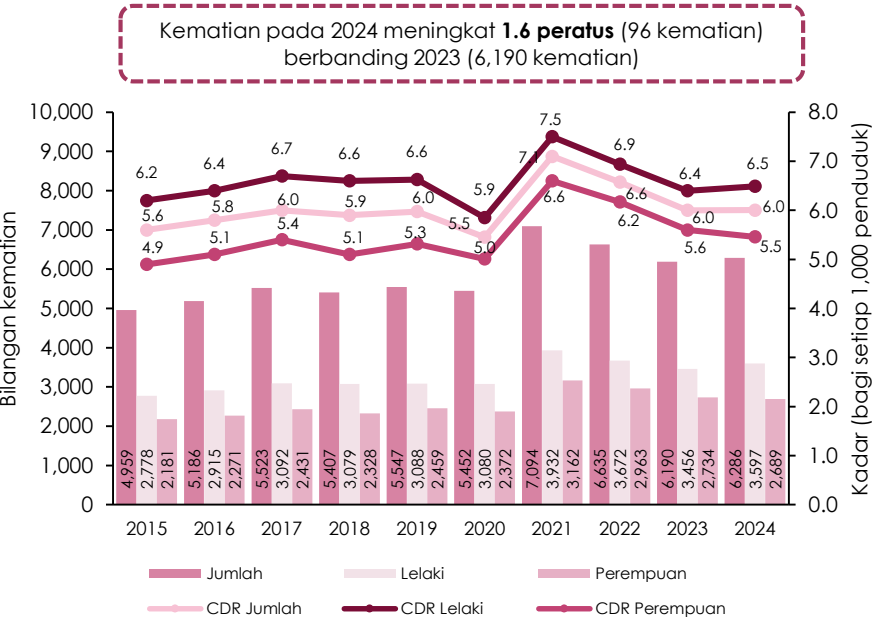


PURATA

1 kematian setiap jam

17 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
MELAKA, 2015-2024



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases
merupakan sebab kematian utama di Melaka tahun 2024
13.6%



Ischaemic heart diseases
16.5%

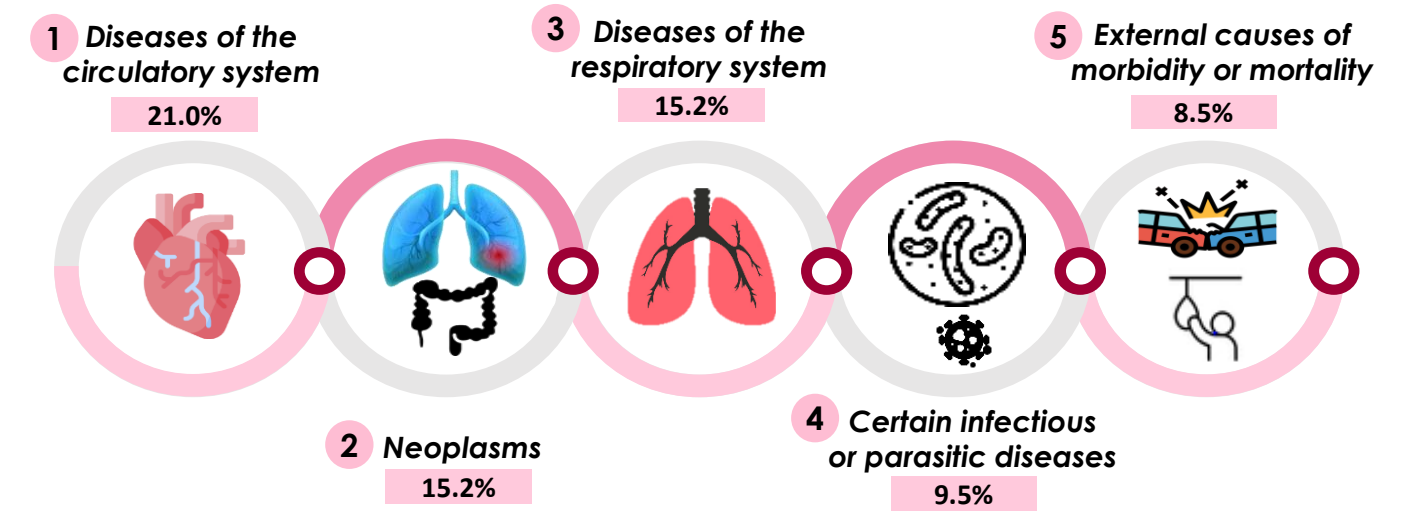


Pneumonia
11.2%



Ectopic pregnancy
merupakan sebab kematian utama bagi ibu bersalin
100.0%

LIMA SEBAB KEMATIAN UTAMA UTAMA¹ MENGIKUT BAB ICD-11, MELAKA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
MELAKA, 2024



Melayu (2,246 kematian)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	10.2%
3	Transport accidents	5.9%
4	Diabetes mellitus	4.8%
5	Kidney failure	3.3%



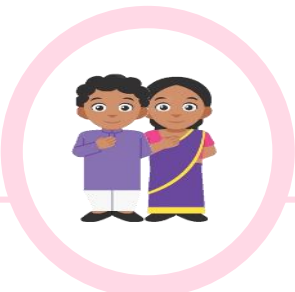
Bumiputera Lain (15 kematian)

1	Ischaemic heart diseases	20.0%
2	Intracranial haemorrhage	13.3%
3	Asthma	6.7%
4	Chronic obstructive pulmonary disease	6.7%
5	Diabetes mellitus	6.7%



Cina (902 kematian)

1	Ischaemic heart diseases	13.2%
2	Pneumonia	11.8%
3	Intracranial haemorrhage	4.0%
4	Kidney failure	3.4%
5	Malignant neoplasms of bronchus or lung	3.3%

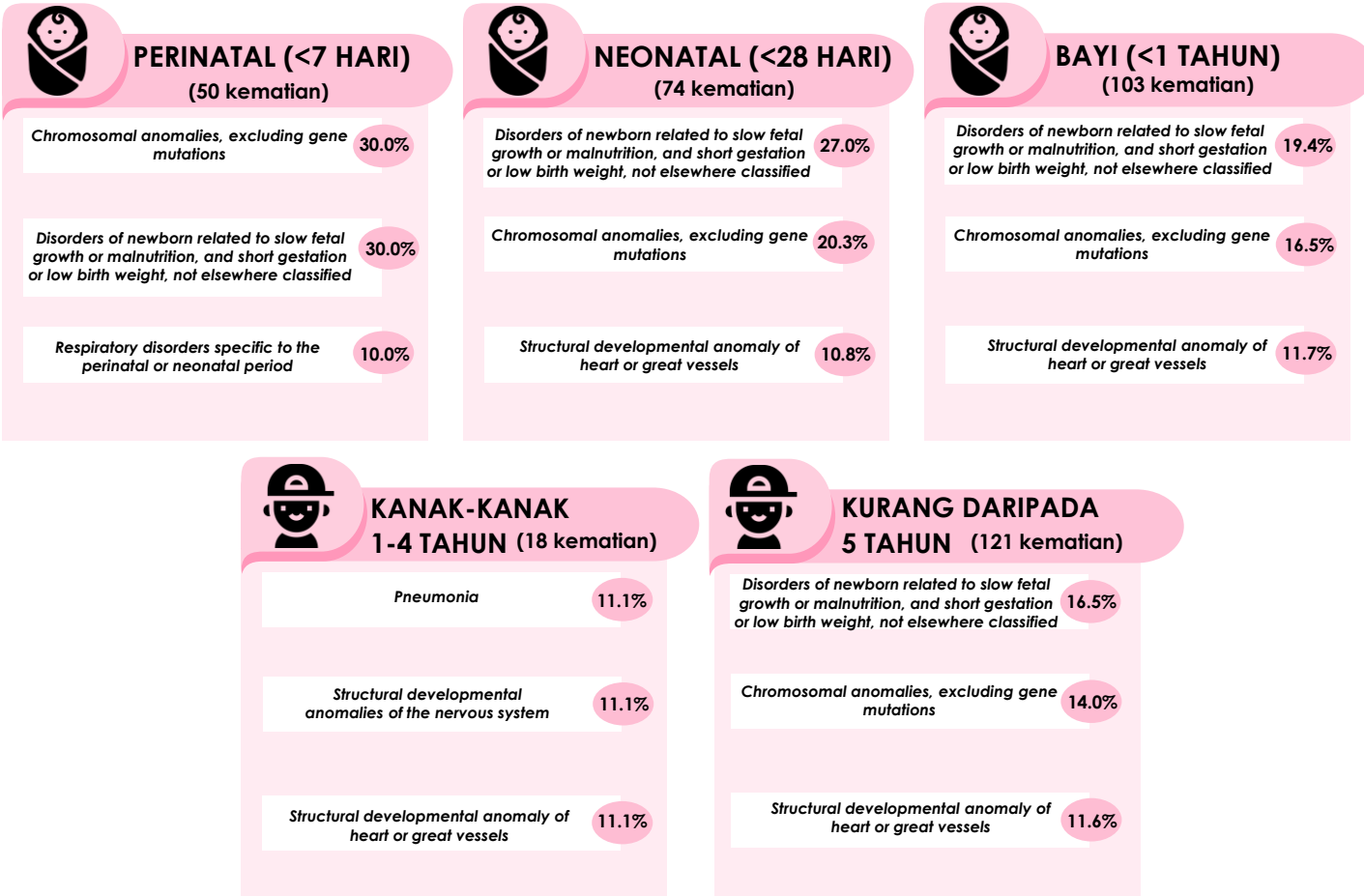


India (271 kematian)

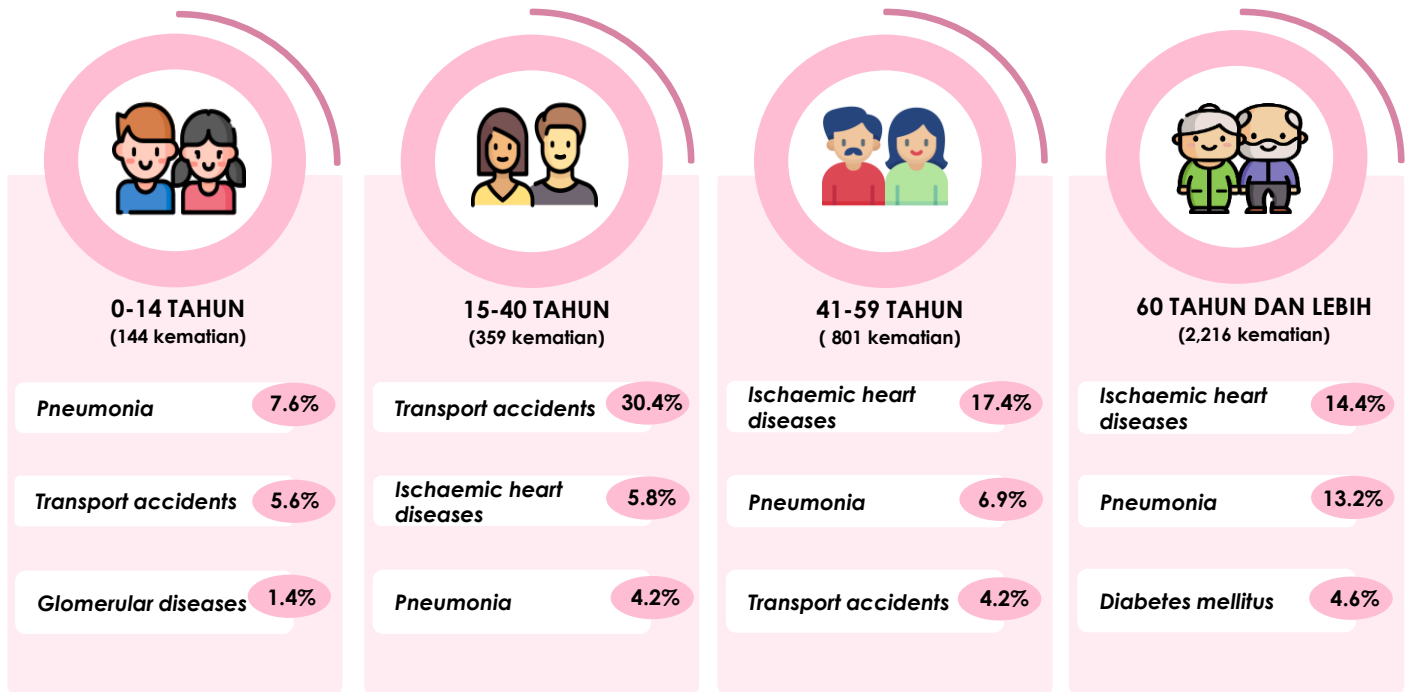
1	Ischaemic heart diseases	20.3%
2	Pneumonia	10.0%
3	Transport accidents	8.1%
4	Kidney failure	4.4%
5	Intentional self-harm	3.0%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, MELAKA, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, MELAKA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

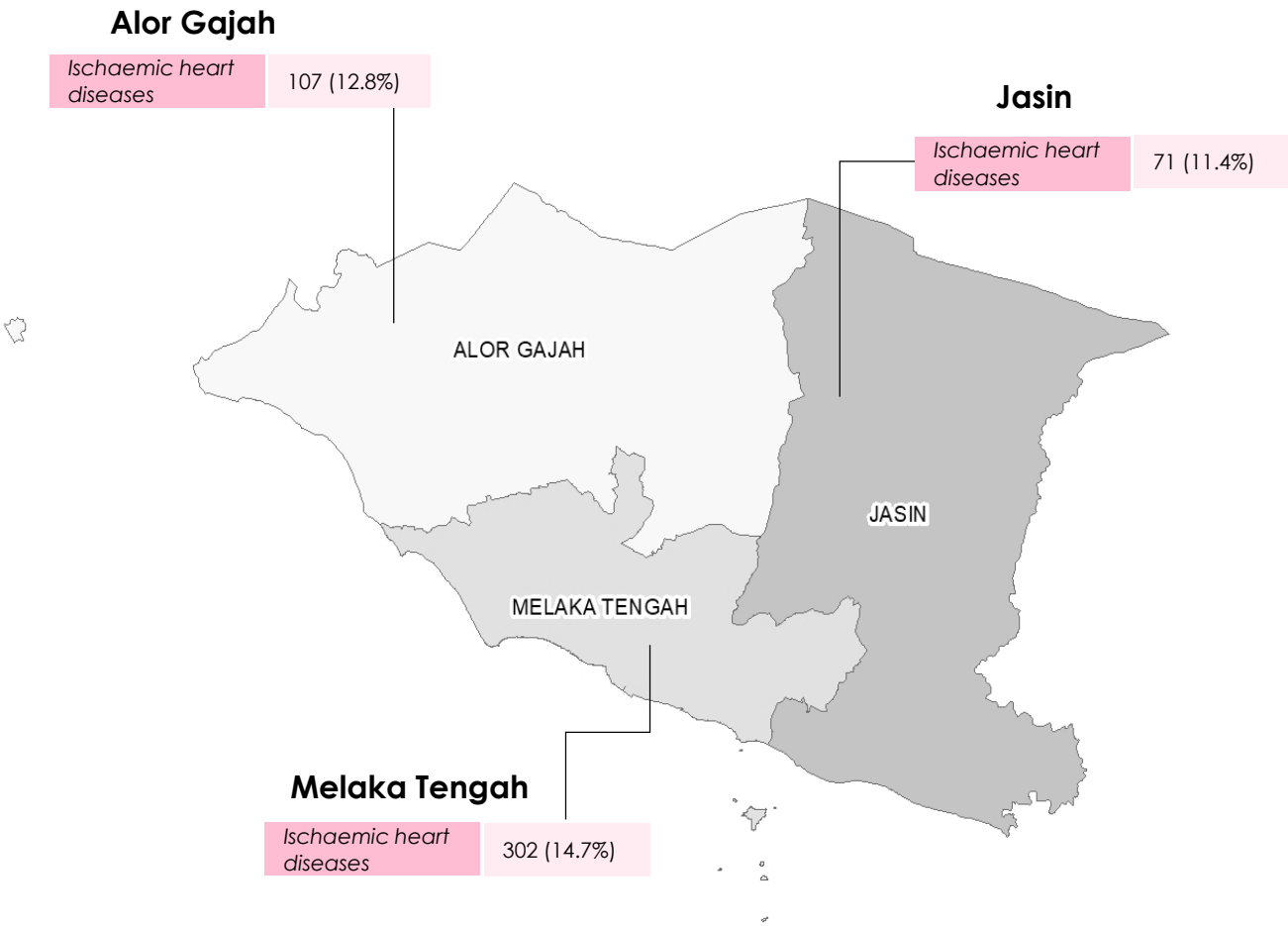
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, MELAKA, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Transport accidents</i>	<i>Diabetes mellitus</i>	<i>Kidney failure</i>
Jumlah	480	373	183	135	116
0	-	6 (1.6%)	-	-	-
1-4	-	2 (0.5%)	2 (1.1%)	-	-
5-9	1 (0.2%)	-	2 (1.1%)	-	-
10-14	-	3 (0.8%)	4 (2.2%)	-	1 (0.9%)
15-19	-	-	33 (18.0%)	-	-
20-24	-	2 (0.5%)	31 (16.9%)	-	-
25-29	4 (0.8%)	4 (1.1%)	19 (10.4%)	2 (1.5%)	-
30-34	5 (1.0%)	3 (0.8%)	15 (8.2%)	1 (0.7%)	2 (1.7%)
35-39	11 (2.3%)	5 (1.3%)	8 (4.4%)	4 (3.0%)	1 (0.9%)
40-44	22 (4.6%)	9 (2.4%)	11 (6.0%)	5 (3.7%)	1 (0.9%)
45-49	24 (5.0%)	15 (4.0%)	9 (4.9%)	6 (4.4%)	4 (3.4%)
50-54	43 (9.0%)	9 (2.4%)	10 (5.5%)	7 (5.2%)	2 (1.7%)
55-59	51 (10.6%)	23 (6.2%)	7 (3.8%)	8 (5.9%)	8 (6.9%)
60-64	64 (13.3%)	33 (8.8%)	7 (3.8%)	14 (10.4%)	14 (12.1%)
65-69	70 (14.6%)	49 (13.1%)	8 (4.4%)	14 (10.4%)	28 (24.1%)
70-74	76 (15.8%)	43 (11.5%)	8 (4.4%)	18 (13.3%)	12 (10.3%)
75-79	48 (10.0%)	62 (16.6%)	5 (2.7%)	23 (17.0%)	14 (12.1%)
80-84	31 (6.5%)	50 (13.4%)	3 (1.6%)	14 (10.4%)	19 (16.4%)
85 dan lebih	30 (6.3%)	55 (14.7%)	1 (0.5%)	19 (14.1%)	10 (8.6%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, MELAKA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, NEGERI SEMBILAN, 2024



NEGERI SEMBILAN



4,985 (57.4%)



8,686
kematian



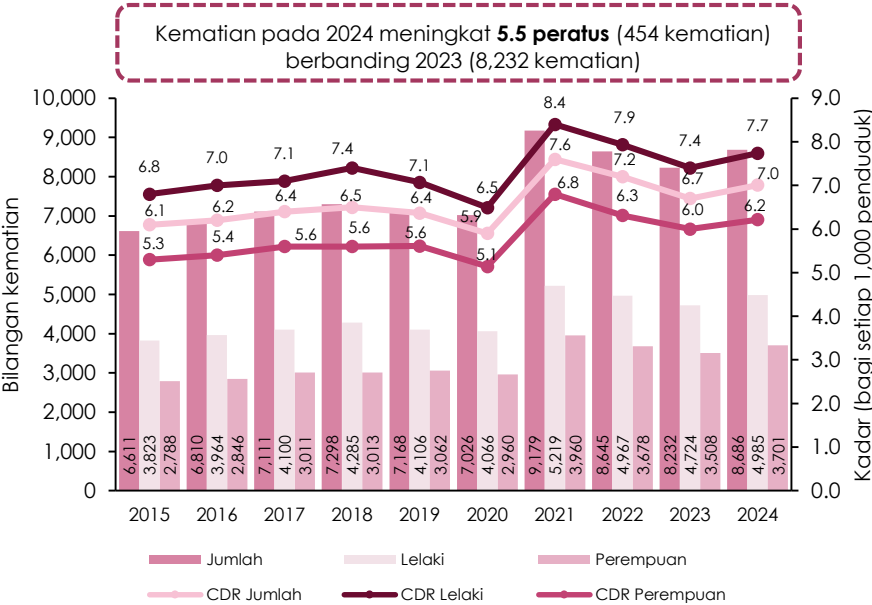
3,701 (42.6%)

PURATA

1 kematian setiap jam

24 kematian setiap hari

MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
NEGERI SEMBILAN, 2015-2024



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases
merupakan sebab kematian utama di Negeri Sembilan tahun 2024

12.8%



Ischaemic heart diseases

15.4%



Diabetes mellitus

12.4%



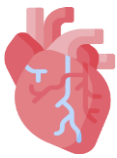
Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium
merupakan sebab kematian utama bagi ibu bersalin

40.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11,
NEGERI SEMBILAN, 2024

1 Diseases of the circulatory system

20.4%



2 Neoplasms

14.5%



3 Diseases of the respiratory system

12.7%



4 Endocrine, nutritional or metabolic diseases

12.6%



5 Certain infectious or parasitic diseases

8.1%



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
NEGERI SEMBILAN, 2024



Melayu (3,712 kematian)

1	Diabetes mellitus	12.3%
2	Ischaemic heart diseases	11.5%
3	Pneumonia	8.5%
4	Transport accidents	4.1%
5	Kidney failure	2.8%



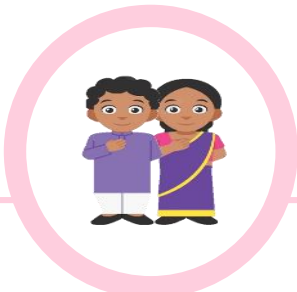
Bumiputera Lain (91 kematian)

1	Ischaemic heart diseases	16.5%
2	Pneumonia	7.7%
3	Cerebral ischaemia	3.3%
4	Diabetes mellitus	3.3%
5	Transport accidents	3.3%



Cina (1,426 kematian)

1	Ischaemic heart diseases	11.8%
2	Pneumonia	8.1%
3	Diabetes mellitus	7.9%
4	Malignant neoplasms of bronchus or lung	3.1%
5	Stroke not known if ischaemic or haemorrhagic	3.1%

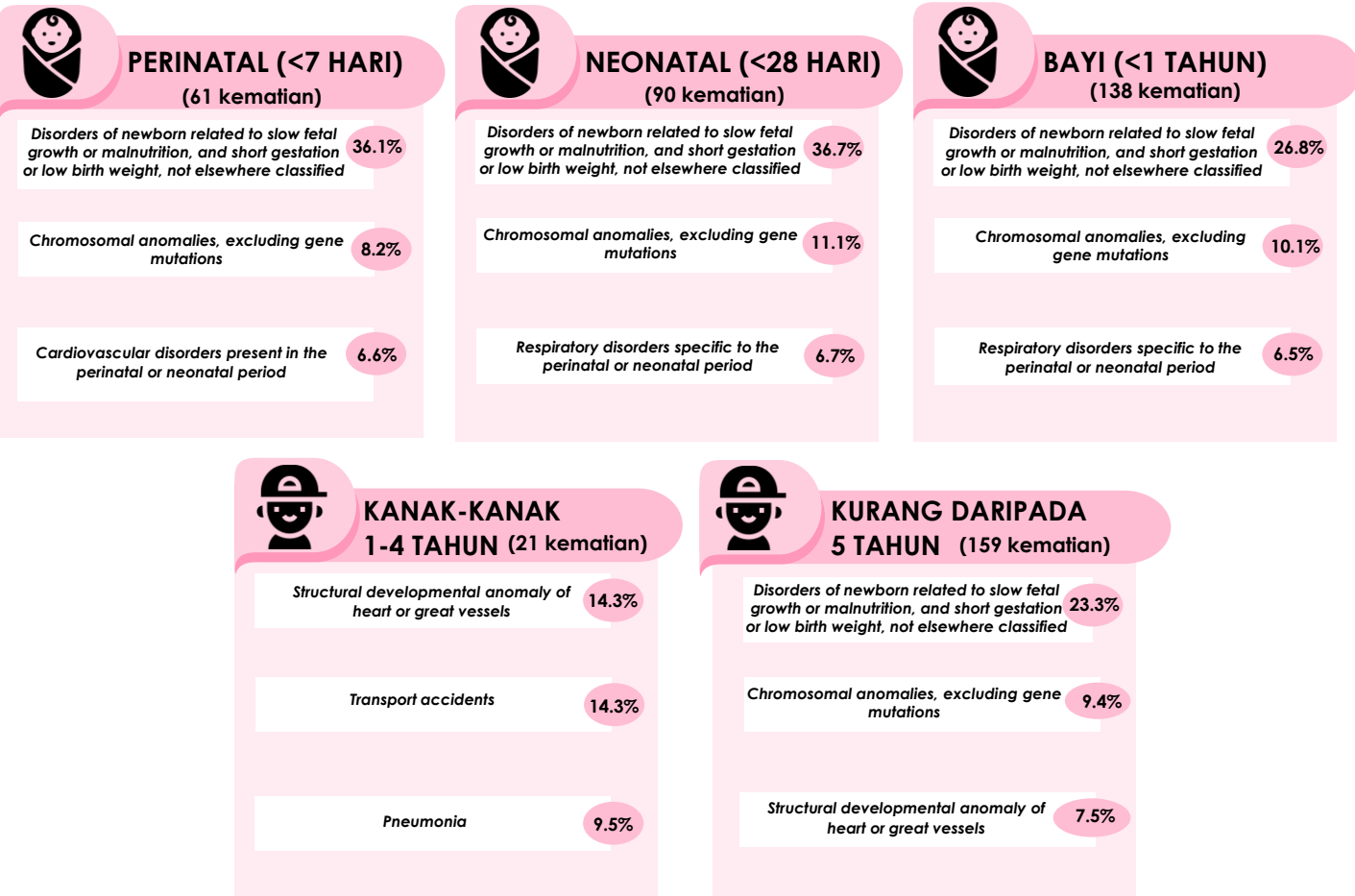


India (1,068 kematian)

1	Ischaemic heart diseases	18.4%
2	Diabetes mellitus	9.3%
3	Pneumonia	7.5%
4	Transport accidents	4.7%
5	Intentional self-harm	1.9%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, NEGERI SEMBILAN, 2024

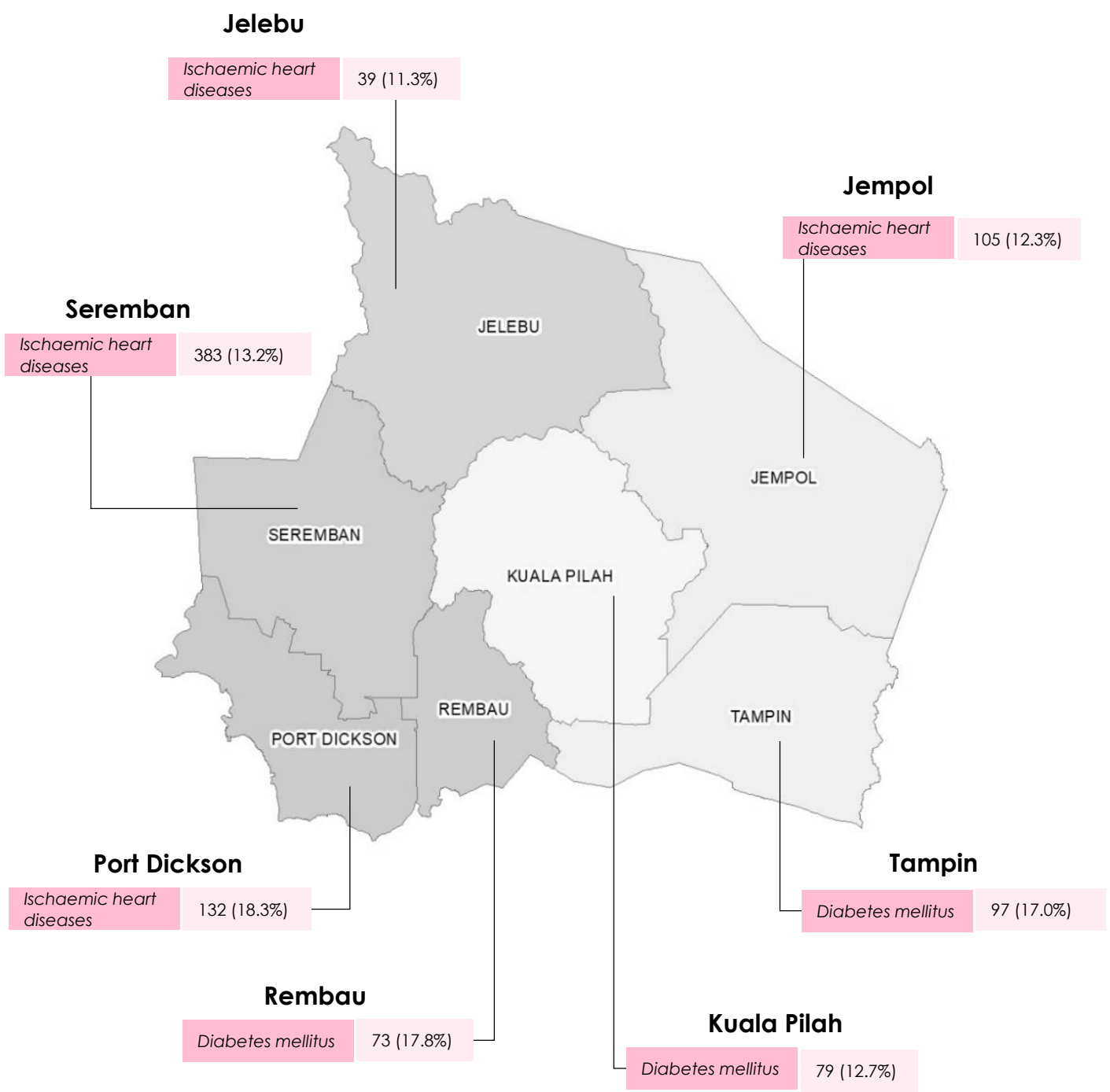


SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹
MENGIKUT KUMPULAN UMUR, NEGERI SEMBILAN, 2024

Kumpulan Umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Diabetes mellitus</i>	<i>Pneumonia</i>	<i>Transport accidents</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>
Jumlah	820	683	521	239	161
0	-	-	6 (1.2%)	-	-
1-4	-	-	2 (0.4%)	3 (1.3%)	-
5-9	-	-	2 (0.4%)	-	-
10-14	-	-	1 (0.2%)	7 (2.9%)	-
15-19	-	-	4 (0.8%)	30 (12.6%)	-
20-24	3 (0.4%)	1 (0.1%)	4 (0.8%)	43 (18.0%)	-
25-29	3 (0.4%)	-	4 (0.8%)	25 (10.5%)	-
30-34	11 (1.3%)	2 (0.3%)	3 (0.6%)	18 (7.5%)	-
35-39	22 (2.7%)	5 (0.7%)	7 (1.3%)	23 (9.6%)	4 (2.5%)
40-44	43 (5.2%)	8 (1.2%)	17 (3.3%)	17 (7.1%)	1 (0.6%)
45-49	68 (8.3%)	16 (2.3%)	12 (2.3%)	9 (3.8%)	3 (1.9%)
50-54	77 (9.4%)	29 (4.2%)	12 (2.3%)	8 (3.3%)	-
55-59	103 (12.6%)	52 (7.6%)	35 (6.7%)	8 (3.3%)	8 (5.0%)
60-64	97 (11.8%)	83 (12.2%)	50 (9.6%)	9 (3.8%)	20 (12.4%)
65-69	103 (12.6%)	93 (13.6%)	54 (10.4%)	15 (6.3%)	14 (8.7%)
70-74	92 (11.2%)	108 (15.8%)	73 (14.0%)	10 (4.2%)	26 (16.1%)
75-79	78 (9.5%)	103 (15.1%)	68 (13.1%)	8 (3.3%)	20 (12.4%)
80-84	57 (7.0%)	81 (11.9%)	73 (14.0%)	2 (0.8%)	28 (17.4%)
85 dan lebih	63 (7.7%)	102 (14.9%)	94 (18.0%)	4 (1.7%)	37 (23.0%)

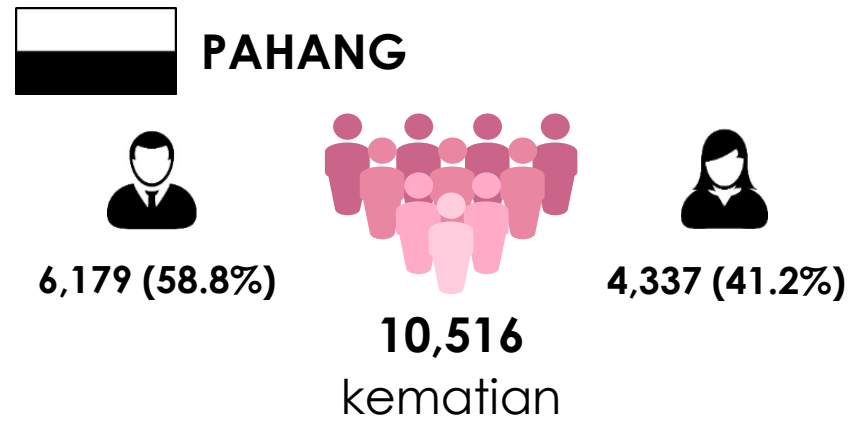
Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN,
NEGERI SEMBILAN, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, PAHANG, 2024

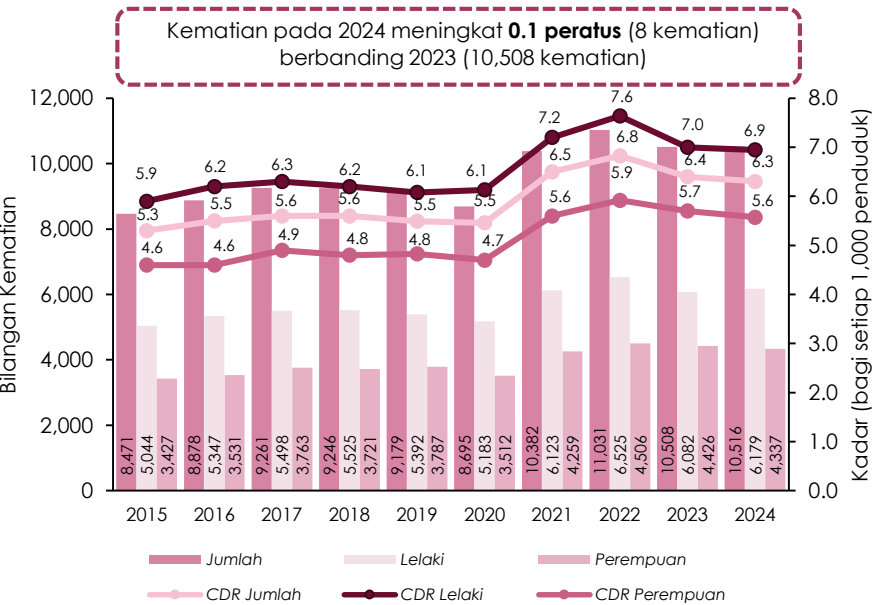


PURATA

1 kematian setiap jam

29 kematian setiap hari

MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PAHANG, 2015-2024



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases merupakan sebab kematian utama di Pahang tahun 2024

13.2%



Ischaemic heart diseases

15.1%



Pneumonia

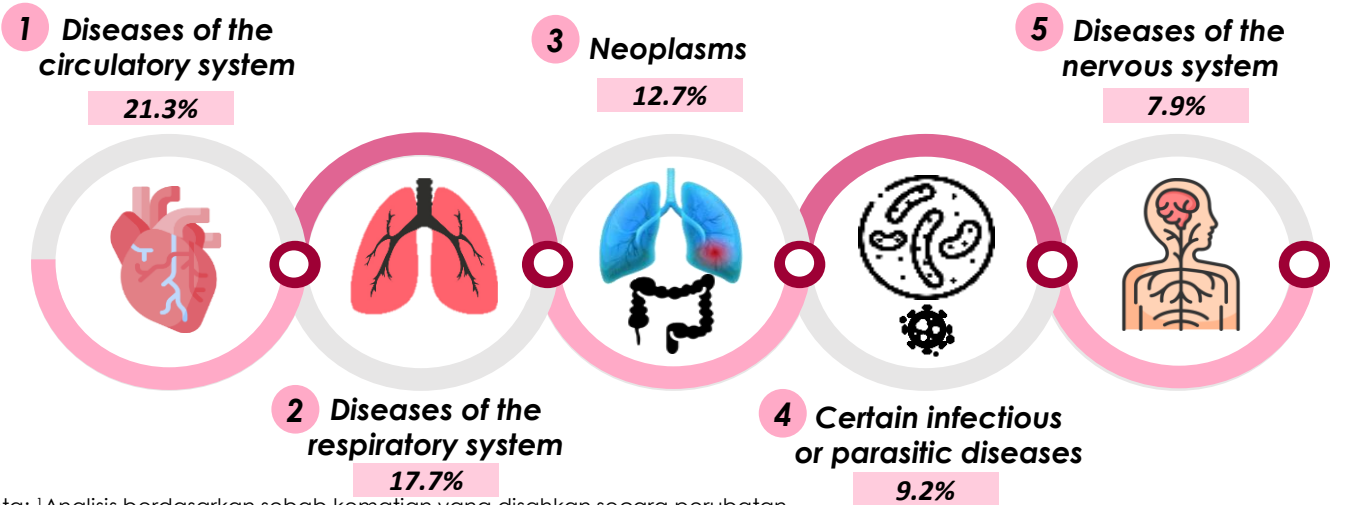
13.1%



Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium merupakan sebab kematian utama bagi ibu bersalin

50.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, PAHANG, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
PAHANG, 2024



Melayu (5,115 kematian)

1	Ischaemic heart diseases	12.8%
2	Pneumonia	12.8%
3	Diabetes mellitus	5.4%
4	Transport accidents	4.2%
5	Kidney failure	3.3%



Bumiputera Lain (388 kematian)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	7.2%
3	Transport accidents	4.4%
4	Intracranial haemorrhage	2.3%
5	Kidney failure	2.3%



Cina (1,224 kematian)

1	Ischaemic heart diseases	14.4%
2	Pneumonia	12.3%
3	Diabetes mellitus	3.2%
4	Malignant neoplasms of bronchus or lung	2.9%
5	Transport accidents	2.9%

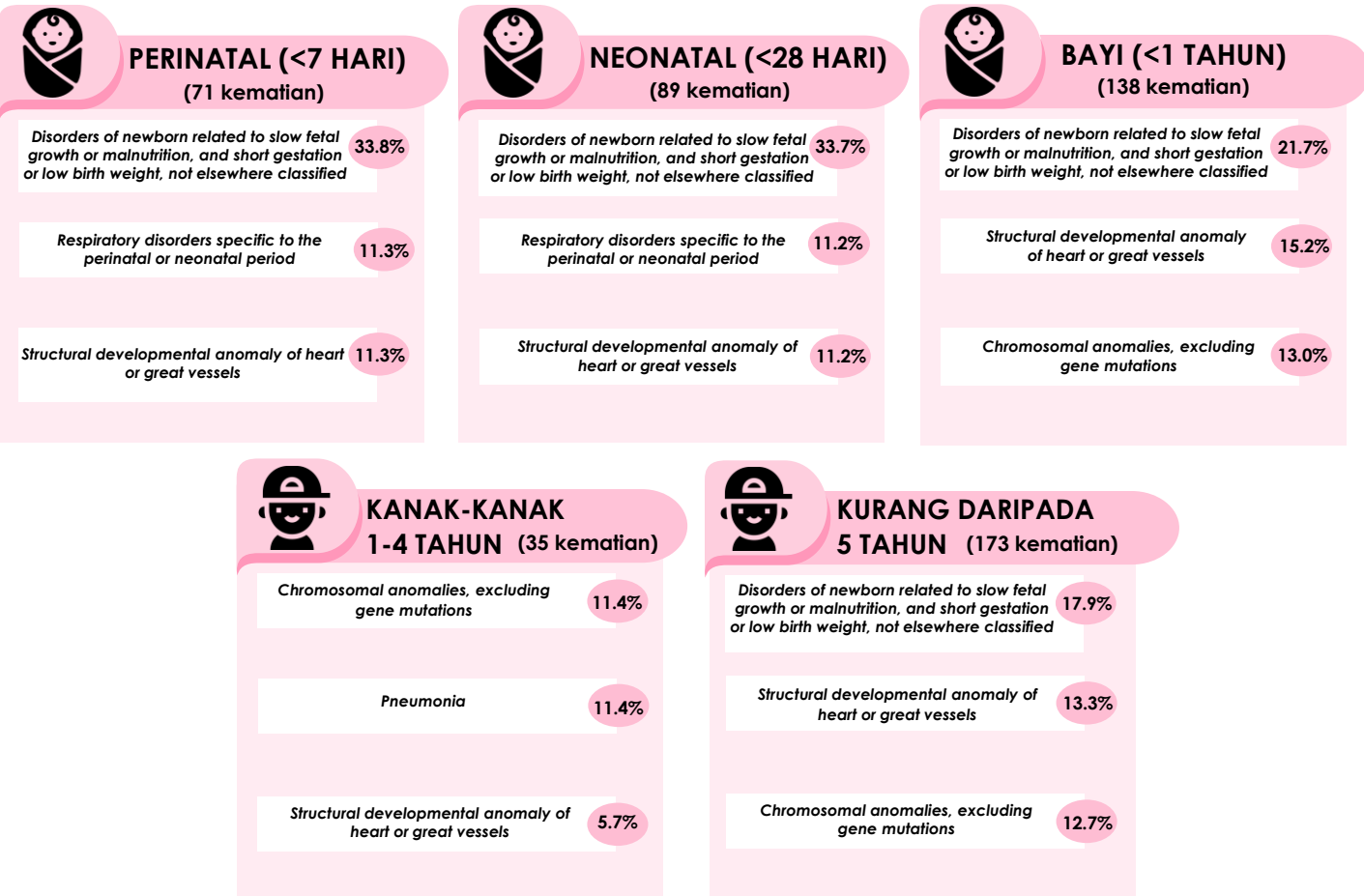


India (339 kematian)

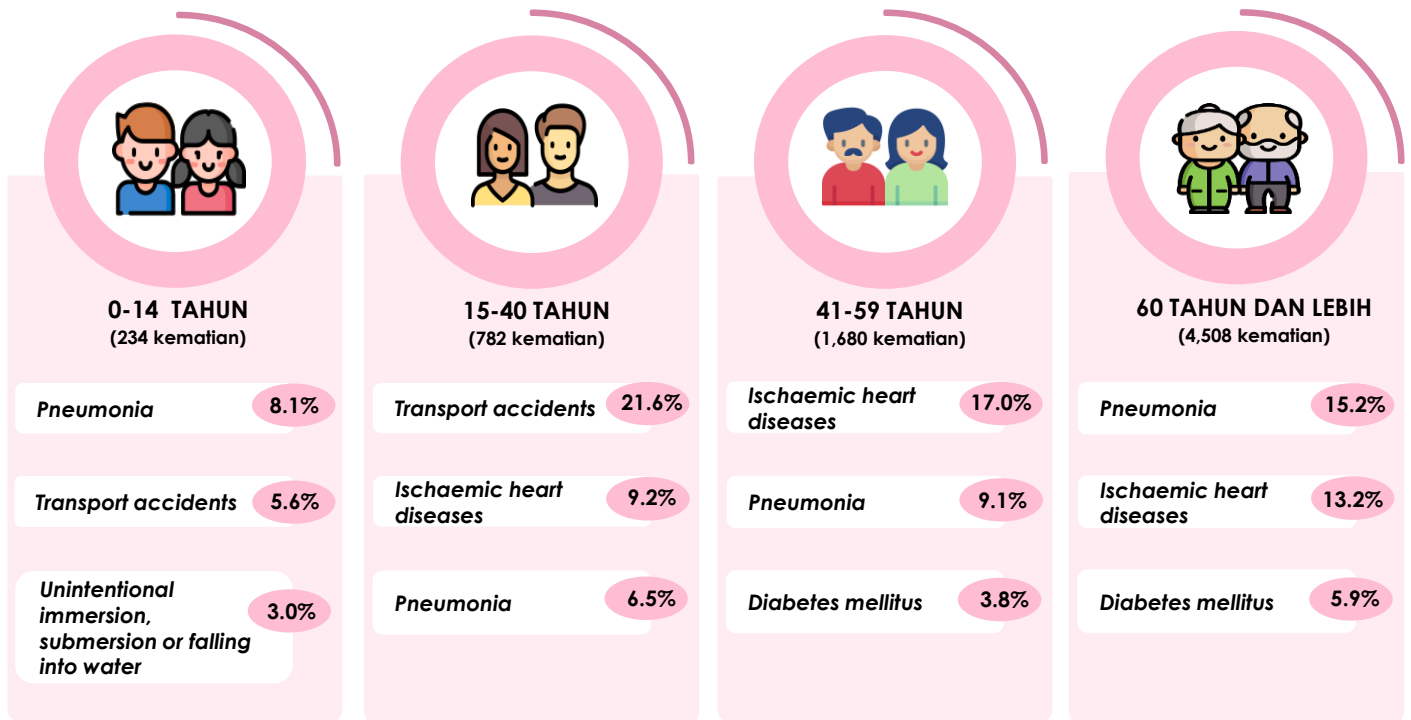
1	Ischaemic heart diseases	21.8%
2	Pneumonia	8.6%
3	Diabetes mellitus	5.3%
4	Transport accidents	4.7%
5	Kidney failure	2.7%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PAHANG, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PAHANG, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

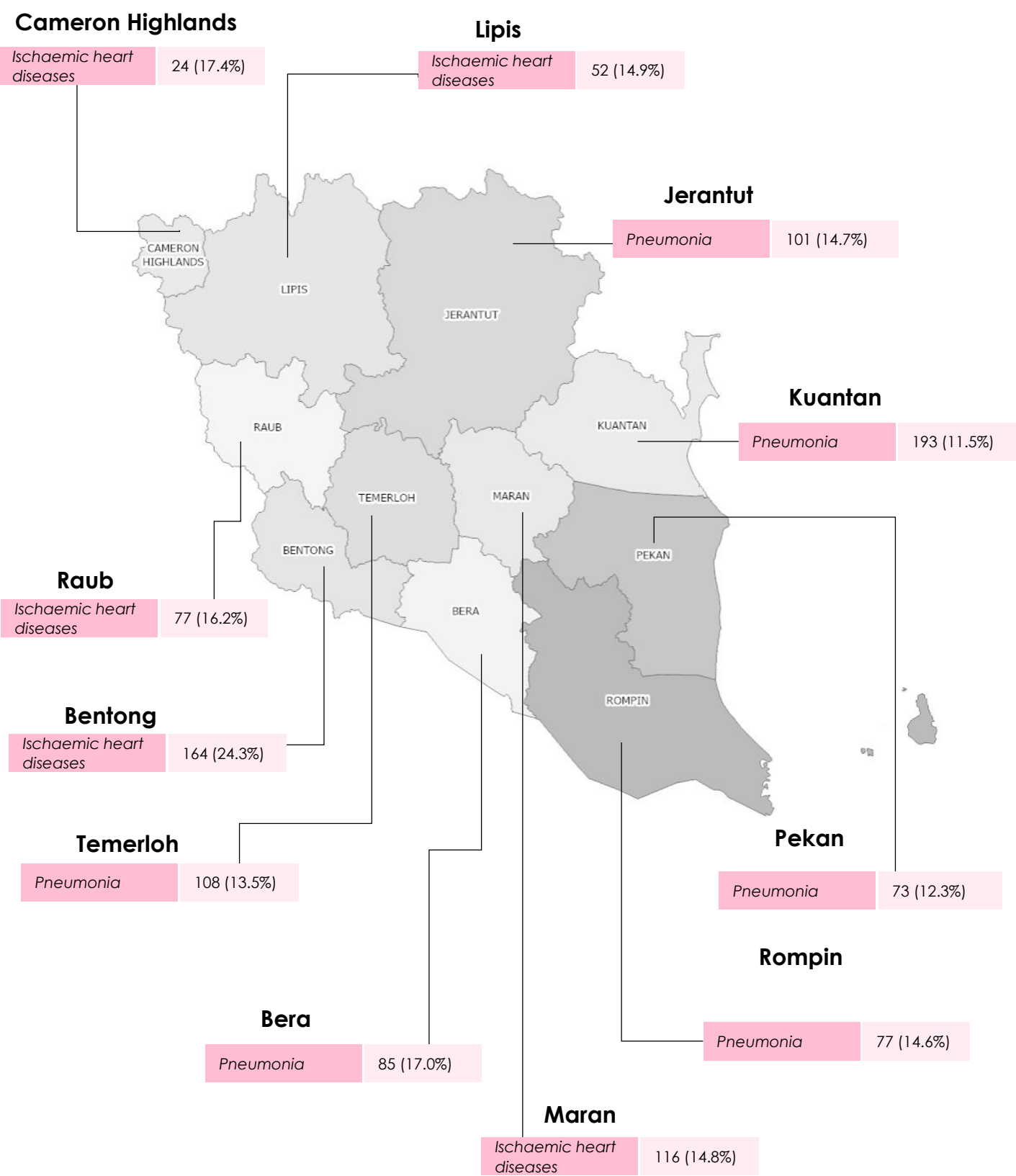
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, PAHANG, 2024

Kumpulan Umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Transport accidents</i>	<i>Kidney Failure</i>
Jumlah	953	908	339	290	223
0	-	10 (1.1%)	-	-	-
1-4	-	4 (0.4%)	-	2 (0.7%)	-
5-9	-	1 (0.1%)	-	-	-
10-14	-	4 (0.4%)	-	11 (3.8%)	1 (0.4%)
15-19	-	4 (0.4%)	-	36 (12.4%)	-
20-24	1 (0.1%)	4 (0.4%)	1 (0.3%)	51 (17.6%)	2 (0.9%)
25-29	3 (0.3%)	10 (1.1%)	1 (0.3%)	25 (8.6%)	2 (0.9%)
30-34	14 (1.5%)	11 (1.2%)	2 (0.6%)	29 (10.0%)	4 (1.8%)
35-39	41 (4.3%)	20 (2.2%)	6 (1.8%)	25 (8.6%)	5 (2.2%)
40-44	61 (6.4%)	22 (2.4%)	5 (1.5%)	18 (6.2%)	11 (4.9%)
45-49	73 (7.7%)	36 (4.0%)	15 (4.4%)	13 (4.5%)	12 (5.4%)
50-54	79 (8.3%)	52 (5.7%)	17 (5.0%)	18 (6.2%)	17 (7.6%)
55-59	85 (8.9%)	45 (5.0%)	27 (8.0%)	14 (4.8%)	17 (7.6%)
60-64	125 (13.1%)	92 (10.1%)	33 (9.7%)	9 (3.1%)	25 (11.2%)
65-69	99 (10.4%)	98 (10.8%)	56 (16.5%)	12 (4.1%)	29 (13.0%)
70-74	132 (13.9%)	156 (17.2%)	49 (14.5%)	12 (4.1%)	29 (13.0%)
75-79	90 (9.4%)	113 (12.4%)	55 (16.2%)	9 (3.1%)	32 (14.3%)
80-84	78 (8.2%)	103 (11.3%)	29 (8.6%)	4 (1.4%)	22 (9.9%)
85 dan lebih	72 (7.6%)	123 (13.5%)	43 (12.7%)	2 (0.7%)	15 (6.7%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, PAHANG, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, PERAK, 2024



PERAK



11,793 (56.3%)

9,155 (43.7%)

20,948
kematian

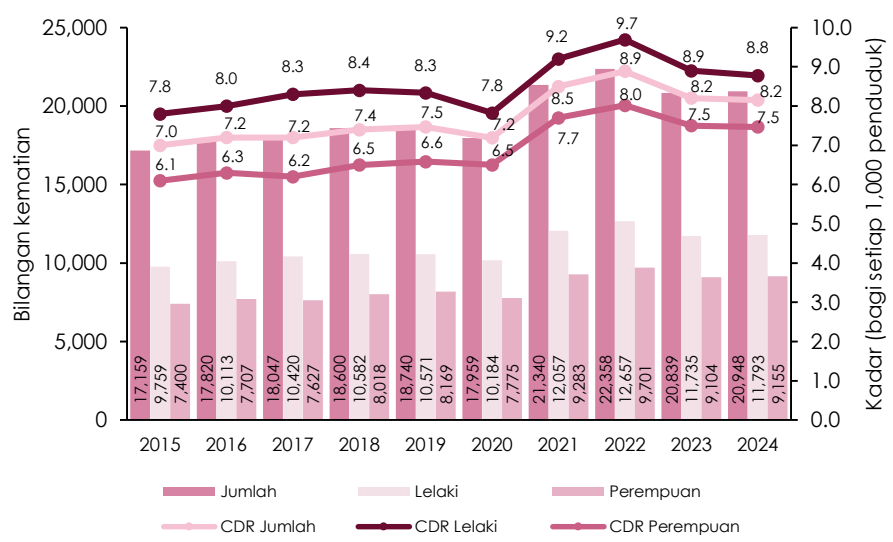
PURATA

2 kematian setiap jam

57 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PERAK, 2015-2024

Kematian pada 2024 meningkat **0.5 peratus** (109 kematian)
berbanding 2023 (20,839 kematian)



SEBAB KEMATIAN UTAMA¹



Pneumonia
merupakan sebab
kematian utama di **Perak**
tahun 2024

14.7%



Pneumonia

13.9%



Pneumonia

16.0%



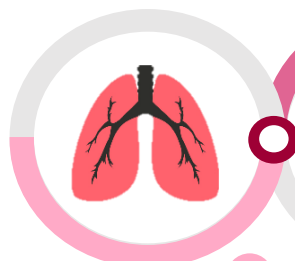
**Diseases of the circulatory
system complicating
pregnancy, childbirth or
the puerperium**

40.0%

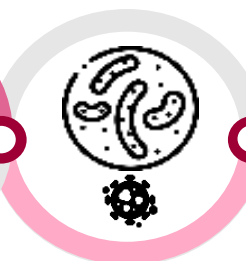
merupakan sebab
kematian utama bagi
ibu bersalin

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11 , PERAK, 2024

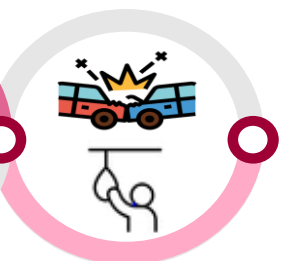
1 **Diseases of the
respiratory system**
20.1%



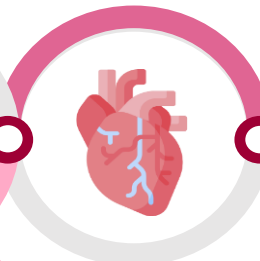
3 **Certain infectious
or parasitic diseases**
14.5%



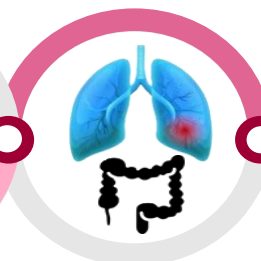
5 **External causes of
morbidity and mortality**
8.2%



2 **Diseases of the
circulatory system**
19.9%



4 **Neoplasms**
12.2%



LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, PERAK, 2024



Melayu (6,161 kematian)

1	Pneumonia	14.3%
2	Ischaemic heart diseases	11.3%
3	Transport accidents	4.1%
4	Diabetes mellitus	3.1%
5	Intracranial haemorrhage	2.8%



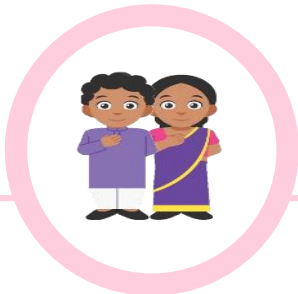
Bumiputera Lain (224 kematian)

1	Pneumonia	15.2%
2	Ischaemic heart diseases	7.1%
3	Transport accidents	7.1%
4	Intracranial haemorrhage	5.4%
5	Tuberculosis of the respiratory system	2.2%



Cina (3,502 kematian)

1	Pneumonia	15.2%
2	Ischaemic heart diseases	9.6%
3	Intracranial haemorrhage	3.5%
4	Malignant neoplasms of bronchus or lung	3.1%
5	Kidney failure	2.9%

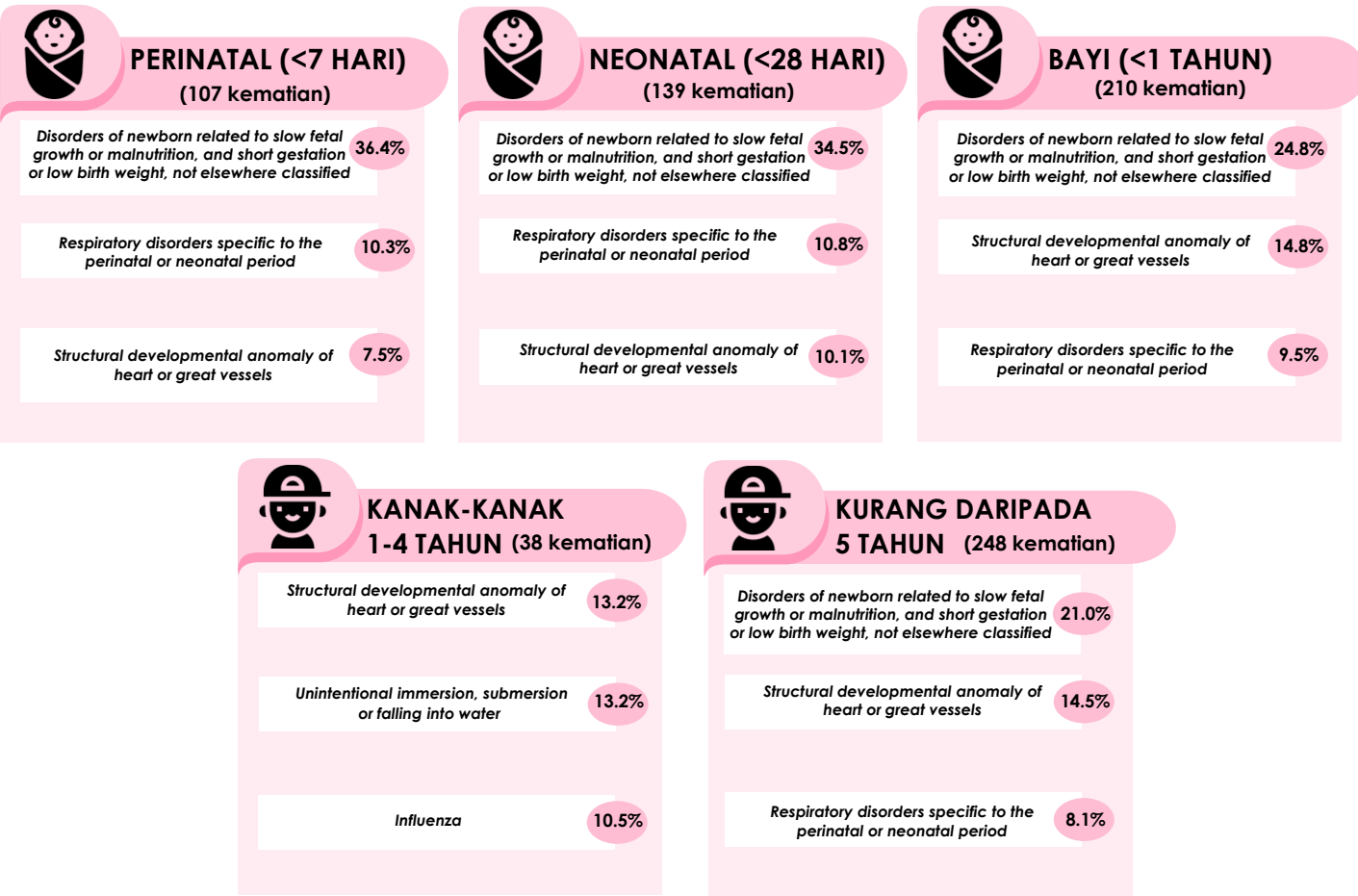


India (1,756 kematian)

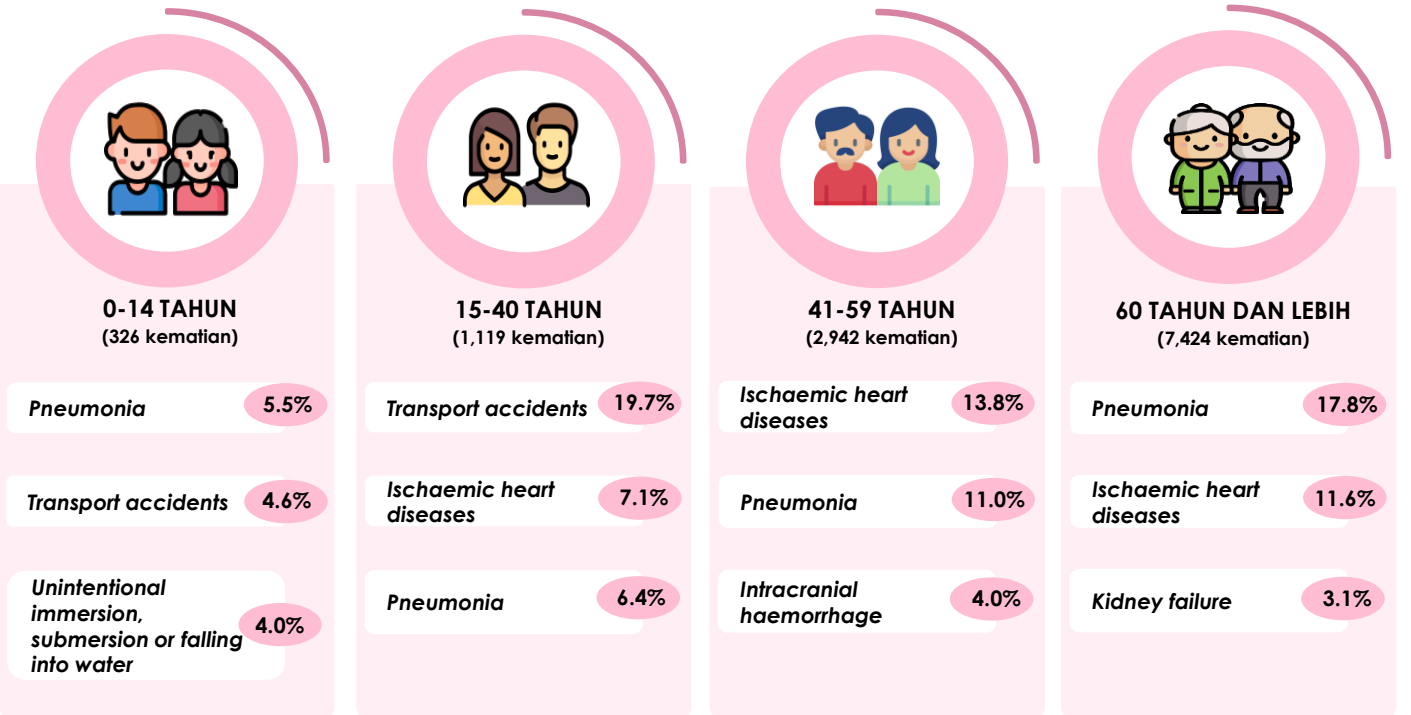
1	Ischaemic heart diseases	16.1%
2	Pneumonia	14.9%
3	Transport accidents	3.6%
4	Kidney failure	2.4%
5	Diabetes mellitus	2.2%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PERAK, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PERAK, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

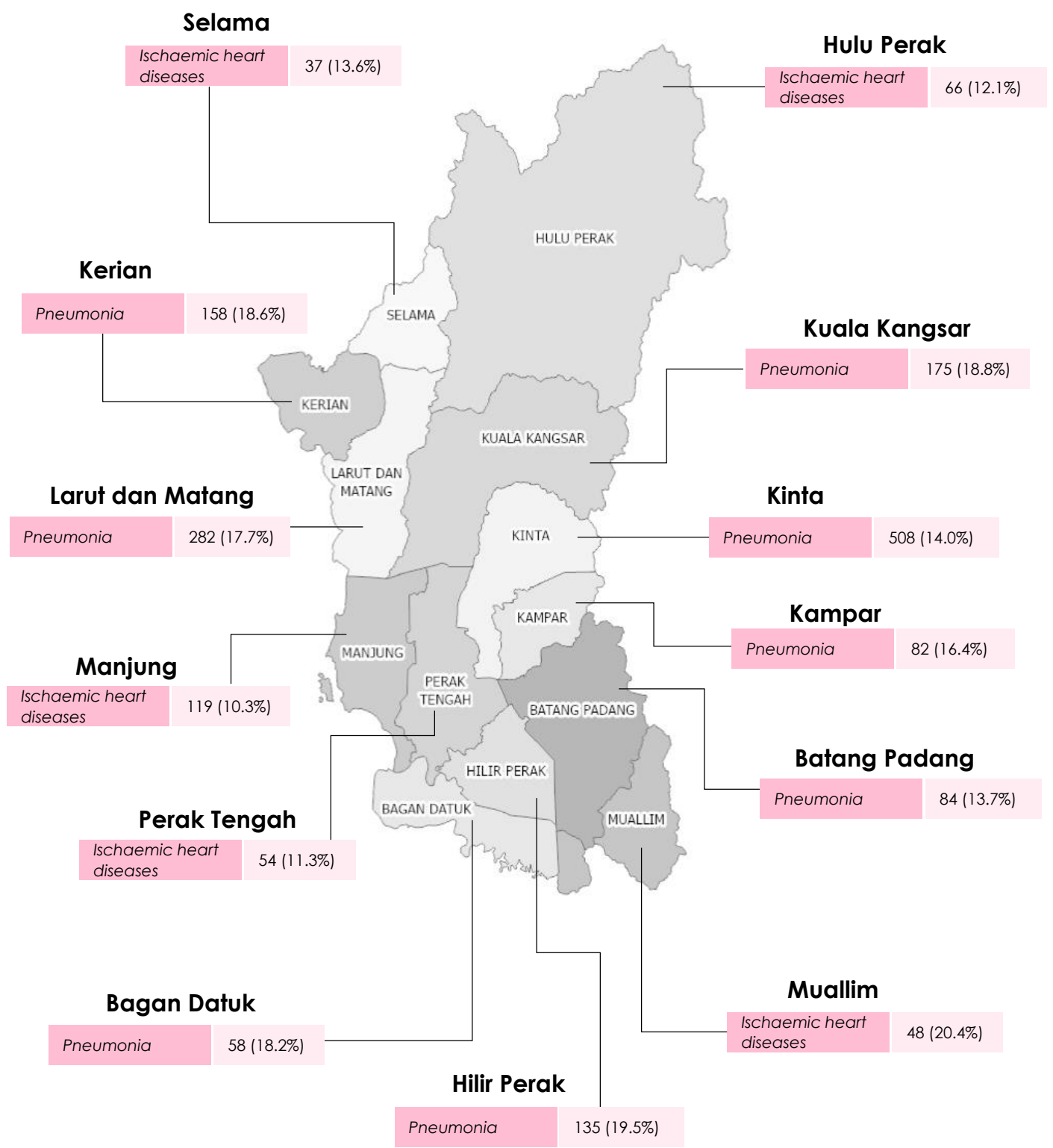
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, PERAK, 2024

Kumpulan umur (Tahun)	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Transport accidents</i>	<i>Intracranial haemorrhage</i>	<i>Kidney failure</i>
Jumlah	1,738	1,349	410	337	319
0	12 (0.7%)	-	3 (0.7%)	1 (0.3%)	-
1-4	2 (0.1%)	-	4 (1.0%)	-	-
5-9	2 (0.1%)	-	2 (0.5%)	-	-
10-14	2 (0.1%)	-	6 (1.5%)	-	-
15-19	5 (0.3%)	3 (0.2%)	50 (12.2%)	2 (0.6%)	-
20-24	8 (0.5%)	6 (0.4%)	49 (12.0%)	1 (0.3%)	1 (0.3%)
25-29	9 (0.5%)	8 (0.6%)	50 (12.2%)	7 (2.1%)	3 (0.9%)
30-34	19 (1.1%)	19 (1.4%)	33 (8.0%)	4 (1.2%)	4 (1.3%)
35-39	24 (1.4%)	35 (2.6%)	35 (8.5%)	16 (4.7%)	4 (1.3%)
40-44	48 (2.8%)	60 (4.4%)	27 (6.6%)	20 (5.9%)	10 (3.1%)
45-49	59 (3.4%)	99 (7.3%)	20 (4.9%)	33 (9.8%)	11 (3.4%)
50-54	83 (4.8%)	116 (8.6%)	22 (5.4%)	29 (8.6%)	21 (6.6%)
55-59	141 (8.1%)	141 (10.5%)	23 (5.6%)	39 (11.6%)	32 (10.0%)
60-64	184 (10.6%)	185 (13.7%)	31 (7.6%)	24 (7.1%)	43 (13.5%)
65-69	188 (10.8%)	194 (14.4%)	18 (4.4%)	35 (10.4%)	24 (7.5%)
70-74	230 (13.2%)	162 (12.0%)	13 (3.2%)	44 (13.1%)	43 (13.5%)
75-79	231 (13.3%)	130 (9.6%)	10 (2.4%)	35 (10.4%)	39 (12.2%)
80-84	209 (12.0%)	93 (6.9%)	9 (2.2%)	19 (5.6%)	41 (12.9%)
85 dan lebih	282 (16.2%)	98 (7.3%)	5 (1.2%)	28 (8.3%)	43 (13.5%)

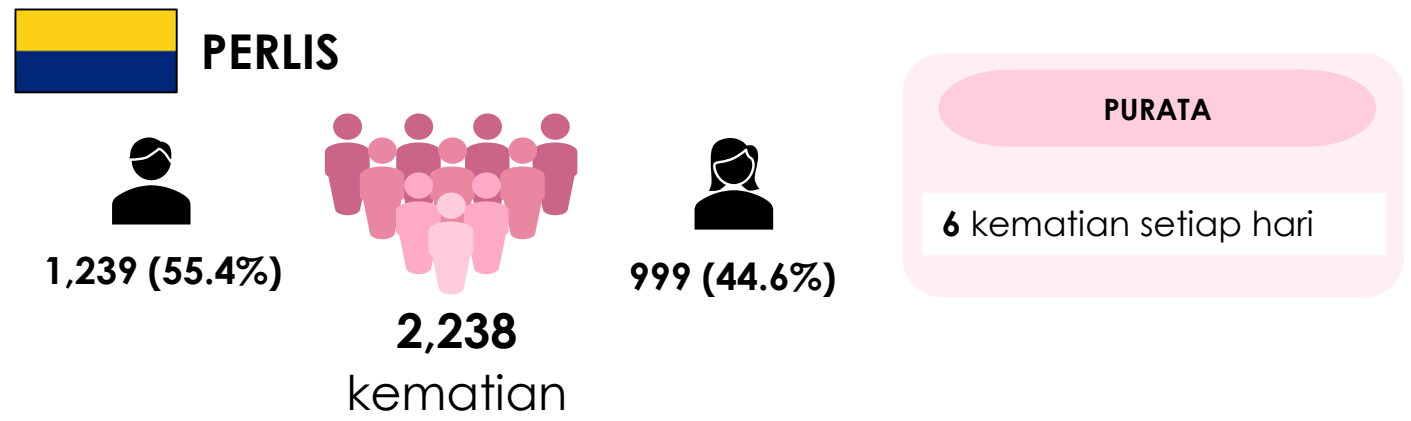
Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, PERAK, 2024

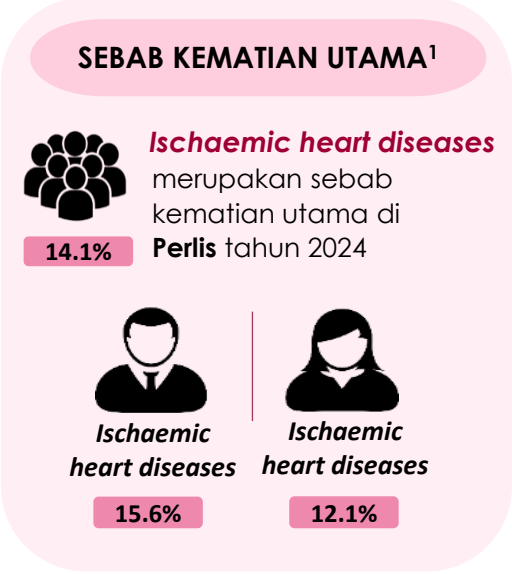
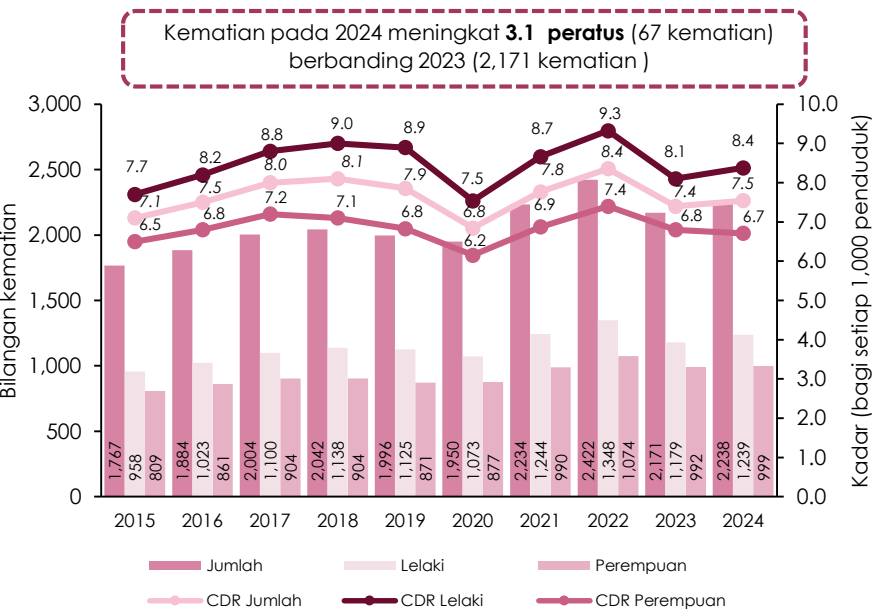


Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

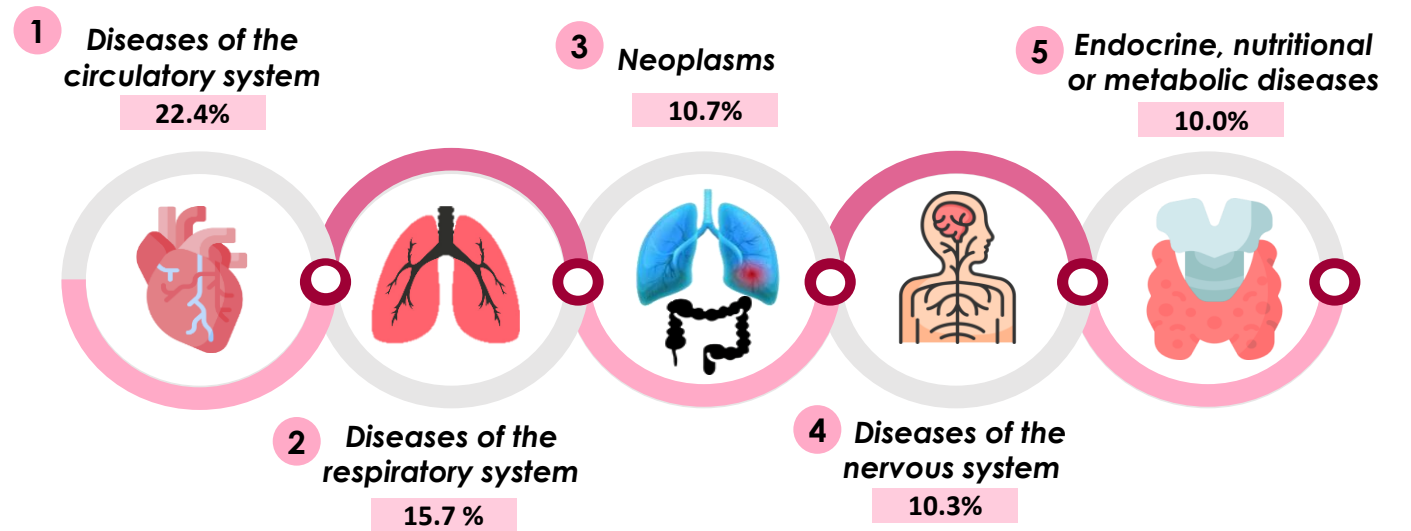
BILANGAN KEMATIAN, PERLIS, 2024



SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
PERLIS, 2015-2024



LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, PERLIS, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, PERLIS, 2024



Melayu (1,551 kematian)

1	Ischaemic heart diseases	14.6%
2	Pneumonia	10.8%
3	Diabetes mellitus	6.8%
4	Stroke not known if ischaemic or haemorrhagic	5.1%
5	Kidney failure	3.1%



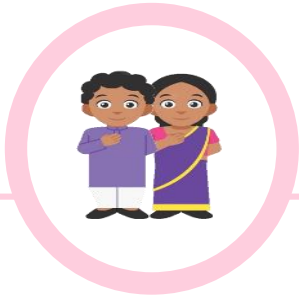
Bumiputera Lain (0 kematian)

Nota : Tiada kematian direkodkan bagi etnik Bumiputera lain.



Cina (134 kematian)

1	Pneumonia	11.9%
2	Ischaemic heart diseases	9.0%
3	Malignant neoplasms of breast	6.0%
4	Transport accidents	5.2%
5	Diabetes mellitus	4.5%

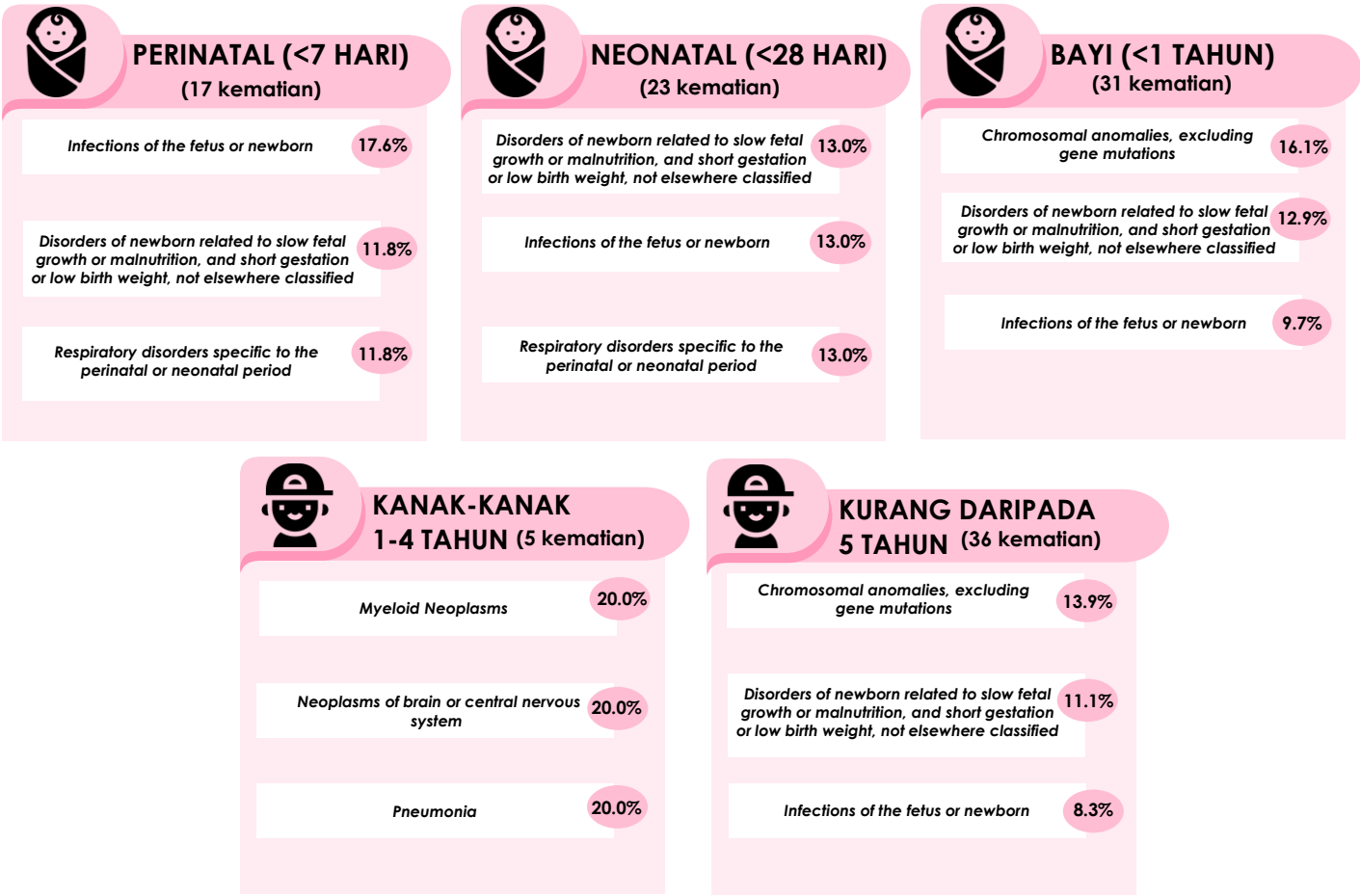


India (24 kematian)

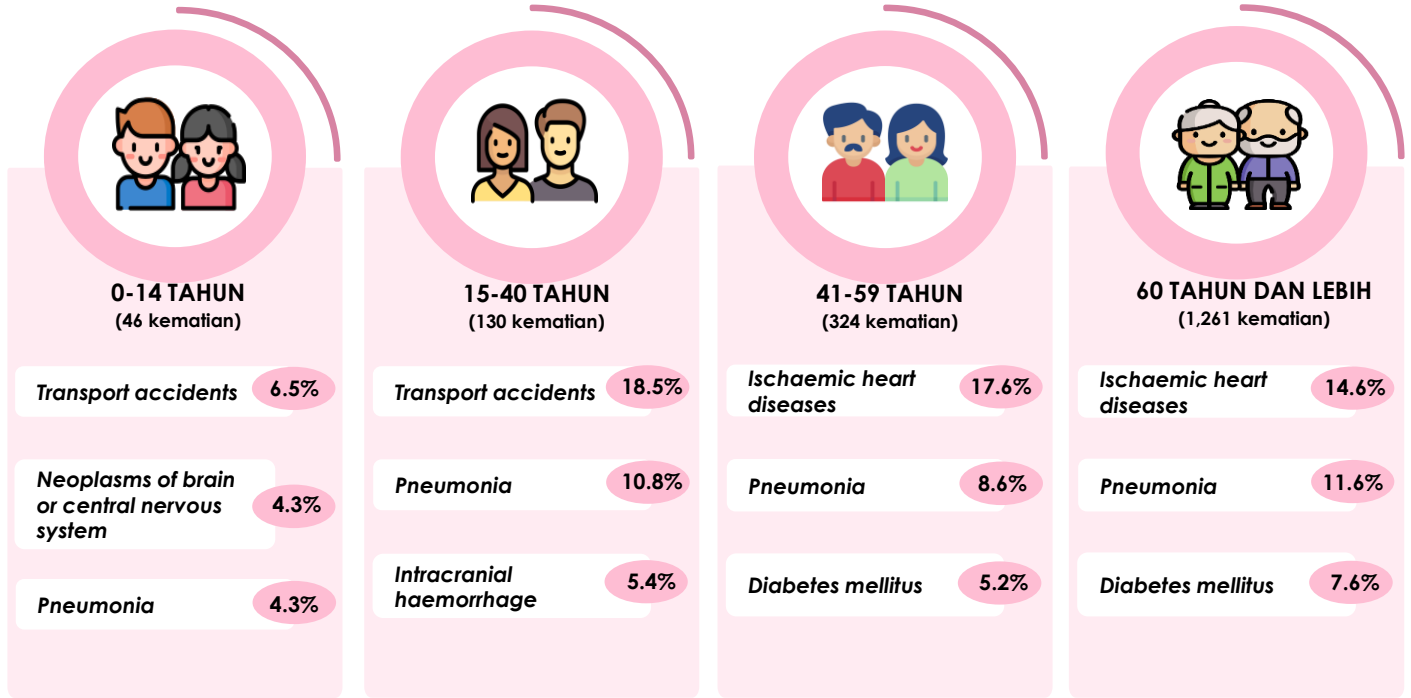
1	Ischaemic heart diseases	16.7%
2	Pneumonia	12.5%
3	Metabolic disorders	8.3%
4	Asthma	4.2%
5	Cerebral ischaemia	4.2%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, PERLIS, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, PERLIS, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, PERLIS, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>	<i>Kidney failure</i>
Jumlah	248	190	117	92	54
0	-	-	-	-	-
1-4	-	1 (0.5%)	-	-	-
5-9	-	-	-	-	-
10-14	-	1 (0.5%)	-	-	-
15-19	-	1 (0.5%)	-	-	-
20-24	-	1 (0.5%)	1 (0.9%)	-	2 (3.7%)
25-29	1 (0.4%)	1 (0.5%)	-	-	2 (3.7%)
30-34	2 (0.8%)	4 (2.1%)	1 (0.9%)	-	1 (1.9%)
35-39	4 (1.6%)	6 (3.2%)	2 (1.7%)	-	1 (1.9%)
40-44	5 (2.0%)	5 (2.6%)	3 (2.6%)	1 (1.1%)	-
45-49	13 (5.2%)	9 (4.7%)	1 (0.9%)	-	4 (7.4%)
50-54	18 (7.3%)	5 (2.6%)	3 (2.6%)	2 (2.2%)	3 (5.6%)
55-59	21 (8.5%)	10 (5.3%)	10 (8.5%)	3 (3.3%)	6 (11.1%)
60-64	33 (13.3%)	13 (6.8%)	12 (10.3%)	6 (6.5%)	5 (9.3%)
65-69	30 (12.1%)	19 (10.0%)	14 (12.0%)	6 (6.5%)	7 (13.0%)
70-74	26 (10.5%)	30 (15.8%)	20 (17.1%)	13 (14.1%)	4 (7.4%)
75-79	30 (12.1%)	28 (14.7%)	12 (10.3%)	18 (19.6%)	9 (16.7%)
80-84	33 (13.3%)	30 (15.8%)	18 (15.4%)	17 (18.5%)	7 (13.0%)
85 dan lebih	32 (12.9%)	26 (13.7%)	20 (17.1%)	26 (28.3%)	3 (5.6%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

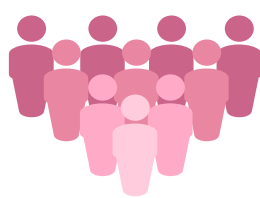
BILANGAN KEMATIAN, PULAU PINANG, 2024



PULAU PINANG



7,112 (55.9%)



12,728

kematian



5,616 (44.1%)

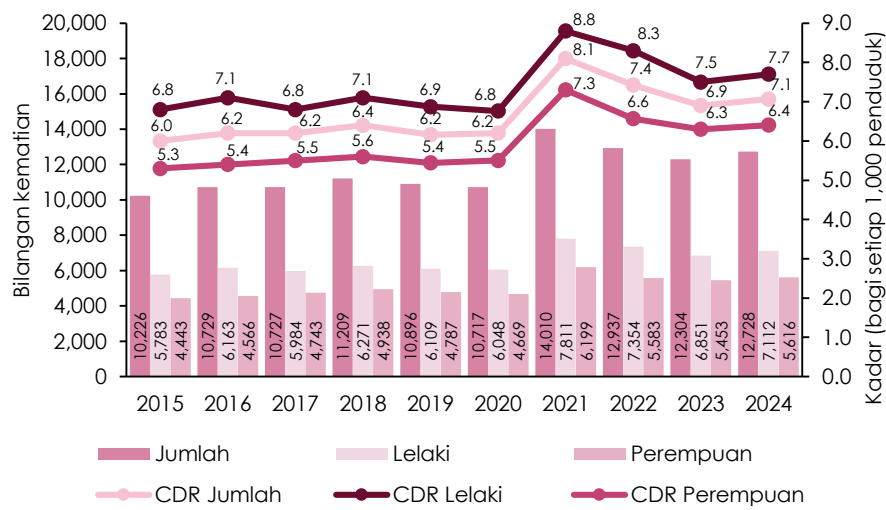
PURATA

1 kematian setiap jam

35 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PULAU PINANG, 2015-2024

Kematian pada 2024 meningkat **3.4 peratus** (424 kematian) berbanding 2023 (12,304 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases

merupakan sebab kematian utama di

12.4% Pulau Pinang tahun 2024



Ischaemic heart diseases

15.3%



Pneumonia

12.2%



Obstetric blood-clot embolism

merupakan sebab kematian utama bagi

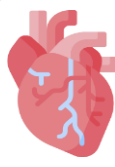
ibu bersalin

66.7%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, PULAU PINANG, 2024

1 Diseases of the circulatory system

21.1%



3 Neoplasms

15.1%



2 Diseases of the respiratory system

16.0%



4 Certain infectious and parasitic disease

8.3%



5 External causes of morbidity or mortality

7.4%



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, PULAU PINANG, 2024



Melayu (3,434 kematian)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	10.4%
3	Diabetes mellitus	6.4%
4	Transport accidents	4.5%
5	Kidney failure	4.0%



Bumiputera Lain (17 kematian)

1	Pneumonia	17.6%
2	Diabetes mellitus	11.8 %
3	Intracranial haemorrhage	11.8%
4	Cerebral ischaemia	5.9%
5	Ischaemic heart diseases	5.9%



Cina (4,327 kematian)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	10.8%
3	Kidney failure	3.7%
4	Diabetes mellitus	3.6%
5	Malignant neoplasms of bronchus or lung	3.3%

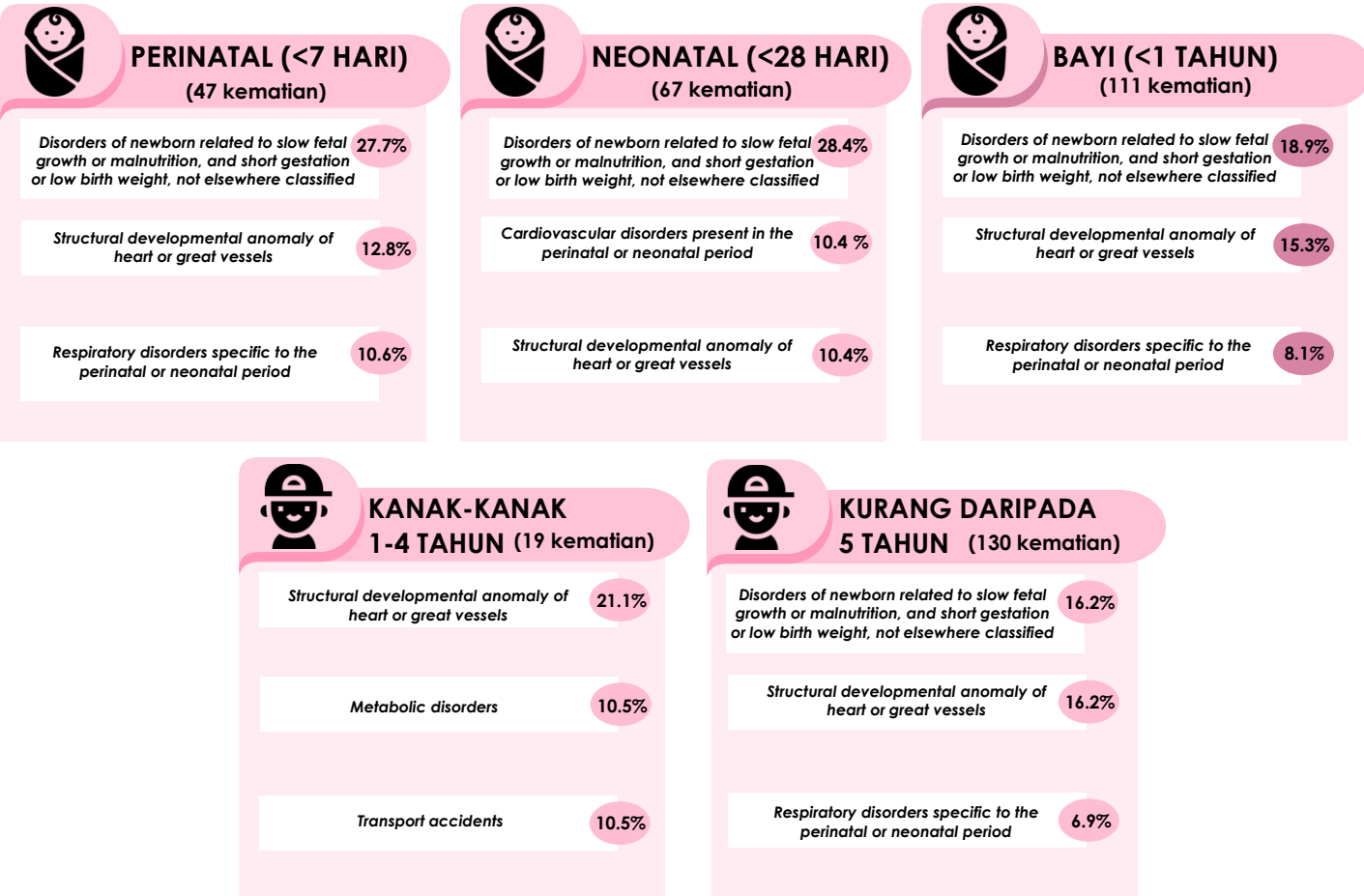


India (1,266 kematian)

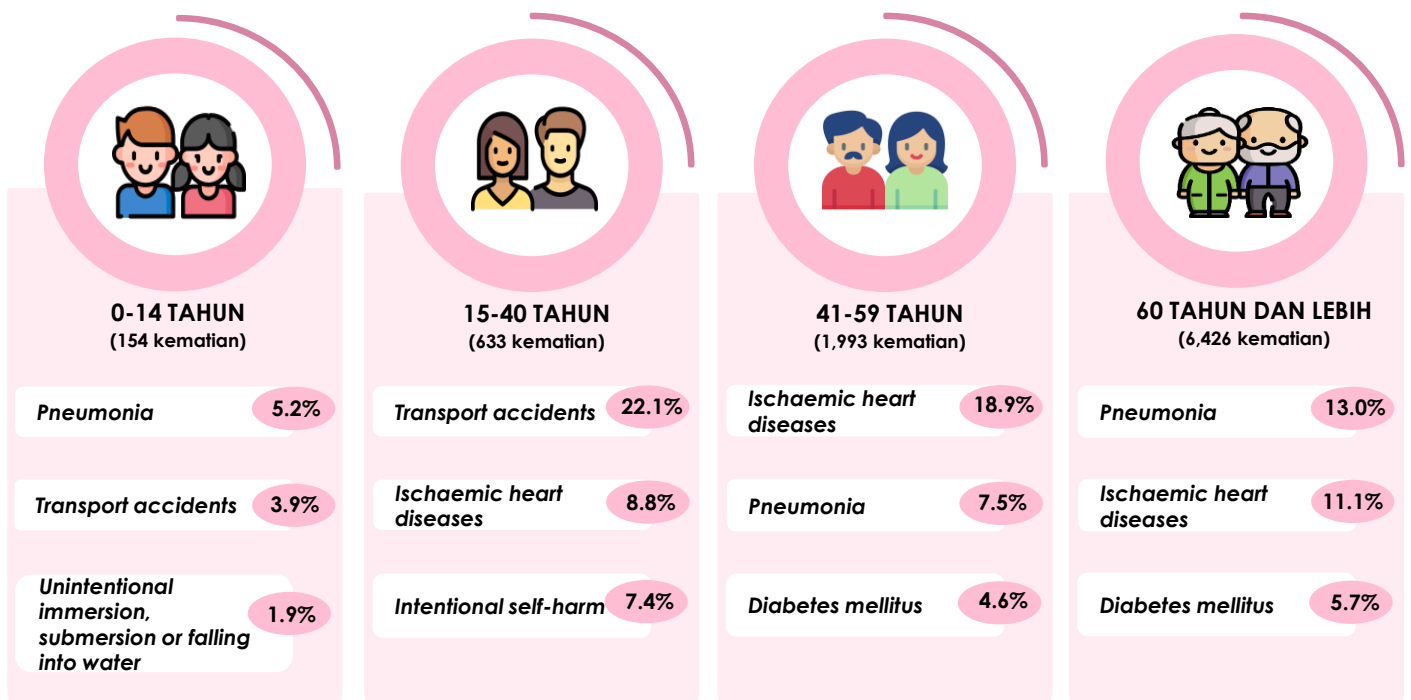
1	Ischaemic heart diseases	16.3%
2	Pneumonia	8.7%
3	Diabetes mellitus	6.3%
4	Kidney failure	4.7%
5	Transport accidents	4.2%

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI,
PULAU PINANG, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR,
PULAU PINANG, 2024



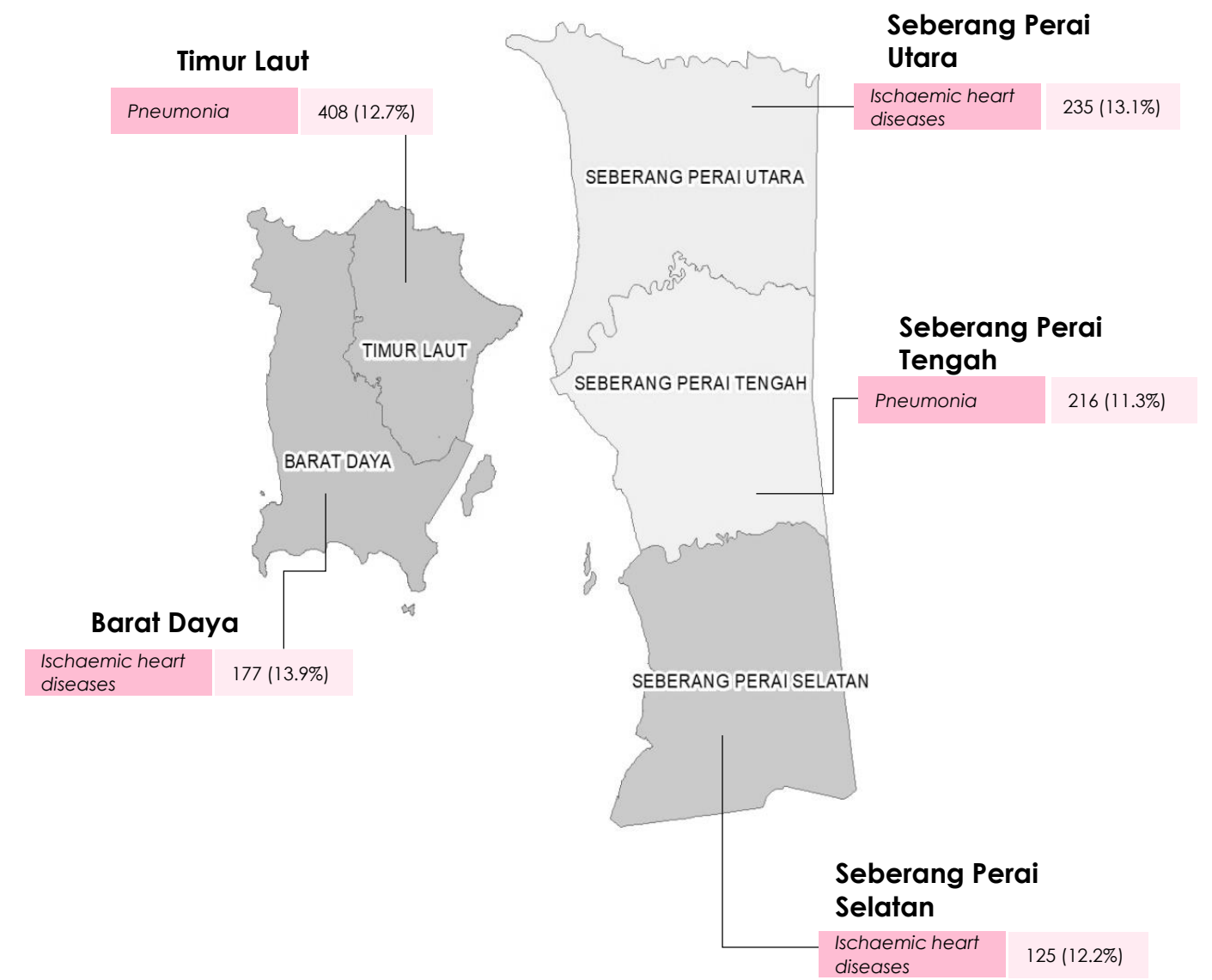
Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹
MENGIKUT KUMPULAN UMUR, PULAU PINANG, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes Mellitus</i>	<i>Kidney failure</i>	<i>Transport accidents</i>
Jumlah	1,146	1,028	467	363	290
0	-	5 (0.5%)	-	-	-
1-4	-	1 (0.1%)	-	-	2 (0.7%)
5-9	-	1 (0.1%)	-	-	1 (0.3%)
10-14	-	1 (0.1%)	-	-	3 (1.0%)
15-19	-	5 (0.5%)	-	1 (0.3%)	29 (10.0%)
20-24	2 (0.2%)	4 (0.4%)	-	2 (0.6%)	41 (14.1%)
25-29	1 (0.1%)	9 (0.9%)	-	1 (0.3%)	22 (7.6%)
30-34	18 (1.6%)	2 (0.2%)	4 (0.9%)	1 (0.3%)	19 (6.6%)
35-39	29 (2.5%)	10 (1.0%)	3 (0.6%)	7 (1.9%)	24 (8.3%)
40-44	50 (4.4%)	18 (1.8%)	8 (1.7%)	7 (1.9%)	21 (7.2%)
45-49	73 (6.4%)	25 (2.4%)	15 (3.2%)	8 (2.2%)	15 (5.2%)
50-54	112 (9.8%)	39 (3.8%)	25 (5.4%)	22 (6.1%)	17 (5.9%)
55-59	147 (12.8%)	74 (7.2%)	43 (9.2%)	38 (10.5%)	22 (7.6%)
60-64	130 (11.3%)	78 (7.6%)	48 (10.3%)	40 (11.0%)	19 (6.6%)
65-69	141 (12.3%)	105 (10.2%)	61 (13.1%)	39 (10.7%)	17 (5.9%)
70-74	148 (12.9%)	139 (13.5%)	80 (17.1%)	62 (17.1%)	17 (5.9%)
75-79	109 (9.5%)	153 (14.9%)	60 (12.8%)	44 (12.1%)	9 (3.1%)
80-84	101 (8.8%)	134 (13.0%)	57 (12.2%)	47 (12.9%)	11 (3.8%)
85 dan lebih	85 (7.4%)	225 (21.9%)	63 (13.5%)	44 (12.1%)	1 (0.3%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN,
PULAU PINANG, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, SABAH, 2024



SABAH



9,672 (58.7%)



16,472

kematian



6,800 (41.3%)

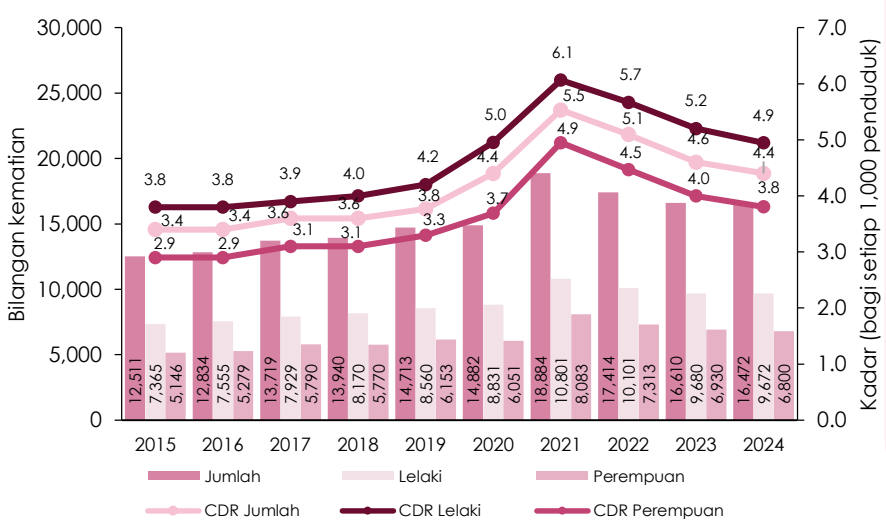
PURATA

2 kematian setiap jam

45 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SABAH, 2015-2024

Kematian pada 2024 menurun **0.8 peratus** (138 kematian) berbanding 2023 (16,610 kematian)



SEBAB KEMATIAN UTAMA¹



Pneumonia

merupakan sebab kematian utama di Sabah tahun 2024

9.9%



Pneumonia

9.1%



Pneumonia

11.2%

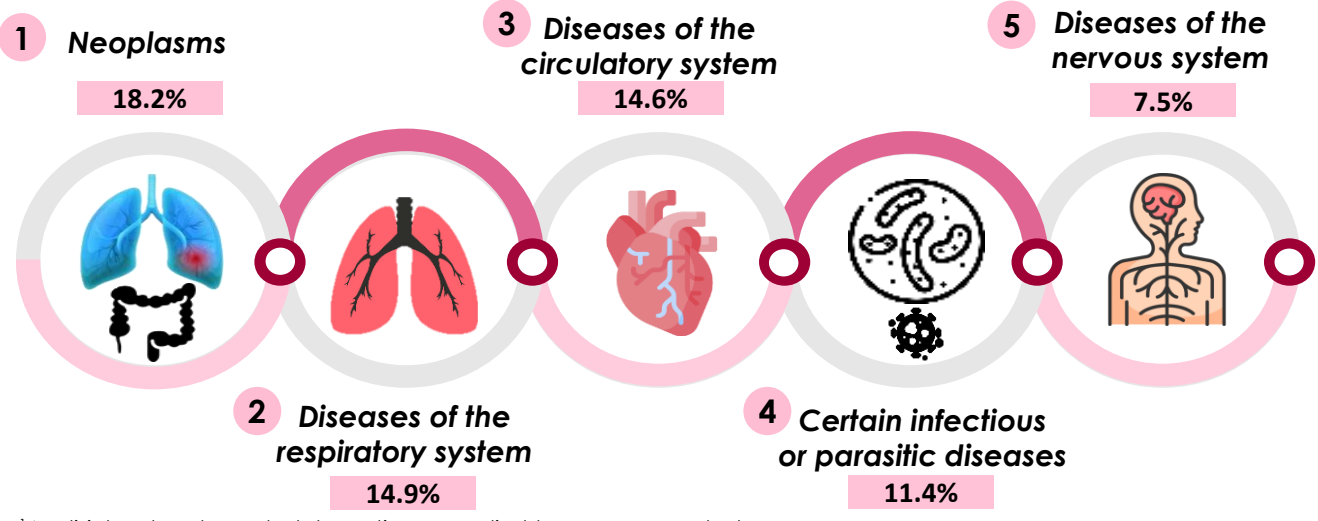


Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium

16.7%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, SABAH, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, SABAH, 2024



Melayu (1,132 kematian)

1	Pneumonia	8.9%
2	Ischaemic heart diseases	7.3%
3	Malignant neoplasms of breast	3.6%
4	Kidney failure	3.5%
5	Intracranial haemorrhage	2.9%



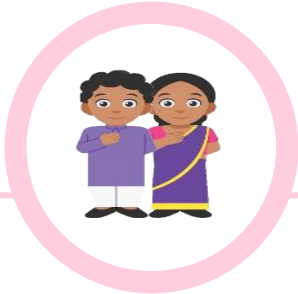
Bumiputera Lain (5,092 kematian)

1	Pneumonia	9.6%
2	Ischaemic heart diseases	4.3%
3	Kidney failure	3.6%
4	Transport accidents	3.1%
5	Intracranial haemorrhage	2.5%



Cina (1,301 kematian)

1	Pneumonia	12.8%
2	Ischaemic heart diseases	6.1%
3	Malignant neoplasms of bronchus or lung	4.5%
4	Malignant neoplasms of large intestine, anus, and anal canal	3.5%
5	Diabetes mellitus	2.8%

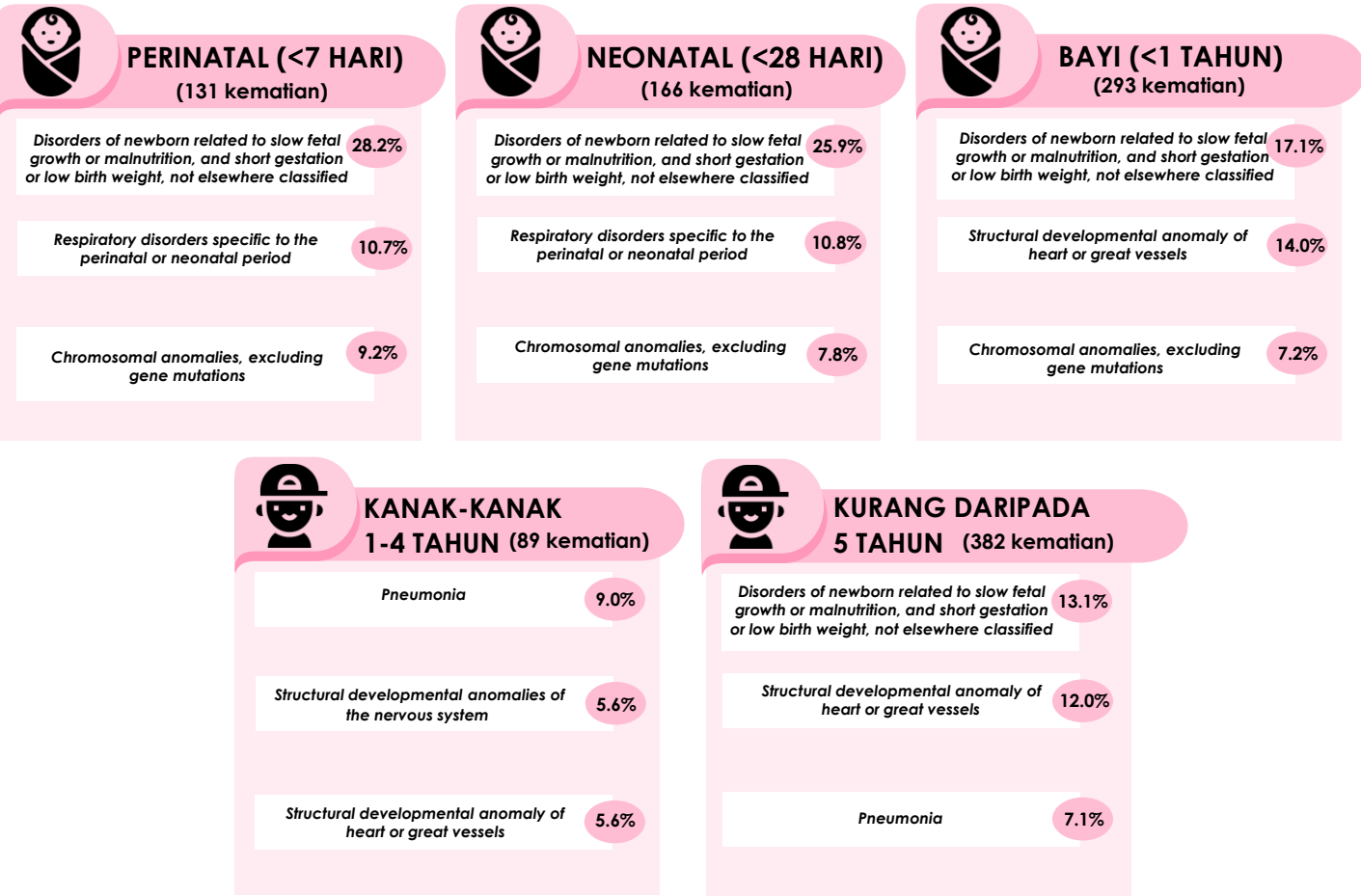


India (34 kematian)

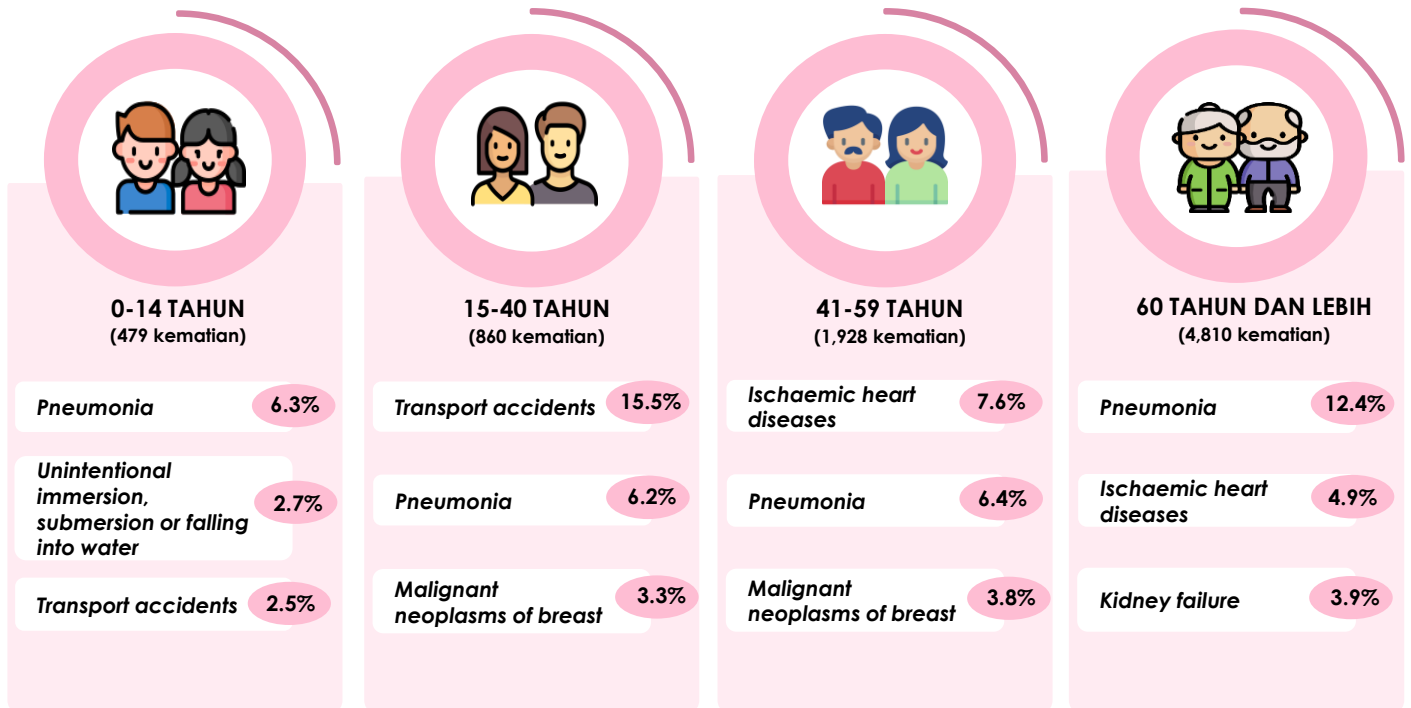
1	Ischaemic heart diseases	11.8%
2	Diabetes mellitus	8.8%
3	Kidney failure	8.8%
4	Stroke not known if ischaemic or haemorrhagic	5.9%
5	Heart valve diseases	2.9%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, SABAH, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, SABAH, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, SABAH, 2024

Kumpulan umur (Tahun)	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Kidney failure</i>	<i>Transport accidents</i>	<i>Intracranial haemorrhage</i>
Jumlah	801	409	274	209	119
0	19 (2.4%)	-	-	1 (0.5%)	-
1-4	8 (1.0%)	-	-	4 (1.9%)	-
5-9	1 (0.1%)	-	-	2 (1.0%)	-
10-14	2 (0.2%)	-	2 (0.7%)	5 (2.4%)	1 (0.5%)
15-19	2 (0.2%)	-	1 (0.4%)	20 (9.6%)	-
20-24	7 (0.9%)	1 (0.2%)	6 (2.2%)	36 (17.2%)	1 (0.5%)
25-29	10 (1.2%)	3 (0.7%)	1 (0.4%)	29 (13.9%)	1 (0.5%)
30-34	9 (1.1%)	7 (1.7%)	2 (0.7%)	25 (12.0%)	7 (3.5%)
35-39	19 (2.4%)	10 (2.4%)	4 (1.5%)	20 (9.6%)	16 (8.0%)
40-44	28 (3.5%)	26 (6.4%)	11 (4.0%)	18 (8.6%)	20 (10.1%)
45-49	24 (3.0%)	32 (7.8%)	11 (4.0%)	14 (6.7%)	22 (11.1%)
50-54	33 (4.1%)	26 (6.4%)	18 (6.6%)	7 (3.3%)	9 (4.5%)
55-59	44 (5.5%)	68 (16.6%)	30 (10.9%)	6 (2.9%)	21 (10.6%)
60-64	70 (8.7%)	59 (14.4%)	33 (12.0%)	4 (1.9%)	20 (10.1%)
65-69	107 (13.4%)	62 (15.2%)	40 (14.6%)	5 (2.4%)	21 (10.6%)
70-74	106 (13.2%)	42 (10.3%)	32 (11.7%)	5 (2.4%)	15 (7.5%)
75-79	83 (10.4%)	20 (4.9%)	30 (10.9%)	5 (2.4%)	17 (8.5%)
80-84	108 (13.5%)	26 (6.4%)	27 (9.9%)	2 (1.0%)	13 (6.5%)
85 dan lebih	121 (15.1%)	27 (6.6%)	26 (9.5%)	1 (0.5%)	15 (7.5%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, SABAH, 2024



Tawau	
Pneumonia	73 (11.2%)

Lahad Datu	
Pneumonia	28 (9.1%)

Semporna	
Pneumonia	38 (11.4%)

Sandakan	
Ischaemic heart diseases	68 (7.6%)

Kinabatangan	
Ischaemic heart diseases	12 (13.2%)

Beluran	
Ischaemic heart diseases	16 (11.8%)

Kota Kinabalu	
Pneumonia	110 (9.7%)

Ranau	
Pneumonia	28 (8.8%)

Kota Belud	
Pneumonia	31 (8.4%)

Tuaran	
Pneumonia	56 (12.5%)

Penampang	
Pneumonia	43 (12.6%)

Papar	
Pneumonia	51 (10.1%)

Kudat	
Pneumonia	30 (9.3%)

Kota Marudu	
Pneumonia	28 (10.9%)

Pitas	
Pneumonia	15 (11.0%)

Beaufort	
Pneumonia	31 (9.3%)

Kuala Penyu	
Pneumonia	12 (12.9%)

Sipitang	
Pneumonia	14 (11.2%)

Tenom	
Pneumonia	20 (10.0%)

Nabawan	
Heart failure	6 (9.2%)

Keningau	
Pneumonia	44 (10.0%)

Tambunan	
Pneumonia	16 (11.1%)

Kunak	
Pneumonia	12 (9.0%)

Tongod	
Pneumonia	8 (11.4%)

Putatan	
Pneumonia	18 (11.8%)

Telupid	
Pneumonia	3 (12.0%)

Kalabakan	
Pneumonia	7 (14.6%)

Nota: ¹ Analisis berdasarkan sebab kematian yang disenaraikan secara perubatan

BILANGAN KEMATIAN, SARAWAK, 2024



SARAWAK



9,446 (57.4%)



16,443

kematian



6,997 (42.6%)

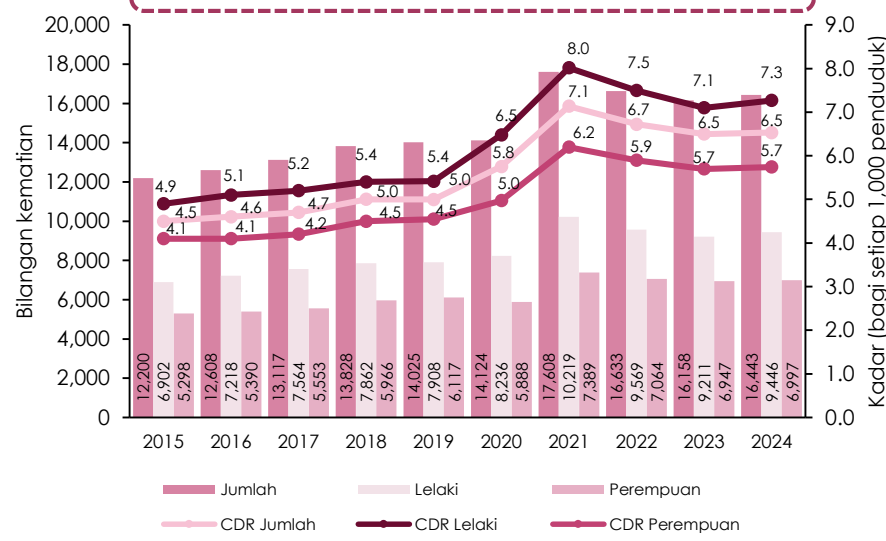
PURATA

2 kematian setiap jam

45 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SARAWAK, 2015-2024

Kematian pada 2024 meningkat **1.8 peratus** (285 kematian) berbanding 2023 (16,158 kematian)



SEBAB KEMATIAN UTAMA¹



Pneumonia

merupakan sebab kematian utama di Sarawak tahun 2024

9.9%



Pneumonia

9.4%



Pneumonia

10.7%

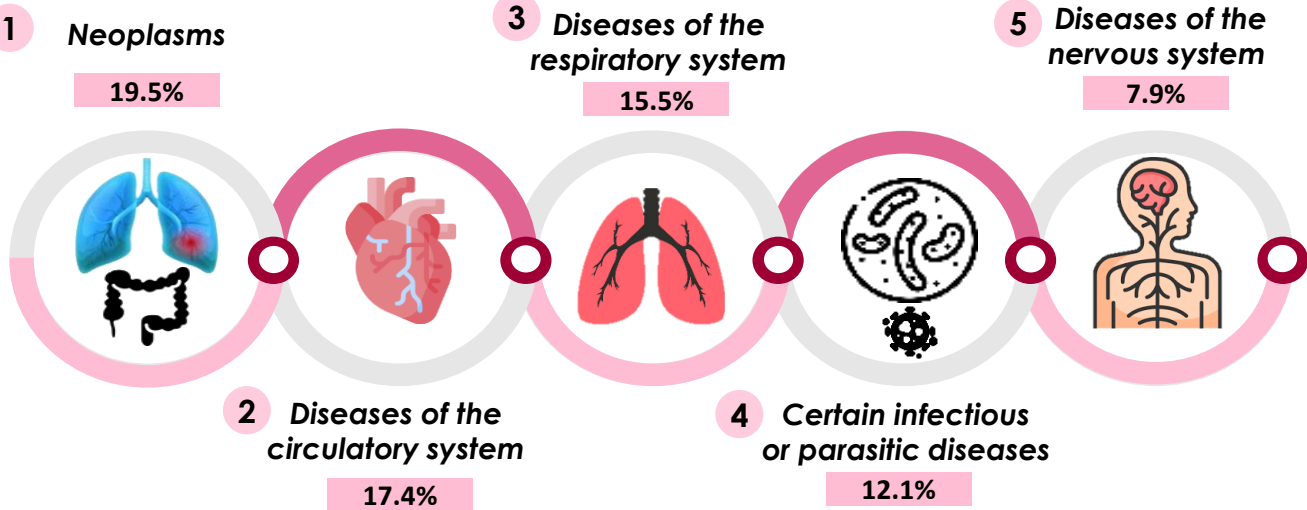


Antepartum hemorrhage

merupakan sebab kematian utama bagi ibu bersalin

20.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, SARAWAK, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, SARAWAK, 2024



Melayu (1,486 kematian)

1	Ischaemic heart diseases	9.5%
2	Pneumonia	8.7%
3	Kidney failure	4.4%
4	Diabetes mellitus	2.8%
5	Malignant neoplasms of bronchus or lung	2.6%



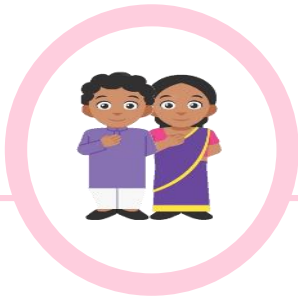
Bumiputera Lain (3,940 kematian)

1	Pneumonia	9.2%
2	Ischaemic heart diseases	7.3%
3	Kidney failure	3.2%
4	Malignant neoplasms of bronchus or lung	2.9%
5	Intracranial haemorrhage	2.8%



Cina (2,446 kematian)

1	Pneumonia	11.9%
2	Ischaemic heart diseases	7.3%
3	Kidney failure	4.1%
4	Malignant neoplasms of bronchus or lung	3.7%
5	Malignant neoplasms of large intestine, anus, and anal canal	3.4%

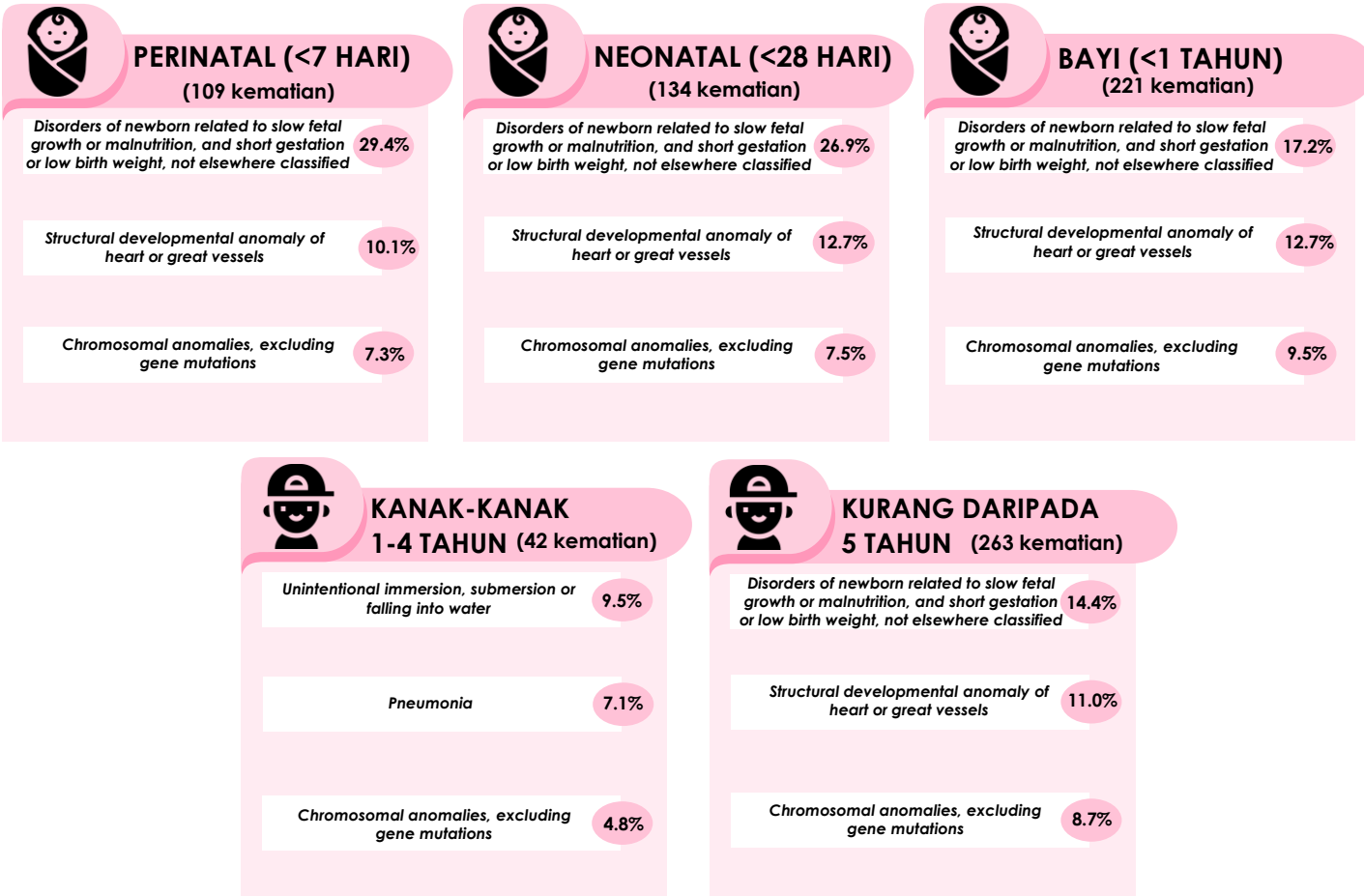


India (24 kematian)

1	Ischaemic heart diseases	16.7%
2	Pneumonia	8.3%
3	Asthma	4.2%
4	Diabetes mellitus	4.2%
5	Heart valve diseases	4.2%

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI,
SARAWAK, 2024



SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹
MENGIKUT KUMPULAN UMUR, SARAWAK, 2024

Kumpulan umur (Tahun)	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Kidney failure</i>	<i>Malignant neoplasms of bronchus or lung</i>	<i>Intracranial haemorrhage</i>
Jumlah	787	614	292	247	209
0	6 (0.8%)	-	-	-	-
1-4	3 (0.4%)	-	-	-	-
5-9	1 (0.1%)	-	-	-	-
10-14	-	1 (0.2%)	-	-	2 (1.0%)
15-19	5 (0.6%)	-	3 (1.0%)	-	1 (0.5%)
20-24	6 (0.8%)	1 (0.2%)	3 (1.0%)	-	-
25-29	4 (0.5%)	3 (0.5%)	5 (1.7%)	1 (0.4%)	5 (2.4%)
30-34	10 (1.3%)	6 (1.0%)	5 (1.7%)	1 (0.4%)	8 (3.8%)
35-39	19 (2.4%)	22 (3.6%)	8 (2.7%)	5 (2.0%)	8 (3.8%)
40-44	24 (3.0%)	26 (4.2%)	9 (3.1%)	3 (1.2%)	6 (2.9%)
45-49	34 (4.3%)	34 (5.5%)	15 (5.1%)	22 (8.9%)	22 (10.5%)
50-54	28 (3.6%)	54 (8.8%)	14 (4.8%)	24 (9.7%)	18 (8.6%)
55-59	36 (4.6%)	72 (11.7%)	24 (8.2%)	28 (11.3%)	18 (8.6%)
60-64	53 (6.7%)	83 (13.5%)	37 (12.7%)	27 10.9%)	18 (8.6%)
65-69	76 (9.7%)	61 (9.9%)	36 (12.3%)	45 (18.2%)	21 (10.0%)
70-74	110 (14.0%)	93 (15.1%)	35 (12.0%)	31 (12.6%)	23 (11.0%)
75-79	134 (17.0%)	63 (10.3%)	35 (12.0%)	28 (11.3%)	20 (9.6%)
80-84	95 (12.1%)	46 (7.5%)	31 (10.6%)	20 (8.1%)	19 (9.1%)
85 dan lebih	143 (18.2%)	49 (8.0%)	32 (11.0%)	12 (4.9%)	20 (9.6%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, SARAWAK, 2024

Daerah Pentadbiran	2024		Daerah Pentadbiran	2024	
Kuching	Ischaemic heart diseases	147 (8.5%)	Kapit	Ischaemic heart diseases	13 (8.4%)
Bau	Pneumonia	19 (7.9%)	Song	Ischaemic heart diseases	7 (10.0%)
Lundu	Kidney failure	7 (5.9%)	Belaga	Metabolic disorders	6 (8.6%)
Samarahan	Kidney failure	14 (8.8%)	Miri	Pneumonia	158 (18.9%)
Serian	Ischaemic heart diseases	31 (10.4%)	Marudi	Pneumonia	25 (21.4%)
Simunjan	Ischaemic heart diseases	7 (7.0%)	Limbang	Ischaemic heart diseases	22 (10.7%)
Sri Aman	Pneumonia	13 (7.4%)	Lawas	Ischaemic heart diseases	13 (9.6%)
Lubok Antu	Pneumonia	7 (9.2%)	Matu	Pneumonia	4 (10.0%)
Betong	Pneumonia	22 (12.4%)	Asajaya	Ischaemic heart diseases	9 (11.5%)
Saratok	Pneumonia	12 (10.2%)	Pakan	Pneumonia	8 (21.6%)
Sarikei	Pneumonia	29 (15.4%)	Selangau	Pneumonia	6 (10.0%)
Maradong	Pneumonia	15 (14.4%)	Tebedu	Ischaemic heart diseases	6 (10.2%)
Daro	Pneumonia	6 (12.5%)	Pusa	Ischaemic heart diseases	15 (13.9%)
Julau	Ischaemic heart diseases	8 (12.7%)	Kabong	Pneumonia	4 (5.3%)
Sibu	Pneumonia	110 (11.2%)	Tanjung Manis	Pneumonia	3 (11.5%)
Dalat	Ischaemic heart diseases	8 (10.1%)	Sebauh	Ischaemic heart diseases	11 (11.0%)
Mukah	Pneumonia	12 (10.8%)	Bukit Mabong	Heart failure	5 (10.2%)
Kanowit	Pneumonia	17 (10.9%)	Subis	Pneumonia	37 (20.4%)
Bintulu	Ischaemic heart diseases	27 (7.7%)	Beluru	Pneumonia	8 (11.4%)
Tatau	Pneumonia	12 (10.8%)	Telang Usan	Pneumonia	17 (19.5%)

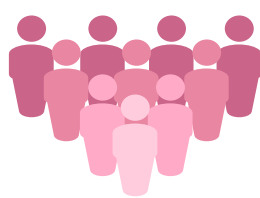
BILANGAN KEMATIAN, SELANGOR, 2024



SELANGOR



19,383 (58.6%)



33,102

kematian



13,719 (41.4%)

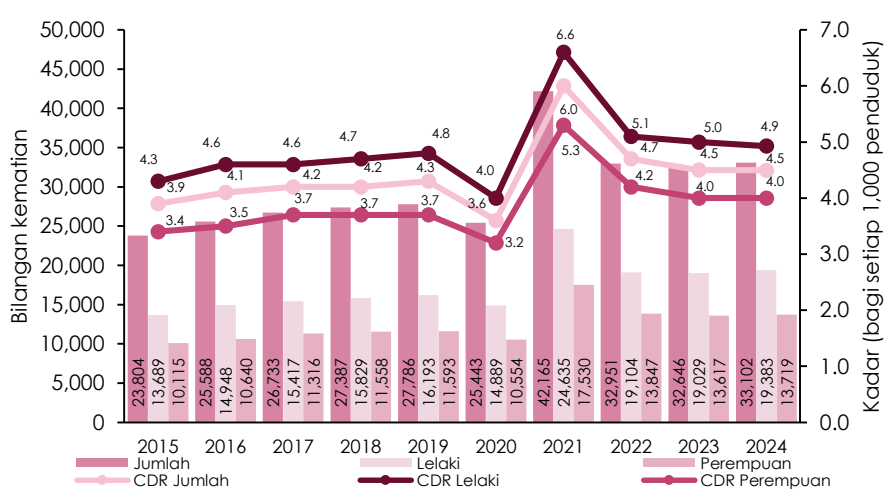
PURATA

4 kematian setiap jam

91 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SELANGOR, 2015-2024

Kematian pada 2024 meningkat **1.4 peratus** (456 kematian) berbanding 2022 (32,646 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases

merupakan sebab kematian utama di

13.7% Selangor tahun 2024



Ischaemic heart diseases

16.6%



Pneumonia

12.2%



Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium

18.2% merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, SELANGOR, 2024

1 Diseases of the circulatory system

21.2%

3 Diseases of the respiratory system

15.0%

5 External causes of morbidity and mortality

7.9%

2 Neoplasms

16.5%

4 Certain infectious or parasitic diseases

9.8%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, SELANGOR, 2024



Melayu (10,494 kematian)

1	Ischaemic heart diseases	13.6%
2	Pneumonia	10.1%
3	Transport accidents	4.9%
4	Diabetes mellitus	3.6%
5	Kidney failure	3.1%



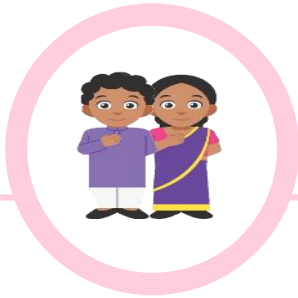
Bumiputera Lain (253 kematian)

1	Ischaemic heart diseases	11.9%
2	Transport accidents	11.9%
3	Pneumonia	6.7%
4	Tuberculosis of other organs and systems, sequelae and unspecified	2.4%
5	Intracranial haemorrhage	2.0%



Cina (6,542 kematian)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	11.8%
3	Diabetes mellitus	3.4%
4	Malignant neoplasms of bronchus or lung	3.4%
5	Malignant neoplasms of large intestine, anus, and anal	3.0%

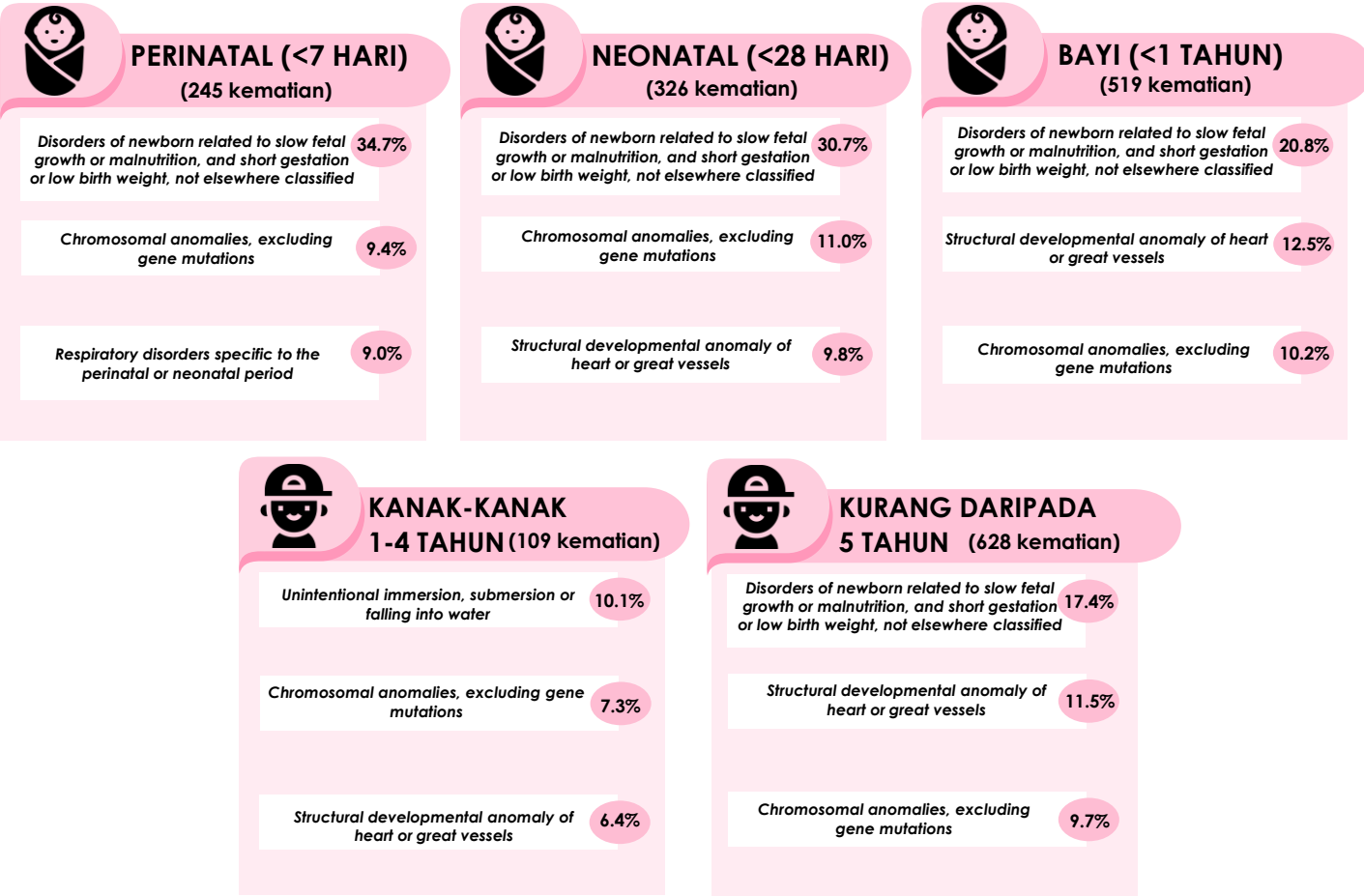


India (3,908 kematian)

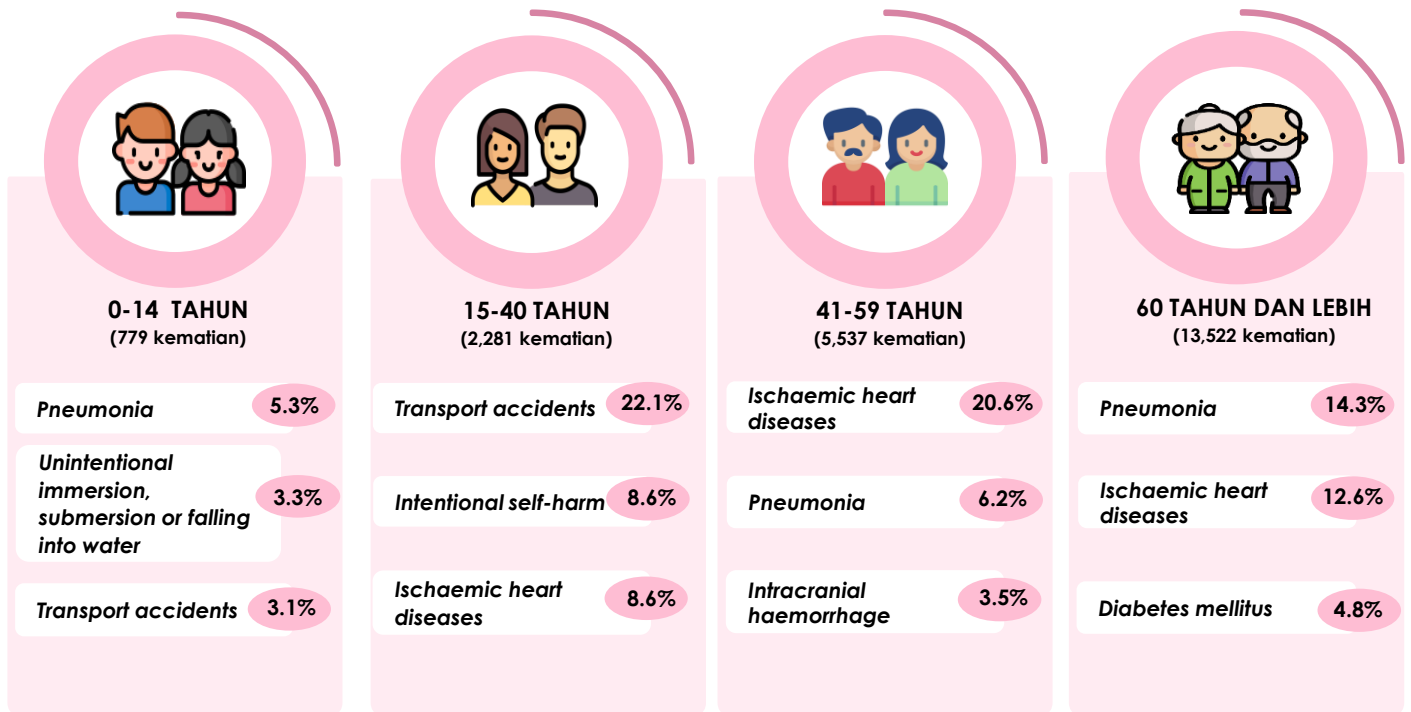
1	Ischaemic heart diseases	17.6%
2	Pneumonia	11.1%
3	Diabetes mellitus	5.0%
4	Transport accidents	4.1%
5	Kidney failure	3.1%

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, SELANGOR, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR, SELANGOR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

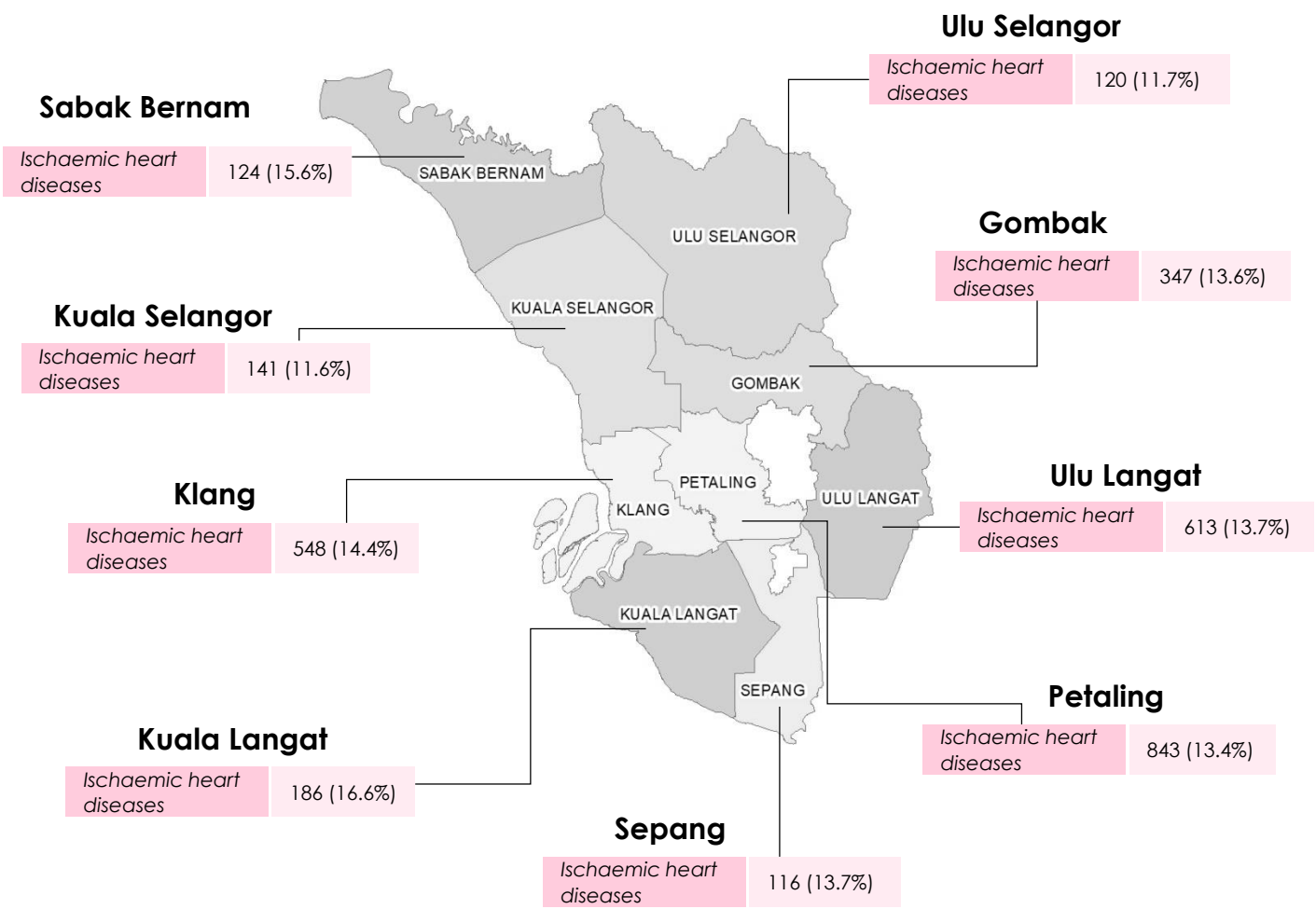
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, SELANGOR, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Transport accidents</i>	<i>Kidney failure</i>
Jumlah	3,038	2,425	827	807	623
0	-	25 (1.0%)	-	2 (0.2%)	-
1-4	-	5 (0.2%)	-	6 (0.7%)	-
5-9	-	3 (0.1%)	-	6 (0.7%)	-
10-14	2 (0.1%)	8 (0.3%)	-	10 (1.2%)	-
15-19	1 (0.0%)	8 (0.3%)	-	137 (17.0%)	1 (0.2%)
20-24	2 (0.1%)	14 (0.6%)	1 (0.1%)	140 (17.3%)	6 (1.0%)
25-29	12 (0.4%)	19 (0.8%)	3 (0.4%)	98 (12.1%)	1 (0.2%)
30-34	50 (1.6%)	24 (1.0%)	2 (0.2%)	61 (7.6%)	10 (1.6%)
35-39	106 (3.5%)	35 (1.4%)	7 (0.8%)	63 (7.8%)	11 (1.8%)
40-44	183 (6.0%)	47 (1.9%)	15 (1.8%)	52 (6.4%)	21 (3.4%)
45-49	285 (9.4%)	66 (2.7%)	33 (4.0%)	51 (6.3%)	26 (4.2%)
50-54	305 (10.0%)	90 (3.7%)	44 (5.3%)	44 (5.5%)	43 (6.9%)
55-59	393 (12.9%)	147 (6.1%)	76 (9.2%)	28 (3.5%)	60 (9.6%)
60-64	364 (12.0%)	220 (9.1%)	99 (12.0%)	33 (4.1%)	60 (9.6%)
65-69	388 (12.8%)	258 (10.6%)	108 (13.1%)	27 (3.3%)	73 (11.7%)
70-74	304 (10.0%)	333 (13.7%)	111 (13.4%)	27 (3.3%)	105 (16.9%)
75-79	266 (8.8%)	361 (14.9%)	132 (16.0%)	13 (1.6%)	88 (14.1%)
80-84	179 (5.9%)	328 (13.5%)	85 (10.3%)	4 (0.5%)	48 (7.7%)
85 dan lebih	198 (6.5%)	434 (17.9%)	111 (13.4%)	5 (0.6%)	70 (11.2%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN, SELANGOR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, TERENGGANU, 2024



TERENGGANU



4,248 (55.4%)



7,668
kematian

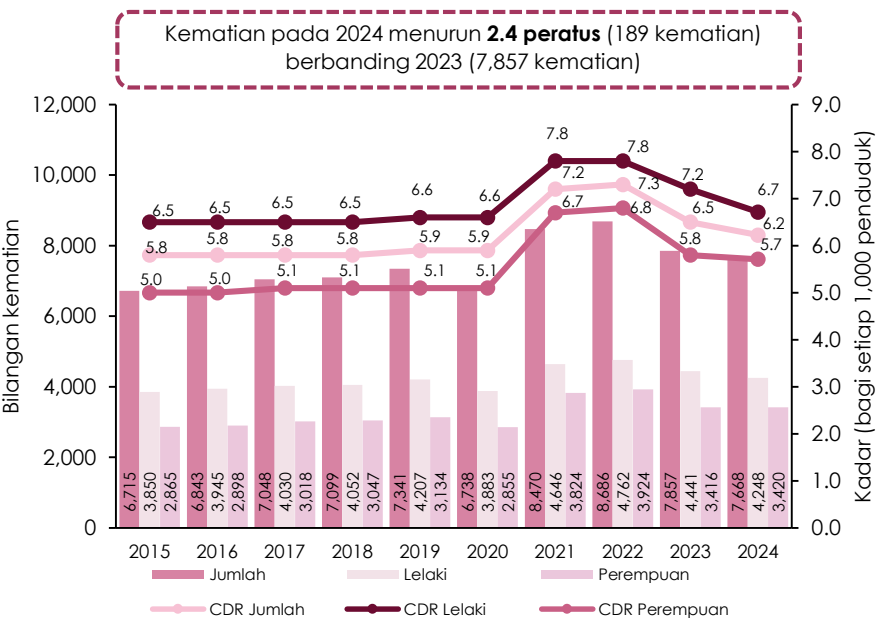


3,420 (44.6%)

PURATA

- 1 kematian setiap jam
- 21 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
TERENGGANU, 2015-2024



SEBAB KEMATIAN UTAMA¹

Ischaemic heart diseases
merupakan sebab kematian utama di Terengganu tahun 2024

10.4%

Ischaemic heart diseases
13.8%

Diabetes mellitus
12.3%

Obstetric blood-clot embolism
merupakan sebab kematian utama bagi ibu bersalin

40.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, TERENGGANU, 2024

1 Diseases of the circulatory system

17.5%

2 Diseases of the respiratory system

14.2%

3 Endocrine, nutritional or metabolic diseases

13.4%

4 Neoplasms

11.7%

5 Diseases of the nervous system

10.4%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

72

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK, TERENGGANU, 2024



Melayu (5,655 kematian)

1	Diabetes mellitus	10.5%
2	Ischaemic heart diseases	10.4%
3	Pneumonia	9.9%
4	Transport accidents	3.6%
5	Stroke not known if ischaemic or haemorrhagic	3.4%



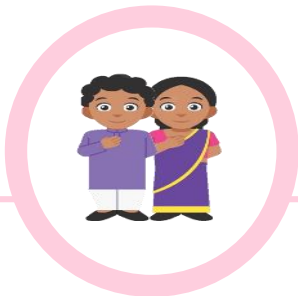
Bumiputera Lain (11 kematian)

1	Ischaemic heart diseases	18.2%
2	Cerebral ischaemia	9.1%
3	Intentional self-harm	9.1%
4	Stroke not known if ischaemic or haemorrhagic	9.1%
5	Transport accidents	9.1%



Cina (175 kematian)

1	Pneumonia	13.7%
2	Ischaemic heart diseases	10.9%
3	Diabetes mellitus	5.7%
4	Malignant neoplasms of large intestine, anus, and anal canal	5.1%
5	Malignant neoplasms of bronchus or lung	3.4%



India (14 kematian)

1	Ischaemic heart diseases	21.4%
2	Diabetes mellitus	14.3%
3	Asthma	7.1%
4	Chronic obstructive pulmonary disease	7.1%
5	Intentional self-harm	7.1%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, TERENGGANU, 2024



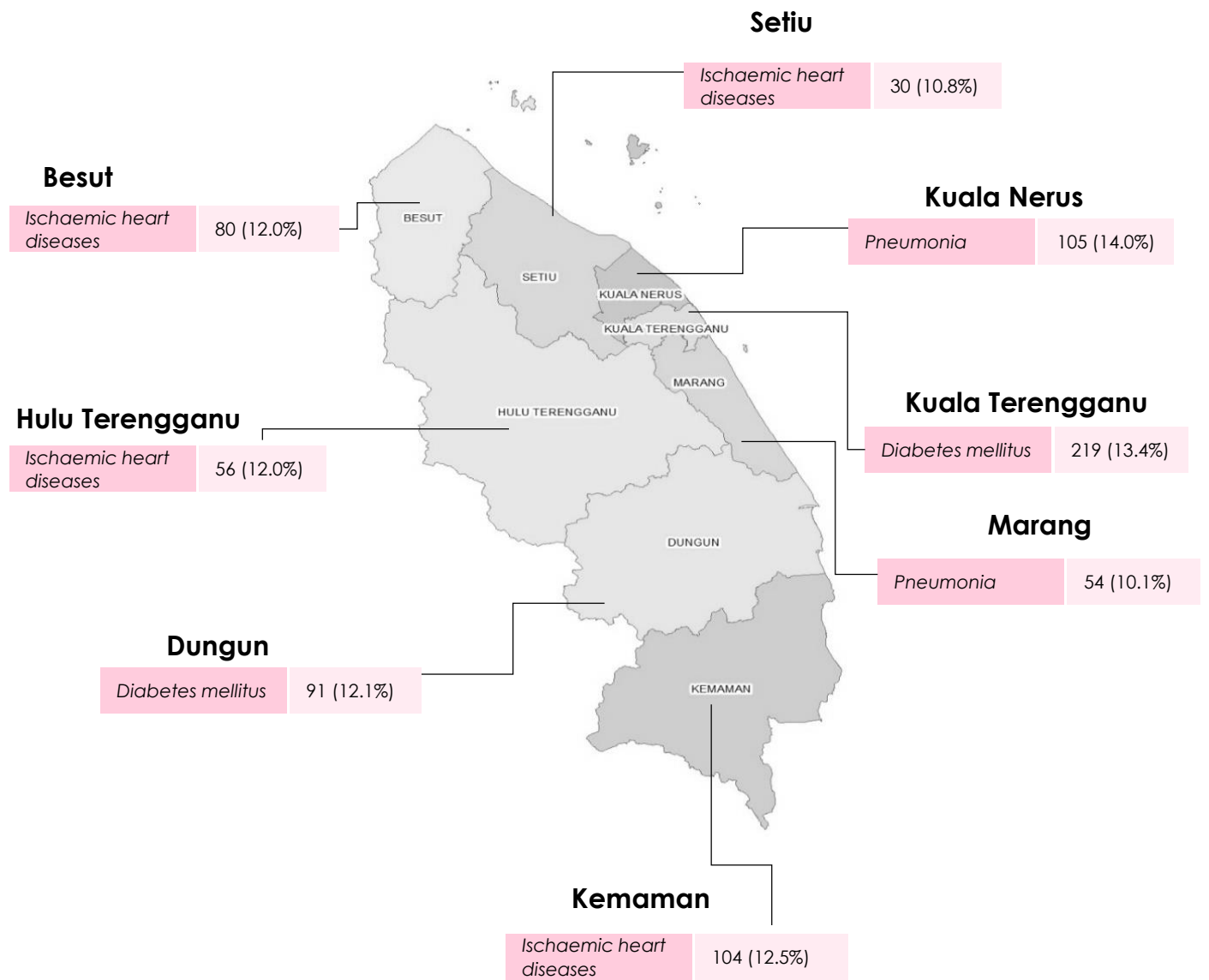
SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, TERENGGANU, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Diabetes mellitus</i>	<i>Pneumonia</i>	<i>Transport accidents</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>
Jumlah	616	606	596	205	198
0	-	-	3 (0.5%)	-	-
1-4	-	-	1 (0.2%)	3 (1.5%)	-
5-9	-	-	-	2 (1.0%)	-
10-14	-	-	1 (0.2%)	5 (2.4%)	-
15-19	-	-	1 (0.2%)	28 (13.7%)	-
20-24	2 (0.3%)	-	4 (0.7%)	34 (16.6%)	-
25-29	3 (0.5%)	1 (0.2%)	6 (1.0%)	13 (6.3%)	1 (0.5%)
30-34	4 (0.6%)	2 (0.3%)	11 (1.8%)	17 (8.3%)	-
35-39	28 (4.5%)	6 (1.0%)	12 (2.0%)	16 (7.8%)	1 (0.5%)
40-44	38 (6.2%)	14 (2.3%)	26 (4.4%)	20 (9.8%)	6 (3.0%)
45-49	50 (8.1%)	25 (4.1%)	23 (3.9%)	8 (3.9%)	4 (2.0%)
50-54	61 (9.9%)	32 (5.3%)	24 (4.0%)	10 (4.9%)	5 (2.5%)
55-59	64 (10.4%)	62 (10.2%)	39 (6.5%)	13 (6.3%)	13 (6.6%)
60-64	72 (11.7%)	76 (12.5%)	75 (12.6%)	6 (2.9%)	19 (9.6%)
65-69	88 (14.3%)	89 (14.7%)	75 (12.6%)	12 (5.9%)	28 (14.1%)
70-74	80 (13.0%)	74 (12.2%)	72 (12.1%)	7 (3.4%)	27 (13.6%)
75-79	68 (11.0%)	87 (14.4%)	97 (16.3%)	5 (2.4%)	37 (18.7%)
80-84	27 (4.4%)	73 (12.0%)	56 (9.4%)	3 (1.5%)	26 (13.1%)
85 dan lebih	31 (5.0%)	65 (10.7%)	70 (11.7%)	3 (1.5%)	31 (15.7%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA¹ MENGIKUT DAERAH PENTADBIRAN,
TERENGGANU, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, W.P. KUALA LUMPUR, 2024



W.P. KUALA LUMPUR



5,550 (57.2%)



9,704
kematian



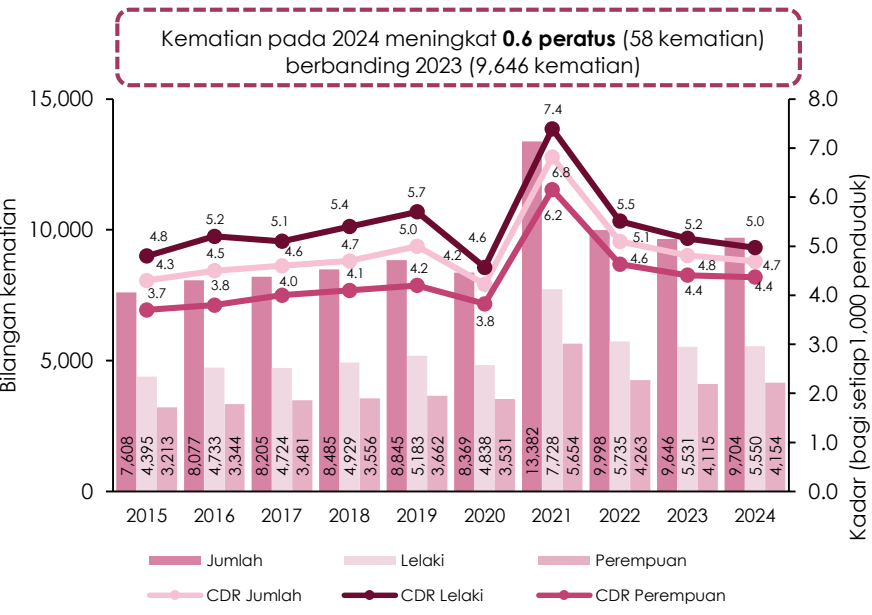
4,154 (42.8%)

PURATA

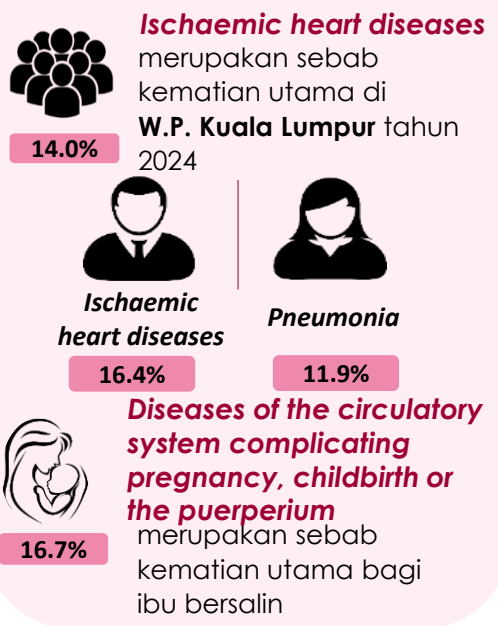
1 kematian setiap jam

27 kematian setiap hari

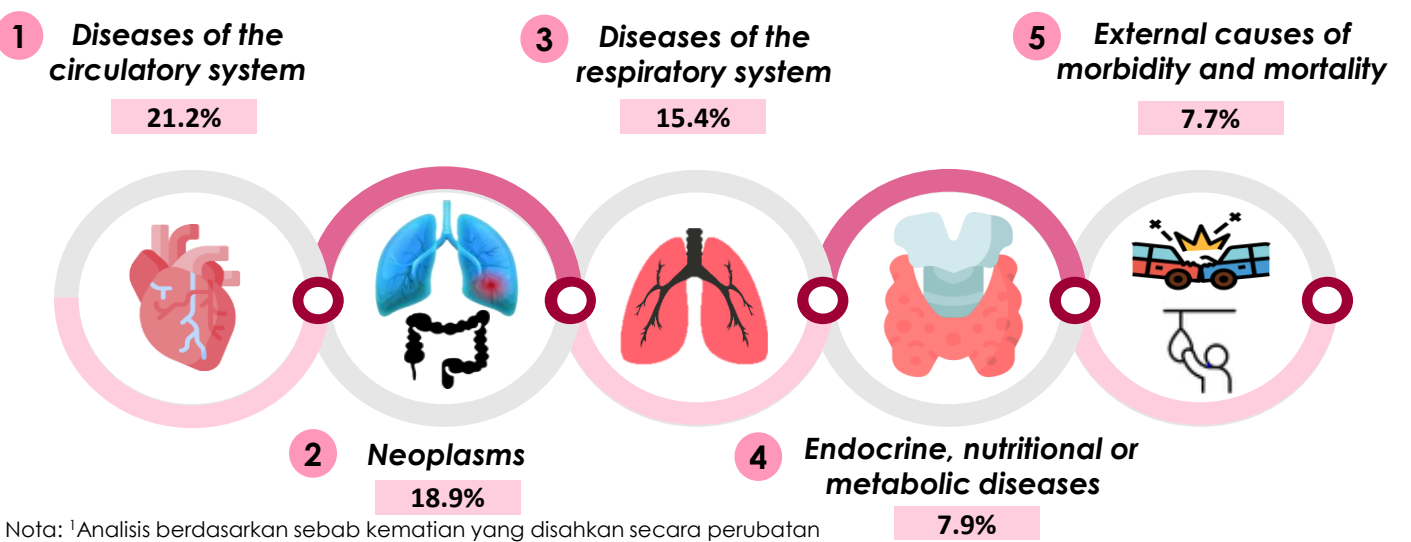
SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), W.P. KUALA LUMPUR, 2015-2024



SEBAB KEMATIAN UTAMA¹



LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, W.P. KUALA LUMPUR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
W.P. KUALA LUMPUR, 2024



Melayu (2,595 kematian)

1	Ischaemic heart diseases	14.4%
2	Pneumonia	10.7%
3	Diabetes mellitus	6.3%
4	Transport accidents	4.5%
5	Intracranial haemorrhage	2.5%



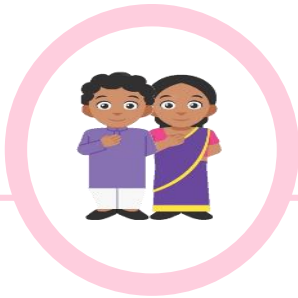
Bumiputera Lain (64 kematian)

1	Ischaemic heart diseases	12.5%
2	Transport accidents	12.5%
3	Intracranial haemorrhage	4.7%
4	Malignant neoplasms of breast	4.7%
5	Malignant neoplasms of large intestine, anus, and anal canal	4.7%



Cina (3,399 kematian)

1	Ischaemic heart diseases	12.8%
2	Pneumonia	12.3%
3	Diabetes mellitus	5.8%
4	Malignant neoplasms of bronchus or lung	3.6%
5	Malignant neoplasms of large intestine, anus, and anal canal	3.4%

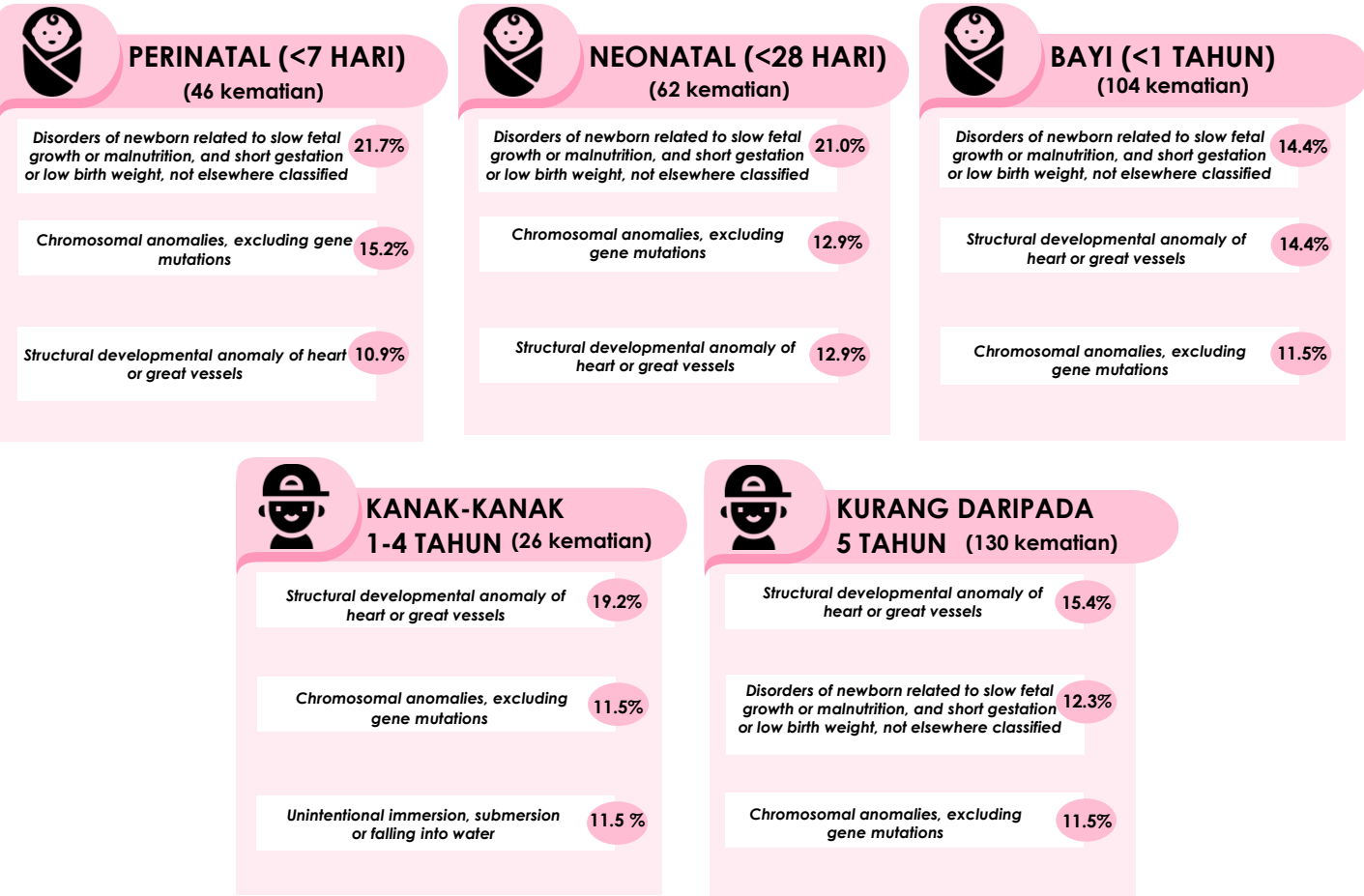


India (1,010 kematian)

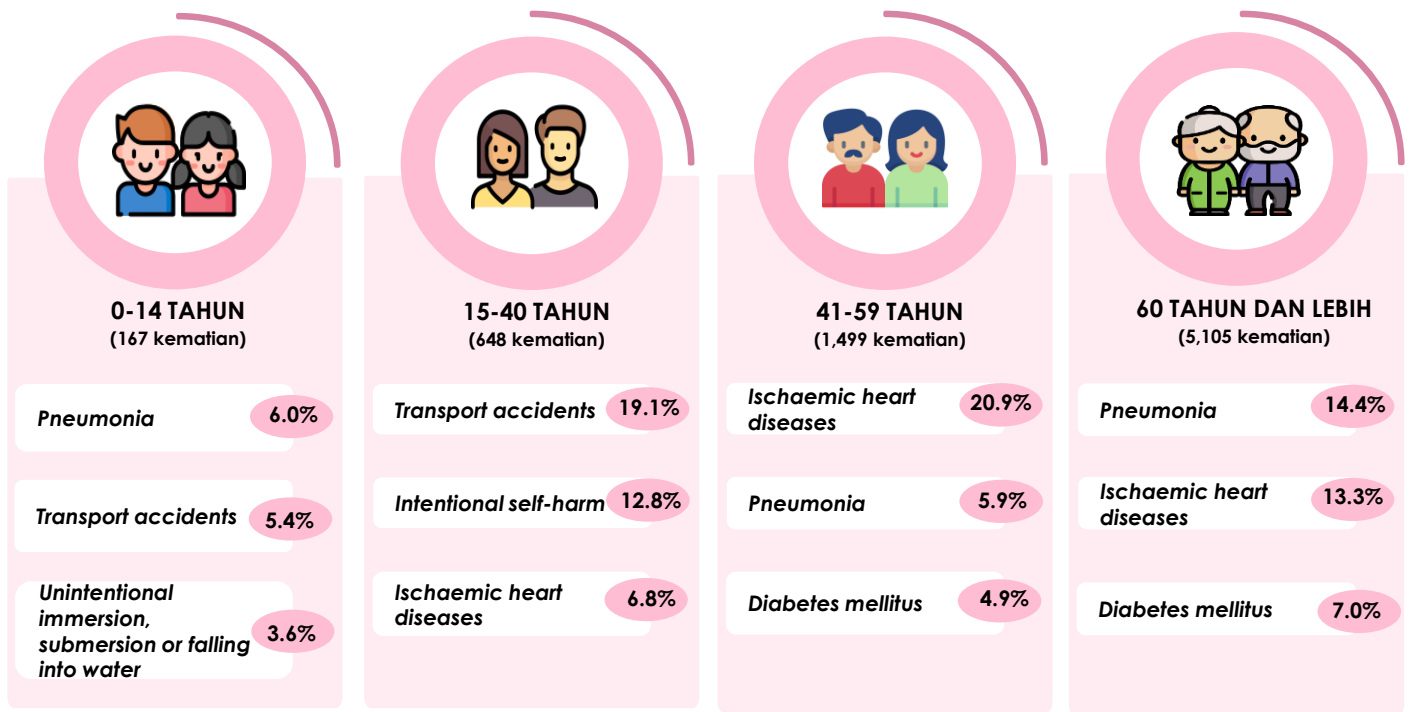
1	Ischaemic heart diseases	17.5%
2	Pneumonia	11.7%
3	Diabetes mellitus	6.2%
4	Transport accidents	3.0%
5	Intracranial haemorrhage	2.3%

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI,
W.P. KUALA LUMPUR, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR,
W.P. KUALA LUMPUR, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, W.P. KUALA LUMPUR, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Malignant neoplasms of bronchus or lung</i>	<i>Transport accidents</i>
Jumlah	1,035	855	443	205	198
0	-	6 (0.7%)	-	-	1 (0.5%)
1-4	-	2 (0.2%)	-	-	2 (1.0%)
5-9	-	2 (0.2%)	-	-	3 (1.5%)
10-14	-	-	-	-	3 (1.5%)
15-19	-	1 (0.1%)	-	-	20 (10.1%)
20-24	-	3 (0.4%)	2 (0.5%)	-	32 (16.2%)
25-29	6 (0.6%)	1 (0.1%)	-	-	21 (10.6%)
30-34	8 (0.8%)	2 (0.2%)	1 (0.2%)	2 (1.0%)	23 (11.6%)
35-39	25 (2.4%)	10 (1.2%)	5 (1.1%)	4 (2.0%)	25 (12.6%)
40-44	49 (4.7%)	12 (1.4%)	10 (2.3%)	6 (2.9%)	17 (8.6%)
45-49	75 (7.2%)	19 (2.2%)	10 (2.3%)	5 (2.4%)	6 (3.0%)
50-54	74 (7.1%)	17 (2.0%)	20 (4.5%)	9 (4.4%)	9 (4.5%)
55-59	120 (11.6%)	44 (5.1%)	36 (8.1%)	21 (10.2%)	7 (3.5%)
60-64	111 (10.7%)	67 (7.8%)	47 (10.6%)	25 (12.2%)	5 (2.5%)
65-69	125 (12.1%)	96 (11.2%)	50 (11.3%)	35 (17.1%)	8 (4.0%)
70-74	118 (11.4%)	102 (11.9%)	51 (11.5%)	39 (19.0%)	11 (5.6%)
75-79	117 (11.3%)	123 (14.4%)	54 (12.2%)	21 (10.2%)	2 (1.0%)
80-84	94 (9.1%)	143 (16.7%)	67 (15.1%)	21 (10.2%)	3 (1.5%)
85 dan lebih	113 (10.9%)	205 (24.0%)	90 (20.3%)	17 (8.3%)	-

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, W.P LABUAN, 2024



W.P. LABUAN



255 (65.2%)



391

kematian



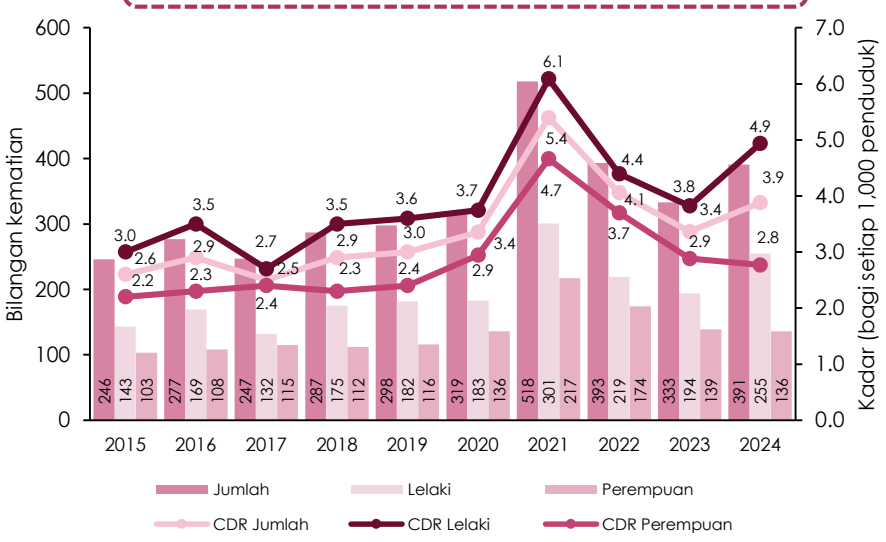
136 (34.8%)

PURATA

1 kematian setiap hari

MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),
W.P. LABUAN, 2015-2024

Kematian pada 2024 meningkat **17.4 peratus** (58 kematian)
berbanding 2023 (333 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases
merupakan sebab
kematian utama di
W.P. Labuan tahun 2024

15.0%



Ischaemic heart diseases

17.1%



Pneumonia

13.9%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, W.P. LABUAN, 2024

1 Diseases of the circulatory system

25.0%

3 Diseases of the respiratory system

16.0%

5 Certain infectious or parasitic diseases

7.3%

2 Neoplasms

18.3%

4 Diseases of the nervous system

9.7%

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
W.P. LABUAN, 2024



Melayu (125 kematian)

1	Ischaemic heart diseases	15.2%
2	Pneumonia	11.2%
3	Stroke not known if ischaemic or haemorrhagic	5.6%
4	Heart failure	4.0%
5	Malignant neoplasms of bronchus or lung	4.0%



Bumiputera Lain (99 kematian)

1	Ischaemic heart diseases	13.1%
2	Pneumonia	11.1%
3	Intracranial haemorrhage	4.0%
4	Malignant neoplasms of cervix uteri	3.0%
5	Stroke not known if ischaemic or haemorrhagic	3.0%



Cina (52 kematian)

1	Ischaemic heart diseases	17.3%
2	Pneumonia	11.5%
3	Stroke not known if ischaemic or haemorrhagic	7.7%
4	Lymphoid Neoplasms	3.8%
5	Malignant neoplasms of bronchus or lung	3.8%



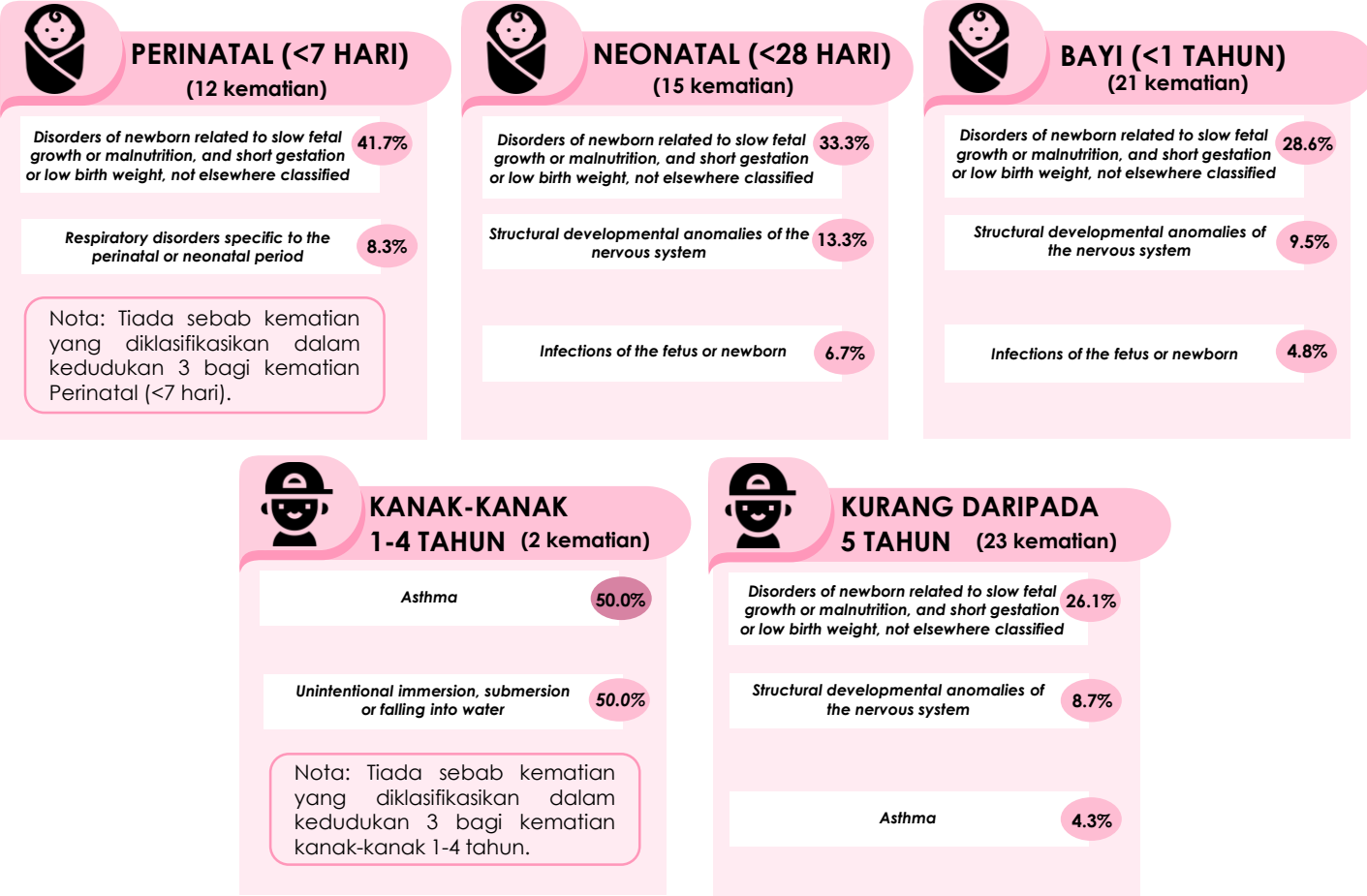
India (3 kematian)

1	Ischaemic heart diseases	66.7%
2	Intracranial haemorrhage	33.3%

Nota : Tiada sebab kematian ke-3 hingga ke-5 direkodkan bagi etnik India.

Nota: ¹ Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI, W.P. LABUAN, 2024



SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, W.P. LABUAN, 2024

Kumpulan umur (Tahun)	Ischaemic heart diseases	Pneumonia	Stroke not known if ischaemic or haemorrhagic	Malignant neoplasms of bronchus or lung	Heart failure
Jumlah	45	34	14	9	8
0	-	1 (2.9%)	-	-	-
1-4	-	-	-	-	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	1 (2.2%)	-	-	-	-
30-34	-	2 (5.9%)	-	-	-
35-39	1 (2.2%)	1 (2.9%)	-	-	-
40-44	2 (4.4%)	1 (2.9%)	-	1 (11.1%)	-
45-49	3 (6.7%)	2 (5.9%)	-	-	1 (12.5%)
50-54	3 (6.7%)	-	2 (14.3%)	-	1 (12.5%)
55-59	3 (6.7%)	4 (11.8%)	4 (28.6%)	2 (22.2%)	-
60-64	4 (8.9%)	1 (2.9%)	-	-	-
65-69	10 (22.2%)	4 (11.8%)	3 (21.4%)	1 (11.1%)	3 (37.5%)
70-74	4 (8.9%)	3 (8.8%)	1 (7.1%)	4 (44.4%)	1 (12.5%)
75-79	6 (13.3%)	5 (14.7%)	1 (7.1%)	1 (11.1%)	1 (12.5%)
80-84	4 (8.9%)	3 (8.8%)	1 (7.1%)	-	-
85 dan lebih	4 (8.9%)	7 (20.6%)	2 (14.3%)	-	1 (12.5%)

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

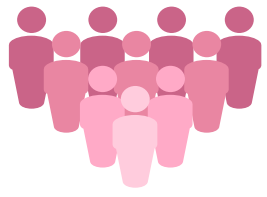
BILANGAN KEMATIAN, W.P PUTRAJAYA, 2024



W.P. PUTRAJAYA



169 (56.0%)



302

kematian



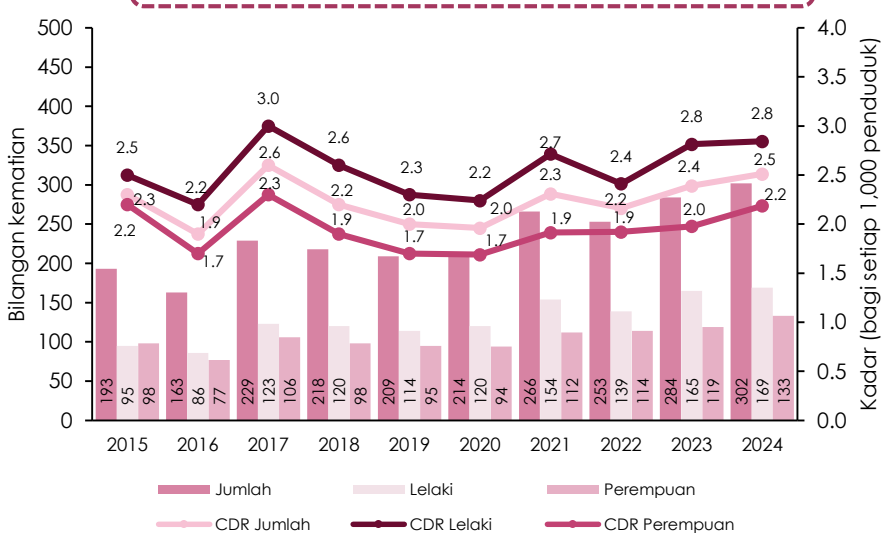
133 (44.0%)

PURATA

1 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), W.P. PUTRAJAYA, 2015-2024

Kematian pada 2024 meningkat **6.3 peratus** (18 kematian) berbanding 2023 (284 kematian)



SEBAB KEMATIAN UTAMA¹



Ischaemic heart diseases merupakan sebab kematian utama di W.P. Putrajaya tahun 2024

13.5%



Ischaemic heart diseases
18.2%



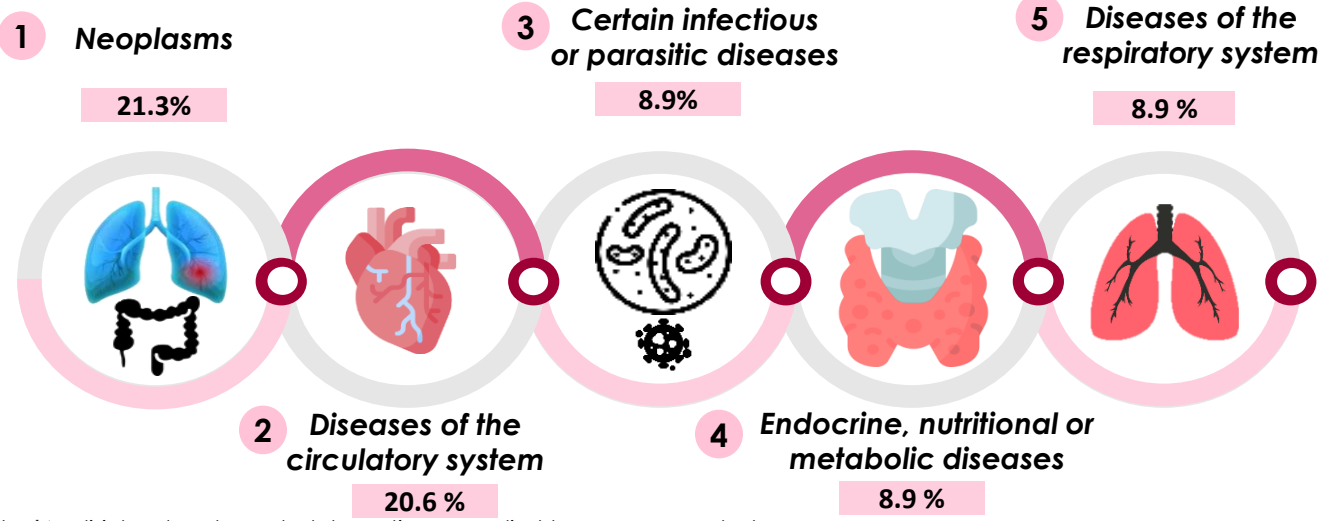
Malignant neoplasms of breast
14.6%



Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium merupakan sebab kematian utama bagi ibu bersalin

100.0%

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT BAB ICD-11, W.P. PUTRAJAYA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN ETNIK,
W.P. PUTRAJAYA, 2024



Melayu (263 kematian)

1	Ischaemic heart diseases	12.5%
2	Diabetes mellitus	7.2%
3	Malignant neoplasms of breast	6.5%
4	Pneumonia	6.1%
5	Malignant neoplasms of large intestine, anus, and anal canal	4.2%



Bumiputera Lain (7 kematian)

1	Diabetes mellitus	14.3%
2	Ischaemic heart diseases	14.3%

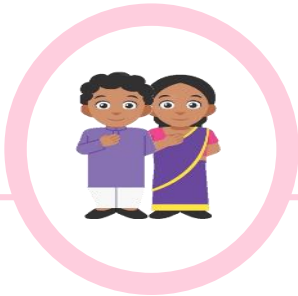
Nota : Tiada sebab kematian yang direkodkan bagi kedudukan 3 hingga 5 bagi etnik Bumiputera Lain.



Cina (4 kematian)

1	Ischaemic heart diseases	25.0%
2	Pulmonary thromboembolism	25.0%

Nota : Tiada sebab kematian yang direkodkan bagi kedudukan 3 hingga 5 bagi etnik Cina.



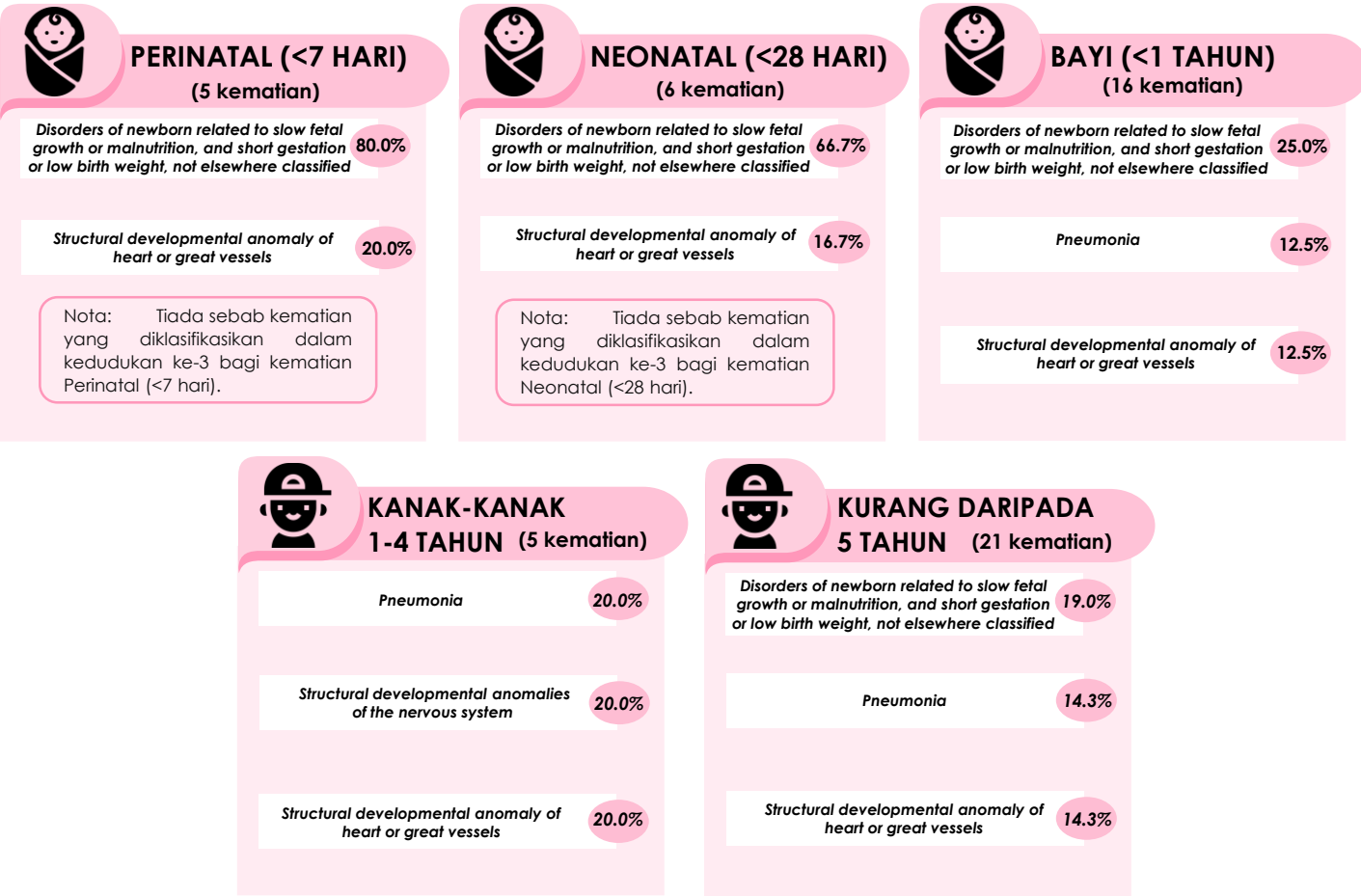
India (7 kematian)

1	Ischaemic heart diseases	42.9%
2	Malignant neoplasms of breast	14.3%

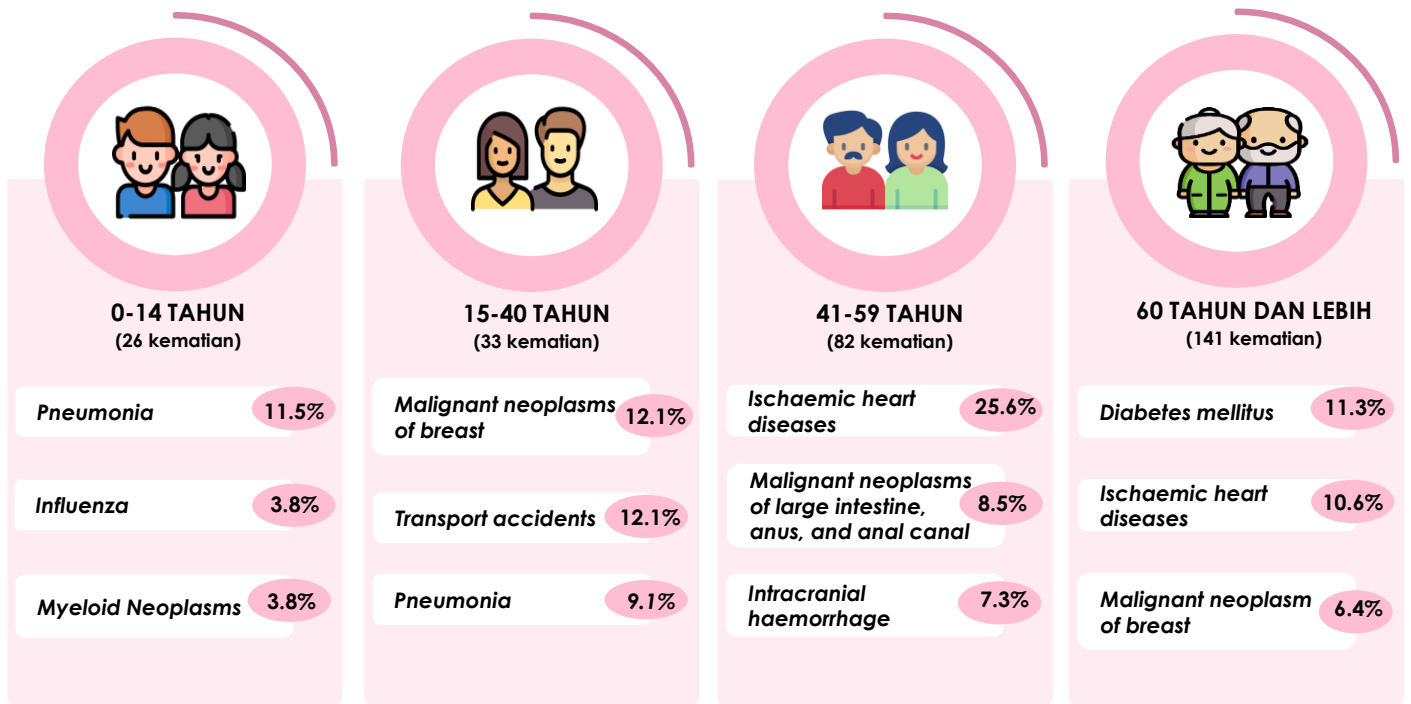
Nota : Tiada sebab kematian yang direkodkan bagi kedudukan 3 hingga 5 bagi etnik India.

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KATEGORI,
W.P. PUTRAJAYA, 2024



TIGA SEBAB KEMATIAN UTAMA¹ MENGIKUT KUMPULAN UMUR,
W.P. PUTRAJAYA, 2024



Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN¹

MENGIKUT KUMPULAN UMUR, W.P. PUTRAJAYA, 2024

Kumpulan umur (Tahun)	<i>Ischaemic heart diseases</i>	<i>Diabetes mellitus</i>	<i>Malignant neoplasms of breast</i>	<i>Pneumonia</i>	<i>Malignant neoplasms of large intestine, anus, and anal canal</i>
Jumlah	38	20	18	16	11
0	-	-	-	2 (12.5%)	-
1-4	-	-	-	1 (6.3%)	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	-	-	-	-	-
30-34	-	-	1 (5.6%)	2 (12.5%)	-
35-39	2 (5.3%)	-	2 (11.1%)	1 (6.3%)	-
40-44	3 (7.9%)	-	3 (16.7%)	1 (6.3%)	1 (9.1%)
45-49	9 (23.7%)	-	1 (5.6%)	1 (6.3%)	1 (9.1%)
50-54	4 (10.5%)	2 (10.0%)	1 (5.6%)	-	1 (9.1%)
55-59	5 (13.2%)	2 (10.0%)	1 (5.6%)	-	4 (36.4%)
60-64	3 (7.9%)	2 (10.0%)	4 (22.2%)	1 (6.3%)	-
65-69	4 (10.5%)	4 (20.0%)	2 (11.1%)	3 (18.8%)	2 (18.2%)
70-74	4 (10.5%)	4 (20.0%)	1 (5.6%)	1 (6.3%)	-
75-79	3 (7.9%)	3 (15.0%)	1 (5.6%)	1 (6.3%)	2 (18.2%)
80-84	1 (2.6%)	2 (10.0%)	1 (5.6%)	2(12.5%)	-
85 dan lebih	-	1 (5.0%)	-	-	-

Nota: ¹Analisis berdasarkan sebab kematian yang disahkan secara perubatan

CAUSES OF DEATH BY STATE AT A GLANCE

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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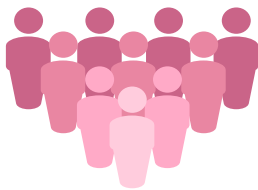
NUMBER OF DEATHS, MALAYSIA, 2024



MALAYSIA



113,866 (57.2%)



198,992
deaths



85,126 (42.8%)

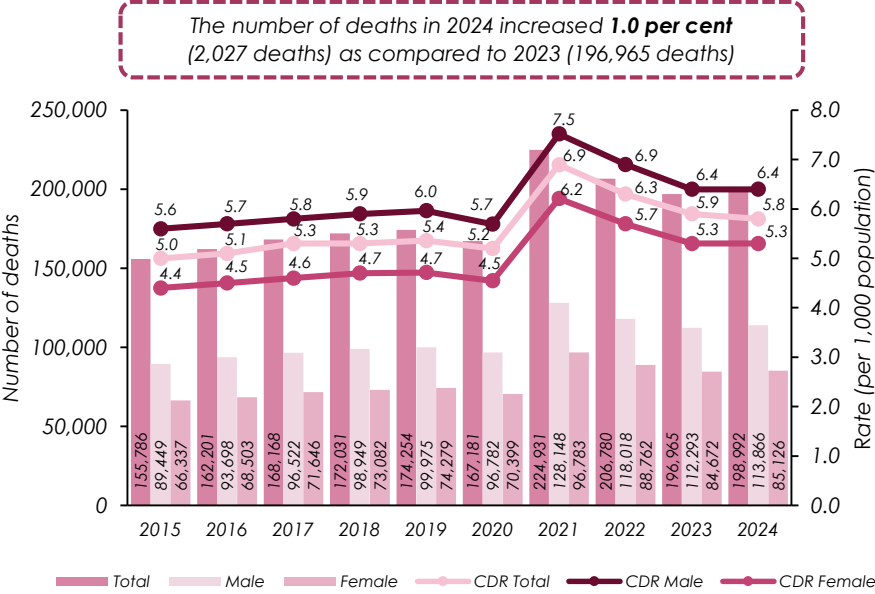
AVERAGE

1 death per 3 minutes

23 deaths per hour

545 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
MALAYSIA, 2015-2024



THE PRINCIPAL CAUSES
OF DEATH¹



Ischaemic heart diseases was the principal causes of death in **Malaysia** in 2024

13.0%



Ischaemic heart diseases

15.3%



Pneumonia

12.4%



Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium

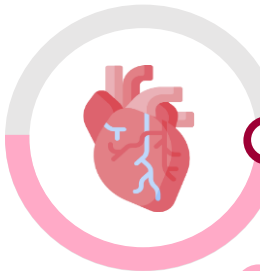
17.8%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, MALAYSIA, 2024

1 Diseases of the circulatory system

20.8%



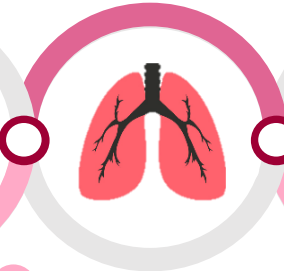
3 Neoplasms

14.3%



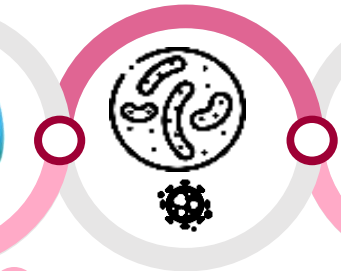
2 Diseases of the respiratory system

16.0%



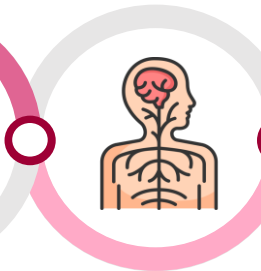
4 Certain infectious or parasitic diseases

9.3%



5 Diseases of the nervous system

8.1%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, MALAYSIA, 2024



Malay (74,060 deaths)

1	Ischaemic heart diseases	13.9%
2	Pneumonia	11.3%
3	Diabetes mellitus	6.3%
4	Transport accidents	3.9%
5	Kidney failure	3.1%



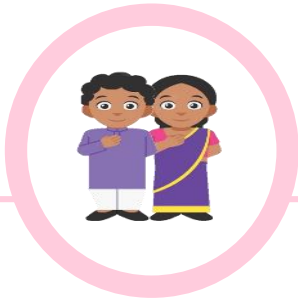
Other Bumiputera (10,505 deaths)

1	Pneumonia	9.7%
2	Ischaemic heart diseases	6.4%
3	Kidney failure	3.2%
4	Transport accidents	3.1%
5	Intracranial haemorrhage	2.7%



Chinese (33,437 deaths)

1	Pneumonia	12.7%
2	Ischaemic heart diseases	11.6%
3	Diabetes mellitus	3.8%
4	Malignant neoplasms of bronchus or lung	3.4%
5	Malignant neoplasms of large intestine, anus, and anal canal	2.9%

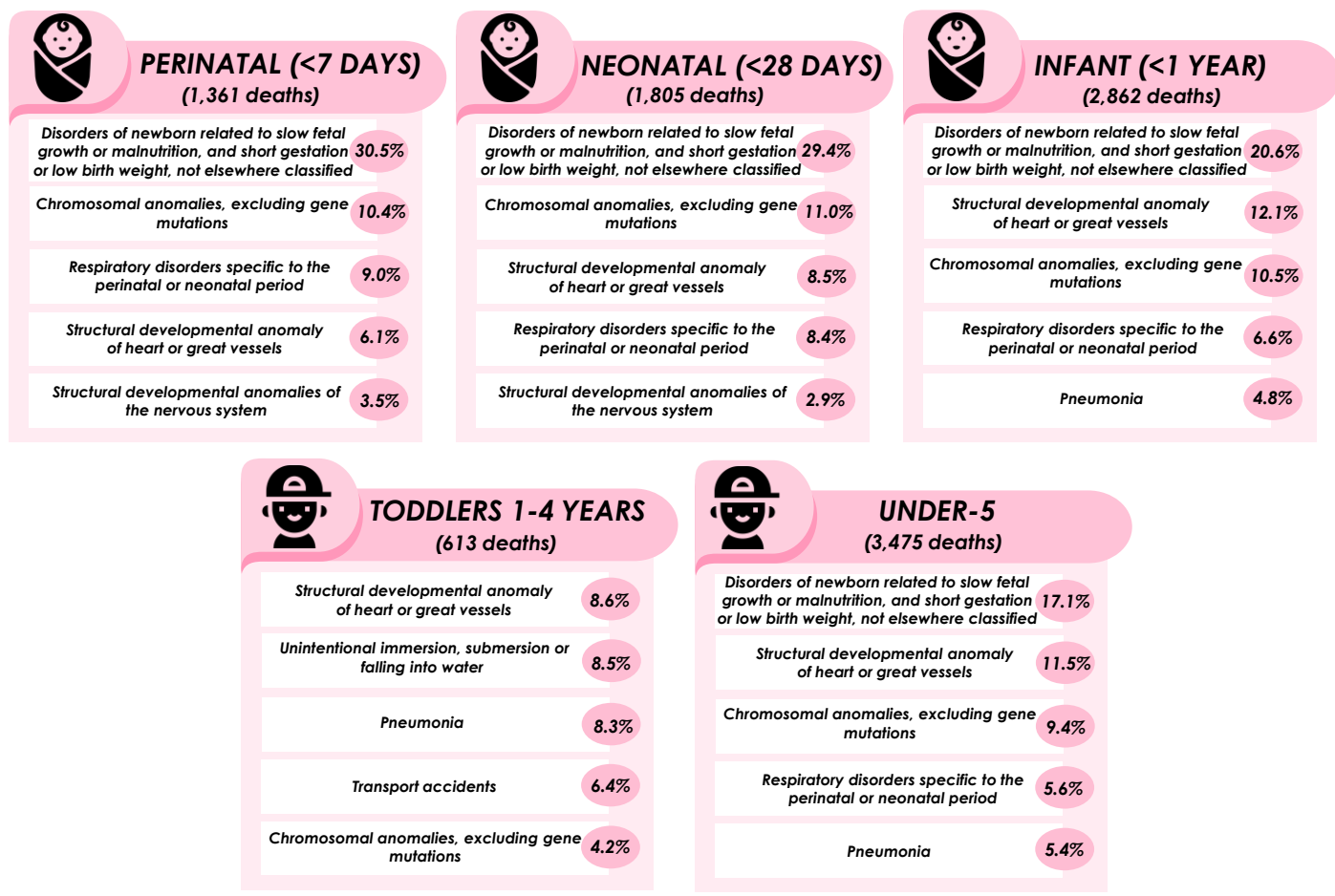


Indians (12,249 deaths)

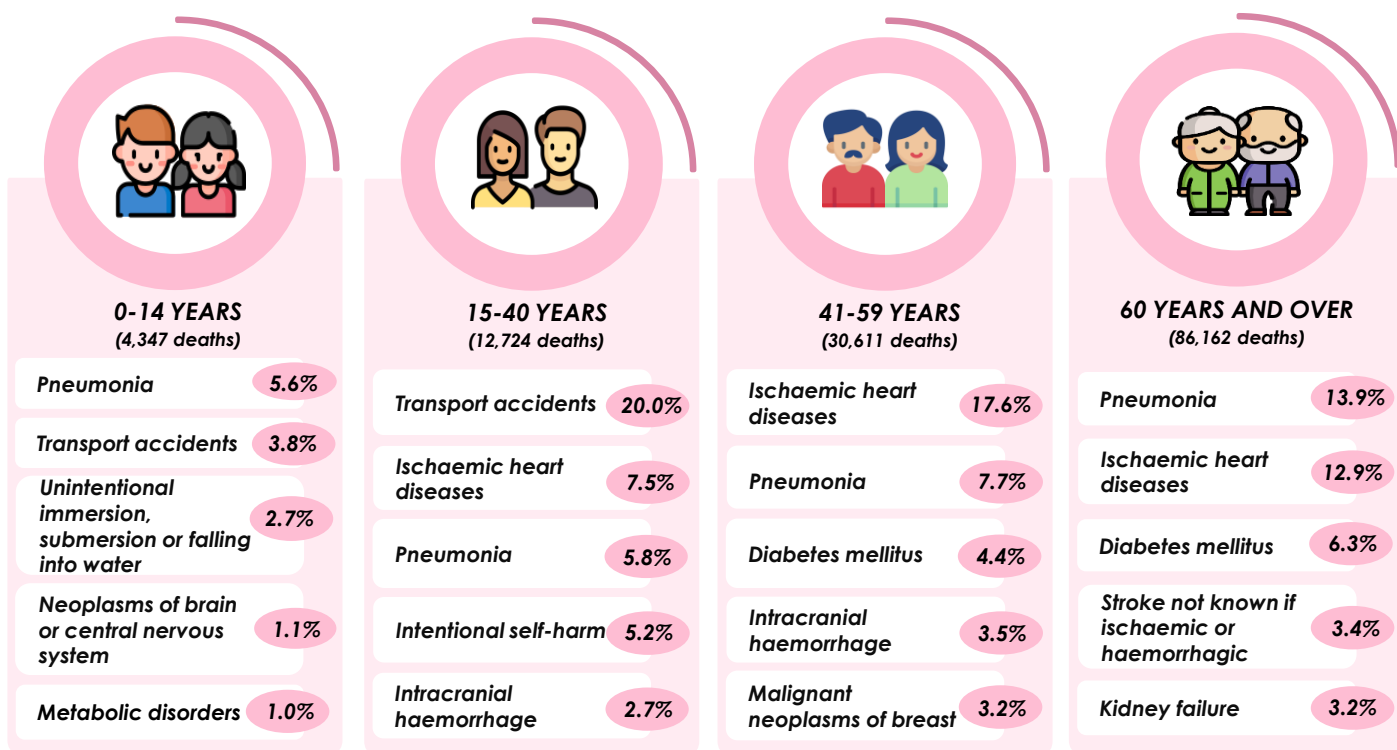
1	Ischaemic heart diseases	17.6%
2	Pneumonia	11.0%
3	Diabetes mellitus	5.5%
4	Transport accidents	4.2%
5	Kidney failure	2.8%

Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, MALAYSIA, 2024



FIVE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, MALAYSIA, 2024



SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
MALAYSIA, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Total	17,421	15,332	6,929	4,428	3,911
0	-	138 (0.9%)	-	16 (0.4%)	-
1-4	-	51 (0.3%)	-	39 (0.9%)	-
5-9	3 (0.0%)	23 (0.2%)	1 (0.0%)	27 (0.6%)	-
10-14	4 (0.0%)	32 (0.2%)	1 (0.0%)	83 (1.9%)	6 (0.2%)
15-19	9 (0.1%)	58 (0.4%)	2 (0.0%)	592 (13.4%)	10 (0.3%)
20-24	31 (0.2%)	83 (0.5%)	9 (0.1%)	693 (15.7%)	29 (0.7%)
25-29	82 (0.5%)	120 (0.8%)	18 (0.3%)	477 (10.8%)	24 (0.6%)
30-34	217 (1.2%)	159 (1.0%)	42 (0.6%)	369 (8.3%)	60 (1.5%)
35-39	488 (2.8%)	255 (1.7%)	82 (1.2%)	362 (8.2%)	76 (1.9%)
40-44	847 (4.9%)	371 (2.4%)	124 (1.8%)	299 (6.8%)	132 (3.4%)
45-49	1,249 (7.2%)	472 (3.1%)	244 (3.5%)	225 (5.1%)	169 (4.3%)
50-54	1,486 (8.5%)	610 (4.0%)	390 (5.6%)	234 (5.3%)	258 (6.6%)
55-59	1,921 (11.0%)	971 (6.3%)	603 (8.7%)	202 (4.6%)	381 (9.7%)
60-64	2,097 (12.0%)	1,453 (9.5%)	848 (12.2%)	203 (4.6%)	443 (11.3%)
65-69	2,204 (12.7%)	1,717 (11.2%)	980 (14.1%)	191 (4.3%)	512 (13.1%)
70-74	2,114 (12.1%)	2,100 (13.7%)	1,013 (14.6%)	193 (4.4%)	552 (14.1%)
75-79	1,798 (10.3%)	2,197 (14.3%)	978 (14.1%)	120 (2.7%)	477 (12.2%)
80-84	1,393 (8.0%)	1,936 (12.6%)	741 (10.7%)	66 (1.5%)	398 (10.2%)
85 and over	1,487 (8.5%)	2,586 (16.9%)	853 (12.3%)	37 (0.8%)	384 (9.8%)

NUMBER OF DEATHS, JOHOR, 2024



JOHOR



14,492 (57.9%)



25,031
deaths



10,539 (42.1%)

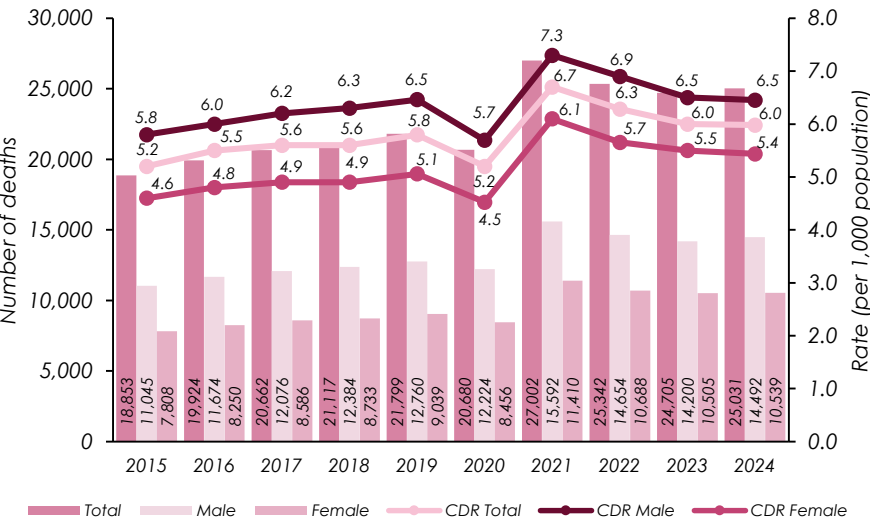
AVERAGE

3 deaths per hour

69 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
JOHOR, 2015-2024

The number of deaths in 2024 increased **1.3 per cent**
(326 deaths) as compared to 2023 (24,705 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
14.0% Johor in 2024



**Ischaemic
heart diseases**

16.7%



Pneumonia

12.4%



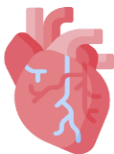
**Obstetric blood-clot
embolism**
was the principal
causes of death for
maternal

17.6%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, JOHOR, 2024

**1 Diseases of the
circulatory system**

21.2%



**2 Diseases of the
respiratory system**

15.9%



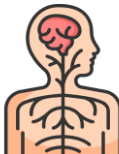
3 Neoplasms

13.2%



**4 Diseases of the
nervous system**

8.2%



**5 Certain infectious
or parasitic diseases**

8.1%



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, JOHOR, 2024



Malay (10,687 deaths)

1	Ischaemic heart diseases	14.2%
2	Pneumonia	11.5%
3	Diabetes mellitus	5.7%
4	Transport accidents	3.9%
5	Stroke not known if ischaemic or haemorrhagic	3.5%



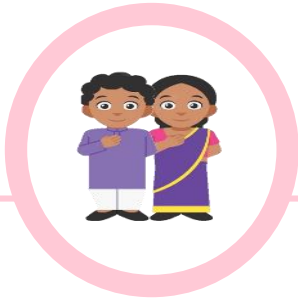
Other Bumiputera (206 deaths)

1	Pneumonia	11.7%
2	Ischaemic heart diseases	10.2%
3	Transport accidents	8.3%
4	Diabetes mellitus	4.4%
5	Intracranial haemorrhage	4.4%



Chinese (5,737 deaths)

1	Ischaemic heart diseases	13.1%
2	Pneumonia	12.5%
3	Diabetes mellitus	3.8%
4	Malignant neoplasms of bronchus or lung	3.2%
5	Stroke not known if ischaemic or haemorrhagic	2.9%

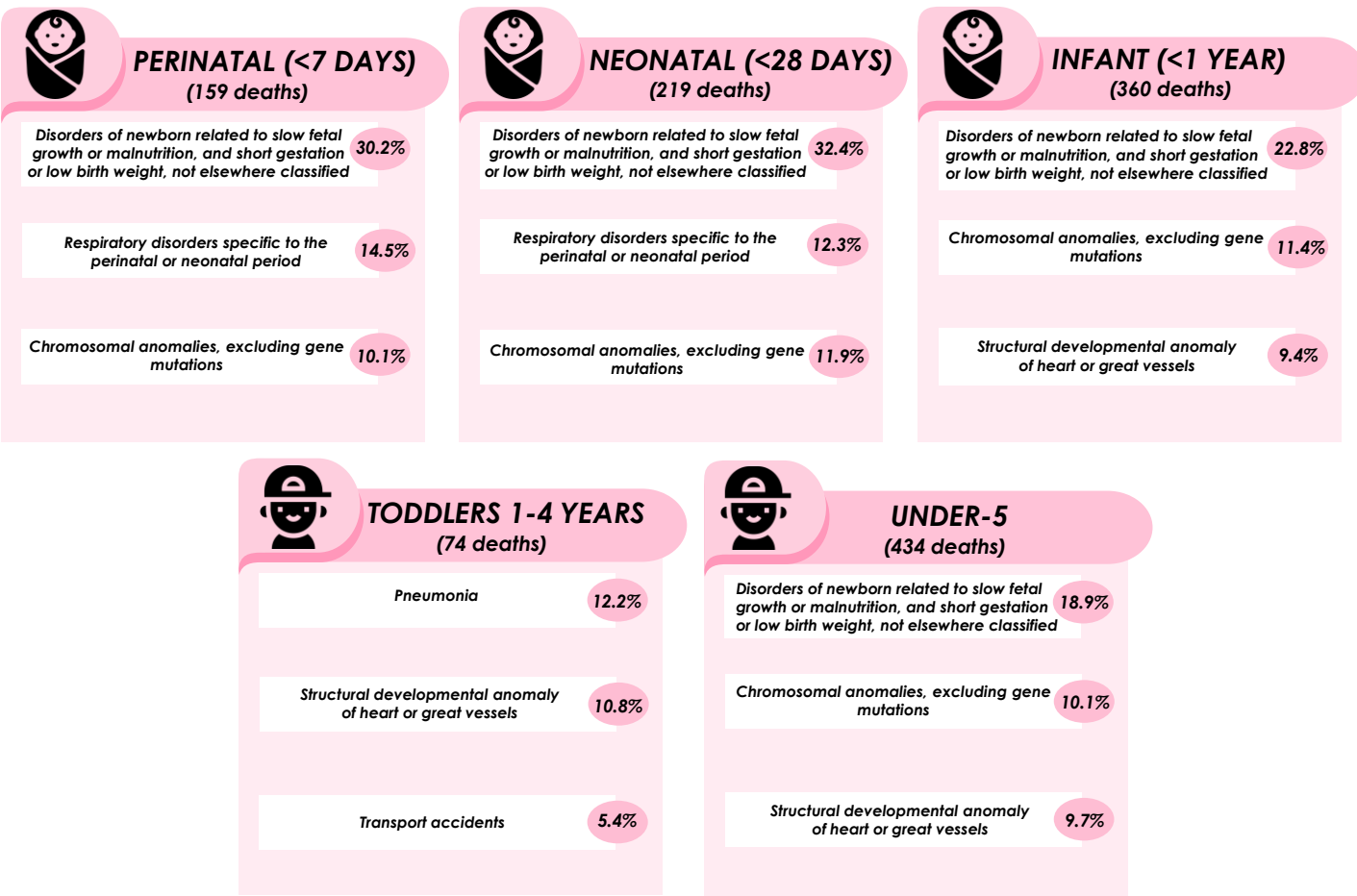


Indians (1,480 deaths)

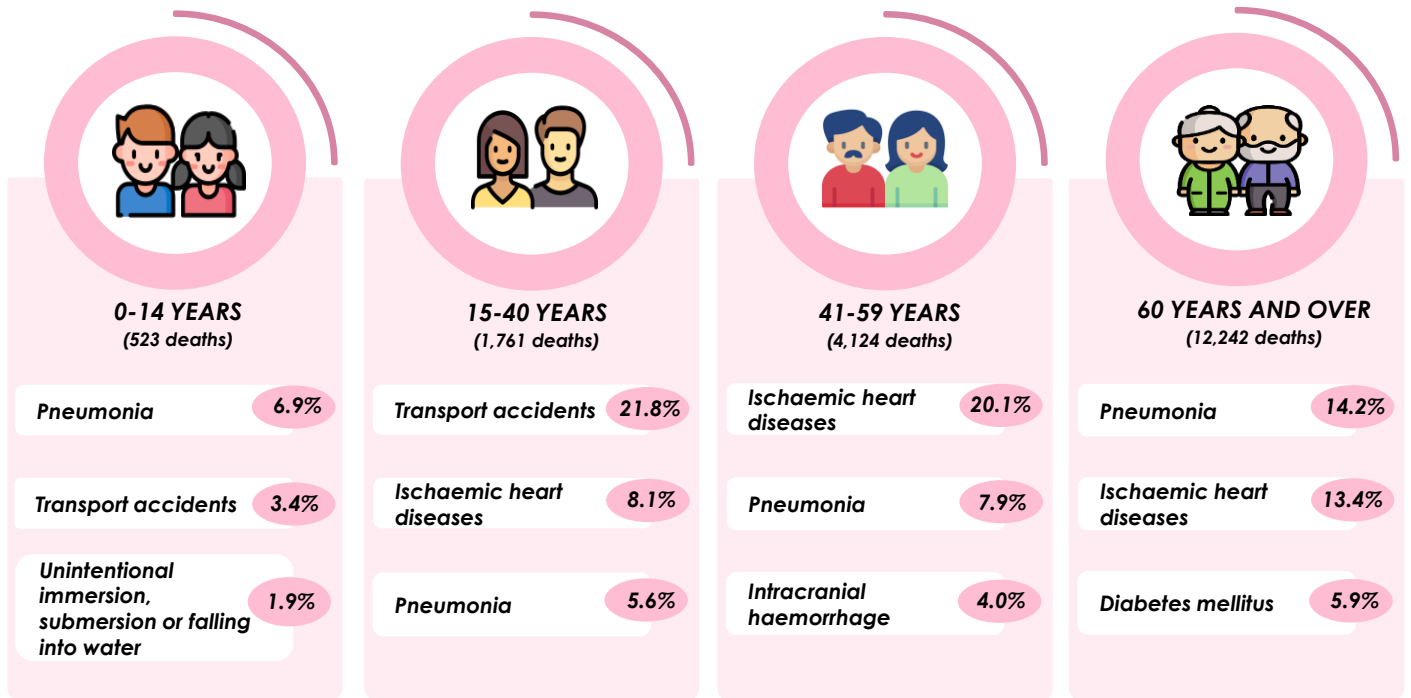
1	Ischaemic heart diseases	17.8%
2	Pneumonia	11.8%
3	Transport accidents	5.7%
4	Diabetes mellitus	3.6%
5	Stroke not known if ischaemic or haemorrhagic	2.2%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, JOHOR, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, JOHOR, 2024

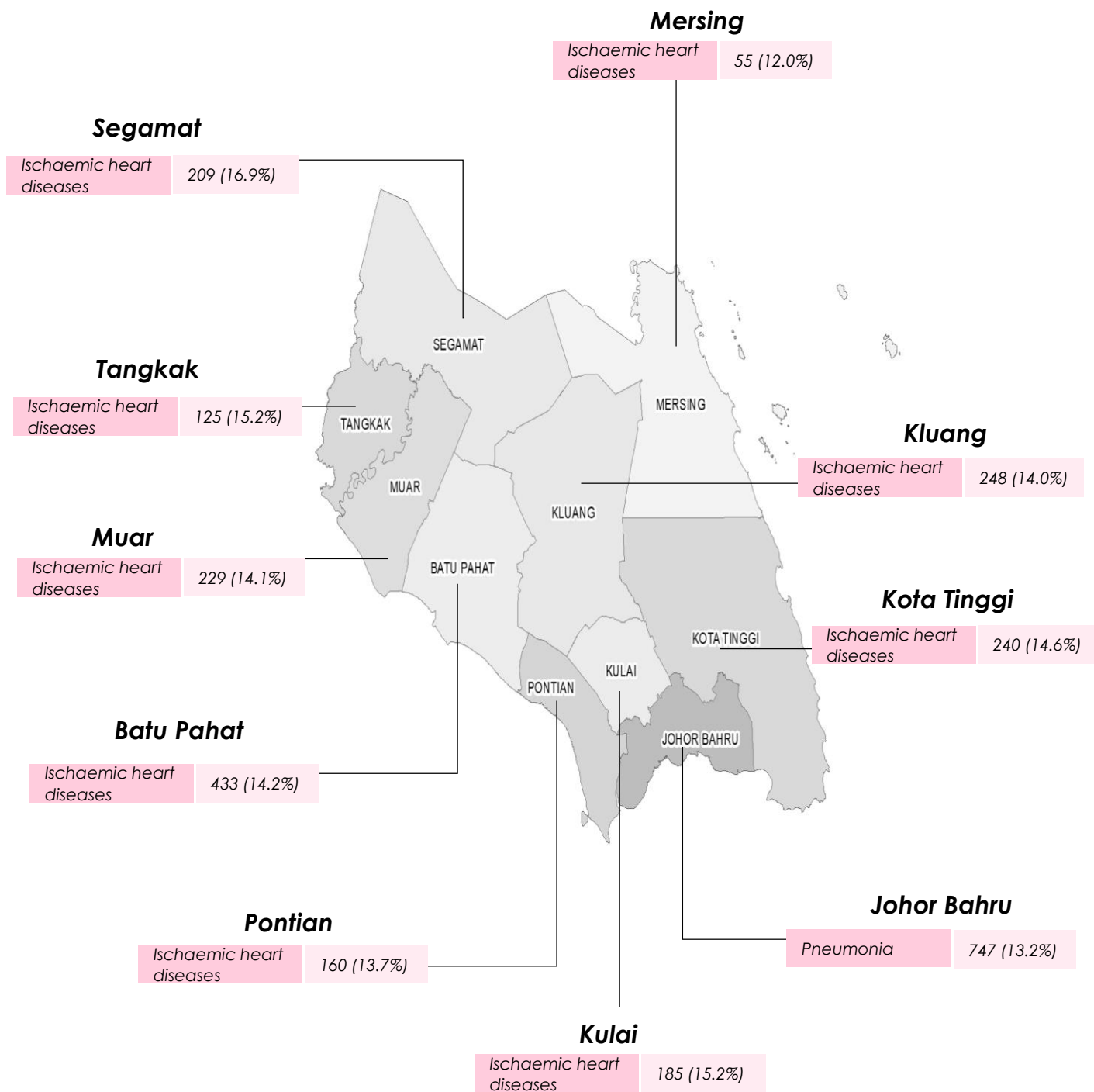


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
JOHOR, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Stroke not known if ischaemic or haemorrhagic
Total	2,620	2,197	906	663	593
0	-	24 (1.1%)	-	5 (0.8%)	-
1-4	-	9 (0.4%)	-	4 (0.6%)	-
5-9	2 (0.1%)	1 (0.0%)	-	2 (0.3%)	-
10-14	-	2 (0.1%)	-	7 (1.1%)	-
15-19	1 (0.0%)	2 (0.1%)	1 (0.1%)	83 (12.5%)	-
20-24	5 (0.2%)	9 (0.4%)	2 (0.2%)	105 (15.8%)	-
25-29	15 (0.6%)	15 (0.7%)	2 (0.2%)	83 (12.5%)	-
30-34	35 (1.3%)	19 (0.9%)	8 (0.9%)	48 (7.2%)	1 (0.2%)
35-39	66 (2.5%)	46 (2.1%)	9 (1.0%)	54 (8.1%)	3 (0.5%)
40-44	133 (5.1%)	47 (2.1%)	13 (1.4%)	41 (6.2%)	9 (1.5%)
45-49	193 (7.4%)	64 (2.9%)	30 (3.3%)	35 (5.3%)	9 (1.5%)
50-54	230 (8.8%)	93 (4.2%)	49 (5.4%)	29 (4.4%)	22 (3.7%)
55-59	295 (11.3%)	130 (5.9%)	70 (7.7%)	33 (5.0%)	42 (7.1%)
60-64	323 (12.3%)	208 (9.5%)	118 (13.0%)	36 (5.4%)	51 (8.6%)
65-69	324 (12.4%)	273 (12.4%)	124 (13.7%)	32 (4.8%)	88 (14.8%)
70-74	337 (12.9%)	338 (15.4%)	148 (16.3%)	34 (5.1%)	83 (14.0%)
75-79	265 (10.1%)	343 (15.6%)	138 (15.2%)	18 (2.7%)	95 (16.0%)
80-84	196 (7.5%)	252 (11.5%)	83 (9.2%)	8 (1.2%)	72 (12.1%)
85 and over	200 (7.6%)	322 (14.7%)	111 (12.3%)	6 (0.9%)	118 (19.9%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, JOHOR, 2024



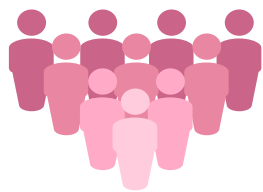
NUMBER OF DEATHS, KEDAH, 2024



KEDAH



9,290 (55.2%)



16,815
deaths



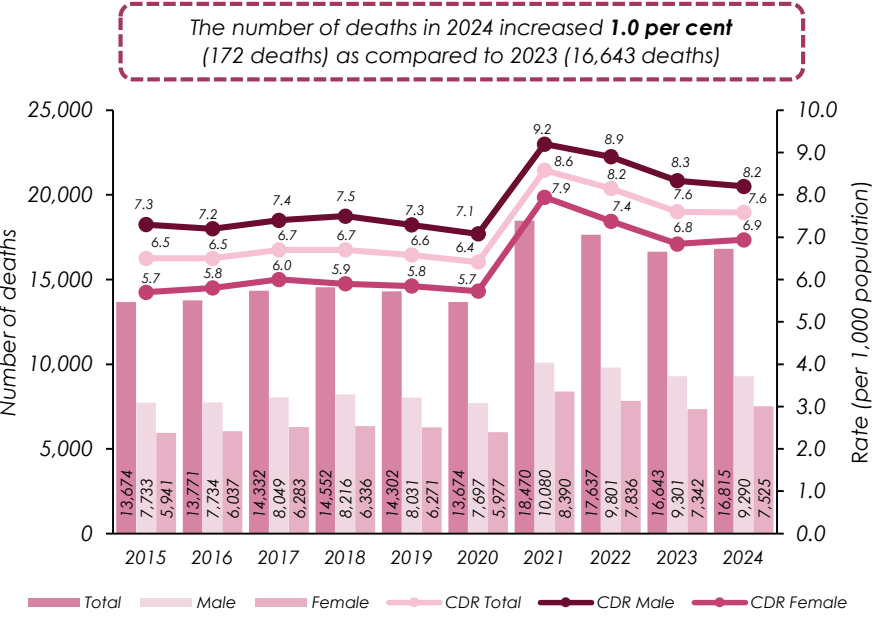
7,525 (44.8%)

AVERAGE

2 deaths per hour

46 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
KEDAH, 2015-2024



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases was the principal causes of death in **Kedah** in 2024

16.4%



Ischaemic heart diseases

18.7%



Pneumonia

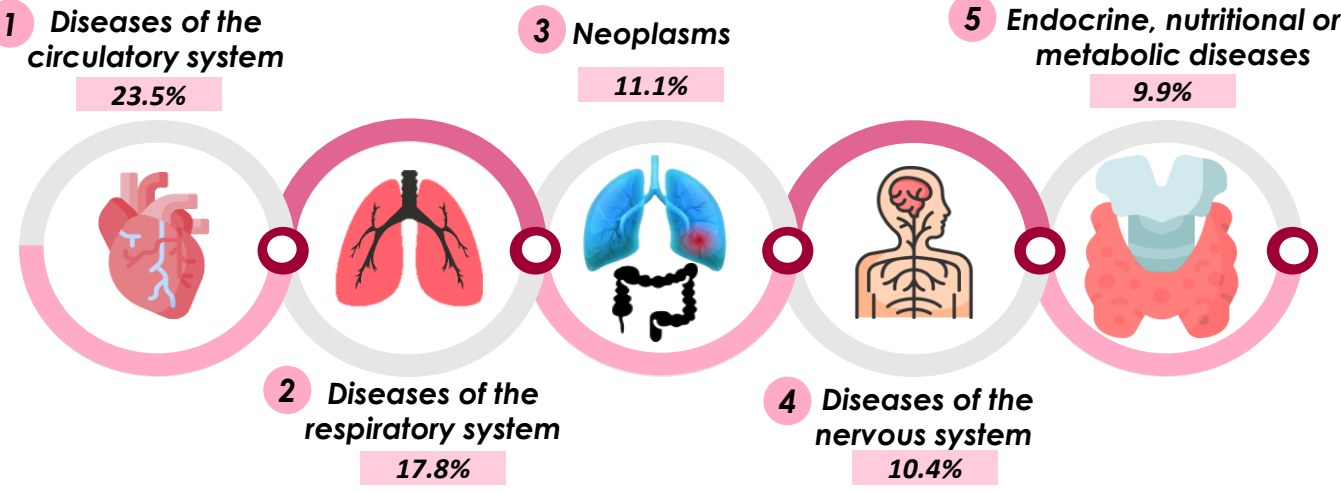
14.6%



Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium was the principal causes of death for maternal

40.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, KEDAH, 2024



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, KEDAH, 2024



Malay (11,130 deaths)

1	Ischaemic heart diseases	16.3%
2	Pneumonia	12.4%
3	Diabetes mellitus	8.3%
4	Stroke not known if ischaemic or haemorrhagic	4.7%
5	Kidney failure	4.2%



Other Bumiputera (21 deaths)

1	Ischaemic heart diseases	19.0%
2	Transport accidents	14.3%
3	Malignant neoplasms of ovary	9.5%
4	Pneumonia	9.5%
5	Cerebral ischaemia	4.8%



Chinese (1,921 deaths)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	14.8%
3	Diabetes mellitus	6.6%
4	Stroke not known if ischaemic or haemorrhagic	4.5%
5	Malignant neoplasms of bronchus or lung	3.2%

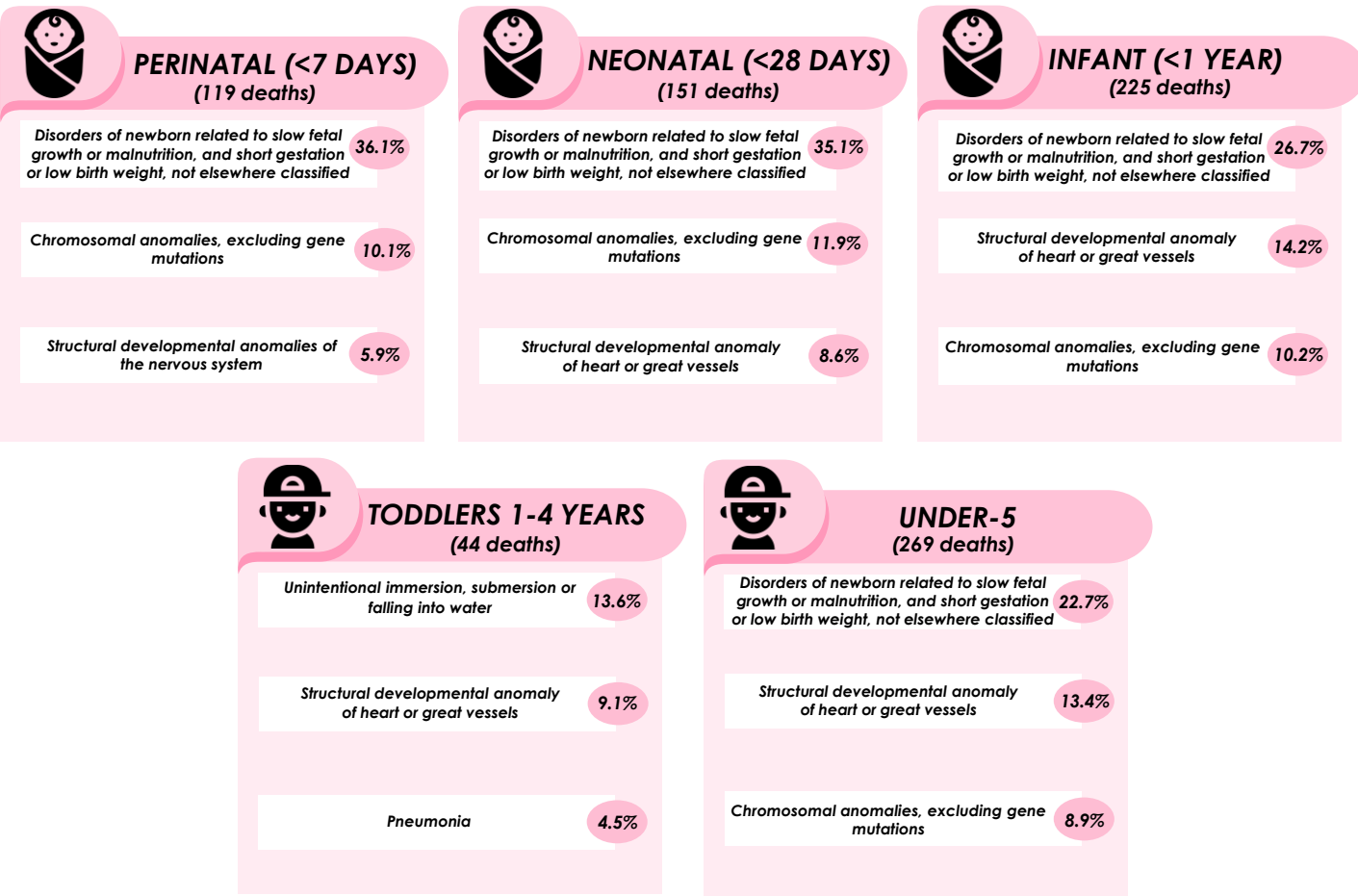


Indians (1,022 deaths)

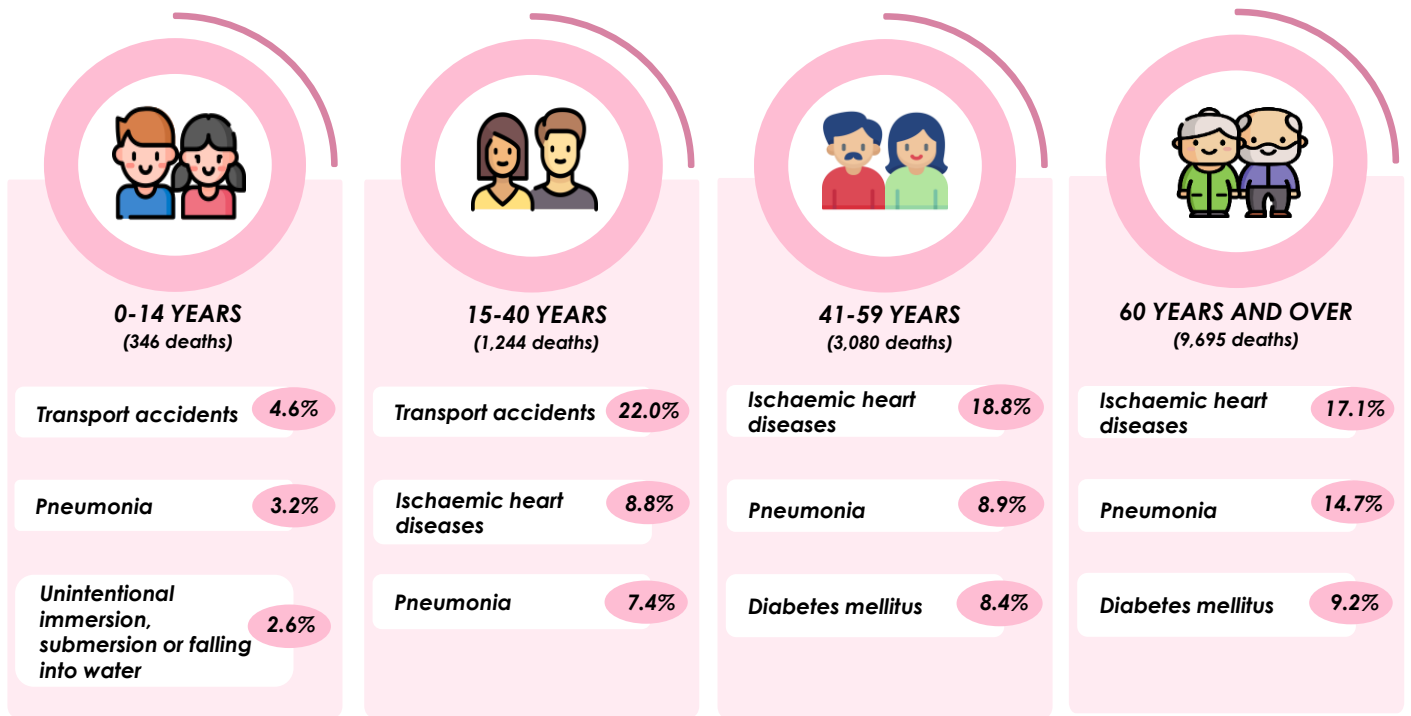
1	Ischaemic heart diseases	19.1%
2	Diabetes mellitus	10.7%
3	Pneumonia	10.1%
4	Cerebral ischaemia	3.5%
5	Transport accidents	3.5%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, KEDAH, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, KEDAH, 2024



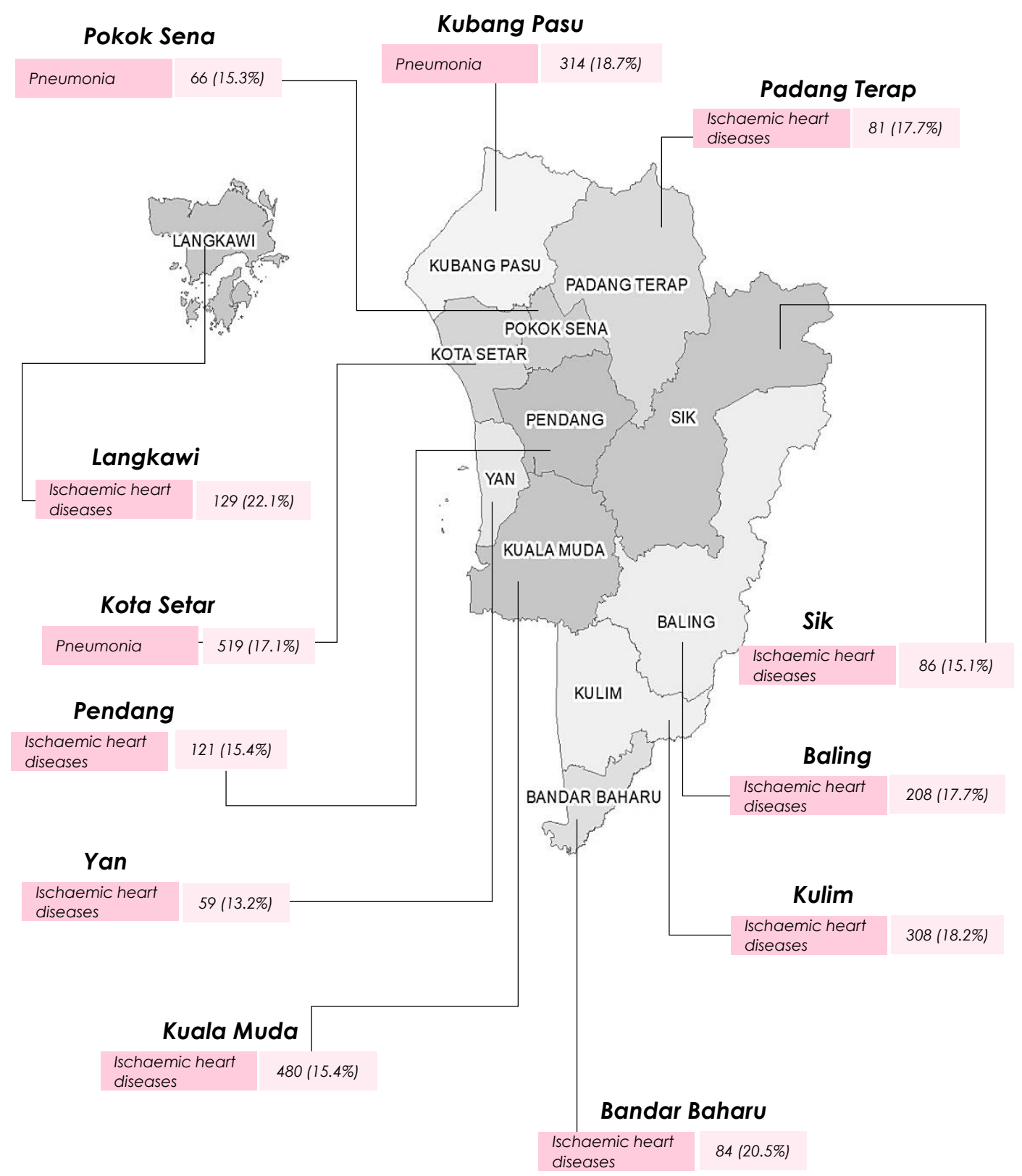
Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP, KEDAH, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Kidney failure
Total	2,349	1,806	1,185	647	559
0	-	3 (0.2%)	-	-	-
1-4	-	2 (0.1%)	-	-	-
5-9	-	2 (0.1%)	1 (0.1%)	-	-
10-14	-	4 (0.2%)	1 (0.1%)	1 (0.2%)	-
15-19	2 (0.1%)	13 (0.7%)	1 (0.1%)	-	-
20-24	5 (0.2%)	7 (0.4%)	1 (0.1%)	-	2 (0.4%)
25-29	12 (0.5%)	21 (1.2%)	3 (0.3%)	-	3 (0.5%)
30-34	29 (1.2%)	20 (1.1%)	6 (0.5%)	1 (0.2%)	11 (2.0%)
35-39	50 (2.1%)	21 (1.2%)	20 (1.7%)	5 (0.8%)	12 (2.1%)
40-44	81 (3.4%)	39 (2.2%)	20 (1.7%)	8 (1.2%)	22 (3.9%)
45-49	142 (6.0%)	44 (2.4%)	43 (3.6%)	20 (3.1%)	31 (5.5%)
50-54	162 (6.9%)	75 (4.2%)	91 (7.7%)	23 (3.6%)	41 (7.3%)
55-59	207 (8.8%)	125 (6.9%)	107 (9.0%)	35 (5.4%)	62 (11.1%)
60-64	263 (11.2%)	188 (10.4%)	148 (12.5%)	53 (8.2%)	57 (10.2%)
65-69	299 (12.7%)	203 (11.2%)	187 (15.8%)	83 (12.8%)	76 (13.6%)
70-74	280 (11.9%)	212 (11.7%)	159 (13.4%)	109 (16.8%)	98 (17.5%)
75-79	275 (11.7%)	236 (13.1%)	154 (13.0%)	111 (17.2%)	59 (10.6%)
80-84	245 (10.4%)	229 (12.7%)	120 (10.1%)	85 (13.1%)	48 (8.6%)
85 and over	297 (12.6%)	362 (20.0%)	123 (10.4%)	113 (17.5%)	37 (6.6%)

Note: ¹The analysis is based on medically certified deaths

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, KEDAH, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, KELANTAN, 2024



KELANTAN



6,456 (55.4%)



11,662

deaths



5,206 (44.6%)

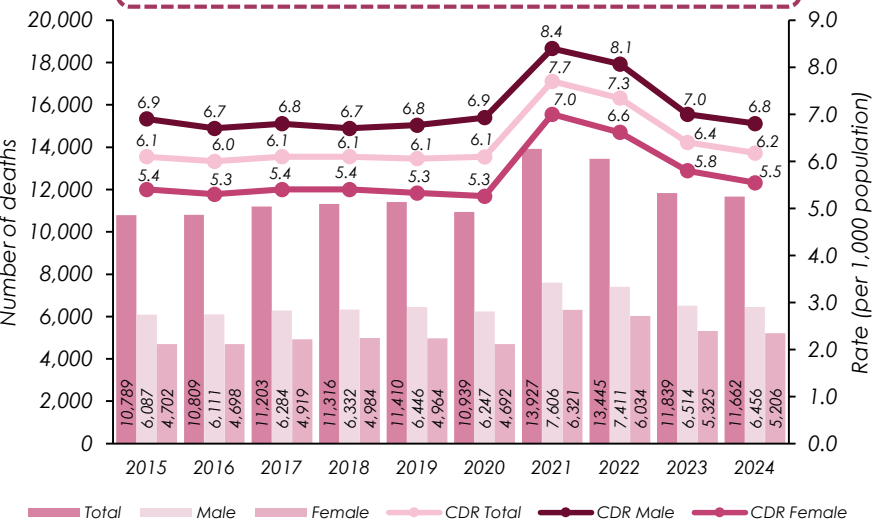
AVERAGE

1 death per hour

32 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
KELANTAN, 2015-2024

The number of deaths in 2024 decreased 1.5 per cent
(177 deaths) as compared to 2023 (11,839 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
Kelantan in 2024

18.8%



**Ischaemic
heart diseases**
20.9%



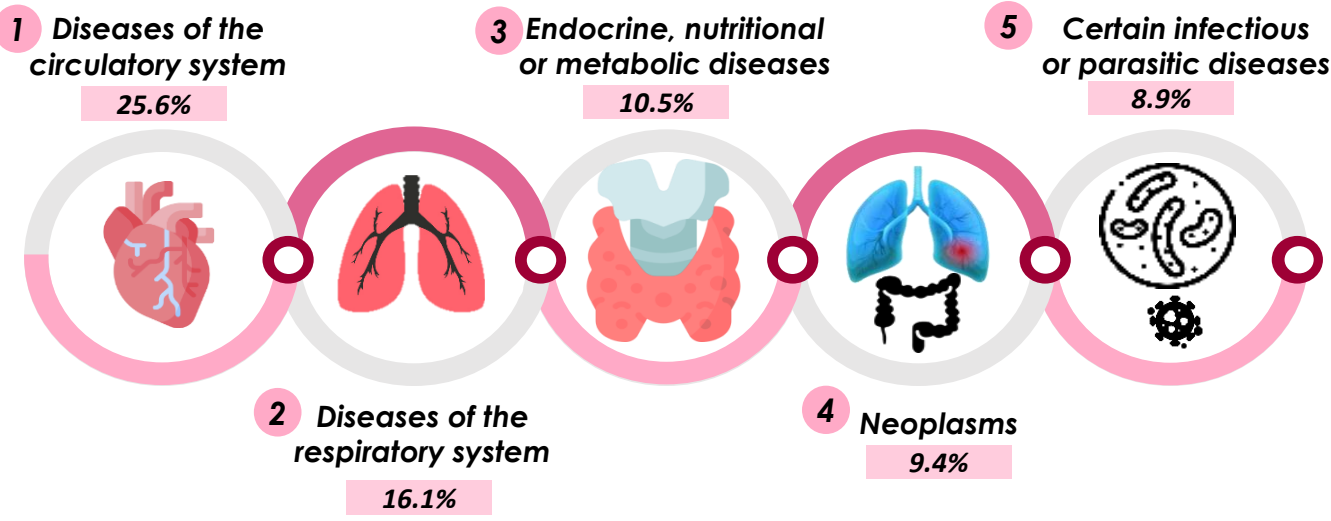
**Ischaemic
heart diseases**
15.9%



**Excessive vomiting in
pregnancy**
was the principal
causes of death for
maternal

28.6%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, KELANTAN, 2024



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, KELANTAN, 2024



Malay (8,274 deaths)

1	Ischaemic heart diseases	18.8%
2	Pneumonia	11.9%
3	Diabetes mellitus	7.1%
4	Stroke not known if ischaemic or haemorrhagic	3.7%
5	Metabolic disorders	3.1%



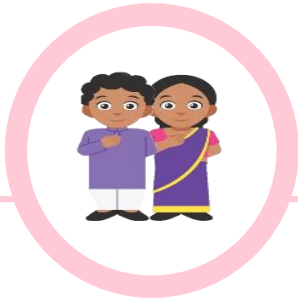
Other Bumiputera (77 deaths)

1	Ischaemic heart diseases	28.6%
2	Pneumonia	13.0%
3	Metabolic disorders	5.2%
4	Intentional self-harm	3.9%
5	Kidney failure	3.9%



Chinese (345 deaths)

1	Ischaemic heart diseases	15.1%
2	Pneumonia	13.0%
3	Diabetes mellitus	7.2%
4	Malignant neoplasms of large intestine, anus, and anal canal	4.3%
5	Intracranial haemorrhage	3.5%

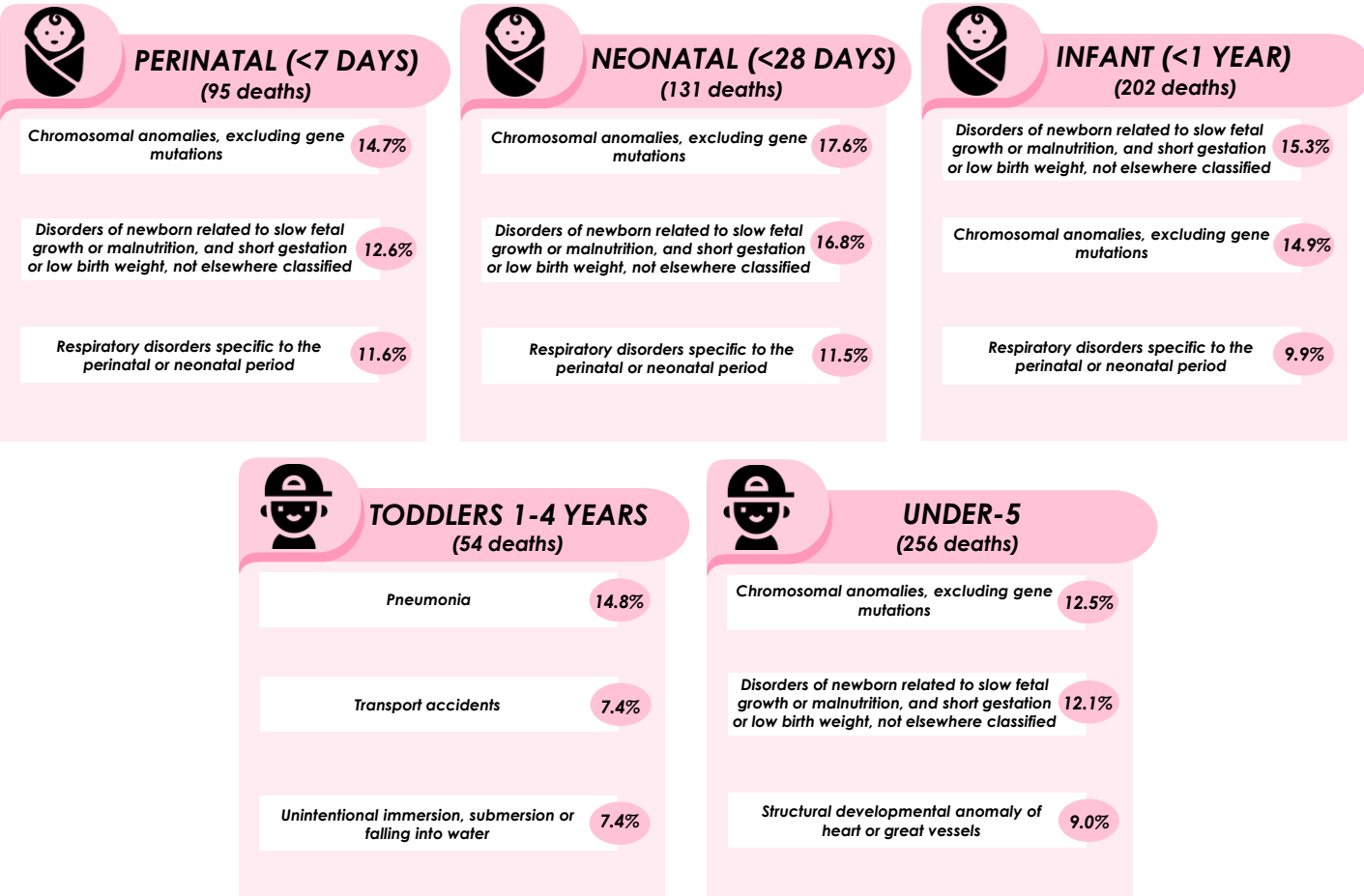


Indians (23 deaths)

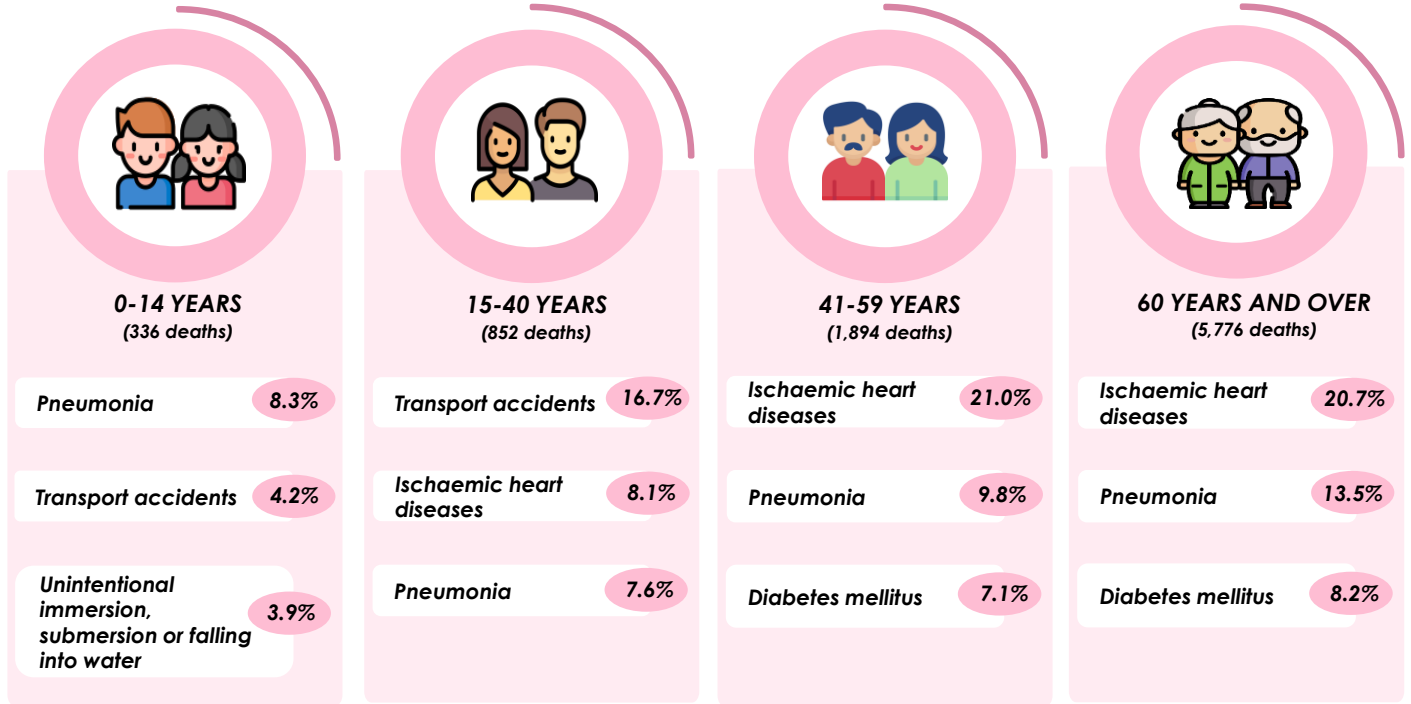
1	Ischaemic heart diseases	17.4%
2	Pneumonia	8.7%
3	Cerebral ischaemia	4.3%
4	Diabetes mellitus	4.3%
5	Malignant neoplasms of bronchus or lung	4.3%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, KELANTAN, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, KELANTAN, 2024

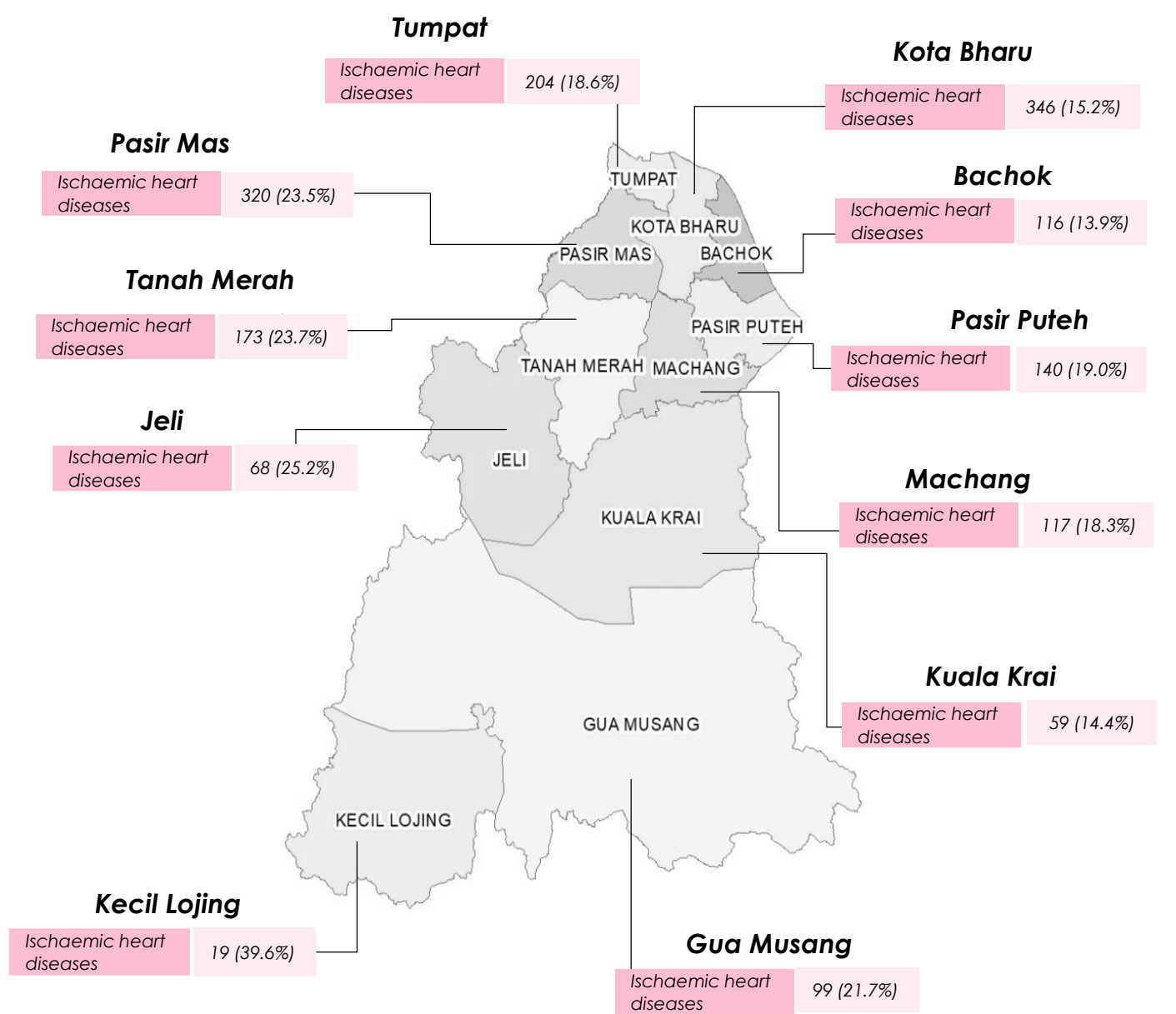


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
KELANTAN, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Metabolic disorders
Total	1,661	1,057	627	327	274
0	-	10 (0.9%)	-	-	5 (1.8%)
1-4	-	8 (0.8%)	-	-	1 (0.4%)
5-9	-	7 (0.7%)	-	-	1 (0.4%)
10-14	1 (0.1%)	3 (0.3%)	-	-	2 (0.7%)
15-19	2 (0.1%)	7 (0.7%)	-	-	1 (0.4%)
20-24	3 (0.2%)	10 (0.9%)	-	1 (0.3%)	1 (0.4%)
25-29	7 (0.4%)	7 (0.7%)	2 (0.3%)	-	2 (0.7%)
30-34	9 (0.5%)	18 (1.7%)	3 (0.5%)	1 (0.3%)	4 (1.5%)
35-39	36 (2.2%)	19 (1.8%)	9 (1.4%)	2 (0.6%)	3 (1.1%)
40-44	65 (3.9%)	27 (2.6%)	13 (2.1%)	3 (0.9%)	3 (1.1%)
45-49	76 (4.6%)	39 (3.7%)	29 (4.6%)	4 (1.2%)	11 (4.0%)
50-54	122 (7.3%)	50 (4.7%)	36 (5.7%)	14 (4.3%)	9 (3.3%)
55-59	146 (8.8%)	74 (7.0%)	59 (9.4%)	20 (6.1%)	12 (4.4%)
60-64	181 (10.9%)	120 (11.4%)	81 (12.9%)	37 (11.3%)	27 (9.9%)
65-69	206 (12.4%)	109 (10.3%)	107 (17.1%)	35 (10.7%)	26 (9.5%)
70-74	216 (13.0%)	152 (14.4%)	106 (16.9%)	48 (14.7%)	36 (13.1%)
75-79	230 (13.8%)	159 (15.0%)	82 (13.1%)	67 (20.5%)	47 (17.2%)
80-84	182 (11.0%)	121 (11.4%)	51 (8.1%)	43 (13.1%)	37 (13.5%)
85 and over	179 (10.8%)	117 (11.1%)	49 (7.8%)	52 (15.9%)	46 (16.8%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT², KELANTAN, 2024



Notes:
1) ¹The analysis is based on medically certified deaths
2) ² Jajahan

NUMBER OF DEATHS, MELAKA, 2024



MELAKA



3,597 (57.2%)



6,286
deaths



2,689 (42.8%)

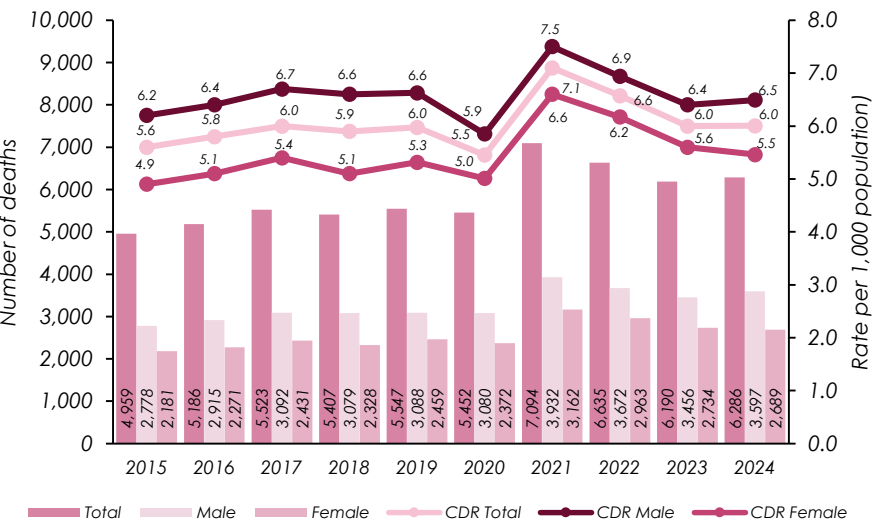
AVERAGE

1 death per hour

17 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
MELAKA, 2015-2024

The number of deaths in 2024 increased **1.6 per cent**
(96 deaths) as compared to 2023 (6,190 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
Melaka in 2024

13.6%



**Ischaemic
heart diseases**

16.5%



Pneumonia

11.2%



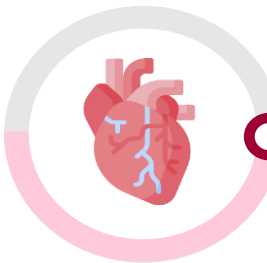
Ectopic pregnancy
was the principal
causes of death for
maternal

100.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, MELAKA, 2024

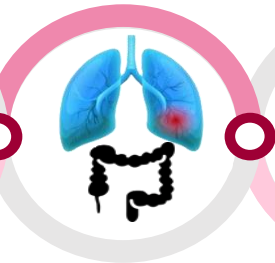
**1 Diseases of the
circulatory system**

21.0%



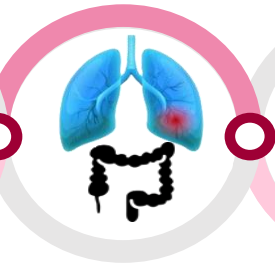
**3 Diseases of the
respiratory system**

15.2%



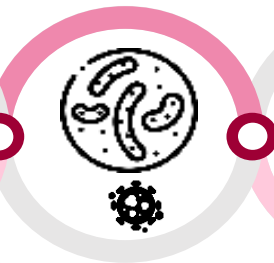
2 Neoplasms

15.2%



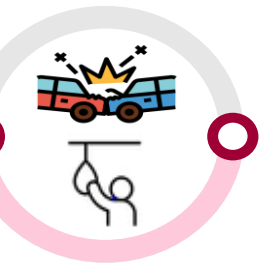
**4 Certain infectious
or parasitic diseases**

9.5%



**5 External causes of
morbidity or mortality**

8.5%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, MELAKA, 2024



Malay (2,246 deaths)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	10.2%
3	Transport accidents	5.9%
4	Diabetes mellitus	4.8%
5	Kidney failure	3.3%



Other Bumiputera (15 deaths)

1	Ischaemic heart diseases	20.0%
2	Intracranial haemorrhage	13.3%
3	Asthma	6.7%
4	Chronic obstructive pulmonary diseases	6.7%
5	Diabetes mellitus	6.7%



Chinese (902 deaths)

1	Ischaemic heart diseases	13.2%
2	Pneumonia	11.8%
3	Intracranial haemorrhage	4.0%
4	Kidney failure	3.4%
5	Malignant neoplasm of bronchus or lung	3.3%

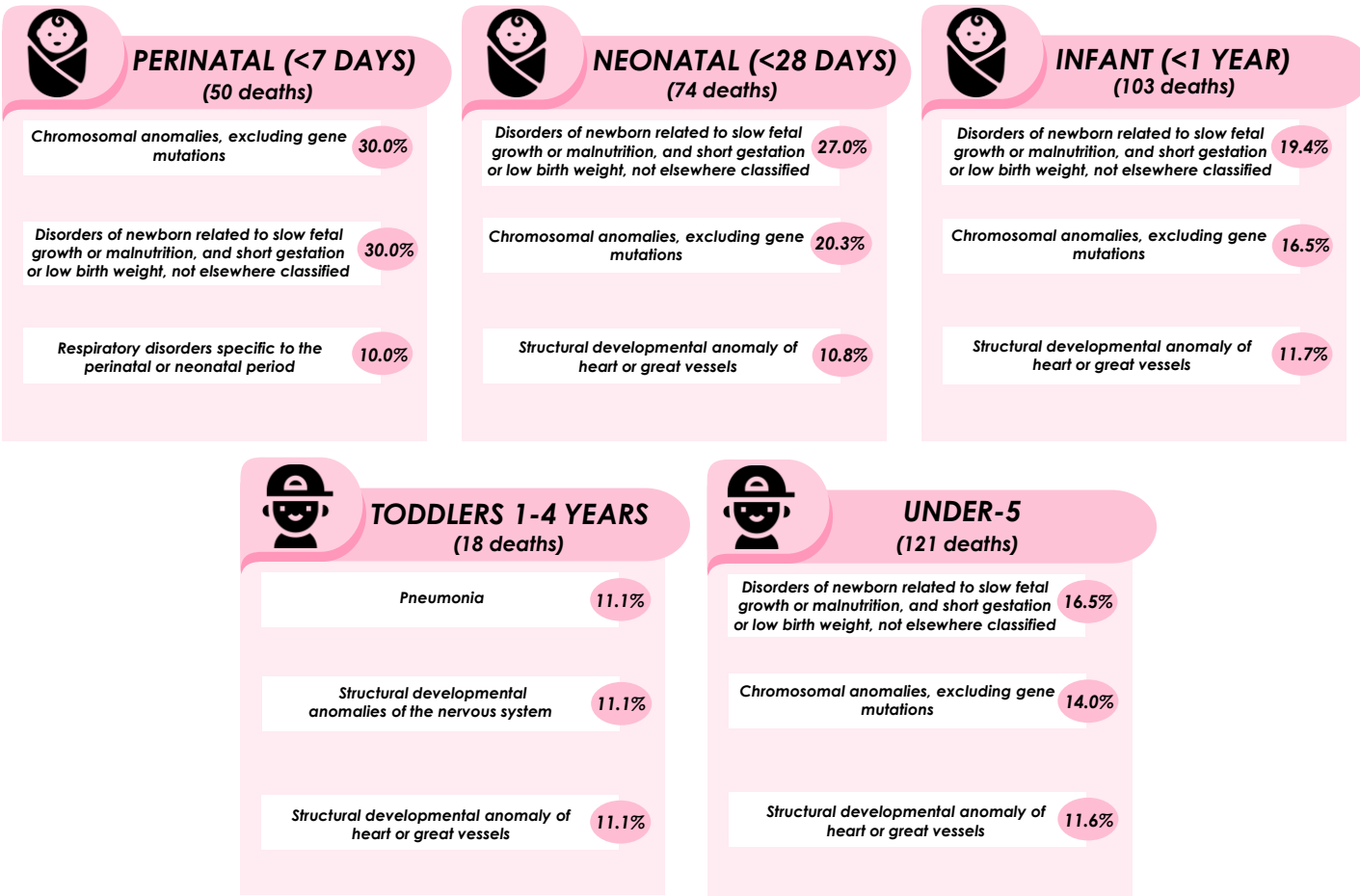


Indians (271 deaths)

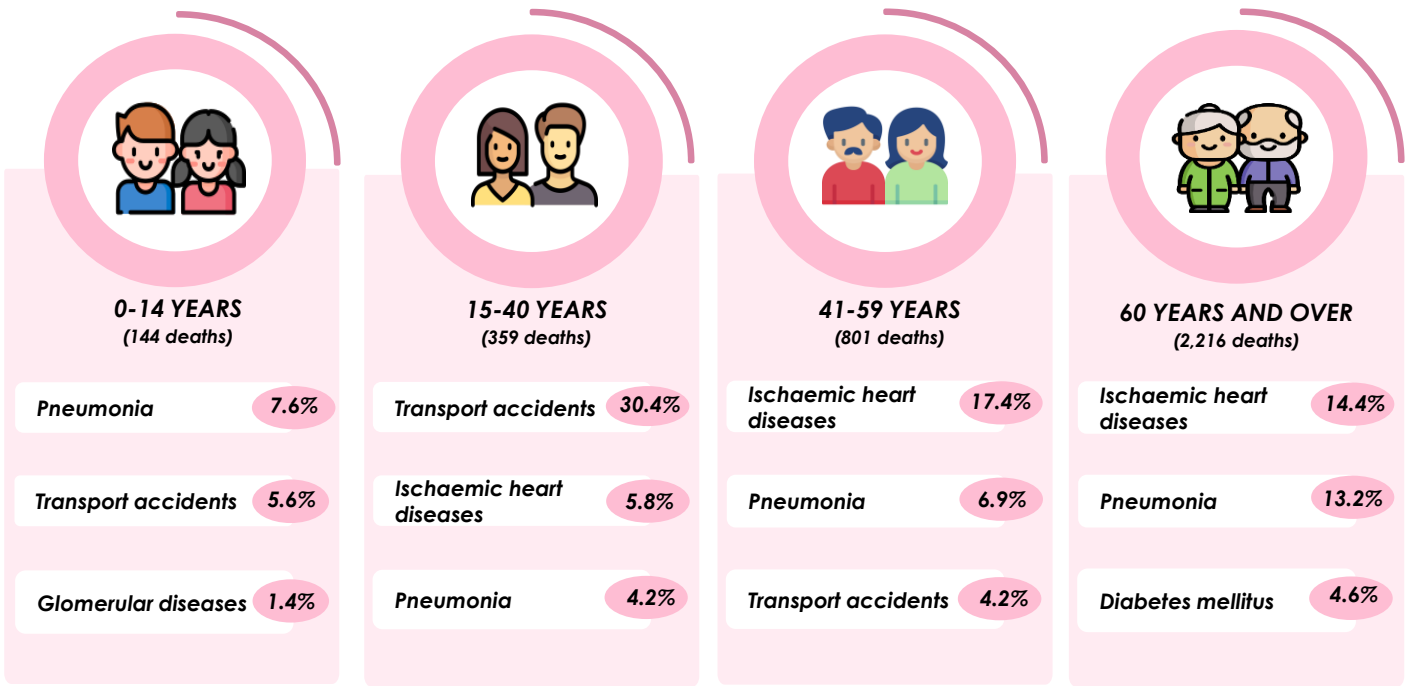
1	Ischaemic heart diseases	20.3%
2	Pneumonia	10.0%
3	Transport accidents	8.1%
4	Kidney failure	4.4%
5	Intentional self-harm	3.0%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, MELAKA, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, MELAKA, 2024

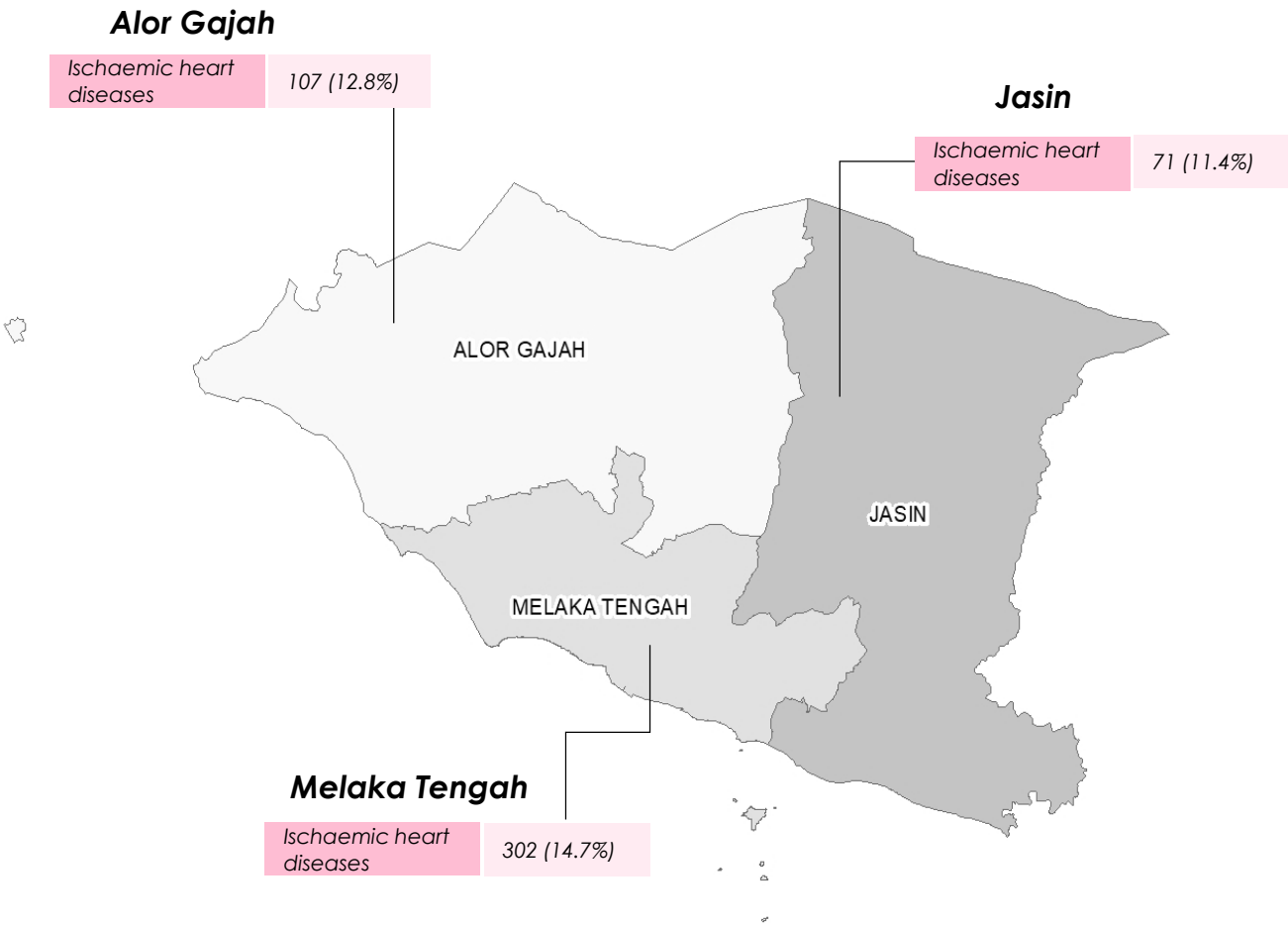


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
MELAKA, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Transport accidents	Diabetes mellitus	Kidney failure
Total	480	373	183	135	116
0	-	6 (1.6%)	-	-	-
1-4	-	2 (0.5%)	2 (1.1%)	-	-
5-9	1 (0.2%)	-	2 (1.1%)	-	-
10-14	-	3 (0.8%)	4 (2.2%)	-	1 (0.9%)
15-19	-	-	33 (18.0%)	-	-
20-24	-	2 (0.5%)	31 (16.9%)	-	-
25-29	4 (0.8%)	4 (1.1%)	19 (10.4%)	2 (1.5%)	-
30-34	5 (1.0%)	3 (0.8%)	15 (8.2%)	1 (0.7%)	2 (1.7%)
35-39	11 (2.3%)	5 (1.3%)	8 (4.4%)	4 (3.0%)	1 (0.9%)
40-44	22 (4.6%)	9 (2.4%)	11 (6.0%)	5 (3.7%)	1 (0.9%)
45-49	24 (5.0%)	15 (4.0%)	9 (4.9%)	6 (4.4%)	4 (3.4%)
50-54	43 (9.0%)	9 (2.4%)	10 (5.5%)	7 (5.2%)	2 (1.7%)
55-59	51 (10.6%)	23 (6.2%)	7 (3.8%)	8 (5.9%)	8 (6.9%)
60-64	64 (13.3%)	33 (8.8%)	7 (3.8%)	14 (10.4%)	14 (12.1%)
65-69	70 (14.6%)	49 (13.1%)	8 (4.4%)	14 (10.4%)	28 (24.1%)
70-74	76 (15.8%)	43 (11.5%)	8 (4.4%)	18 (13.3%)	12 (10.3%)
75-79	48 (10.0%)	62 (16.6%)	5 (2.7%)	23 (17.0%)	14 (12.1%)
80-84	31 (6.5%)	50 (13.4%)	3 (1.6%)	14 (10.4%)	19 (16.4%)
85 and over	30 (6.3%)	55 (14.7%)	1 (0.5%)	19 (14.1%)	10 (8.6%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, MELAKA, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, NEGERI SEMBILAN, 2024



NEGERI SEMBILAN



4,985 (57.4%)



8,686
deaths



3,701 (42.6%)

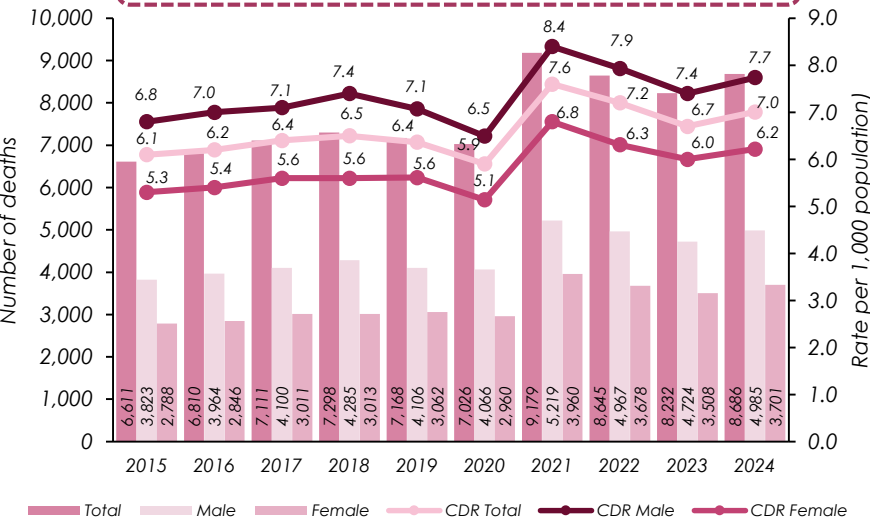
AVERAGE

1 death per hour

24 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
NEGERI SEMBILAN, 2015-2024

The number of deaths in 2024 increased **5.5 per cent**
(454 deaths) as compared to 2023 (8,232 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
12.8% Negeri Sembilan in 2024



**Ischaemic
heart diseases**

15.4%



**Diabetes
mellitus**

12.4%



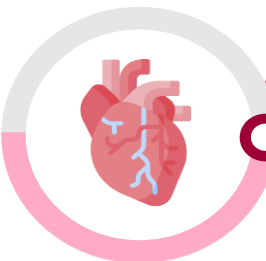
**Oedema, proteinuria, or
hypertensive disorders in
pregnancy, childbirth, or
the puerperium**
was the principal
causes of death for
maternal

40.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER,
NEGERI SEMBILAN, 2024

**1 Diseases of the
circulatory system**

20.4%



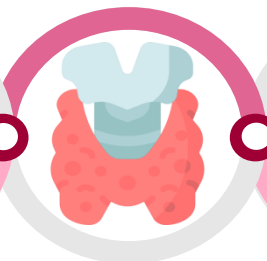
**3 Diseases of the
respiratory system**

12.7%



**5 Certain infectious
or parasitic diseases**

8.1%



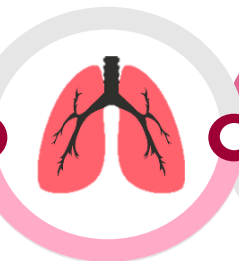
2 Neoplasms

14.5%



**4 Endocrine, nutritional
or metabolic diseases**

12.6%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, NEGERI SEMBILAN, 2024



Malay (3,712 deaths)

1	Diabetes mellitus	12.3%
2	Ischaemic heart diseases	11.5%
3	Pneumonia	8.5%
4	Transport accidents	4.1%
5	Kidney failure	2.8%



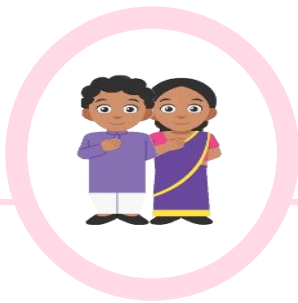
Other Bumiputera (91 deaths)

1	Ischaemic heart diseases	16.5%
2	Pneumonia	7.7%
3	Cerebral ischaemia	3.3%
4	Diabetes mellitus	3.3%
5	Transport accidents	3.3%



Chinese (1,426 deaths)

1	Ischaemic heart diseases	11.8%
2	Pneumonia	8.1%
3	Diabetes mellitus	7.9%
4	Malignant neoplasm of bronchus or lung	3.1%
5	Stroke not known if ischaemic or haemorrhagic	3.1%

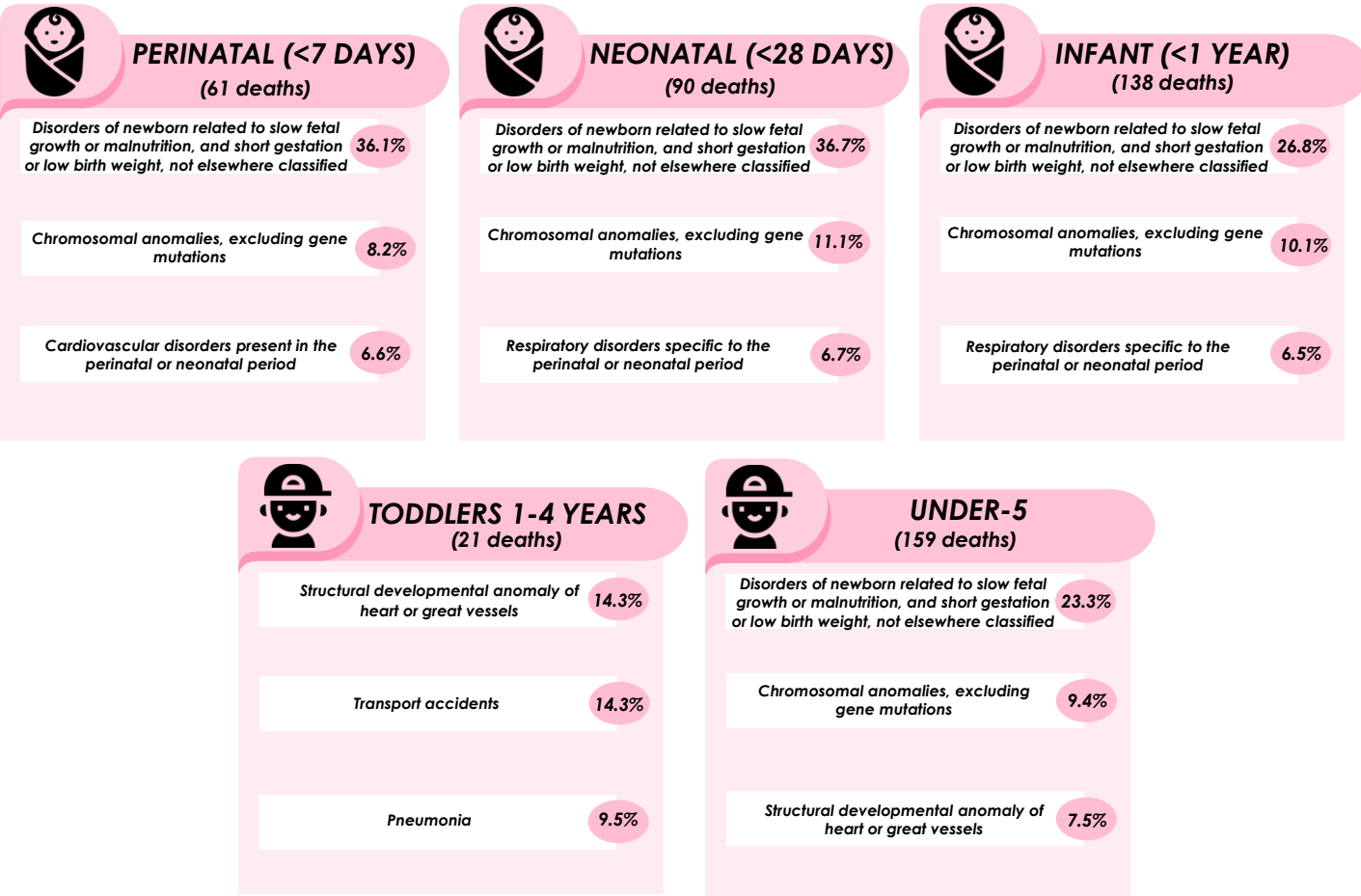


Indians (1,068 deaths)

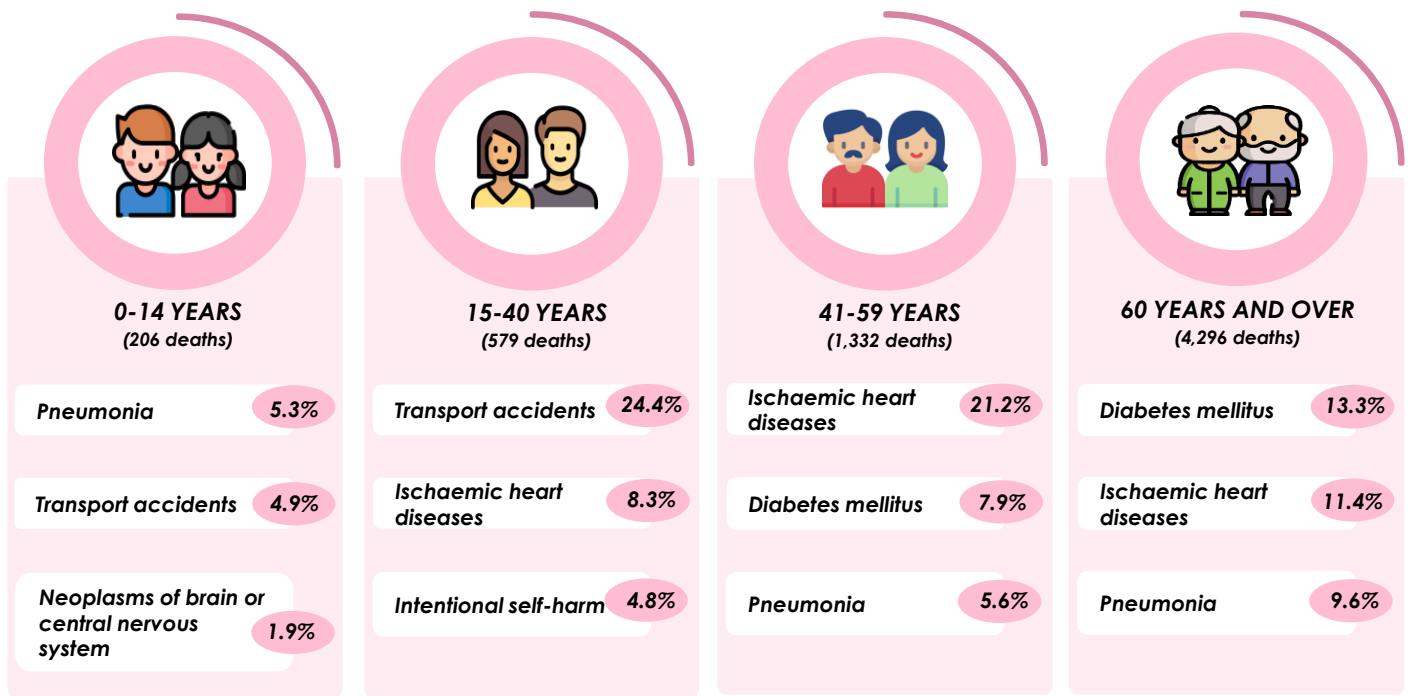
1	Ischaemic heart diseases	18.4%
2	Diabetes mellitus	9.3%
3	Pneumonia	7.5%
4	Transport accidents	4.7%
5	Intentional self-harm	1.9%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, NEGERI SEMBILAN, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, NEGERI SEMBILAN, 2024

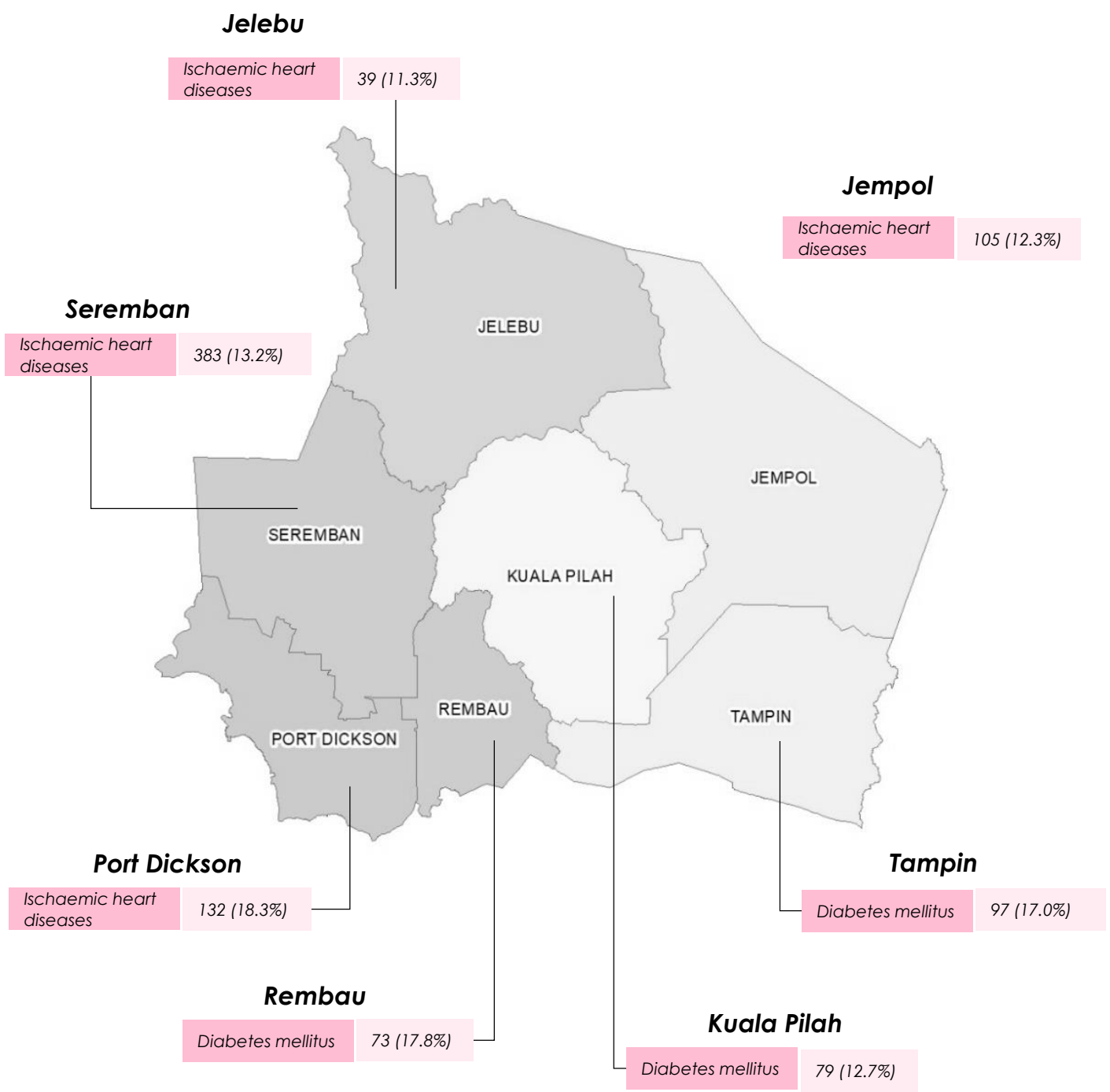


Note: ¹The analysis is based on medically certified deaths

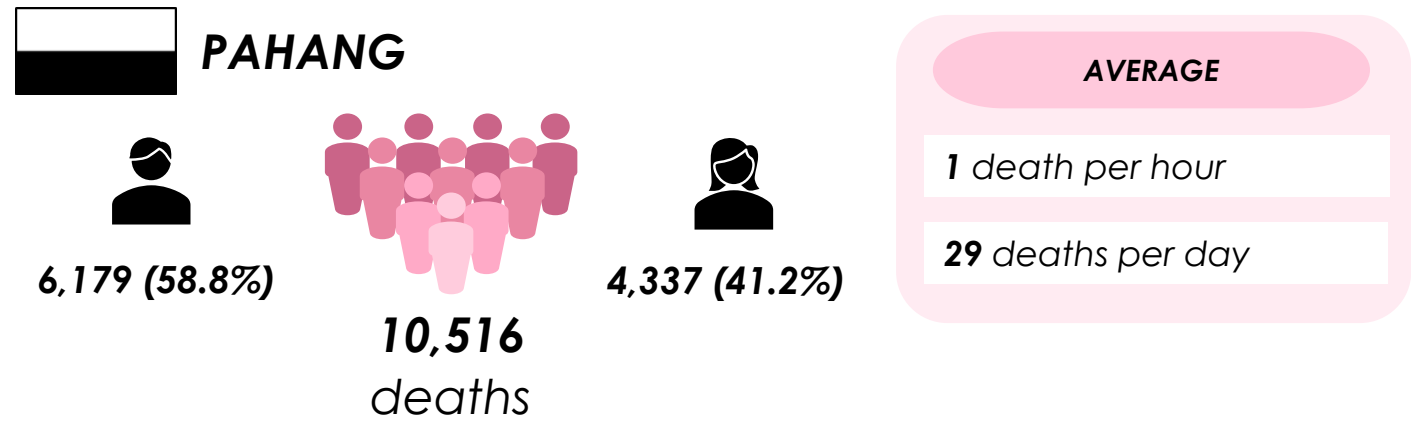
SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
NEGERI SEMBILAN, 2024

Age group (Years)	Ischaemic heart diseases	Diabetes mellitus	Pneumonia	Transport accidents	Stroke not known if ischaemic or haemorrhagic
Total	820	683	521	239	161
0	-	-	6 (1.2%)	-	-
1-4	-	-	2 (0.4%)	3 (1.3%)	-
5-9	-	-	2 (0.4%)	-	-
10-14	-	-	1 (0.2%)	7 (2.9%)	-
15-19	-	-	4 (0.8%)	30 (12.6%)	-
20-24	3 (0.4%)	1 (0.1%)	4 (0.8%)	43 (18.0%)	-
25-29	3 (0.4%)	-	4 (0.8%)	25 (10.5%)	-
30-34	11 (1.3%)	2 (0.3%)	3 (0.6%)	18 (7.5%)	-
35-39	22 (2.7%)	5 (0.7%)	7 (1.3%)	23 (9.6%)	4 (2.5%)
40-44	43 (5.2%)	8 (1.2%)	17 (3.3%)	17 (7.1%)	1 (0.6%)
45-49	68 (8.3%)	16 (2.3%)	12 (2.3%)	9 (3.8%)	3 (1.9%)
50-54	77 (9.4%)	29 (4.2%)	12 (2.3%)	8 (3.3%)	-
55-59	103 (12.6%)	52 (7.6%)	35 (6.7%)	8 (3.3%)	8 (5.0%)
60-64	97 (11.8%)	83 (12.2%)	50 (9.6%)	9 (3.8%)	20 (12.4%)
65-69	103 (12.6%)	93 (13.6%)	54 (10.4%)	15 (6.3%)	14 (8.7%)
70-74	92 (11.2%)	108 (15.8%)	73 (14.0%)	10 (4.2%)	26 (16.1%)
75-79	78 (9.5%)	103 (15.1%)	68 (13.1%)	8 (3.3%)	20 (12.4%)
80-84	57 (7.0%)	81 (11.9%)	73 (14.0%)	2 (0.8%)	28 (17.4%)
85 and over	63 (7.7%)	102 (14.9%)	94 (18.0%)	4 (1.7%)	37 (23.0%)

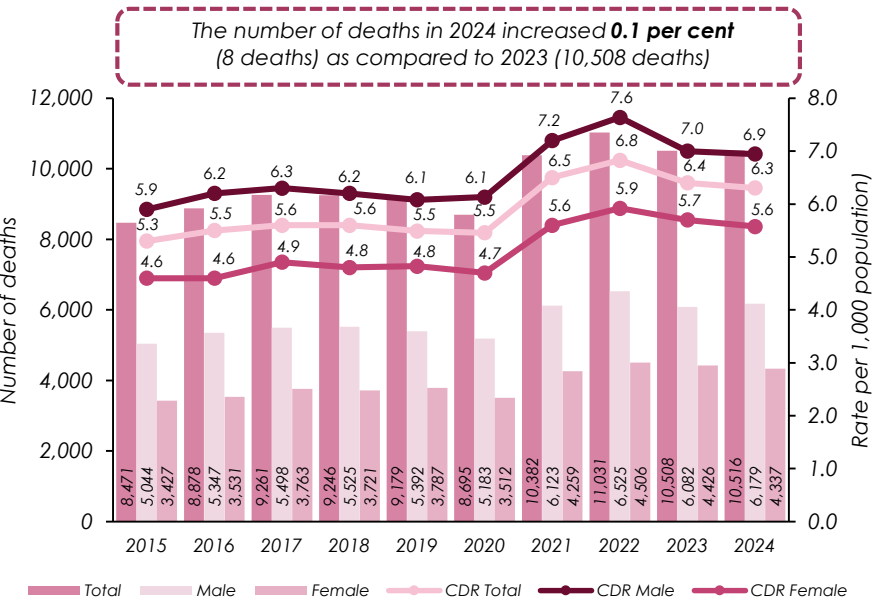
CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, NEGERI SEMBILAN, 2024



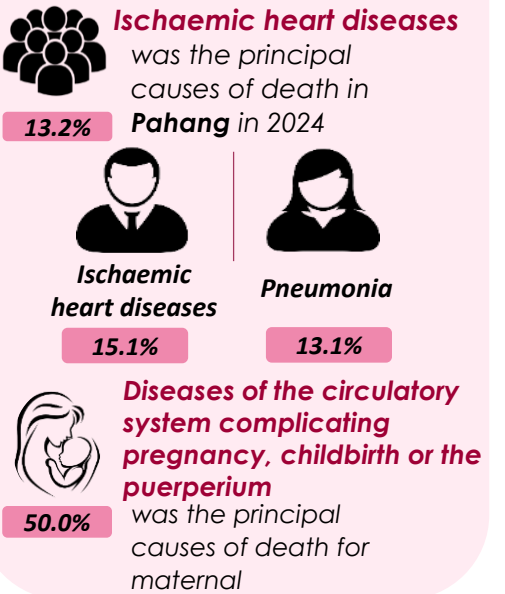
NUMBER OF DEATHS, PAHANG, 2024



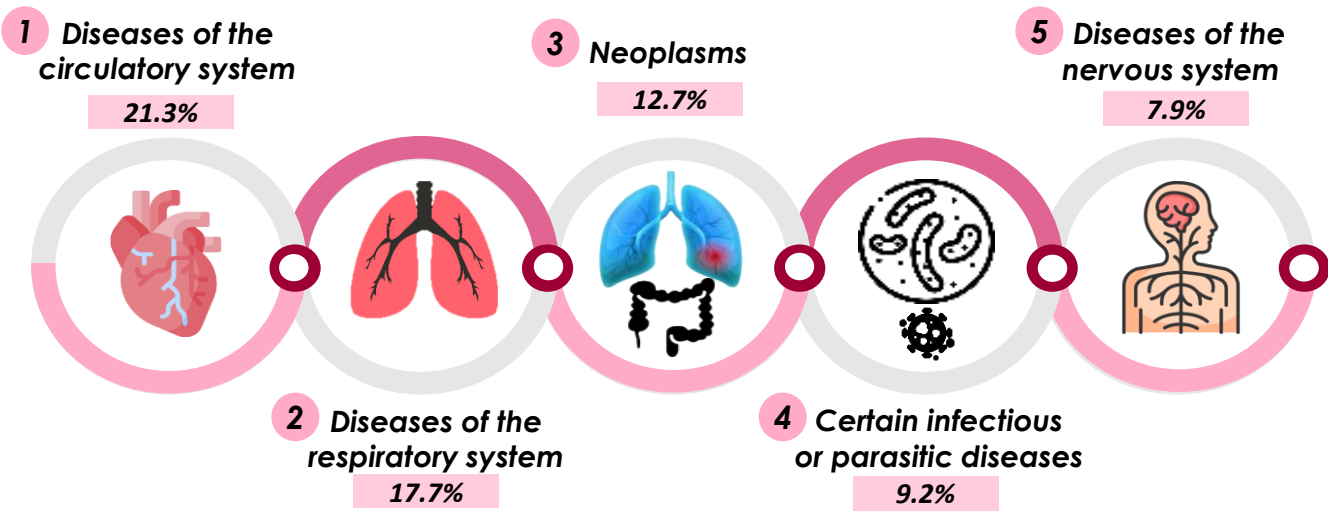
TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PAHANG, 2015-2024



THE PRINCIPAL CAUSES OF DEATH¹



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, PAHANG, 2024



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, PAHANG, 2024



Malay (5,115 deaths)

1	Ischaemic heart diseases	12.8%
2	Pneumonia	12.8%
3	Diabetes mellitus	5.4%
4	Transport accidents	4.2%
5	Kidney failure	3.3%



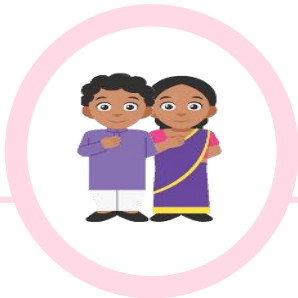
Other Bumiputera (388 deaths)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	7.2%
3	Transport accidents	4.4%
4	Intracranial haemorrhage	2.3%
5	Kidney failure	2.3%



Chinese (1,224 deaths)

1	Ischaemic heart diseases	14.4%
2	Pneumonia	12.3%
3	Diabetes mellitus	3.2%
4	Malignant neoplasms of bronchus or lung	2.9%
5	Transport accidents	2.9%

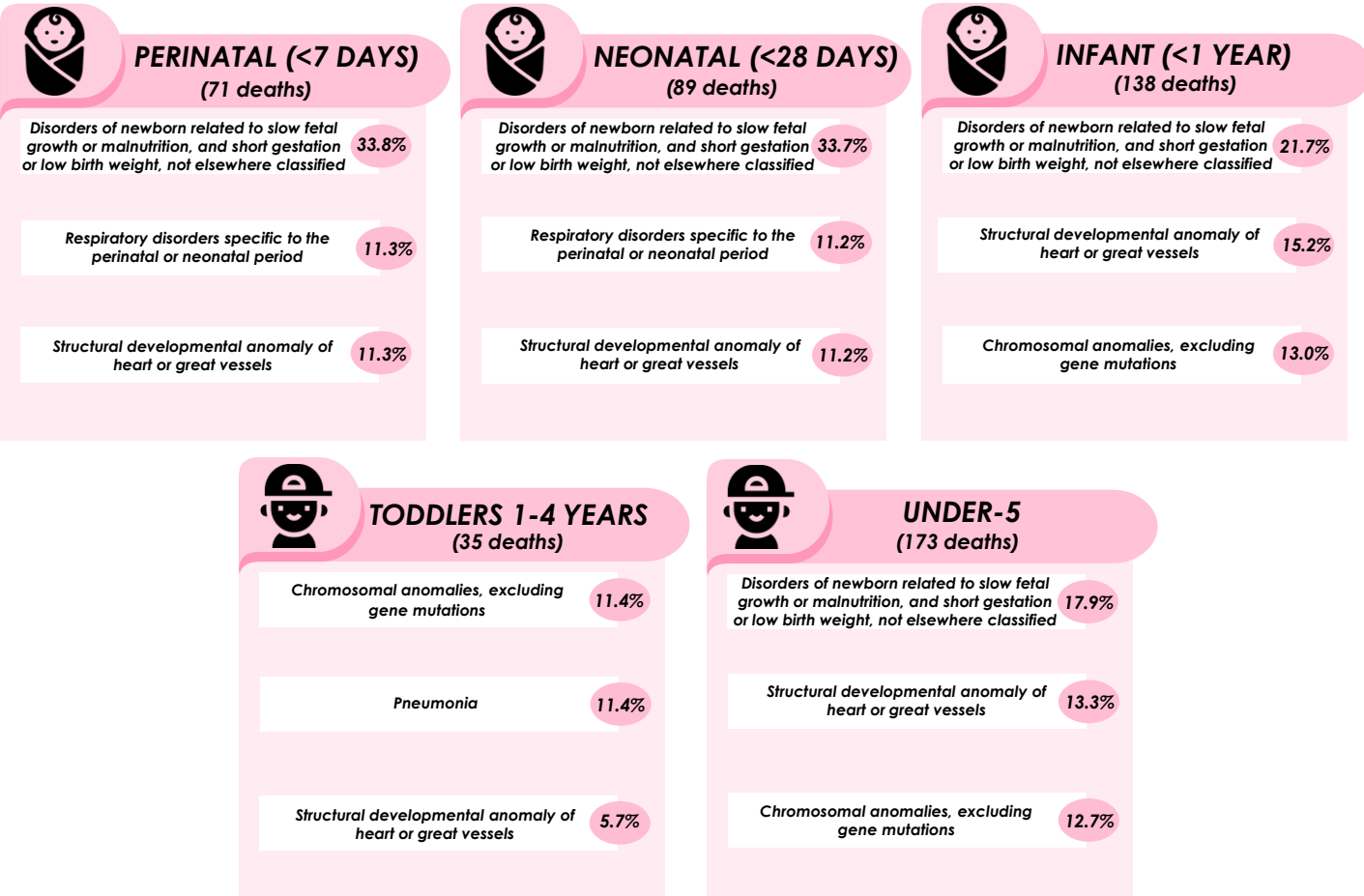


Indians (339 deaths)

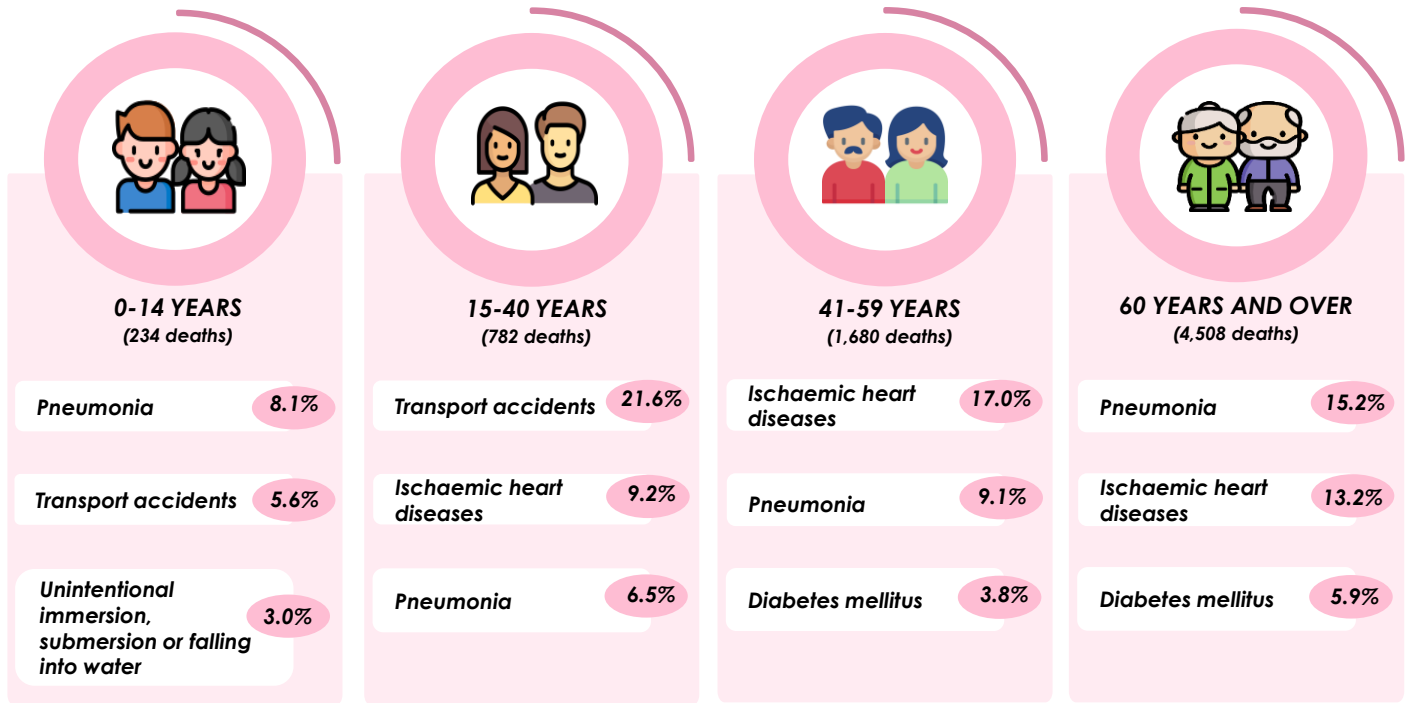
1	Ischaemic heart diseases	21.8%
2	Pneumonia	8.6%
3	Diabetes mellitus	5.3%
4	Transport accidents	4.7%
5	Kidney failure	2.7%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PAHANG, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PAHANG, 2024

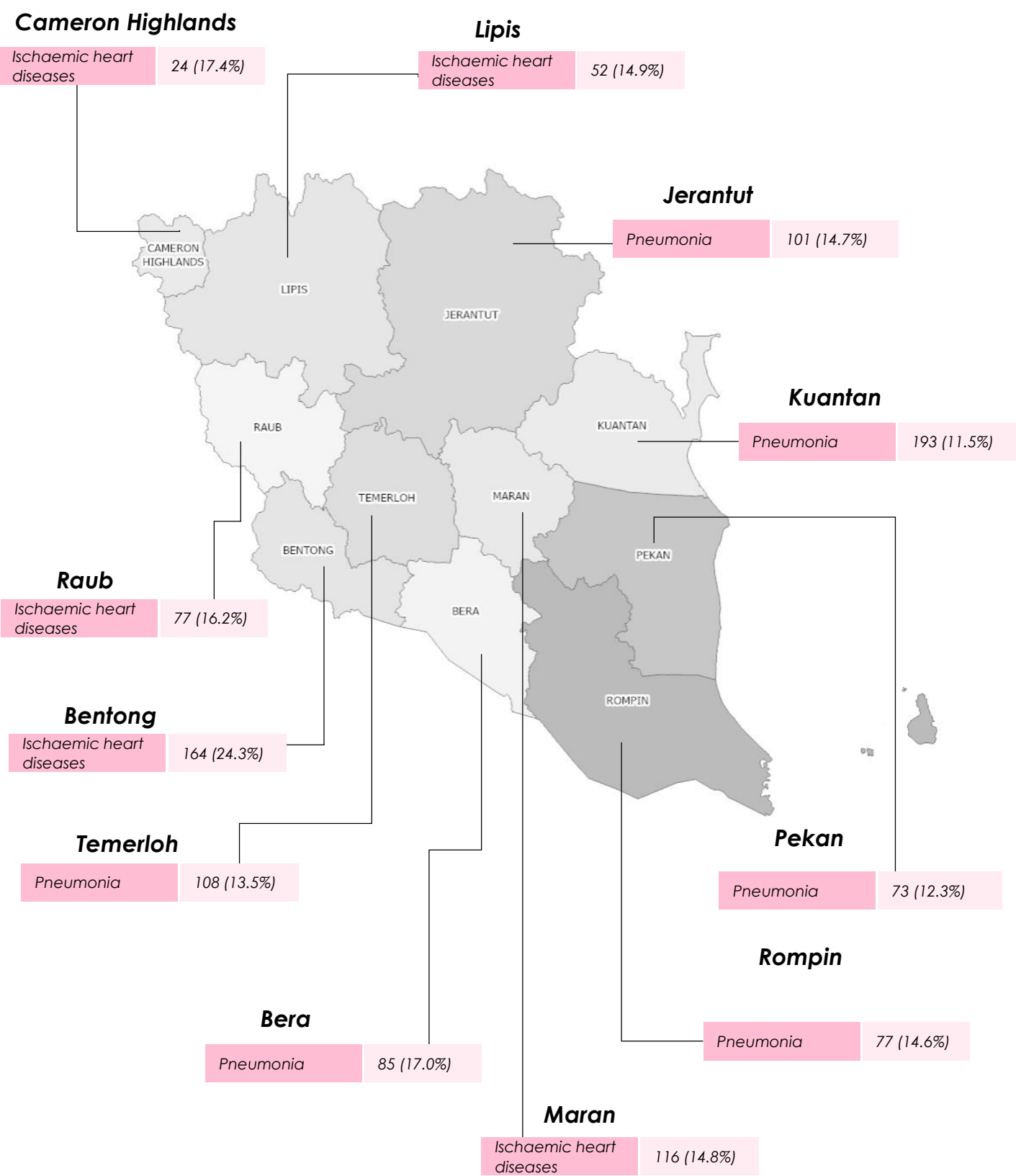


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
PAHANG, 2024

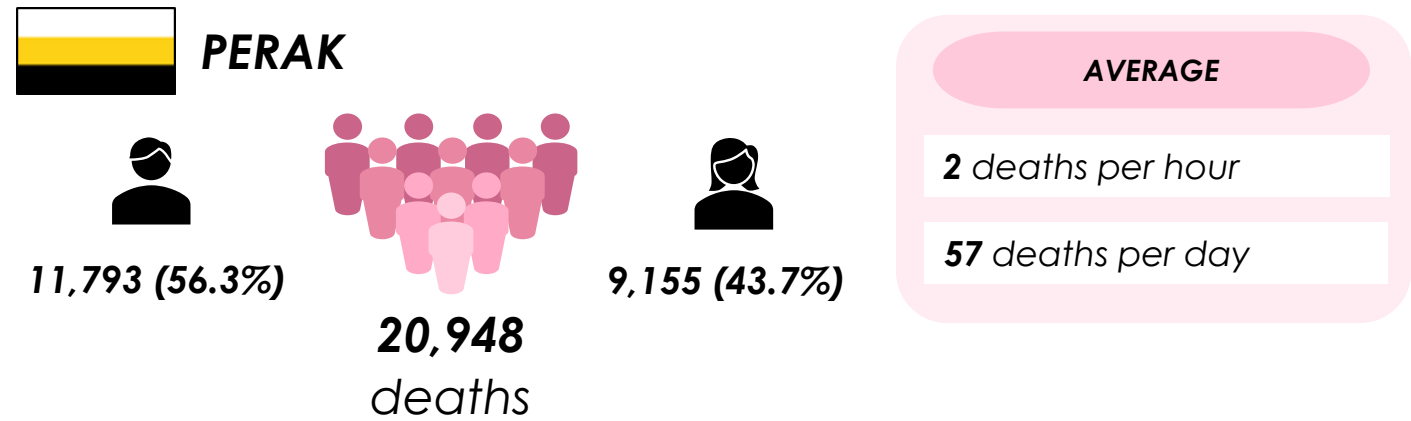
Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Total	953	908	339	290	223
0	-	10 (1.1%)	-	-	-
1-4	-	4 (0.4%)	-	2 (0.7%)	-
5-9	-	1 (0.1%)	-	-	-
10-14	-	4 (0.4%)	-	11 (3.8%)	1 (0.4%)
15-19	-	4 (0.4%)	-	36 (12.4%)	-
20-24	1 (0.1%)	4 (0.4%)	1 (0.3%)	51 (17.6%)	2 (0.9%)
25-29	3 (0.3%)	10 (1.1%)	1 (0.3%)	25 (8.6%)	2 (0.9%)
30-34	14 (1.5%)	11 (1.2%)	2 (0.6%)	29 (10.0%)	4 (1.8%)
35-39	41 (4.3%)	20 (2.2%)	6 (1.8%)	25 (8.6%)	5 (2.2%)
40-44	61 (6.4%)	22 (2.4%)	5 (1.5%)	18 (6.2%)	11 (4.9%)
45-49	73 (7.7%)	36 (4.0%)	15 (4.4%)	13 (4.5%)	12 (5.4%)
50-54	79 (8.3%)	52 (5.7%)	17 (5.0%)	18 (6.2%)	17 (7.6%)
55-59	85 (8.9%)	45 (5.0%)	27 (8.0%)	14 (4.8%)	17 (7.6%)
60-64	125 (13.1%)	92 (10.1%)	33 (9.7%)	9 (3.1%)	25 (11.2%)
65-69	99 (10.4%)	98 (10.8%)	56 (16.5%)	12 (4.1%)	29 (13.0%)
70-74	132 (13.9%)	156 (17.2%)	49 (14.5%)	12 (4.1%)	29 (13.0%)
75-79	90 (9.4%)	113 (12.4%)	55 (16.2%)	9 (3.1%)	32 (14.3%)
80-84	78 (8.2%)	103 (11.3%)	29 (8.6%)	4 (1.4%)	22 (9.9%)
85 and over	72 (7.6%)	123 (13.5%)	43 (12.7%)	2 (0.7%)	15 (6.7%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, PAHANG, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, PERAK, 2024



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, PERAK, 2024



Malay (6,161 deaths)

1	Pneumonia	14.3%
2	Ischaemic heart diseases	11.3%
3	Transport accidents	4.1%
4	Diabetes mellitus	3.1%
5	Intracranial haemorrhage	2.8%



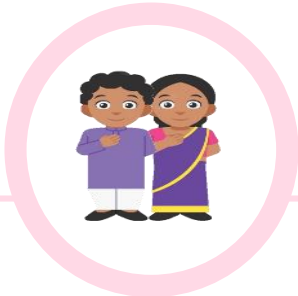
Other Bumiputera (224 deaths)

1	Pneumonia	15.2%
2	Ischaemic heart diseases	7.1%
3	Transport accidents	7.1%
4	Intracranial haemorrhage	5.4%
5	Tuberculosis of the respiratory system	2.2%



Chinese (3,502 deaths)

1	Pneumonia	15.2%
2	Ischaemic heart diseases	9.6%
3	Intracranial haemorrhage	3.5%
4	Malignant neoplasms of bronchus or lung	3.1%
5	Kidney failure	2.9%

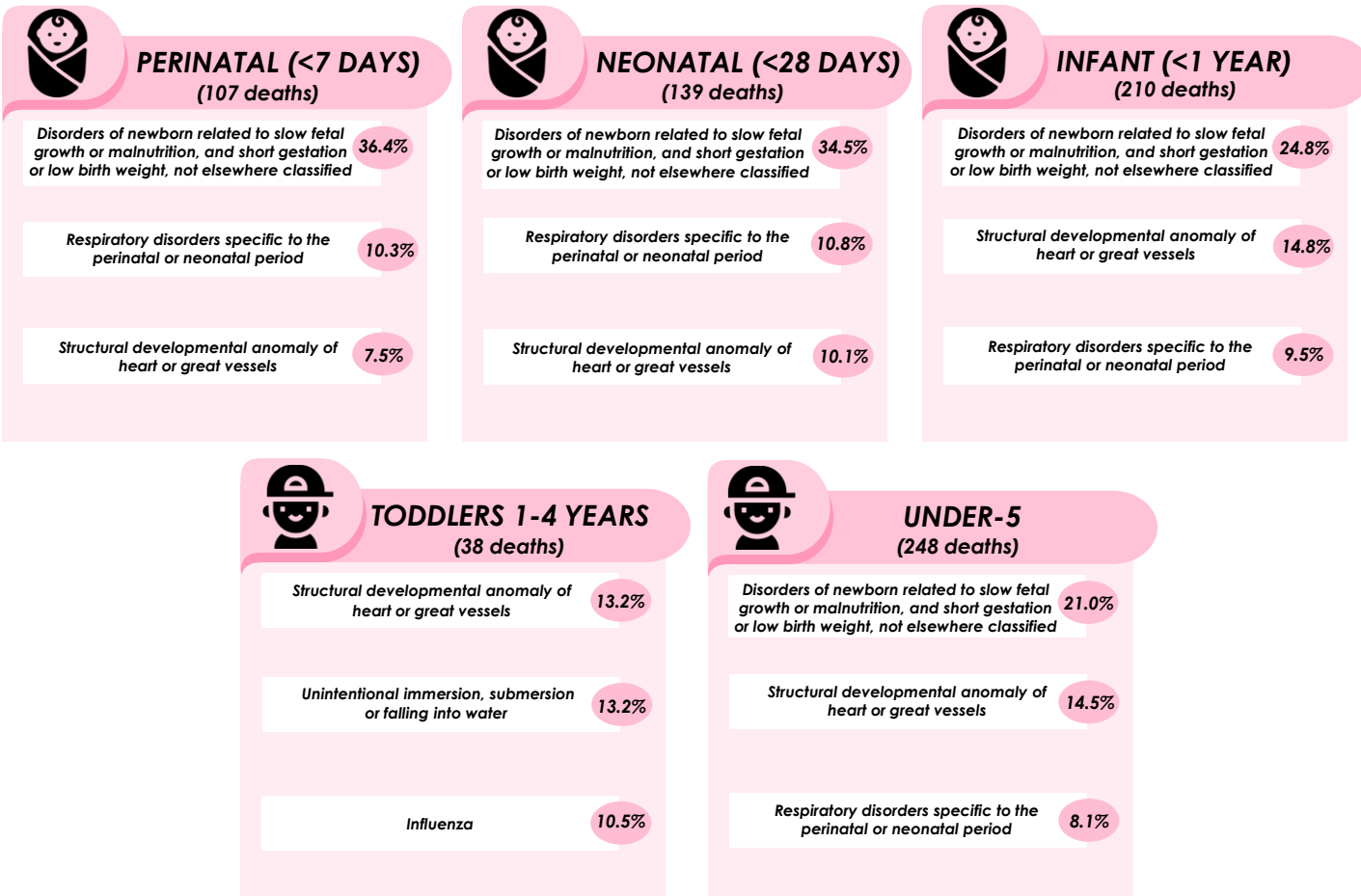


Indians (1,756 deaths)

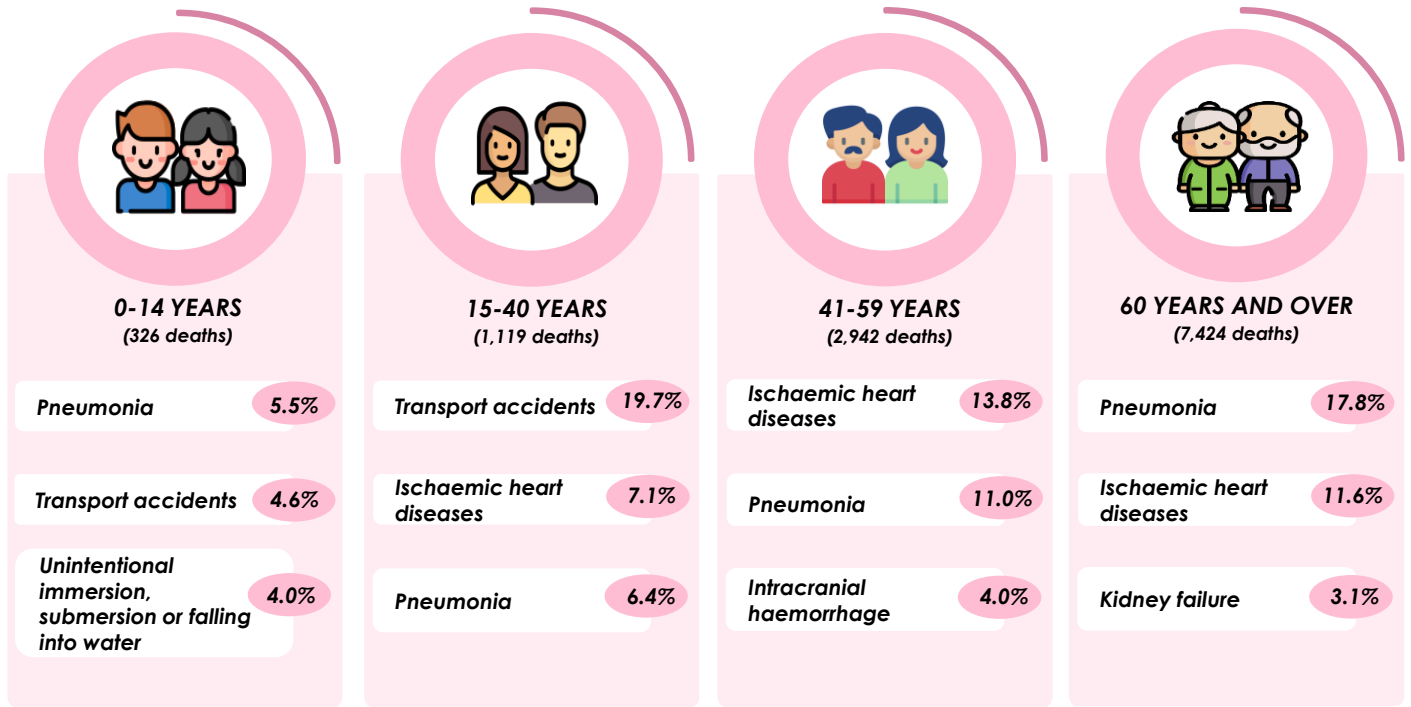
1	Ischaemic heart diseases	16.1%
2	Pneumonia	14.9%
3	Transport accidents	3.6%
4	Kidney failure	2.4%
5	Diabetes mellitus	2.2%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PERAK, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PERAK, 2024

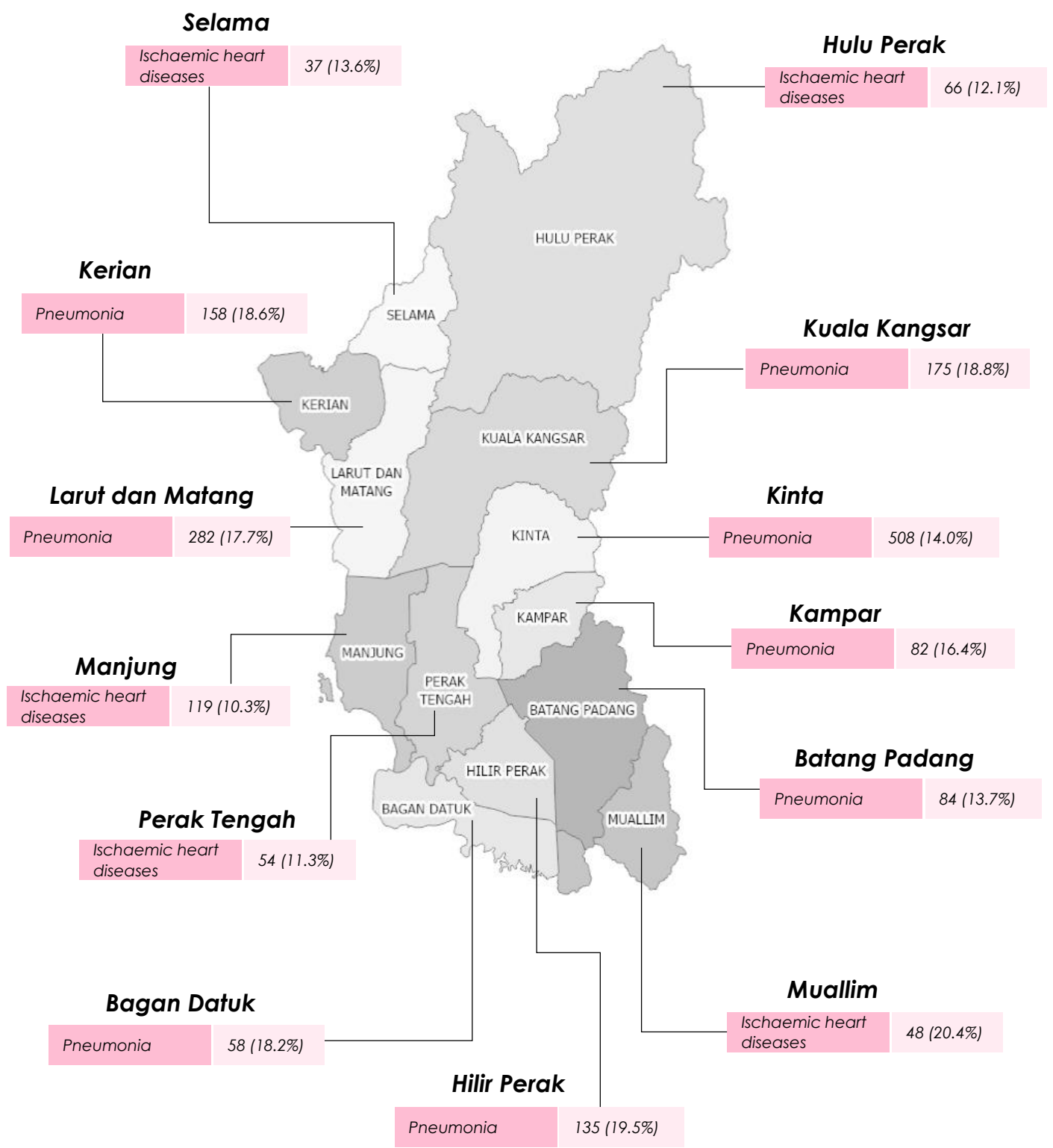


Note: ¹The analysis is based on medically certified deaths

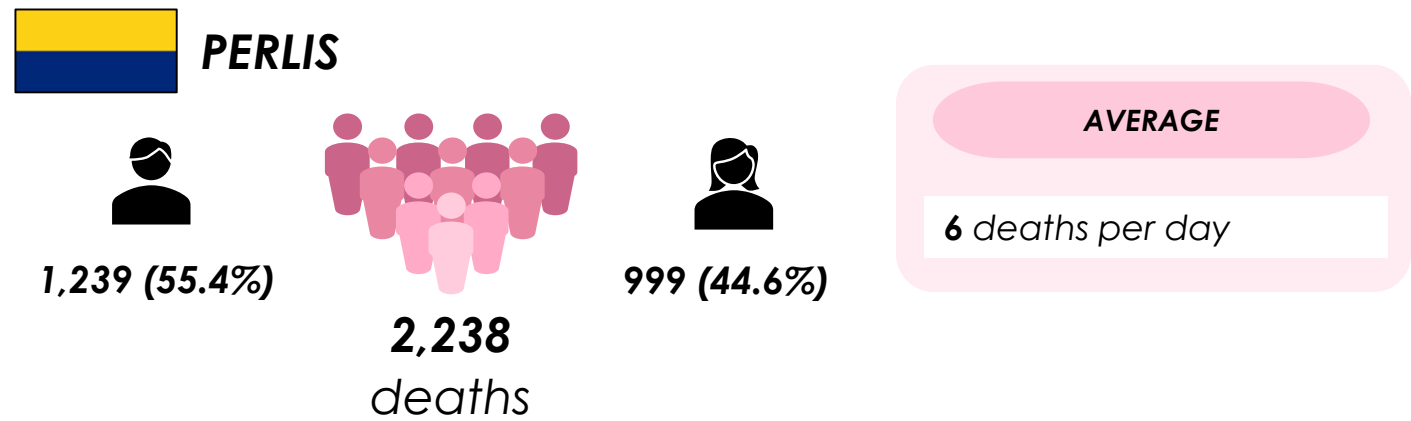
SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
PERAK, 2024

Age group (Years)	Pneumonia	Ischaemic heart diseases	Transport accidents	Intracranial haemorrhage	Kidney failure
Total	1,738	1,349	410	337	319
0	12 (0.7%)	-	3 (0.7%)	1 (0.3%)	-
1-4	2 (0.1%)	-	4 (1.0%)	-	-
5-9	2 (0.1%)	-	2 (0.5%)	-	-
10-14	2 (0.1%)	-	6 (1.5%)	-	-
15-19	5 (0.3%)	3 (0.2%)	50 (12.2%)	2 (0.6%)	-
20-24	8 (0.5%)	6 (0.4%)	49 (12.0%)	1 (0.3%)	1 (0.3%)
25-29	9 (0.5%)	8 (0.6%)	50 (12.2%)	7 (2.1%)	3 (0.9%)
30-34	19 (1.1%)	19 (1.4%)	33 (8.0%)	4 (1.2%)	4 (1.3%)
35-39	24 (1.4%)	35 (2.6%)	35 (8.5%)	16 (4.7%)	4 (1.3%)
40-44	48 (2.8%)	60 (4.4%)	27 (6.6%)	20 (5.9%)	10 (3.1%)
45-49	59 (3.4%)	99 (7.3%)	20 (4.9%)	33 (9.8%)	11 (3.4%)
50-54	83 (4.8%)	116 (8.6%)	22 (5.4%)	29 (8.6%)	21 (6.6%)
55-59	141 (8.1%)	141 (10.5%)	23 (5.6%)	39 (11.6%)	32 (10.0%)
60-64	184 (10.6%)	185 (13.7%)	31 (7.6%)	24 (7.1%)	43 (13.5%)
65-69	188 (10.8%)	194 (14.4%)	18 (4.4%)	35 (10.4%)	24 (7.5%)
70-74	230 (13.2%)	162 (12.0%)	13 (3.2%)	44 (13.1%)	43 (13.5%)
75-79	231 (13.3%)	130 (9.6%)	10 (2.4%)	35 (10.4%)	39 (12.2%)
80-84	209 (12.0%)	93 (6.9%)	9 (2.2%)	19 (5.6%)	41 (12.9%)
85 and over	282 (16.2%)	98 (7.3%)	5 (1.2%)	28 (8.3%)	43 (13.5%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, PERAK, 2024



NUMBER OF DEATHS, PERLIS, 2024



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, PERLIS, 2024



Malay (1,551 deaths)

1	Ischaemic heart diseases	14.6%
2	Pneumonia	10.8%
3	Diabetes mellitus	6.8%
4	Stroke not known if ischaemic or haemorrhagic	5.1%
5	Kidney failure	3.1%



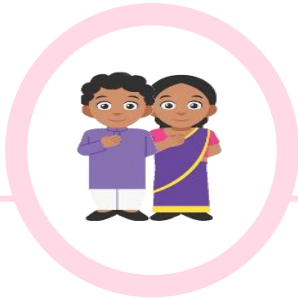
Other Bumiputera (0 deaths)

Note : No deaths recorded for Other Bumiputera.



Chinese (134 deaths)

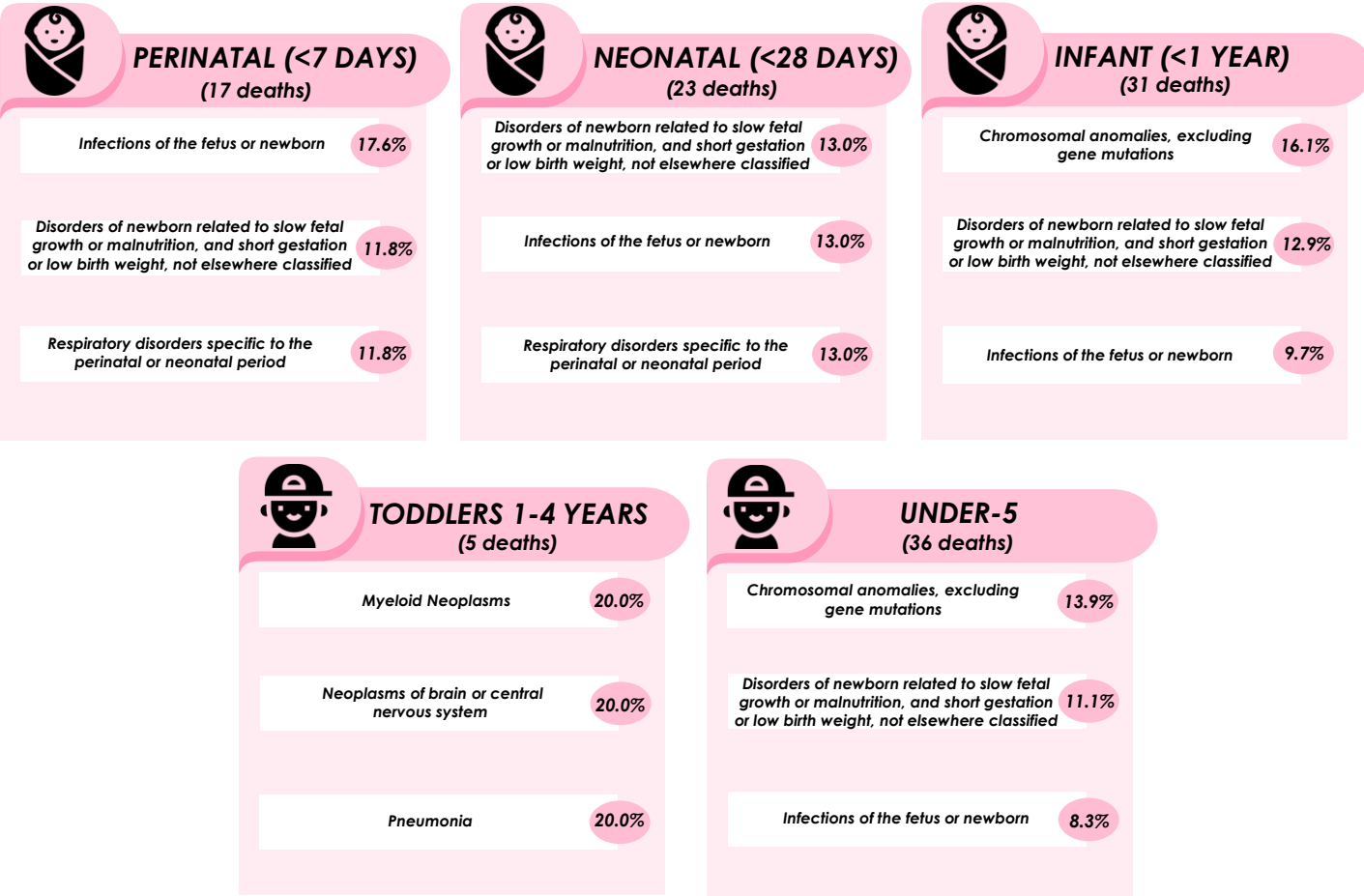
1	Pneumonia	11.9%
2	Ischaemic heart diseases	9.0%
3	Malignant neoplasms of breast	6.0%
4	Transport accidents	5.2%
5	Diabetes mellitus	4.5%



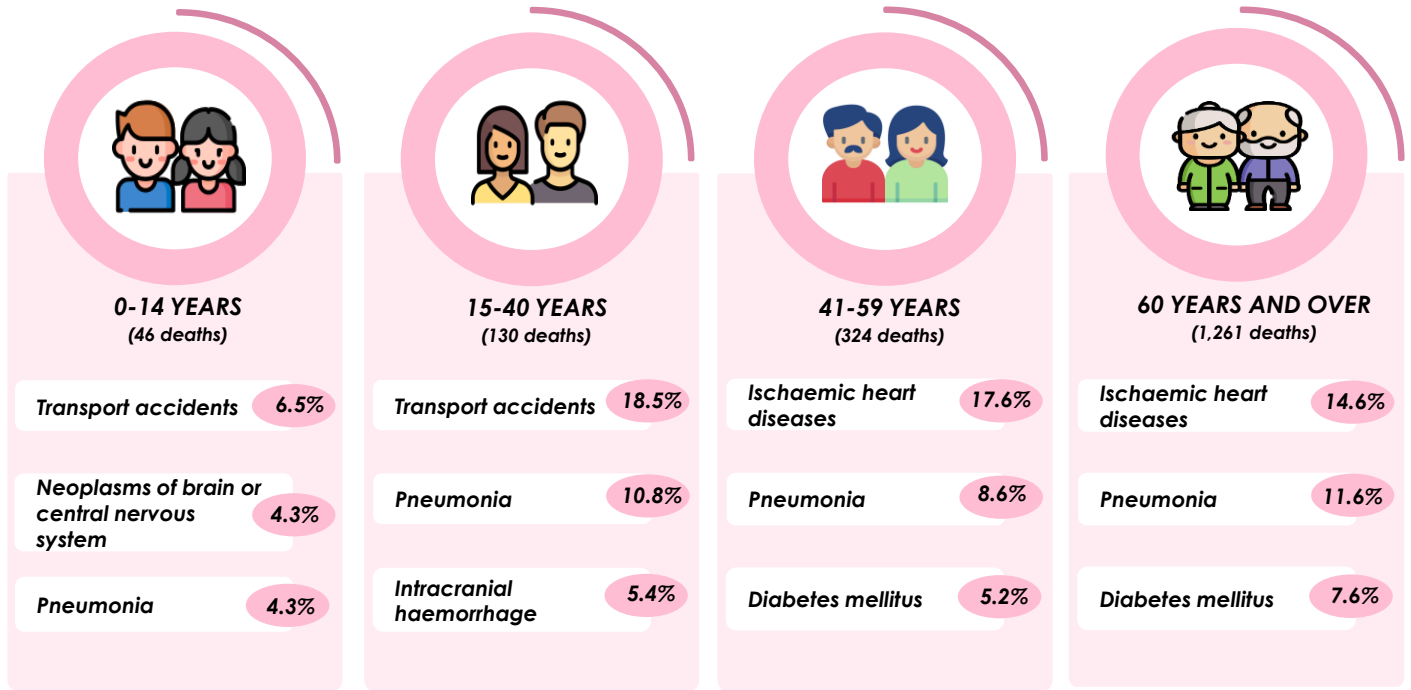
Indians (24 deaths)

1	Ischaemic heart diseases	16.7%
2	Pneumonia	12.5%
3	Metabolic disorders	8.3%
4	Asthma	4.2%
5	Cerebral ischaemia	4.2%

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PERLIS, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PERLIS, 2024



Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
PERLIS, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Kidney failure
Total	248	190	117	92	54
0	-	-	-	-	-
1-4	-	1 (0.5%)	-	-	-
5-9	-	-	-	-	-
10-14	-	1 (0.5%)	-	-	-
15-19	-	1 (0.5%)	-	-	-
20-24	-	1 (0.5%)	1 (0.9%)	-	2 (3.7%)
25-29	1 (0.4%)	1 (0.5%)	-	-	2 (3.7%)
30-34	2 (0.8%)	4 (2.1%)	1 (0.9%)	-	1 (1.9%)
35-39	4 (1.6%)	6 (3.2%)	2 (1.7%)	-	1 (1.9%)
40-44	5 (2.0%)	5 (2.6%)	3 (2.6%)	1 (1.1%)	-
45-49	13 (5.2%)	9 (4.7%)	1 (0.9%)	-	4 (7.4%)
50-54	18 (7.3%)	5 (2.6%)	3 (2.6%)	2 (2.2%)	3 (5.6%)
55-59	21 (8.5%)	10 (5.3%)	10 (8.5%)	3 (3.3%)	6 (11.1%)
60-64	33 (13.3%)	13 (6.8%)	12 (10.3%)	6 (6.5%)	5 (9.3%)
65-69	30 (12.1%)	19 (10.0%)	14 (12.0%)	6 (6.5%)	7 (13.0%)
70-74	26 (10.5%)	30 (15.8%)	20 (17.1%)	13 (14.1%)	4 (7.4%)
75-79	30 (12.1%)	28 (14.7%)	12 (10.3%)	18 (19.6%)	9 (16.7%)
80-84	33 (13.3%)	30 (15.8%)	18 (15.4%)	17 (18.5%)	7 (13.0%)
85 and over	32 (12.9%)	26 (13.7%)	20 (17.1%)	26 (28.3%)	3 (5.6%)

Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, PULAU PINANG, 2024



PULAU PINANG



7,112 (55.9%)



12,728
deaths



5,616 (44.1%)

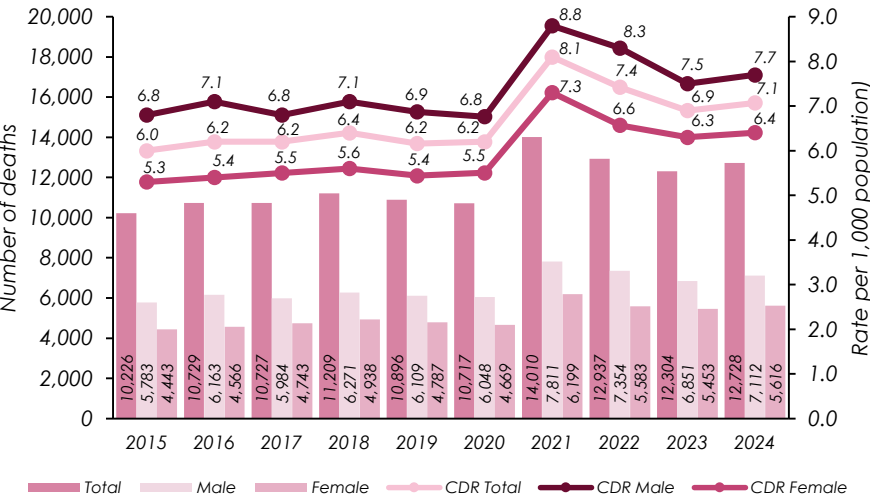
AVERAGE

1 death per hour

35 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
PULAU PINANG, 2015-2024

The number of deaths in 2024 increased **3.4 per cent**
(424 deaths) as compared to 2023 (12,304 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases

was the principal
causes of death in
Pulau Pinang in 2024

12.4%



Ischaemic
heart diseases

15.3%



Pneumonia

12.2%



Obstetric blood-clot
embolism

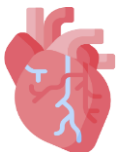
was the principal
causes of death for
maternal

66.7%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, PULAU PINANG, 2024

1 Diseases of the
circulatory system

21.1%



3 Neoplasms

15.1%



2 Diseases of the
respiratory system

16.0%



4 Certain infectious
and parasitic disease

8.3%



5 External causes of
morbidity or mortality

7.4%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, PULAU PINANG, 2024



Malay (3,434 deaths)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	10.4%
3	Diabetes mellitus	6.4%
4	Transport accidents	4.5%
5	Kidney failure	4.0%



Other Bumiputera (17 deaths)

1	Pneumonia	17.6%
2	Diabetes mellitus	11.8%
3	Intracranial haemorrhage	11.8%
4	Cerebral ischaemia	5.9%
5	Ischaemic heart diseases	5.9%



Chinese (4,327 deaths)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	10.8%
3	Kidney failure	3.7%
4	Diabetes mellitus	3.6%
5	Malignant neoplasms of bronchus or lung	3.3%

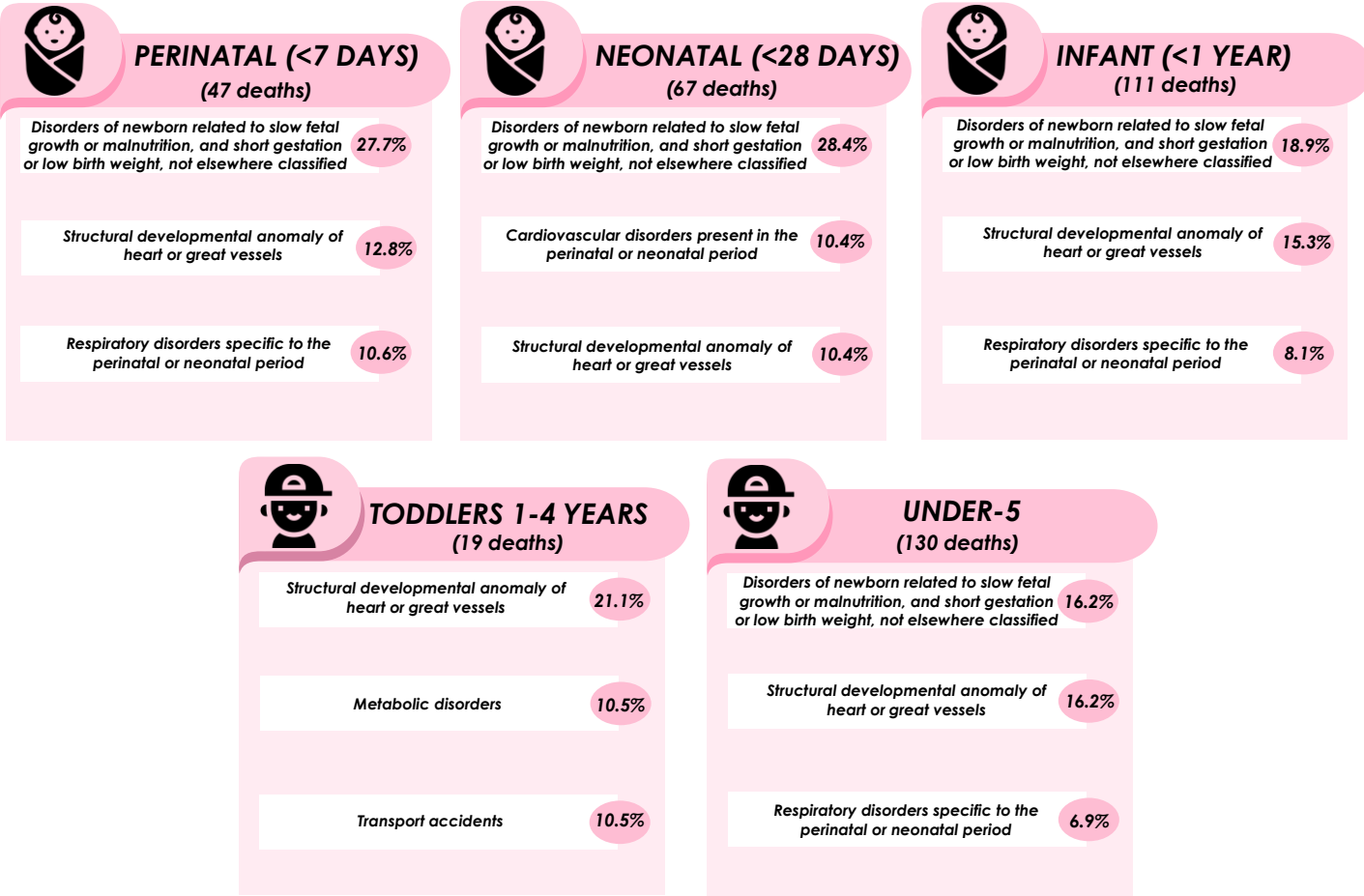


Indians (1,266 deaths)

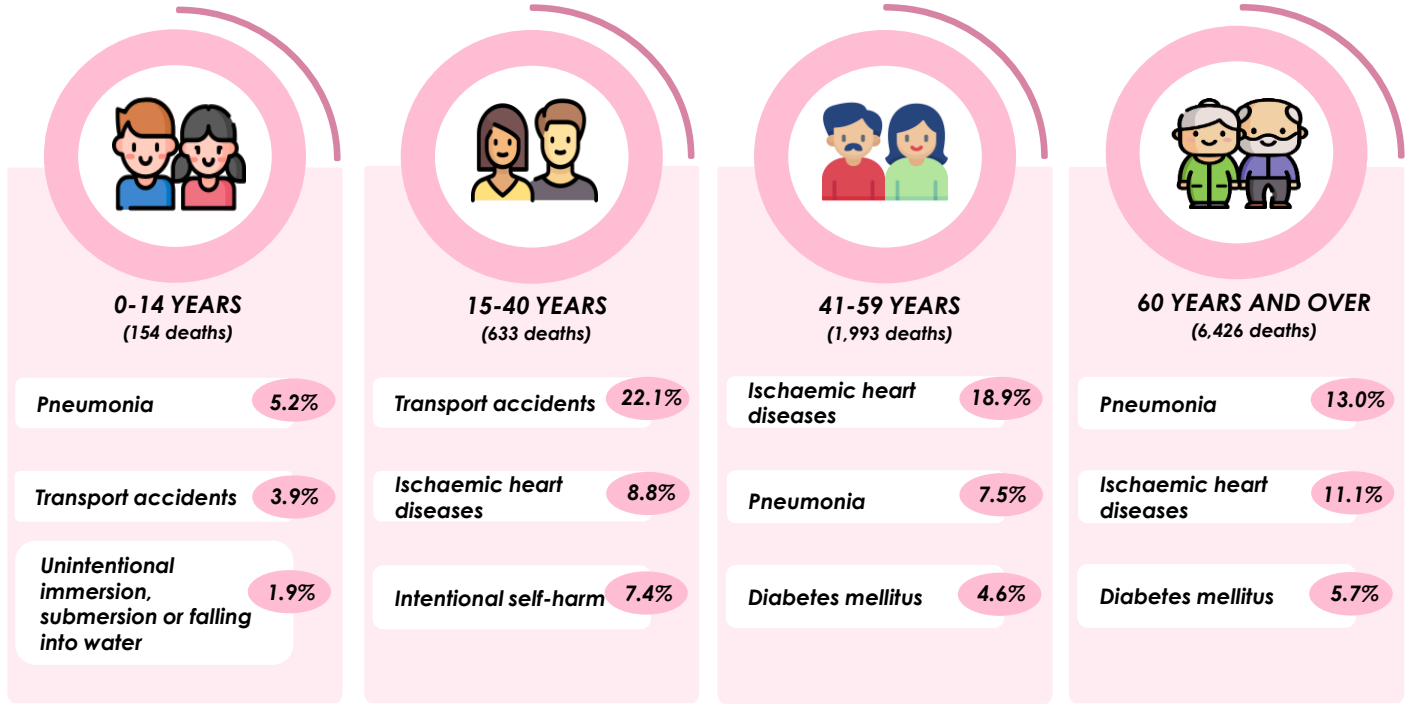
1	Ischaemic heart diseases	16.3%
2	Pneumonia	8.7%
3	Diabetes mellitus	6.3%
4	Kidney failure	4.7%
5	Transport accidents	4.2%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, PULAU PINANG, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, PULAU PINANG, 2024

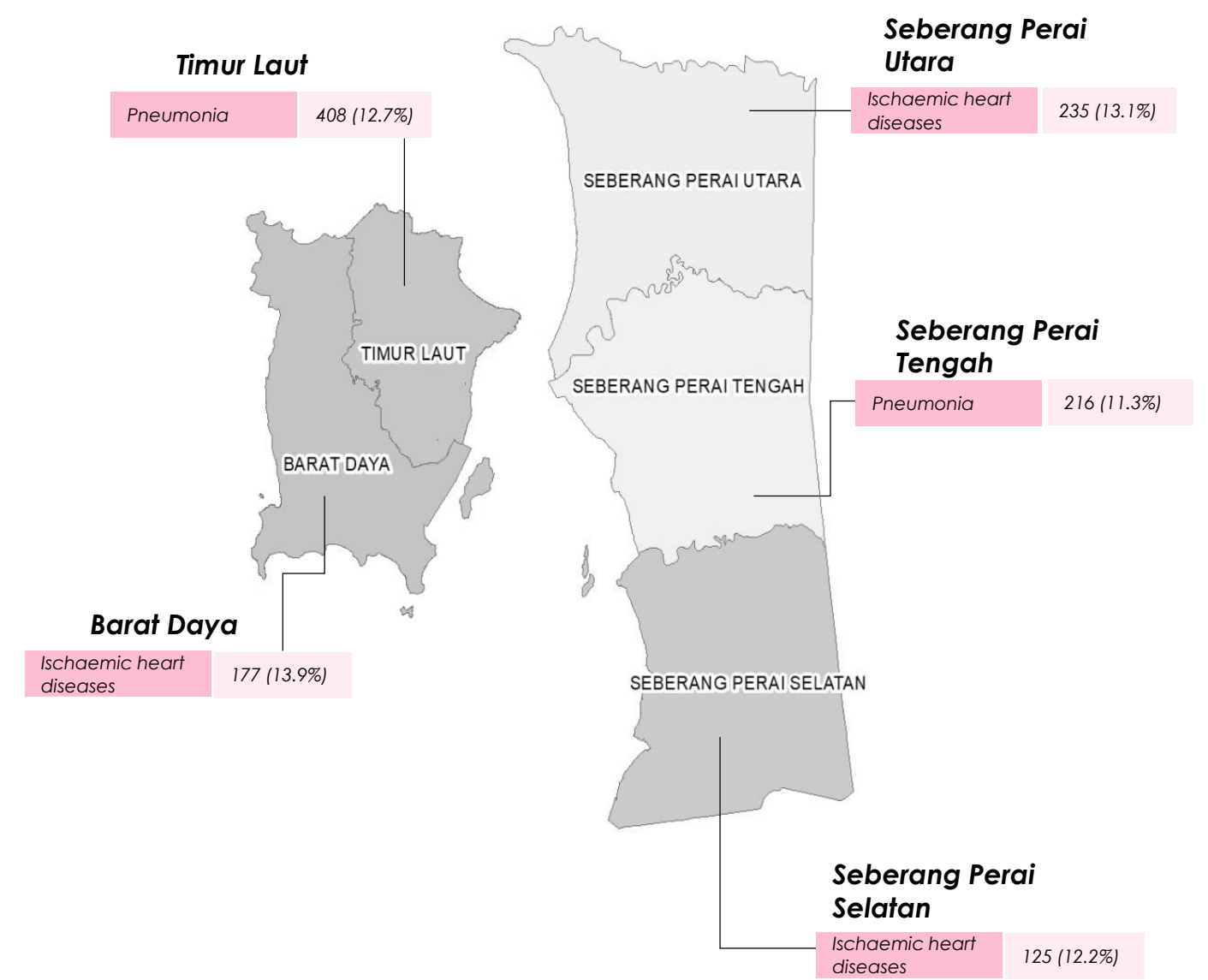


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
PULAU PINANG, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Kidney failure	Transport accidents
Total	1,146	1,028	467	363	290
0	-	5 (0.5%)	-	-	-
1-4	-	1 (0.1%)	-	-	2 (0.7%)
5-9	-	1 (0.1%)	-	-	1 (0.3%)
10-14	-	1 (0.1%)	-	-	3 (1.0%)
15-19	-	5 (0.5%)	-	1 (0.3%)	29 (10.0%)
20-24	2 (0.2%)	4 (0.4%)	-	2 (0.6%)	41 (14.1%)
25-29	1 (0.1%)	9 (0.9%)	-	1 (0.3%)	22 (7.6%)
30-34	18 (1.6%)	2 (0.2%)	4 (0.9%)	1 (0.3%)	19 (6.6%)
35-39	29 (2.5%)	10 (1.0%)	3 (0.6%)	7 (1.9%)	24 (8.3%)
40-44	50 (4.4%)	18 (1.8%)	8 (1.7%)	7 (1.9%)	21 (7.2%)
45-49	73 (6.4%)	25 (2.4%)	15 (3.2%)	8 (2.2%)	15 (5.2%)
50-54	112 (9.8%)	39 (3.8%)	25 (5.4%)	22 (6.1%)	17 (5.9%)
55-59	147 (12.8%)	74 (7.2%)	43 (9.2%)	38 (10.5%)	22 (7.6%)
60-64	130 (11.3%)	78 (7.6%)	48 (10.3%)	40 (11.0%)	19 (6.6%)
65-69	141 (12.3%)	105 (10.2%)	61 (13.1%)	39 (10.7%)	17 (5.9%)
70-74	148 (12.9%)	139 (13.5%)	80 (17.1%)	62 (17.1%)	17 (5.9%)
75-79	109 (9.5%)	153 (14.9%)	60 (12.8%)	44 (12.1%)	9 (3.1%)
80-84	101 (8.8%)	134 (13.0%)	57 (12.2%)	47 (12.9%)	11 (3.8%)
85 and over	85 (7.4%)	225 (21.9%)	63 (13.5%)	44 (12.1%)	1 (0.3%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, PULAU PINANG, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, SABAH, 2024



SABAH



9,672 (58.7%)



16,472
deaths



6,800 (41.3%)

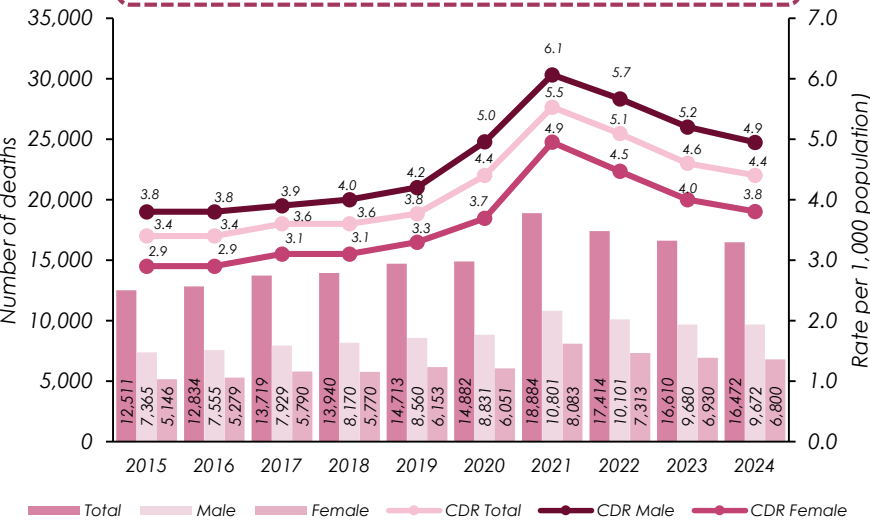
AVERAGE

2 deaths per hour

45 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
SABAH, 2015-2024

The number of deaths in 2024 decreased **0.8 per cent**
(138 deaths) as compared to 2023 (16,610 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Pneumonia

was the principal
causes of death in
Sabah in 2024

9.9%



Pneumonia

9.1%



Pneumonia

11.2%



Diseases of the circulatory
system complicating
pregnancy, childbirth or
the puerperium

16.7%

was the principal
causes of death for
maternal

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, SABAH, 2024

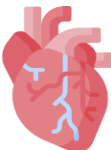
1 Neoplasms

18.2%



3 Diseases of the
circulatory system

14.6%



2 Diseases of the
respiratory system

14.9%



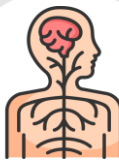
4 Certain infectious
or parasitic diseases

11.4%



5 Diseases of the
nervous system

7.5%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, SABAH, 2024



Malay (1,132 deaths)

1	Pneumonia	8.9%
2	Ischaemic heart diseases	7.3%
3	Malignant neoplasms of breast	3.6%
4	Kidney failure	3.5%
5	Intracranial haemorrhage	2.9%



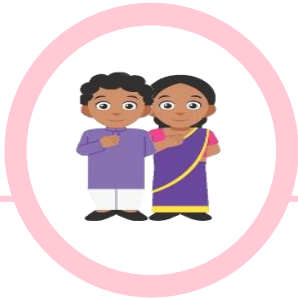
Other Bumiputera (5,092 deaths)

1	Pneumonia	9.6%
2	Ischaemic heart diseases	4.3%
3	Kidney failure	3.6%
4	Transport accidents	3.1%
5	Intracranial haemorrhage	2.5%



Chinese (1,301 deaths)

1	Pneumonia	12.8%
2	Ischaemic heart diseases	6.1%
3	Malignant neoplasms of bronchus or lung	4.5%
4	Malignant neoplasms of large intestine, anus, and anal canal	3.5%
5	Diabetes mellitus	2.8%

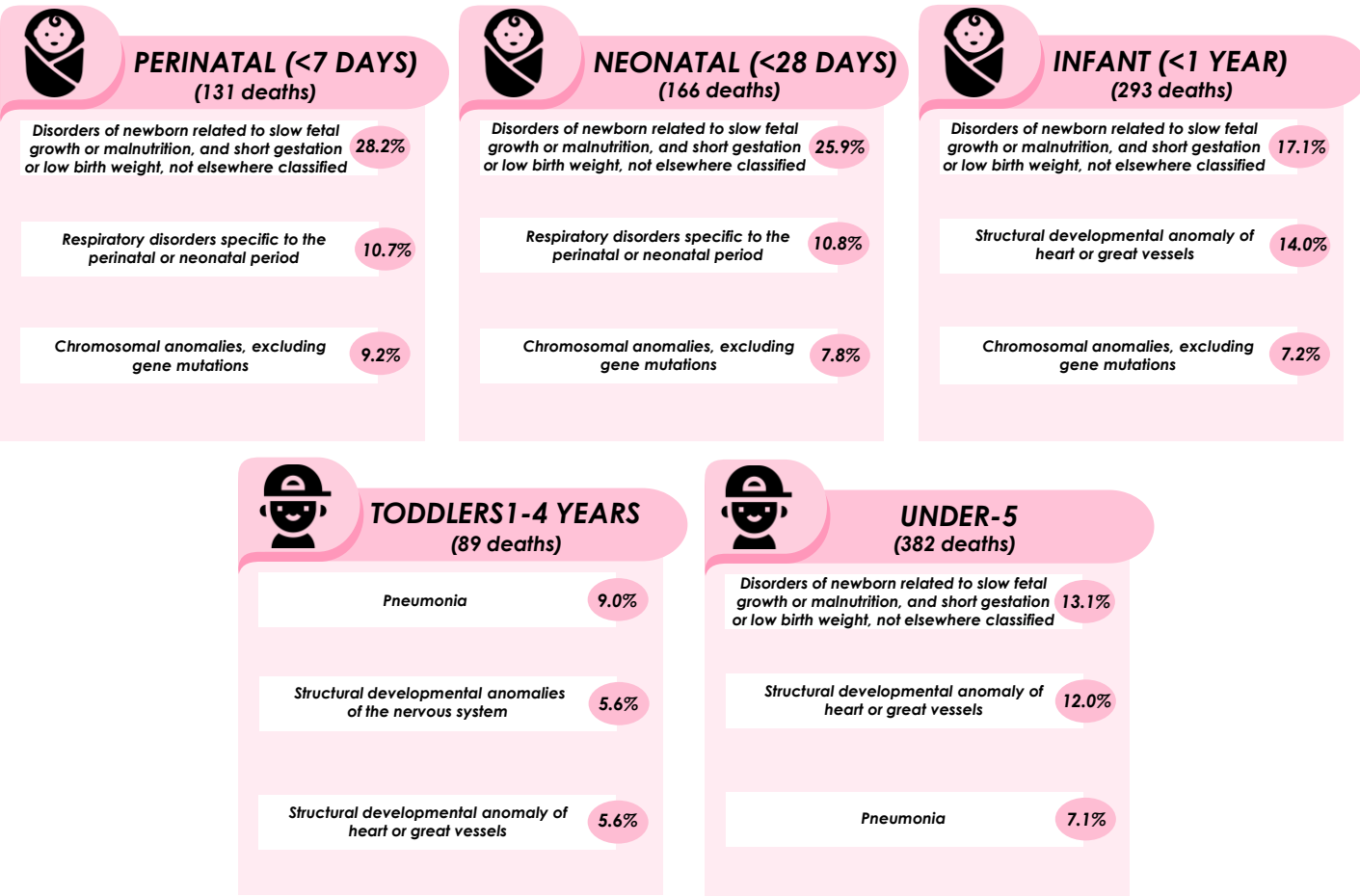


Indians (34 deaths)

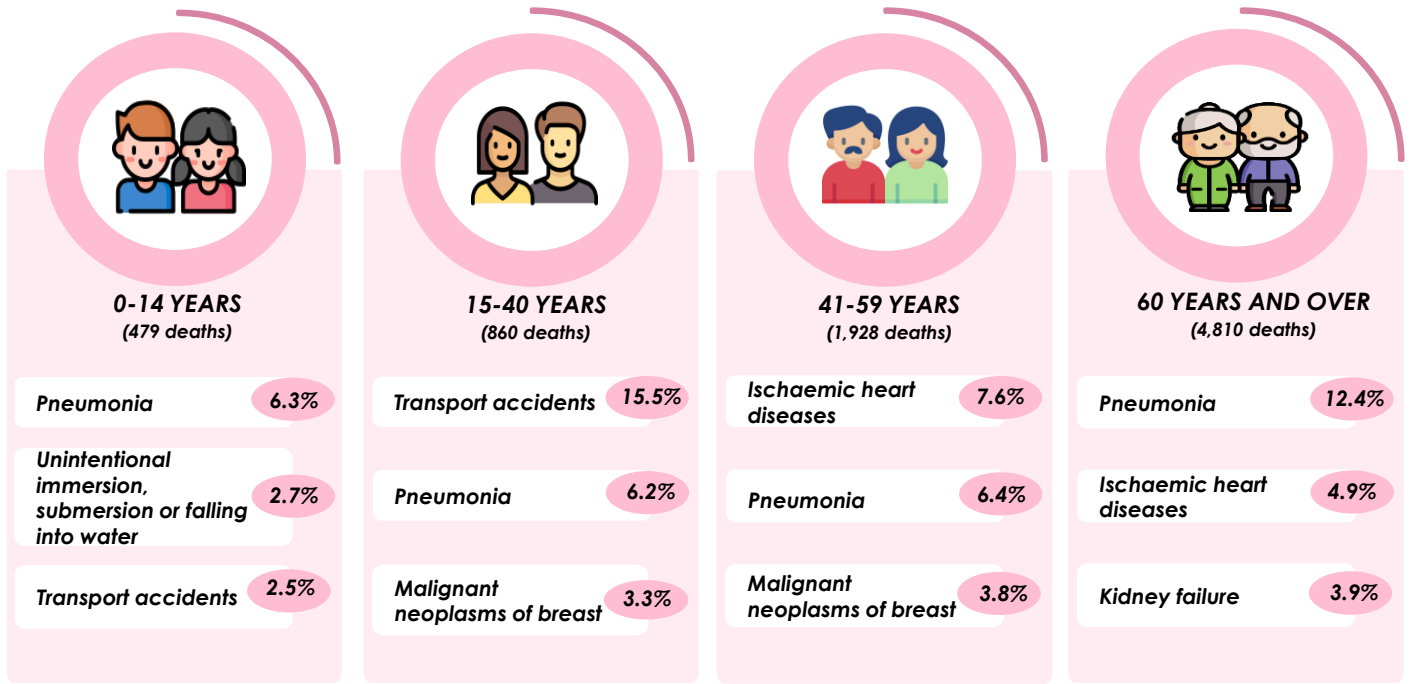
1	Ischaemic heart diseases	11.8%
2	Diabetes mellitus	8.8%
3	Kidney failure	8.8%
4	Stroke not known if ischaemic or haemorrhagic	5.9%
5	Heart valve diseases	2.9%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SABAH, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, SABAH, 2024



Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
SABAH, 2024

Age group (Years)	Pneumonia	Ischaemic heart diseases	Kidney failure	Transport accidents	Intracranial haemorrhage
Total	801	409	274	209	199
0	19 (2.4%)	-	-	1 (0.5%)	-
1-4	8 (1.0%)	-	-	4 (1.9%)	-
5-9	1 (0.1%)	-	-	2 (1.0%)	-
10-14	2 (0.2%)	-	2 (0.7%)	5 (2.4%)	1 (0.5%)
15-19	2 (0.2%)	-	1 (0.4%)	20 (9.6%)	-
20-24	7 (0.9%)	1 (0.2%)	6 (2.2%)	36 (17.2%)	1 (0.5%)
25-29	10 (1.2%)	3 (0.7%)	1 (0.4%)	29 (13.9%)	1 (0.5%)
30-34	9 (1.1%)	7 (1.7%)	2 (0.7%)	25 (12.0%)	7 (3.5%)
35-39	19 (2.4%)	10 (2.4%)	4 (1.5%)	20 (9.6%)	16 (8.0%)
40-44	28 (3.5%)	26 (6.4%)	11 (4.0%)	18 (8.6%)	20 (10.1%)
45-49	24 (3.0%)	32 (7.8%)	11 (4.0%)	14 (6.7%)	22 (11.1%)
50-54	33 (4.1%)	26 (6.4%)	18 (6.6%)	7 (3.3%)	9 (4.5%)
55-59	44 (5.5%)	68 (16.6%)	30 (10.9%)	6 (2.9%)	21 (10.6%)
60-64	70 (8.7%)	59 (14.4%)	33 (12.0%)	4 (1.9%)	20 (10.1%)
65-69	107 (13.4%)	62 (15.2%)	40 (14.6%)	5 (2.4%)	21 (10.6%)
70-74	106 (13.2%)	42 (10.3%)	32 (11.7%)	5 (2.4%)	15 (7.5%)
75-79	83 (10.4%)	20 (4.9%)	30 (10.9%)	5 (2.4%)	17 (8.5%)
80-84	108 (13.5%)	26 (6.4%)	27 (9.9%)	2 (1.0%)	13 (6.5%)
85 and over	121 (15.1%)	27 (6.6%)	26 (9.5%)	1 (0.5%)	15 (7.5%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, SABAH, 2024



Tawau		Lahad Datu		Semporna	
Pneumonia	73 (11.2%)	Pneumonia	28 (9.1%)	Pneumonia	38 (11.4%)
Sandakan		Kinabatangan		Beluran	
Ischaemic heart diseases	68 (7.6%)	Ischaemic heart diseases	12 (13.2%)	Ischaemic heart diseases	16 (11.8%)
Kota Kinabalu		Ranau		Kota Belud	
Pneumonia	110 (9.7%)	Pneumonia	28 (8.8%)	Pneumonia	31 (8.4%)
Tuaran		Penampang		Papar	
Pneumonia	56 (12.5%)	Pneumonia	43 (12.6%)	Pneumonia	51 (10.1%)
Kudat		Kota Marudu		Pitas	
Pneumonia	30 (9.3%)	Pneumonia	28 (10.9%)	Pneumonia	15 (11.0%)
Beaufort		Kuala Penyu		Sipitang	
Pneumonia	31 (9.3%)	Pneumonia	12 (12.9%)	Pneumonia	14 (11.2%)
Tenom		Nabawan		Keningau	
Pneumonia	20 (10.0%)	Heart failure	6 (9.2%)	Pneumonia	44 (10.0%)
Tambunan		Kunak		Tongod	
Pneumonia	16 (11.1%)	Pneumonia	12 (9.0%)	Pneumonia	8 (11.4%)
Putatan		Telupid		Kalabakan	
Pneumonia	18 (11.8%)	Pneumonia	3 (12.0%)	Pneumonia	7 (14.6%)

Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, SARAWAK, 2024



SARAWAK



9,446 (57.4%)



16,443
deaths



6,997 (42.6%)

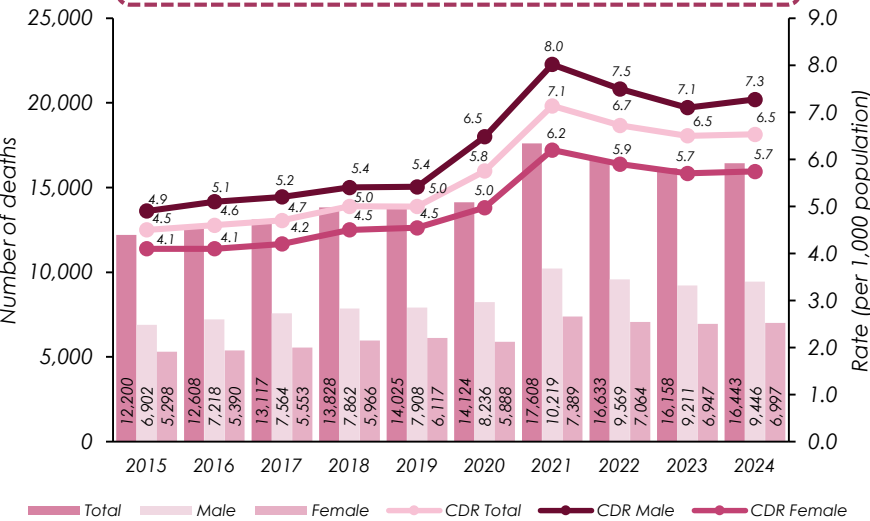
AVERAGE

2 deaths per hour

45 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
SARAWAK, 2015-2024

The number of deaths in 2024 increased **1.8 per cent**
(285 deaths) as compared to 2023 (16,158 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Pneumonia
was the principal
causes of death in
Sarawak in 2024

9.9%



Pneumonia

9.4%



Pneumonia

10.7%



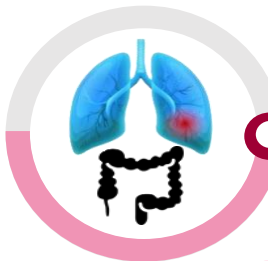
Antepartum hemorrhage
was the principal
causes of death for
maternal

20.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, SARAWAK, 2024

1 Neoplasms

19.5%



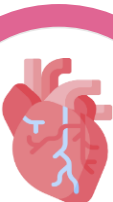
3 Diseases of the
respiratory system

15.5%



2 Diseases of the
circulatory system

17.4%



4 Certain infectious
or parasitic diseases

12.1%



5 Diseases of the
nervous system

7.9%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, SARAWAK, 2024



Malay (1,486 deaths)

1	Ischaemic heart diseases	9.5%
2	Pneumonia	8.7%
3	Kidney failure	4.4%
4	Diabetes mellitus	2.8%
5	Malignant neoplasms of bronchus or lung	2.6%



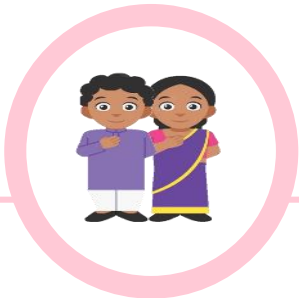
Other Bumiputera (3,940 deaths)

1	Pneumonia	9.2%
2	Ischaemic heart diseases	7.3%
3	Kidney failure	3.2%
4	Malignant neoplasms of bronchus or lung	2.9%
5	Intracranial haemorrhage	2.8%



Chinese (2,446 deaths)

1	Pneumonia	11.9%
2	Ischaemic heart diseases	7.3%
3	Kidney failure	4.1%
4	Malignant neoplasms of bronchus or lung	3.7%
5	Malignant neoplasms of large intestine, anus, and anal canal	3.4%

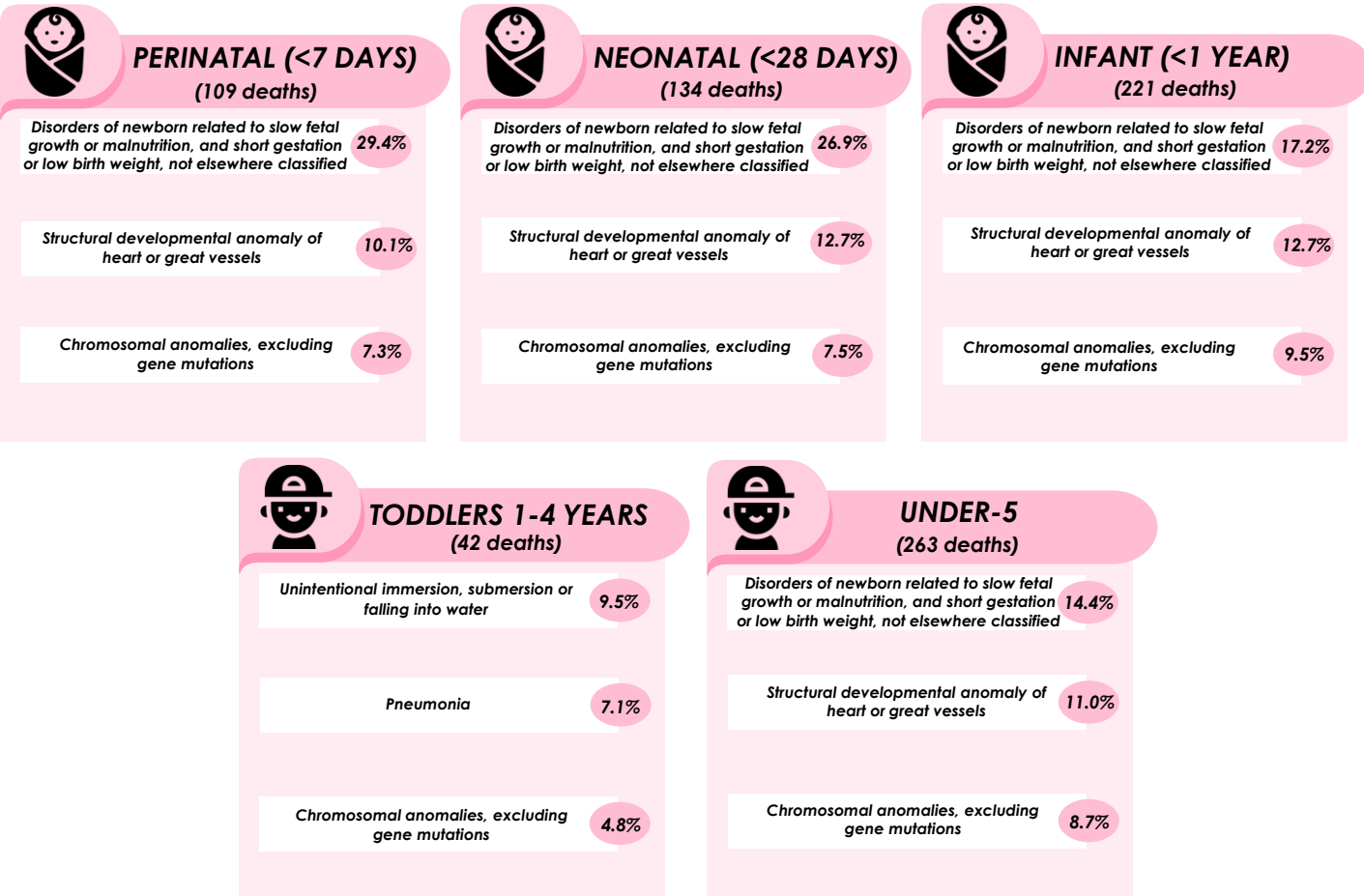


Indians (24 deaths)

1	Ischaemic heart diseases	16.7%
2	Pneumonia	8.3%
3	Asthma	4.2%
4	Diabetes mellitus	4.2%
5	Heart valve diseases	4.2%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SARAWAK, 2024



SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
SARAWAK, 2024

Age group (Years)	Pneumonia	Ischaemic heart diseases	Kidney failure	Malignant neoplasms of bronchus or lung	Intracranial haemorrhage
Total	787	614	292	247	209
0	6 (0.8%)	-	-	-	-
1-4	3 (0.4%)	-	-	-	-
5-9	1 (0.1%)	-	-	-	-
10-14	-	1 (0.2%)	-	-	2 (1.0%)
15-19	5 (0.6%)	-	3 (1.0%)	-	1 (0.5%)
20-24	6 (0.8%)	1 (0.2%)	3 (1.0%)	-	-
25-29	4 (0.5%)	3 (0.5%)	5 (1.7%)	1 (0.4%)	5 (2.4%)
30-34	10 (1.3%)	6 (1.0%)	5 (1.7%)	1 (0.4%)	8 (3.8%)
35-39	19 (2.4%)	22 (3.6%)	8 (2.7%)	5 (2.0%)	8 (3.8%)
40-44	24 (3.0%)	26 (4.2%)	9 (3.1%)	3 (1.2%)	6 (2.9%)
45-49	34 (4.3%)	34 (5.5%)	15 (5.1%)	22 (8.9%)	22 (10.5%)
50-54	28 (3.6%)	54 (8.8%)	14 (4.8%)	24 (9.7%)	18 (8.6%)
55-59	36 (4.6%)	72 (11.7%)	24 (8.2%)	28 (11.3%)	18 (8.6%)
60-64	53 (6.7%)	83 (13.5%)	37 (12.7%)	27 (10.9%)	18 (8.6%)
65-69	76 (9.7%)	61 (9.9%)	36 (12.3%)	45 (18.2%)	21 (10.0%)
70-74	110 (14.0%)	93 (15.1%)	35 (12.0%)	31 (12.6%)	23 (11.0%)
75-79	134 (17.0%)	63 (10.3%)	35 (12.0%)	28 (11.3%)	20 (9.6%)
80-84	95 (12.1%)	46 (7.5%)	31 (10.6%)	20 (8.1%)	19 (9.1%)
85 and over	143 (18.2%)	49 (8.0%)	32 (11.0%)	12 (4.9%)	20 (9.6%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, SARAWAK, 2024

Administrative district	2024		Administrative district	2024	
Kuching	Ischaemic heart diseases	147 (8.5%)	Kapit	Ischaemic heart diseases	13 (8.4%)
Bau	Pneumonia	19 (7.9%)	Song	Ischaemic heart diseases	7 (10.0%)
Lundu	Kidney failure	7 (5.9%)	Belaga	Metabolic disorders	6 (8.6%)
Samarahan	Kidney failure	14 (8.8%)	Miri	Pneumonia	158 (18.9%)
Serian	Ischaemic heart diseases	31 (10.4%)	Marudi	Pneumonia	25 (21.4%)
Simunjan	Ischaemic heart diseases	7 (7.0%)	Limbang	Ischaemic heart diseases	22 (10.7%)
Sri Aman	Pneumonia	13 (7.4%)	Lawas	Ischaemic heart diseases	13 (9.6%)
Lubok Antu	Pneumonia	7 (9.2%)	Matu	Pneumonia	4 (10.0%)
Betong	Pneumonia	22 (12.4%)	Asajaya	Ischaemic heart diseases	9 (11.5%)
Saratok	Pneumonia	12 (10.2%)	Pakan	Pneumonia	8 (21.6%)
Sarikei	Pneumonia	29 (15.4%)	Selangau	Pneumonia	6 (10.0%)
Maradong	Pneumonia	15 (14.4%)	Tebedu	Ischaemic heart diseases	6 (10.2%)
Daro	Pneumonia	6 (12.5%)	Pusa	Ischaemic heart diseases	15 (13.9%)
Julau	Ischaemic heart diseases	8 (12.7%)	Kabong	Pneumonia	4 (5.3%)
Sibu	Pneumonia	110 (11.2%)	Tanjung Manis	Pneumonia	3 (11.5%)
Dalat	Ischaemic heart diseases	8 (10.1%)	Sebauh	Ischaemic heart diseases	11 (11.0%)
Mukah	Pneumonia	12 (10.8%)	Bukit Mabong	Heart failure	5 (10.2%)
Kanowit	Pneumonia	17 (10.9%)	Subis	Pneumonia	37 (20.4%)
Bintulu	Ischaemic heart diseases	27 (7.7%)	Beluru	Pneumonia	8 (11.4%)
Tatau	Pneumonia	12 (10.8%)	Telang Usan	Pneumonia	17 (19.5%)

Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, SELANGOR, 2024



SELANGOR



19,383 (58.6%)



33,102
deaths



13,719 (41.4%)

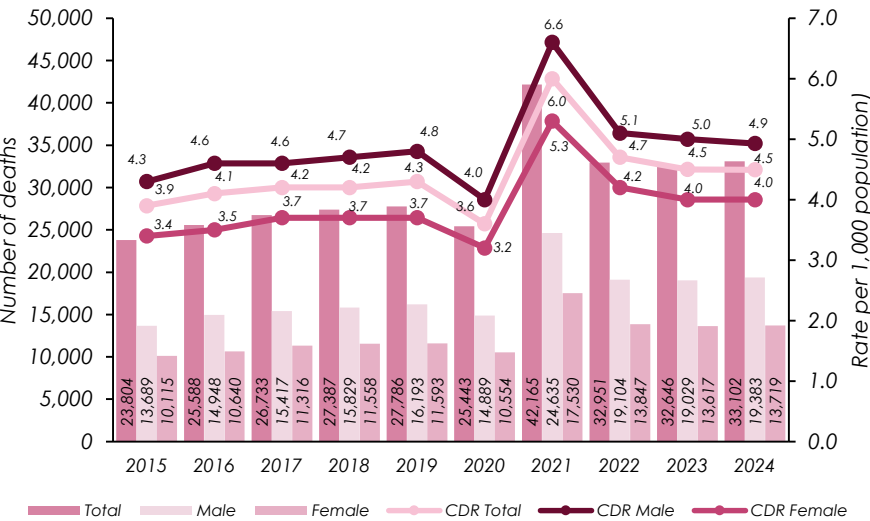
AVERAGE

4 deaths per hour

91 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
SELANGOR, 2015-2024

The number of deaths in 2024 increased **1.4 per cent**
(456 deaths) as compared to 2023 (32,646 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases

was the principal
causes of death in
Selangor in 2024

13.7%



Ischaemic
heart diseases

16.6%



Pneumonia

12.2%



Oedema, proteinuria, or
hypertensive disorders in
pregnancy, childbirth, or
the puerperium

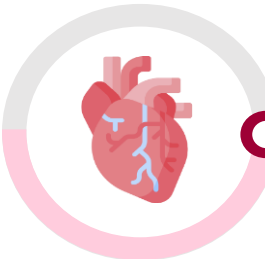
18.2%

was the principal
causes of death for
maternal

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, SELANGOR, 2024

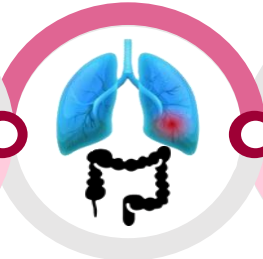
1 Diseases of the
circulatory system

21.2%



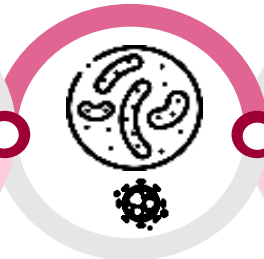
3 Diseases of the
respiratory system

15.0%



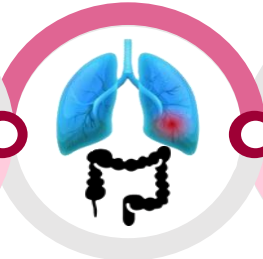
5 External causes of
morbidity and mortality

7.9%



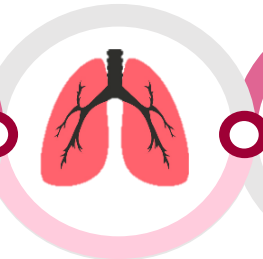
2 Neoplasms

16.5%



4 Certain infectious
or parasitic diseases

9.8%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, SELANGOR, 2024



Malay (10,494 deaths)

1	Ischaemic heart diseases	13.6%
2	Pneumonia	10.1%
3	Transport accidents	4.9%
4	Diabetes mellitus	3.6%
5	Kidney failure	3.1%



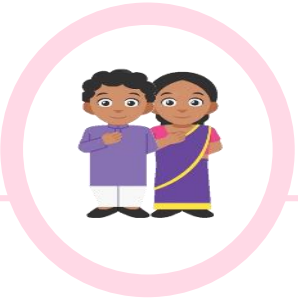
Other Bumiputera (253 deaths)

1	Ischaemic heart diseases	11.9%
2	Transport accidents	11.9%
3	Pneumonia	6.7%
4	Tuberculosis of other organs and systems, sequelae and unspecified	2.4%
5	Intracranial haemorrhage	2.0%



Chinese (6,542 deaths)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	11.8%
3	Diabetes mellitus	3.4%
4	Malignant neoplasms of bronchus or lung	3.4%
5	Malignant neoplasms of large intestine, anus, and anal canal	3.0%

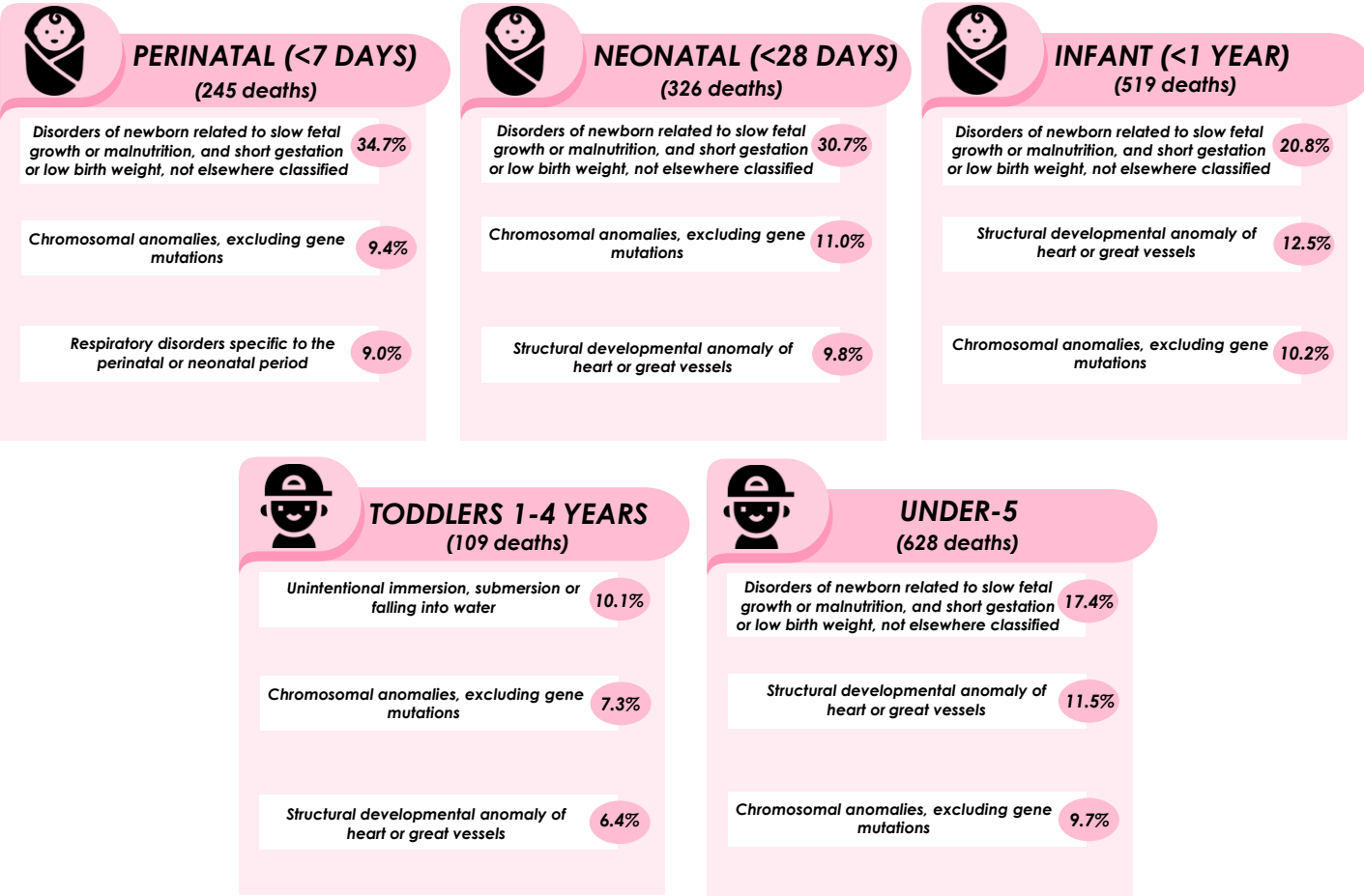


Indians (3,908 deaths)

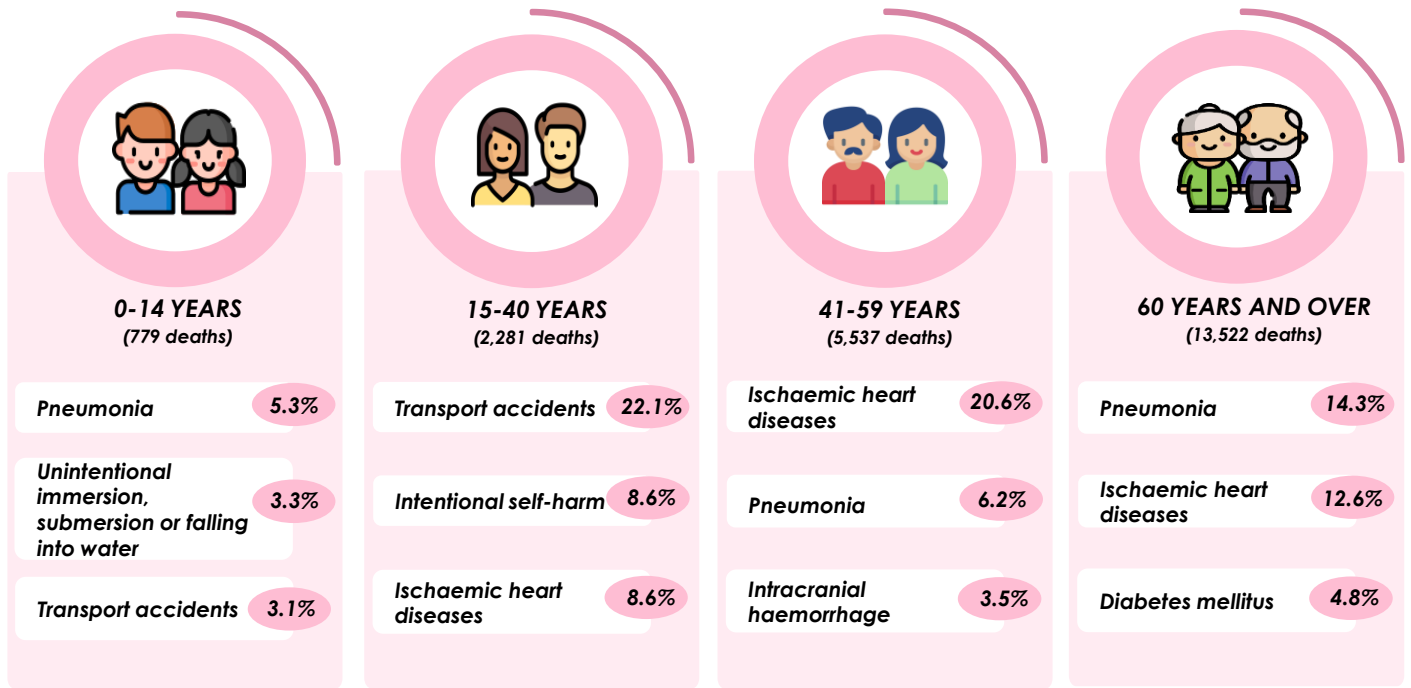
1	Ischaemic heart diseases	17.6%
2	Pneumonia	11.1%
3	Diabetes mellitus	5.0%
4	Transport accidents	4.1%
5	Kidney failure	3.1%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, SELANGOR, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, SELANGOR, 2024

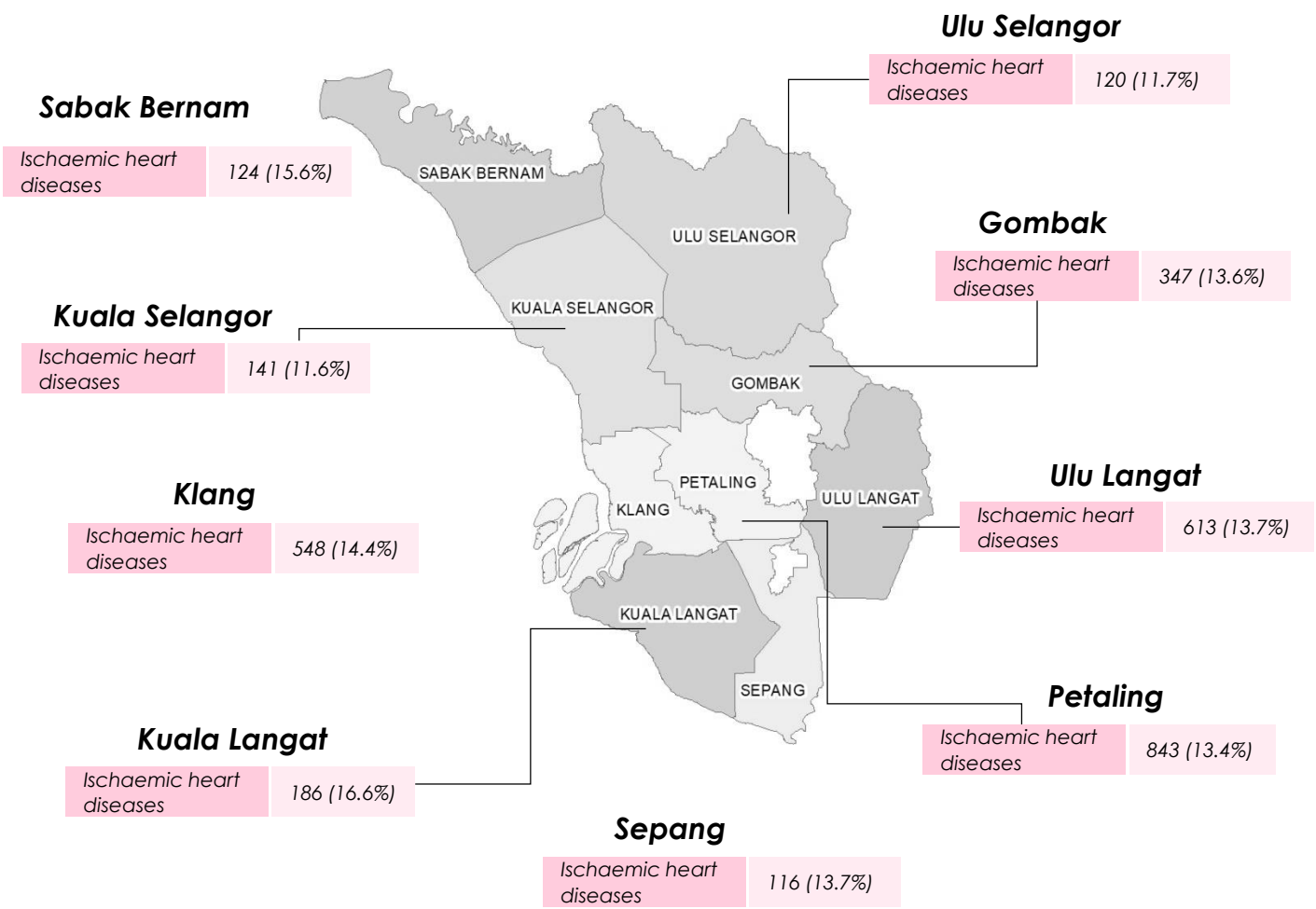


Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
SELANGOR, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Total	3,038	2,425	827	807	623
0	-	25 (1.0%)	-	2 (0.2%)	-
1-4	-	5 (0.2%)	-	6 (0.7%)	-
5-9	-	3 (0.1%)	-	6 (0.7%)	-
10-14	2 (0.1%)	8 (0.3%)	-	10 (1.2%)	-
15-19	1 (0.0%)	8 (0.3%)	-	137 (17.0%)	1 (0.2%)
20-24	2 (0.1%)	14 (0.6%)	1 (0.1%)	140 (17.3%)	6 (1.0%)
25-29	12 (0.4%)	19 (0.8%)	3 (0.4%)	98 (12.1%)	1 (0.2%)
30-34	50 (1.6%)	24 (1.0%)	2 (0.2%)	61 (7.6%)	10 (1.6%)
35-39	106 (3.5%)	35 (1.4%)	7 (0.8%)	63 (7.8%)	11 (1.8%)
40-44	183 (6.0%)	47 (1.9%)	15 (1.8%)	52 (6.4%)	21 (3.4%)
45-49	285 (9.4%)	66 (2.7%)	33 (4.0%)	51 (6.3%)	26 (4.2%)
50-54	305 (10.0%)	90 (3.7%)	44 (5.3%)	44 (5.5%)	43 (6.9%)
55-59	393 (12.9%)	147 (6.1%)	76 (9.2%)	28 (3.5%)	60 (9.6%)
60-64	364 (12.0%)	220 (9.1%)	99 (12.0%)	33 (4.1%)	60 (9.6%)
65-69	388 (12.8%)	258 (10.6%)	108 (13.1%)	27 (3.3%)	73 (11.7%)
70-74	304 (10.0%)	333 (13.7%)	111 (13.4%)	27 (3.3%)	105 (16.9%)
75-79	266 (8.8%)	361 (14.9%)	132 (16.0%)	13 (1.6%)	88 (14.1%)
80-84	179 (5.9%)	328 (13.5%)	85 (10.3%)	4 (0.5%)	48 (7.7%)
85 and over	198 (6.5%)	434 (17.9%)	111 (13.4%)	5 (0.6%)	70 (11.2%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, SELANGOR, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, TERENGGANU, 2024



TERENGGANU



4,248 (55.4%)



7,668
deaths



3,420 (44.6%)

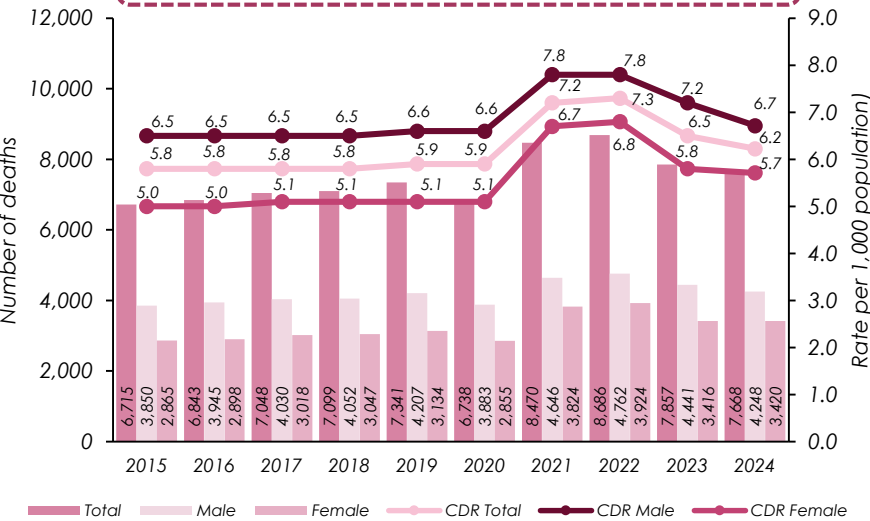
AVERAGE

1 death per hour

21 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
TERENGGANU, 2015-2024

The number of deaths in 2024 decreased **2.4 per cent**
(189 deaths) as compared to 2023 (7,857 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
Terengganu in 2024

10.4%



**Ischaemic
heart diseases**

13.8%



**Diabetes
mellitus**

12.3%



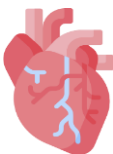
**Obstetric blood-clot
embolism**
was the principal
causes of death for
maternal

40.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER, TERENGGANU, 2024

**1 Diseases of the
circulatory system**

17.5%



**3 Endocrine, nutritional
or metabolic diseases**

13.4%



**2 Diseases of the
respiratory system**

14.2%



4 Neoplasms

11.7%



**5 Diseases of the
nervous system**

10.4%



Note: ¹The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, TERENGGANU, 2024



Malay (5,655 deaths)

1	Diabetes mellitus	10.5%
2	Ischaemic heart diseases	10.4%
3	Pneumonia	9.9%
4	Transport accidents	3.6%
5	Stroke not known if ischaemic or haemorrhagic	3.4%



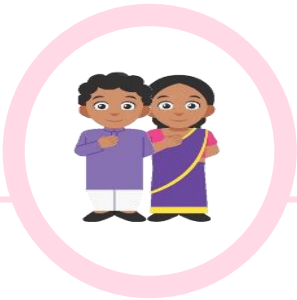
Other Bumiputera (11 deaths)

1	Ischaemic heart diseases	18.2%
2	Cerebral ischaemia	9.1%
3	Intentional self-harm	9.1%
4	Stroke not known if ischaemic or haemorrhagic	9.1%
5	Transport accidents	9.1%



Chinese (175 deaths)

1	Pneumonia	13.7%
2	Ischaemic heart diseases	10.9%
3	Diabetes mellitus	5.7%
4	Malignant neoplasms of large intestine, anus, and anal canal	5.1%
5	Malignant neoplasms of bronchus or lung	3.4%

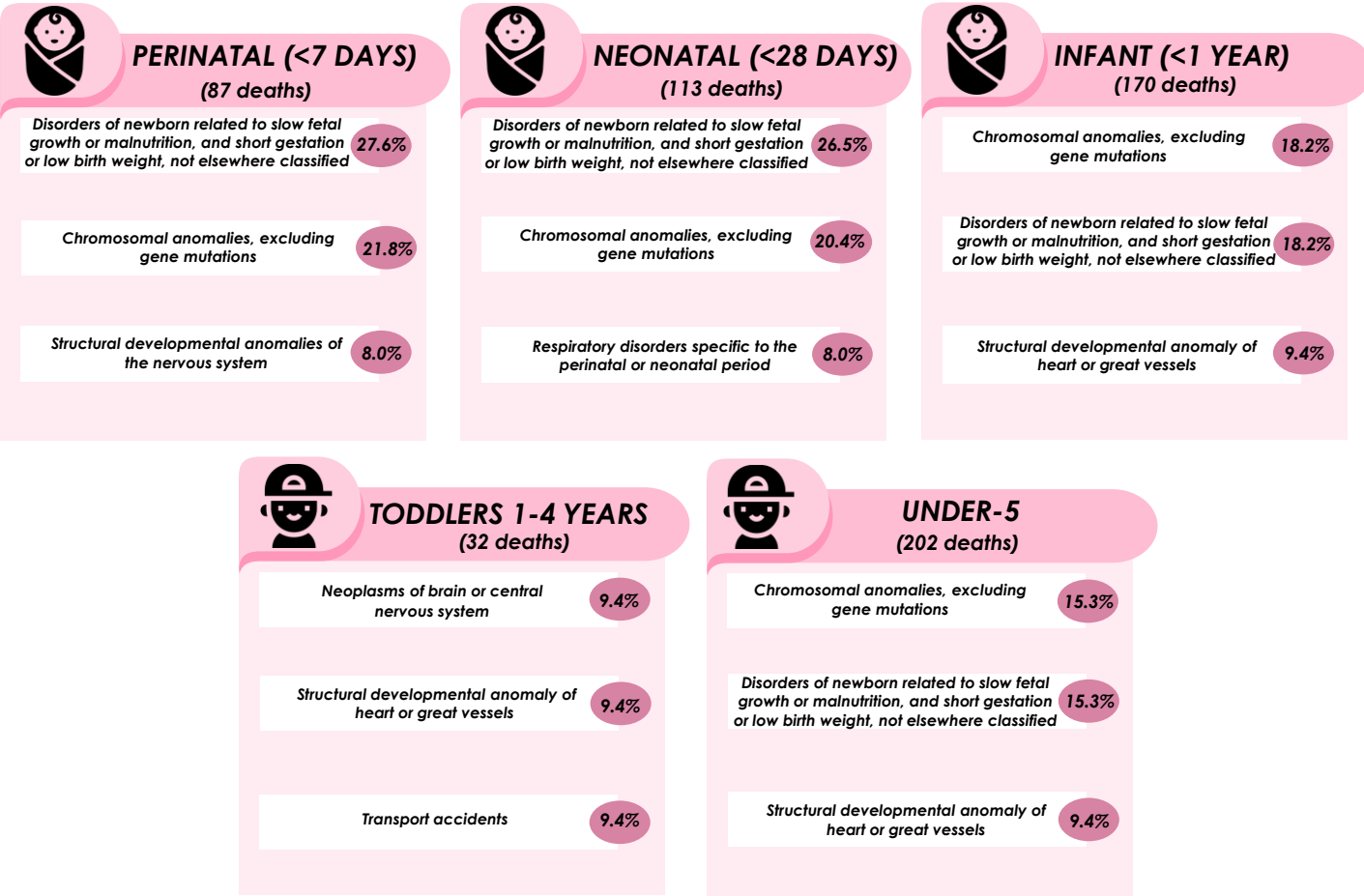


Indians (14 deaths)

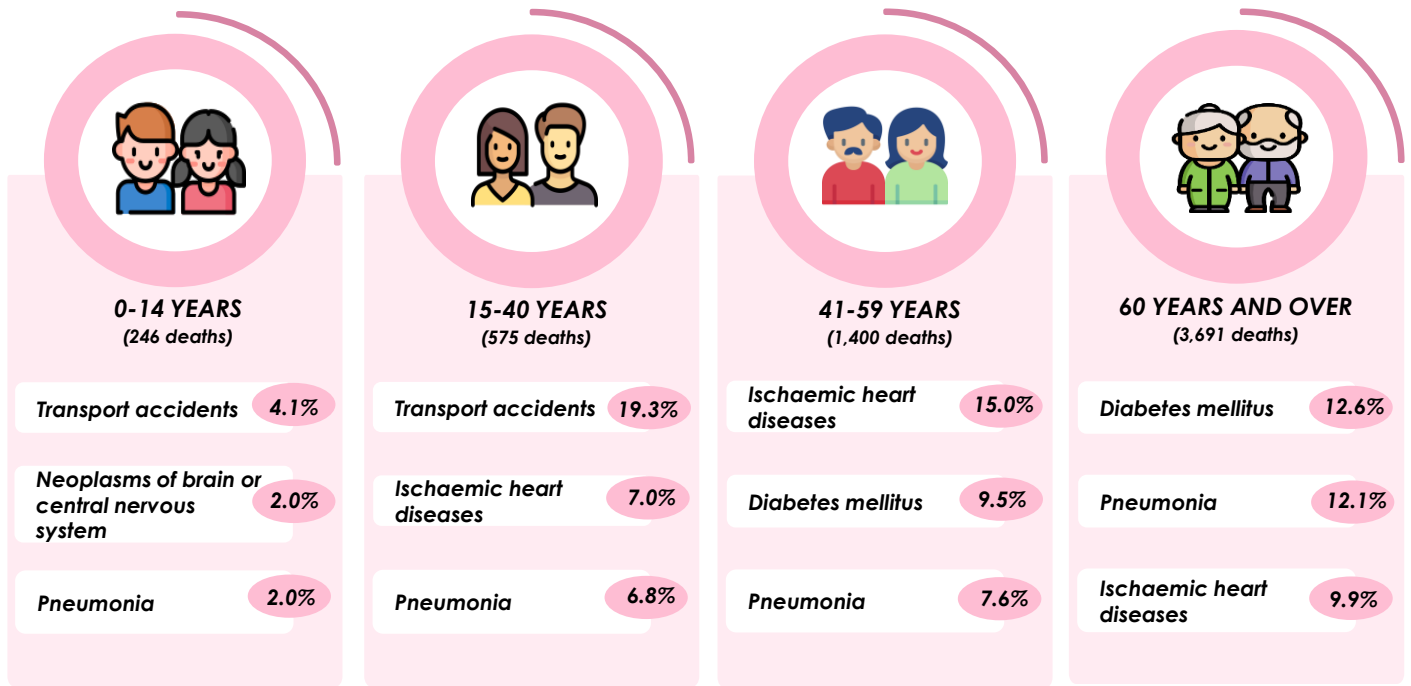
1	Ischaemic heart diseases	21.4%
2	Diabetes mellitus	14.3%
3	Asthma	7.1%
4	Chronic obstructive pulmonary disease	7.1%
5	Intentional self-harm	7.1%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, TERENGGANU, 2024



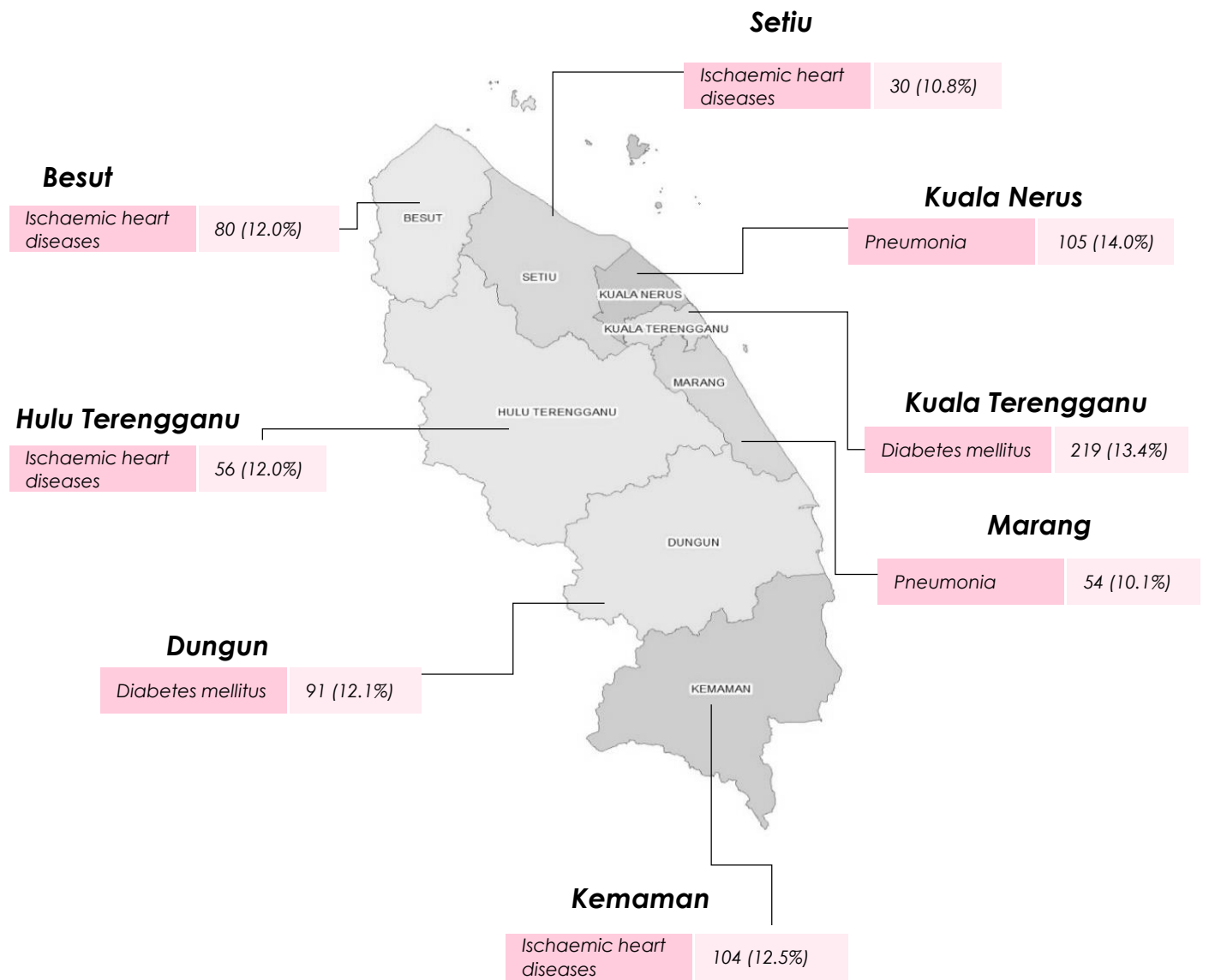
THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, TERENGGANU, 2024



SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
TERENGGANU, 2024

Age group (Years)	Ischaemic heart diseases	Diabetes mellitus	Pneumonia	Transport accidents	Stroke not known if ischaemic or haemorrhagic
Total	616	606	596	205	198
0	-	-	3 (0.5%)	-	-
1-4	-	-	1 (0.2%)	3 (1.5%)	-
5-9	-	-	-	2 (1.0%)	-
10-14	-	-	1 (0.2%)	5 (2.4%)	-
15-19	-	-	1 (0.2%)	28 (13.7%)	-
20-24	2 (0.3%)	-	4 (0.7%)	34 (16.6%)	-
25-29	3 (0.5%)	1 (0.2%)	6 (1.0%)	13 (6.3%)	1 (0.5%)
30-34	4 (0.6%)	2 (0.3%)	11 (1.8%)	17 (8.3%)	-
35-39	28 (4.5%)	6 (1.0%)	12 (2.0%)	16 (7.8%)	1 (0.5%)
40-44	38 (6.2%)	14 (2.3%)	26 (4.4%)	20 (9.8%)	6 (3.0%)
45-49	50 (8.1%)	25 (4.1%)	23 (3.9%)	8 (3.9%)	4 (2.0%)
50-54	61 (9.9%)	32 (5.3%)	24 (4.0%)	10 (4.9%)	5 (2.5%)
55-59	64 (10.4%)	62 (10.2%)	39 (6.5%)	13 (6.3%)	13 (6.6%)
60-64	72 (11.7%)	76 (12.5%)	75 (12.6%)	6 (2.9%)	19 (9.6%)
65-69	88 (14.3%)	89 (14.7%)	75 (12.6%)	12 (5.9%)	28 (14.1%)
70-74	80 (13.0%)	74 (12.2%)	72 (12.1%)	7 (3.4%)	27 (13.6%)
75-79	68 (11.0%)	87 (14.4%)	97 (16.3%)	5 (2.4%)	37 (18.7%)
80-84	27 (4.4%)	73 (12.0%)	56 (9.4%)	3 (1.5%)	26 (13.1%)
85 and over	31 (5.0%)	65 (10.7%)	70 (11.7%)	3 (1.5%)	31 (15.7%)

CAUSES OF DEATH¹ BY ADMINISTRATIVE DISTRICT, TERENGGANU, 2024



Note: ¹The analysis is based on medically certified deaths

NUMBER OF DEATHS, W.P. KUALA LUMPUR, 2024



W.P. KUALA LUMPUR



5,550 (57.2%)



9,704
deaths



4,154 (42.8%)

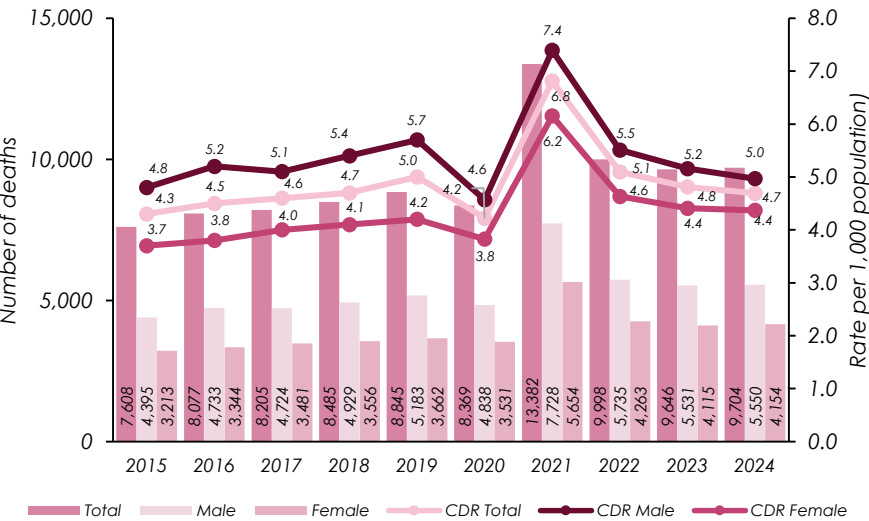
AVERAGE

1 death per hour

27 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
W.P. KUALA LUMPUR, 2015-2024

The number of deaths in 2024 increased **0.6 per cent**
(58 deaths) as compared to 2023 (9,646 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases

was the principal causes
of death in
W.P. Kuala Lumpur in 2024

14.0%



Ischaemic
heart diseases

16.4%



Pneumonia

11.9%



Diseases of the circulatory
system complicating
pregnancy, childbirth or the
puerperium

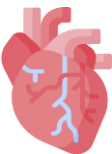
16.7%

was the principal
causes of death for
maternal

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER,
W.P. KUALA LUMPUR, 2024

1 Diseases of the
circulatory system

21.2%



3 Diseases of the
respiratory system

15.4%



2 Neoplasms

18.9%



4 Endocrine, nutritional
or metabolic diseases

7.9%



5 External causes of
morbidity or mortality

7.7%



FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP,
W.P. KUALA LUMPUR, 2024



Malay (2,595 deaths)

1	Ischaemic heart diseases	14.4%
2	Pneumonia	10.7%
3	Diabetes mellitus	6.3%
4	Transport accidents	4.5%
5	Intracranial haemorrhage	2.5%



Other Bumiputera (64 deaths)

1	Ischaemic heart diseases	12.5%
2	Transport accidents	12.5%
3	Intracranial haemorrhage	4.7%
4	Malignant neoplasms of breast	4.7%
5	Malignant neoplasms of large intestine, anus, and anal canal	4.7%



Chinese (3,399 deaths)

1	Ischaemic heart diseases	12.8%
2	Pneumonia	12.3%
3	Diabetes mellitus	5.8%
4	Malignant neoplasms of bronchus or lung	3.6%
5	Malignant neoplasms of large intestine, anus, and anal canal	3.4%

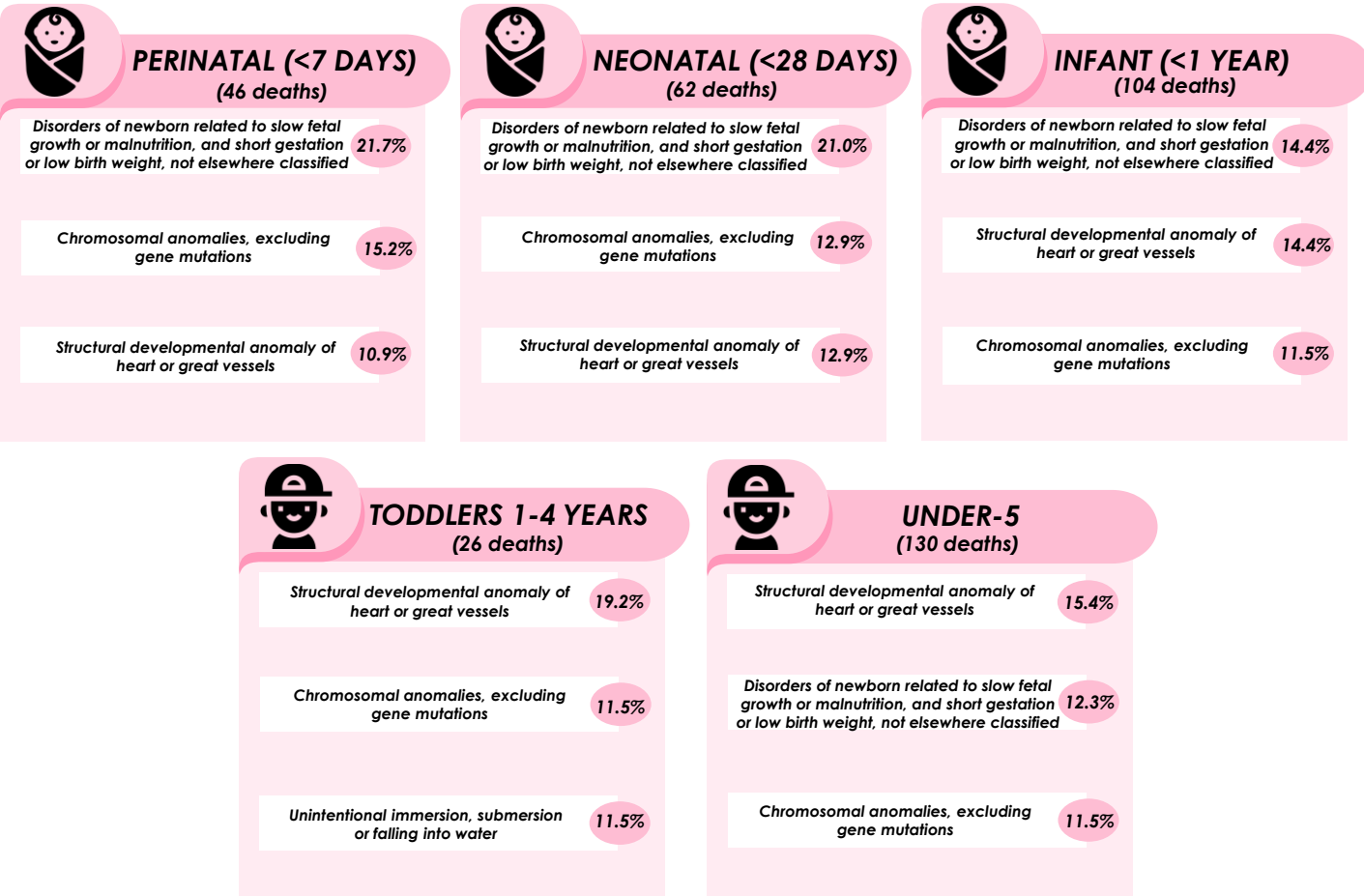


Indians (1,010 deaths)

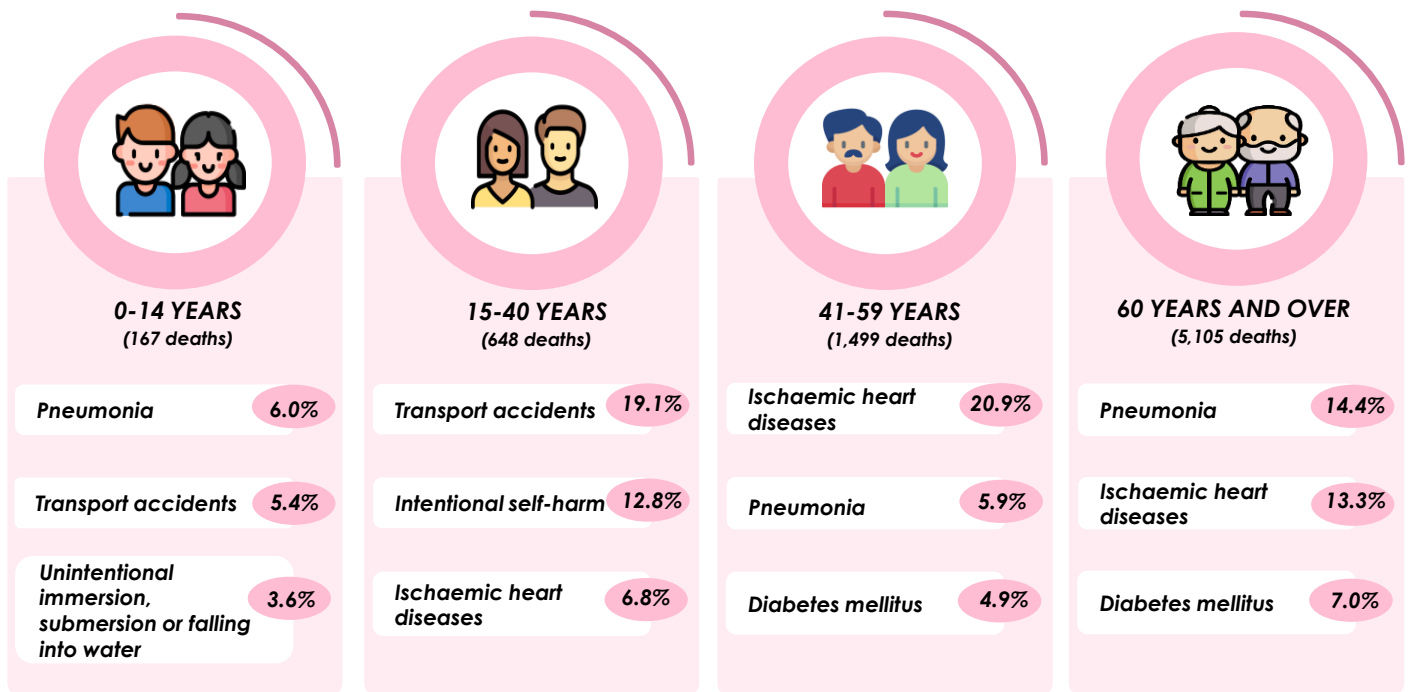
1	Ischaemic heart diseases	17.5%
2	Pneumonia	11.7%
3	Diabetes mellitus	6.2%
4	Transport accidents	3.0%
5	Intracranial haemorrhage	2.3%

Note: ¹The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY,
W.P. KUALA LUMPUR, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP,
W.P. KUALA LUMPUR, 2024



Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
W.P. KUALA LUMPUR, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Malignant neoplasms of bronchus or lung	Transport accidents
Total	1,035	855	443	205	198
0	-	6 (0.7%)	-	-	1 (0.5%)
1-4	-	2 (0.2%)	-	-	2 (1.0%)
5-9	-	2 (0.2%)	-	-	3 (1.5%)
10-14	-	-	-	-	3 (1.5%)
15-19	-	1 (0.1%)	-	-	20 (10.1%)
20-24	-	3 (0.4%)	2 (0.5%)	-	32 (16.2%)
25-29	6 (0.6%)	1 (0.1%)	-	-	21 (10.6%)
30-34	8 (0.8%)	2 (0.2%)	1 (0.2%)	2 (1.0%)	23 (11.6%)
35-39	25 (2.4%)	10 (1.2%)	5 (1.1%)	4 (2.0%)	25 (12.6%)
40-44	49 (4.7%)	12 (1.4%)	10 (2.3%)	6 (2.9%)	17 (8.6%)
45-49	75 (7.2%)	19 (2.2%)	10 (2.3%)	5 (2.4%)	6 (3.0%)
50-54	74 (7.1%)	17 (2.0%)	20 (4.5%)	9 (4.4%)	9 (4.5%)
55-59	120 (11.6%)	44 (5.1%)	36 (8.1%)	21 (10.2%)	7 (3.5%)
60-64	111 (10.7%)	67 (7.8%)	47 (10.6%)	25 (12.2%)	5 (2.5%)
65-69	125 (12.1%)	96 (11.2%)	50 (11.3%)	35 (17.1%)	8 (4.0%)
70-74	118 (11.4%)	102 (11.9%)	51 (11.5%)	39 (19.0%)	11 (5.6%)
75-79	117 (11.3%)	123 (14.4%)	54 (12.2%)	21 (10.2%)	2 (1.0%)
80-84	94 (9.1%)	143 (16.7%)	67 (15.1%)	21 (10.2%)	3 (1.5%)
85 and over	113 (10.9%)	205 (24.0%)	90 (20.3%)	17 (8.3%)	-

NUMBER OF DEATHS, W.P. LABUAN, 2024



W.P. LABUAN



255 (65.2%)



391
deaths



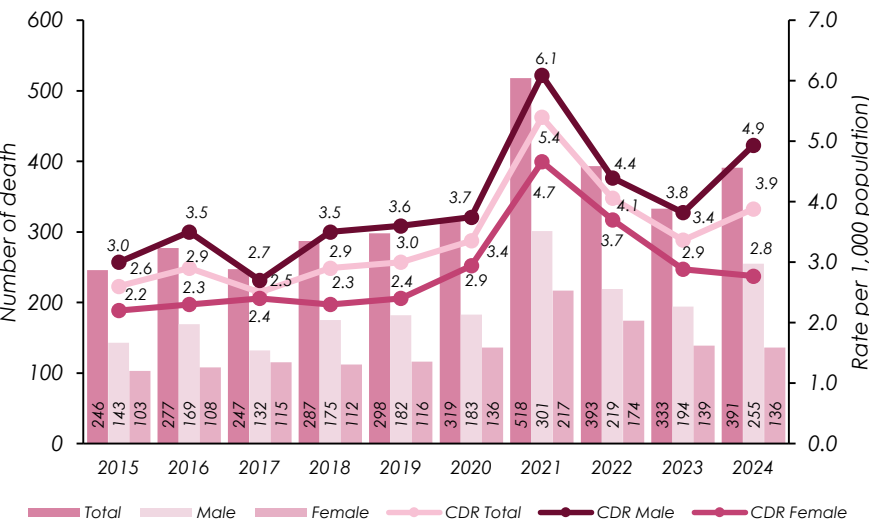
136 (34.8%)

AVERAGE

1 death per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
W.P. LABUAN, 2015-2024

The number of deaths in 2024 increased 17.4 per cent
(58 deaths) as compared to 2023 (333 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
W.P. Labuan in 2024

15.0%



**Ischaemic
heart diseases**

17.1%



Pneumonia

13.9%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER,
W.P. LABUAN, 2024

1

**Diseases of the
circulatory system**

25.0%

3

**Diseases of the
respiratory system**

16.0%

5

**Certain infectious
or parasitic diseases**

7.3%

2

Neoplasms

18.3%

4

**Diseases of the
nervous system**

9.7%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, W.P. LABUAN, 2024



Malay (125 deaths)

1	Ischaemic heart diseases	15.2%
2	Pneumonia	11.2%
3	Stroke not known if ischaemic or haemorrhagic	5.6%
4	Heart failure	4.0%
5	Malignant neoplasms of bronchus or lung	4.0%



Other Bumiputera (99 deaths)

1	Ischaemic heart diseases	13.1%
2	Pneumonia	11.1%
3	Intracranial haemorrhage	4.0%
4	Malignant neoplasms of cervix uteri	3.0%
5	Stroke not known if ischaemic or haemorrhagic	3.0%



Chinese (52 deaths)

1	Ischaemic heart diseases	17.3%
2	Pneumonia	11.5%
3	Stroke not known if ischaemic or haemorrhagic	7.7%
4	Lymphoid Neoplasms	3.8%
5	Malignant neoplasms of bronchus or lung	3.8%

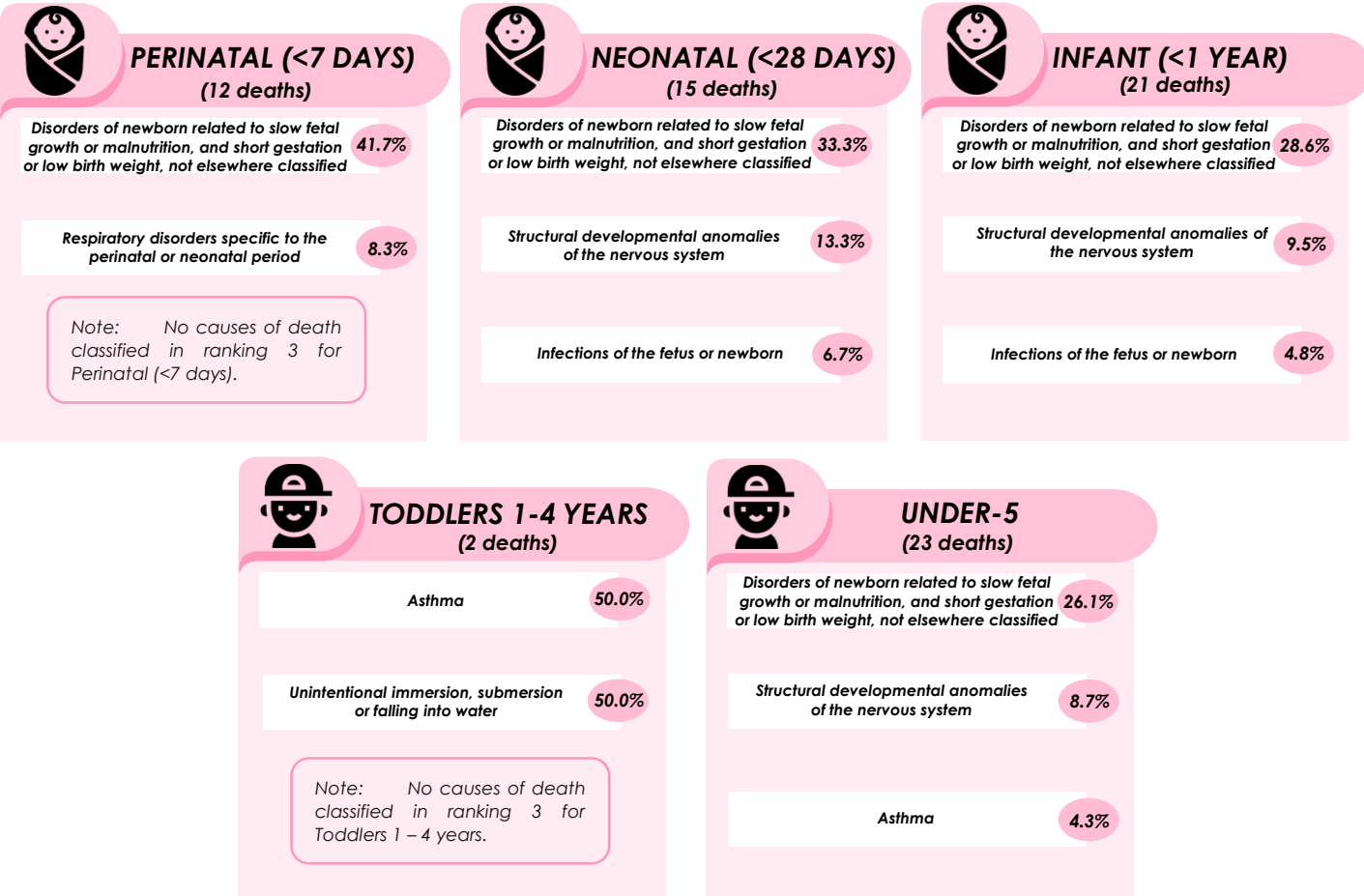


Indians (3 deaths)

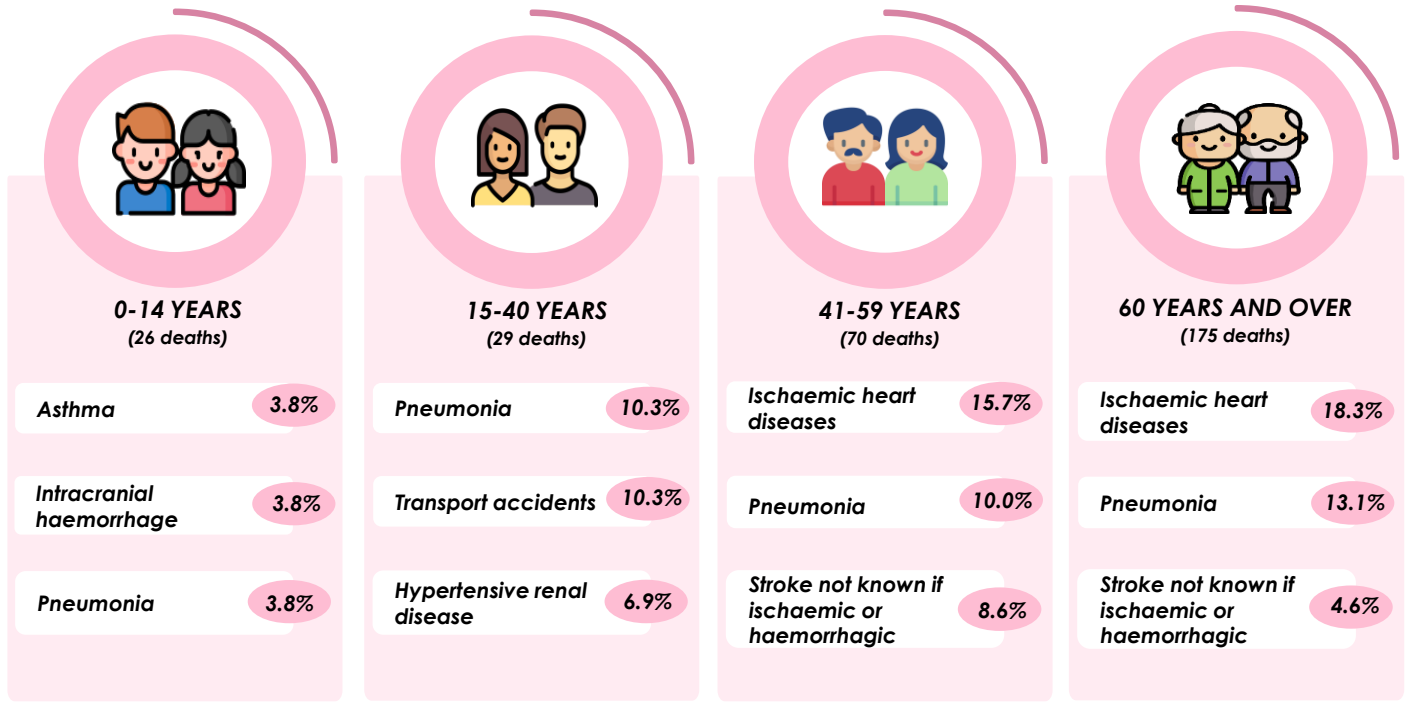
1	Ischaemic heart diseases	66.7%
2	Intracranial haemorrhage	33.3%

Note: No causes of death classified in ranking 3 to 5 for Indians.

THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, W.P. LABUAN, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, W.P. LABUAN, 2024



Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
W.P. LABUAN, 2024

Age group (Years)	Ischaemic heart diseases	Pneumonia	Stroke not known if ischaemic or haemorrhagic	Malignant neoplasms of bronchus or lung	Heart failure
Total	45	34	14	9	8
0	-	1 (2.9%)	-	-	-
1-4	-	-	-	-	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	1 (2.2%)	-	-	-	-
30-34	-	2 (5.9%)	-	-	-
35-39	1 (2.2%)	1 (2.9%)	-	-	-
40-44	2 (4.4%)	1 (2.9%)	-	1 (11.1%)	-
45-49	3 (6.7%)	2 (5.9%)	-	-	1 (12.5%)
50-54	3 (6.7%)	-	2 (14.3%)	-	1 (12.5%)
55-59	3 (6.7%)	4 (11.8%)	4 (28.6%)	2 (22.2%)	-
60-64	4 (8.9%)	1 (2.9%)	-	-	-
65-69	10 (22.2%)	4 (11.8%)	3 (21.4%)	1 (11.1%)	3 (37.5%)
70-74	4 (8.9%)	3 (8.8%)	1 (7.1%)	4 (44.4%)	1 (12.5%)
75-79	6 (13.3%)	5 (14.7%)	1 (7.1%)	1 (11.1%)	1 (12.5%)
80-84	4 (8.9%)	3 (8.8%)	1 (7.1%)	-	-
85 and over	4 (8.9%)	7 (20.6%)	2 (14.3%)	-	1 (12.5%)

NUMBER OF DEATHS, W.P. PUTRAJAYA, 2024



W.P. PUTRAJAYA



169 (56.0%)



302
deaths



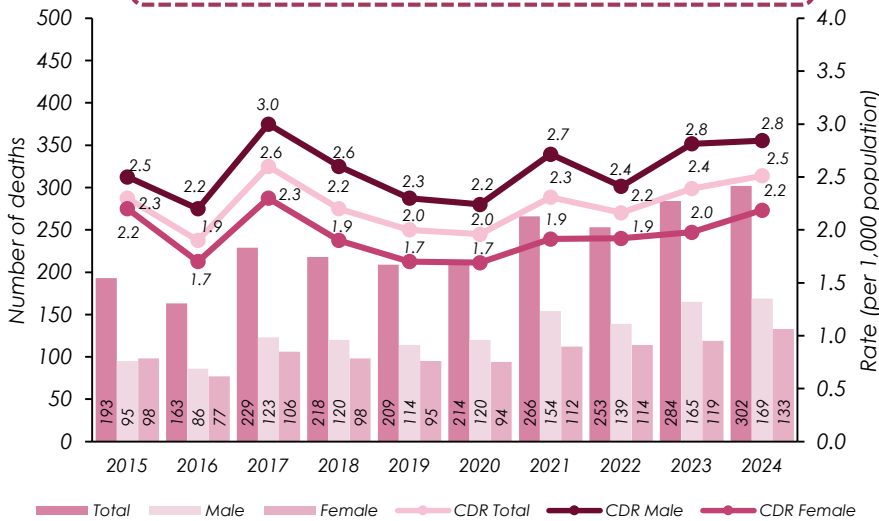
133 (44.0%)

AVERAGE

1 death per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),
W.P. PUTRAJAYA, 2015-2024

The number of deaths in 2024 increased **6.3 per cent**
(18 deaths) as compared to 2023 (284 deaths)



THE PRINCIPAL CAUSES OF DEATH¹



Ischaemic heart diseases
was the principal
causes of death in
W.P. Putrajaya in 2024

13.5%



**Ischaemic
heart diseases**

18.2%



**Malignant
neoplasms of breast**

14.6%



**Diseases of the circulatory
system complicating
pregnancy, childbirth or
the puerperium**
was the principal
causes of death for
maternal

100.0%

FIVE PRINCIPAL CAUSES OF DEATH¹ BY ICD-11 CHAPTER,
W.P. PUTRAJAYA, 2024

1

Neoplasms

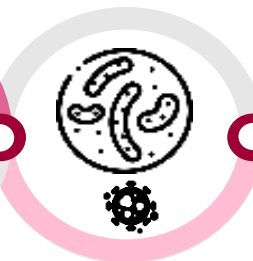
21.3%



3

**Certain infectious
or parasitic diseases**

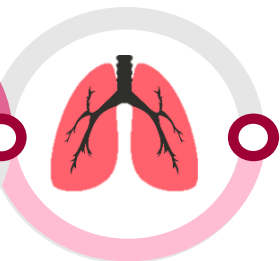
8.9%



5

**Diseases of the
respiratory system**

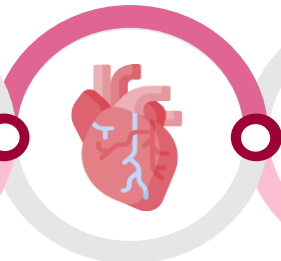
8.9%



2

**Diseases of the
circulatory system**

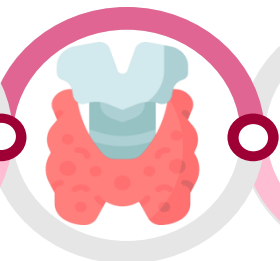
20.6%



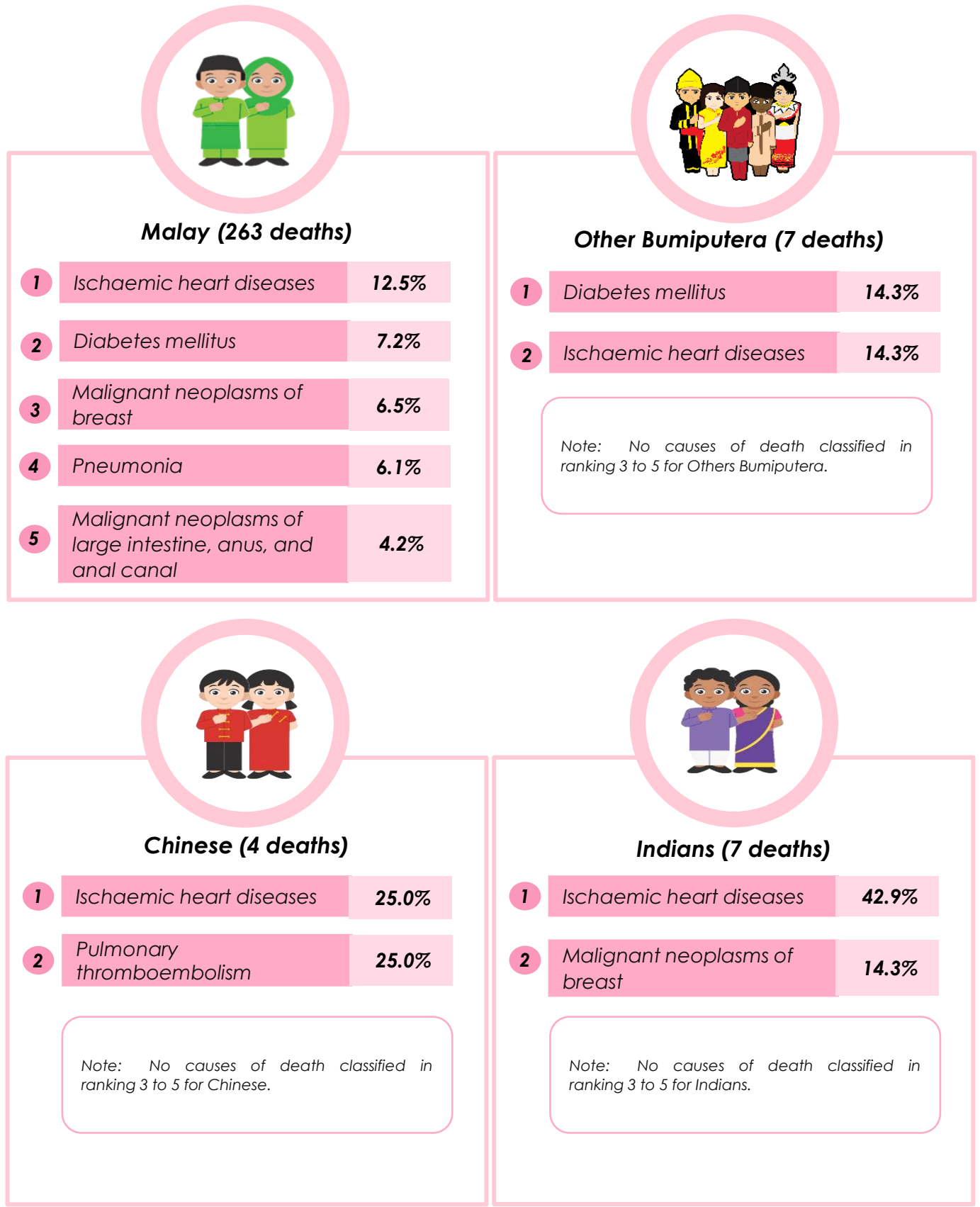
4

**Endocrine, nutritional
or metabolic diseases**

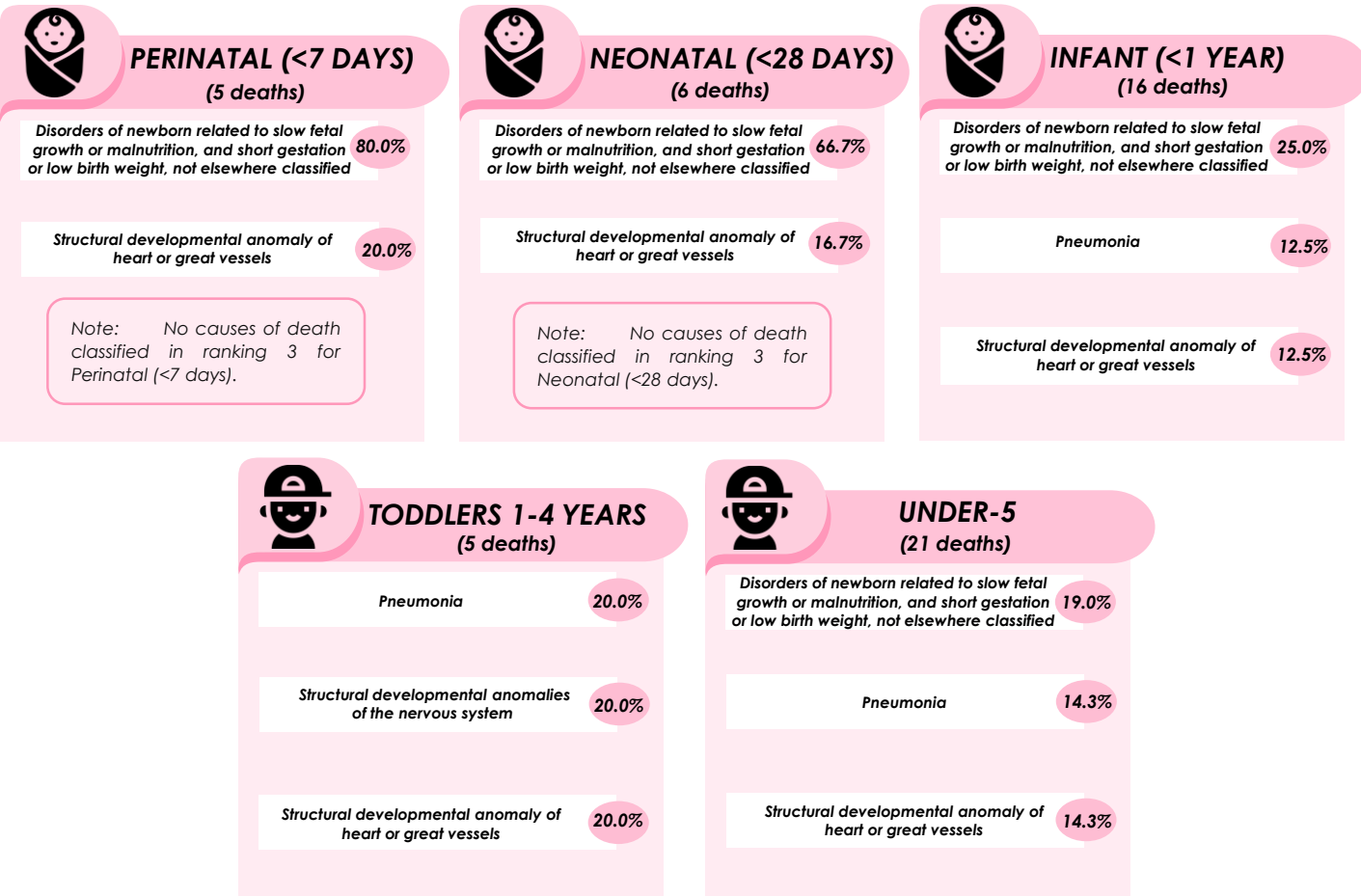
8.9%



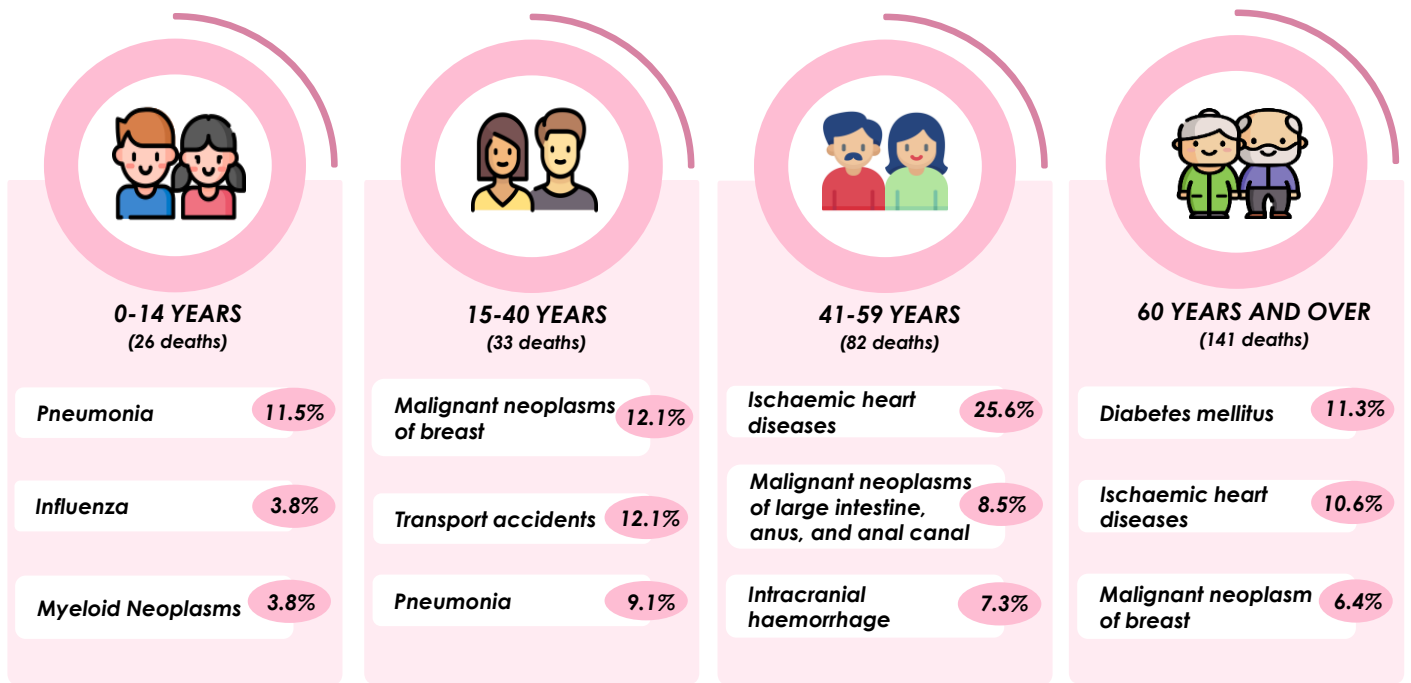
FIVE PRINCIPAL CAUSES OF DEATH¹ BY ETHNIC GROUP, W.P. PUTRAJAYA, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY CATEGORY, W.P. PUTRAJAYA, 2024



THREE PRINCIPAL CAUSES OF DEATH¹ BY AGE GROUP, W.P. PUTRAJAYA, 2024



Note: ¹The analysis is based on medically certified deaths

SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH¹ BY AGE GROUP,
W.P. PUTRAJAYA, 2024

Age group (Years)	Ischaemic heart diseases	Diabetes mellitus	Malignant neoplasms of breast	Pneumonia	Malignant neoplasms of large intestine, anus, and anal canal
Total	38	20	18	16	11
0	-	-	-	2 (12.5%)	-
1-4	-	-	-	1 (6.3%)	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	-	-	-	-	-
30-34	-	-	1 (5.6%)	2 (12.5%)	-
35-39	2 (5.3%)	-	2 (11.1%)	1 (6.3%)	-
40-44	3 (7.9%)	-	3 (16.7%)	1 (6.3%)	1 (9.1%)
45-49	9 (23.7%)	-	1 (5.6%)	1 (6.3%)	1 (9.1%)
50-54	4 (10.5%)	2 (10.0%)	1 (5.6%)	-	1 (9.1%)
55-59	5 (13.2%)	2 (10.0%)	1 (5.6%)	-	4 (36.4%)
60-64	3 (7.9%)	2 (10.0%)	4 (22.2%)	1 (6.3%)	-
65-69	4 (10.5%)	4 (20.0%)	2 (11.1%)	3 (18.8%)	2 (18.2%)
70-74	4 (10.5%)	4 (20.0%)	1 (5.6%)	1 (6.3%)	-
75-79	3 (7.9%)	3 (15.0%)	1 (5.6%)	1 (6.3%)	2 (18.2%)
80-84	1 (2.6%)	2 (10.0%)	1 (5.6%)	2(12.5%)	-
85 and over	-	1 (5.0%)	-	-	-

RINGKASAN PENEMUAN

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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1. PENGENALAN

Perangkaan Sebab Kematian, Malaysia, 2025 membentangkan statistik sebab kematian utama mengikut pengelasan bagi tahun 2024. Buat pertama kalinya, Jabatan Perangkaan Malaysia (DOSM) menggunakan *International Statistical Classification of Diseases and Related Health Problems, 11th Revision* (ICD-11) yang diterbitkan oleh *World Health Organization* (2022) untuk mengklasifikasikan sebab kematian. Bagi tahun selain 2024, pengelasan sebab kematian adalah menggunakan *International Statistical Classification of Diseases and Related Health Problems, 10th Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010).

Statistik yang dilaporkan di dalam penerbitan ini merujuk kepada rekod kematian yang didaftarkan di Jabatan Pendaftaran Negara, Kementerian Kesihatan Malaysia dan Polis Diraja Malaysia. Pengelasan terdiri daripada sebab kematian yang disahkan secara perubatan dan tidak disahkan secara perubatan seperti berikut:

a. Disahkan secara perubatan

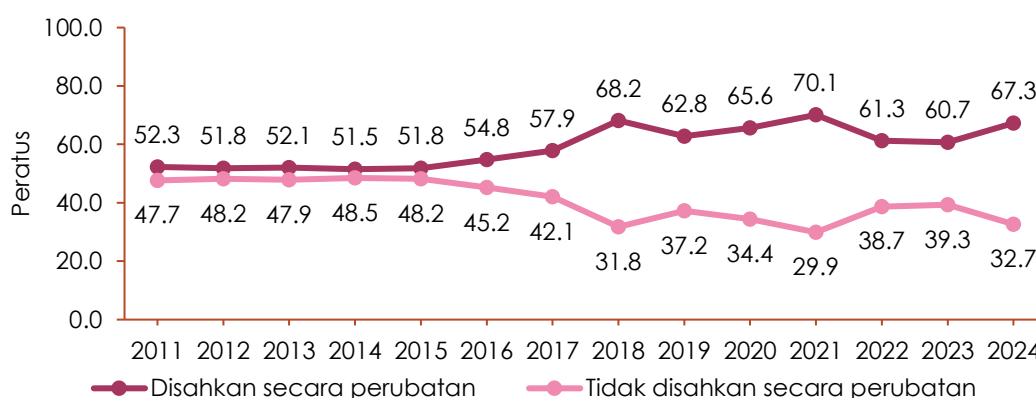
Pengesahan yang dibuat oleh pegawai perubatan dan koroner sahaja.

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 telah melaksanakan verifikasi data sebab kematian yang tidak disahkan secara perubatan di Malaysia untuk meningkatkan peratusan sebab kematian yang disahkan secara perubatan. Pada 2024, 67.3 peratus daripada 198,992 kematian merupakan kematian yang disahkan secara perubatan manakala 32.7 peratus adalah kematian yang tidak disahkan secara perubatan. Ringkasan penemuan ini membentangkan sebab kematian utama yang disahkan secara perubatan bagi 2024 di Malaysia.

Carta 1: Peratus sebab kematian disahkan secara perubatan dan tidak disahkan secara perubatan, Malaysia, 2011–2024



2. PENGGUNAAN INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND RELATED HEALTH PROBLEMS (ICD-11)

International Statistical Classification of Diseases and Related Health Problems (ICD) merupakan sistem klasifikasi yang telah diperkenalkan untuk tujuan rekod, analisis, interpretasi dan perbandingan data morbiditi dan mortaliti di peringkat antarabangsa. Malaysia telah menggunakan pengekodan ICD sejak tahun 1986 dan menerima pakai ICD-10 pada tahun 1999. ICD versi ke-sebelas (ICD-11) telah dimuktamadkan oleh pihak Pertubuhan Kesihatan Sedunia (WHO) semasa mesyuarat *World Health Assembly* yang ke-72 pada tahun 2019. Malaysia sebagai salah sebuah negara ahli adalah tertakluk kepada penggunaan versi klasifikasi penyakit yang terkini selaras dengan ketetapan dalam Artikel 2 dan 7 dokumen *WHO Nomenclature Regulations 1967*.

Malaysia secara rasmi telah mula menggunakan ICD-11 pada 1 Januari 2024, menggantikan sistem ICD-10 yang telah lama digunakan bagi meningkatkan ketepatan klasifikasi penyakit. ICD-11 adalah penting untuk membolehkan saling operasi (*interoperability*) antara sistem agar data yang direkod dapat digunakan semula untuk pelbagai tujuan seperti pelaporan statistik kesihatan, sokongan keputusan diagnosis (*diagnosis decision support*), perancangan sumber dan penyediaan garis panduan.

3. PENEMUAN UTAMA STATISTIK SEBAB KEMATIAN

- a. Bilangan kematian pada 2024 meningkat 1.0 peratus daripada 196,965 kematian (2023) kepada 198,992 kematian. Daripada jumlah tersebut, 67.3 peratus (133,844) adalah disahkan secara perubatan.
- b. *Ischaemic heart diseases* merupakan sebab kematian utama di Malaysia pada 2024 iaitu 17,421 kematian (13.0%).
- c. *Ischaemic heart diseases* dan *Pneumonia* adalah sebab kematian utama bagi lelaki dan perempuan dengan masing-masing merekodkan 12,112 dan 6,776 kematian.
- d. *Ischaemic heart diseases* merupakan sebab kematian utama bagi etnik Melayu dan India pada 2024 manakala etnik Cina dan Bumiputera Lain merekodkan *Pneumonia* sebagai sebab kematian utama.
- e. *Pneumonia* merupakan sebab kematian utama bagi kumpulan umur 0–14 tahun dan 60 tahun dan lebih, manakala *Transport accident* dan *Ischaemic heart diseases* masing-masing merupakan sebab kematian utama bagi kumpulan umur 15–40 tahun dan 41–59 tahun.
- f. *Ischaemic heart diseases* merupakan sebab kematian utama di 13 negeri manakala tiga lagi negeri iaitu Perak, Sabah dan Sarawak merekodkan *Pneumonia* sebagai sebab kematian utama.
- g. *Ischaemic heart diseases* merupakan sebab kematian utama di 83 daerah pentadbiran diikuti *Pneumonia* di 67 daerah pentadbiran.

4. KEMATIAN

Bilangan kematian meningkat 1.0 peratus pada tahun 2024

Bilangan kematian pada 2024 meningkat 1.0 peratus daripada 196,965 kematian (2023) kepada 198,992 kematian. Kadar kematian kasar (CDR) merekodkan penurunan daripada 5.9 kematian (2023) kepada 5.8 kematian bagi setiap 1,000 penduduk pada 2024. Kematian bagi kedua-dua jantina lelaki dan perempuan masing-masing merekodkan peningkatan daripada 112,293 kematian dan 84,672 kematian pada 2023 kepada 113,866 kematian dan 85,126 kematian pada 2024. CDR bagi lelaki dan perempuan masing-masing kekal tidak berubah daripada 6.4 kematian dan 5.3 kematian bagi setiap 1,000 penduduk pada 2024.

Jadual 1: Kematian (bilangan dan kadar) mengikut jantina, Malaysia, 2023 dan 2024

Tahun	Bilangan			Kadar (bagi setiap 1,000 penduduk)		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
2024	198,992	113,866	85,126	5.8	6.4	5.3
2023	196,965	112,293	84,672	5.9	6.4	5.3

5. SEBAB KEMATIAN UTAMA

a. Lima sebab kematian utama

Ischaemic heart diseases merupakan sebab kematian utama di Malaysia

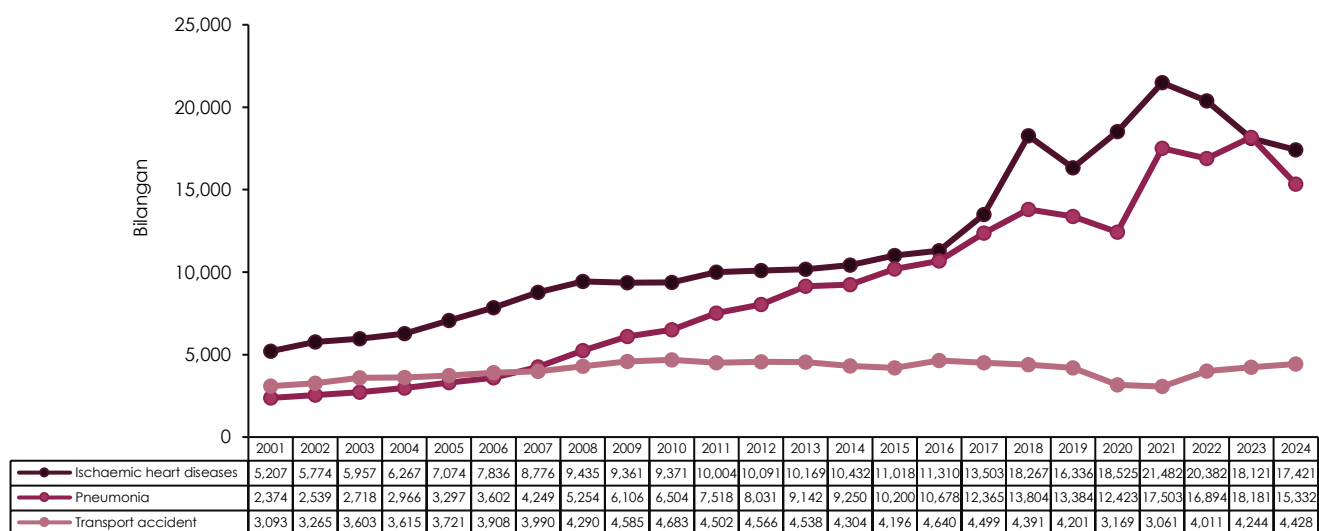
Ischaemic heart diseases merupakan sebab kematian utama pada 2024, iaitu 17,421 (13.0%) daripada 133,844 sebab kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (15,332 kematian; 11.5%), *Diabetes mellitus* (6,929 kematian; 5.2%), *Transport accidents* (4,428 kematian; 3.3%) dan *Kidney failure* (3,911 kematian; 2.9%).

Paparan 1: Lima sebab kematian utama, Malaysia, 2023 dan 2024

2023		2024	
15.2%	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	13.0%
15.1%	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	11.5%
7.2%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	5.2%
3.5%	<i>Transport accidents</i>	<i>Transport accidents</i>	3.3%
2.0%	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Kidney failure</i>	2.9%

Bagi tempoh 2001 hingga 2024, *Ischaemic heart diseases* meningkat daripada 5,207 kematian pada 2001 kepada 17,421 kematian pada 2024. *Pneumonia* turut meningkat daripada 2,374 kematian pada 2001 kepada 15,332 kematian pada 2024. Sementara itu, *Transport accident* menunjukkan trend yang tidak banyak berubah daripada 2001 iaitu 3,093 kematian kepada 4,428 kematian pada 2024.

Carta 2: Trend siri masa tiga sebab kematian utama terpilih, Malaysia, 2001-2024



b. Lima sebab kematian utama mengikut Bab ICD

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

Diseases of the circulatory system kekal sebagai sebab kematian utama mengikut Bab ICD pada 2024 dengan 27,848 kematian (20.8%). *Diseases of the respiratory system* turut kekal sebab kematian kedua tertinggi yang merekodkan 21,477 kematian (16.0%). Ini diikuti oleh *Neoplasms* (14.3%), *Certain infectious and parasitic diseases* (9.3%) dan *Diseases of the nervous system* (8.1%).

Paparan 2: Lima sebab kematian utama mengikut Bab ICD, Malaysia, 2023 dan 2024

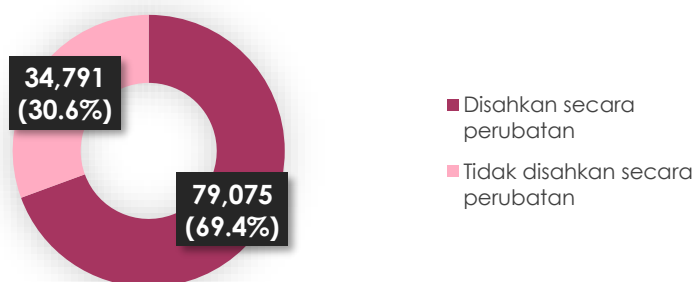
2023		2024	
29.4%	<i>Diseases of the circulatory system</i>	<i>Diseases of the circulatory system</i>	20.8%
20.6%	<i>Diseases of the respiratory system</i>	<i>Diseases of the respiratory system</i>	16.0%
13.8%	<i>Neoplasms</i>	<i>Neoplasms</i>	14.3%
7.7%	<i>Certain infectious and parasitic diseases</i>	<i>Certain infectious and parasitic diseases</i>	9.3%
7.4%	<i>External causes of morbidity and mortality</i>	<i>Diseases of the nervous system</i>	8.1%

6. SEBAB KEMATIAN UTAMA MENGIKUT JANTINA

a. *Ischaemic heart diseases* kekal sebab kematian utama bagi lelaki

Lelaki merekodkan bilangan kematian sebanyak 113,866 kematian pada 2024 iaitu 69.4 peratus (79,075 kematian) merupakan kematian yang disahkan secara perubatan manakala 30.6 peratus (34,791 kematian) adalah kematian yang tidak disahkan secara perubatan.

Carta 3: Klasifikasi sebab kematian bagi lelaki, Malaysia, 2024



Ischaemic heart diseases kekal sebagai sebab kematian utama bagi lelaki iaitu 12,112 kematian dengan 15.3 peratus daripada 79,075 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* yang merekodkan 8,556 kematian (10.8%), *Transport accidents* (3,774 kematian, 4.8%), *Diabetes mellitus* (3,553 kematian; 4.5%) dan *Kidney failure* (2,128 kematian; 2.7%).

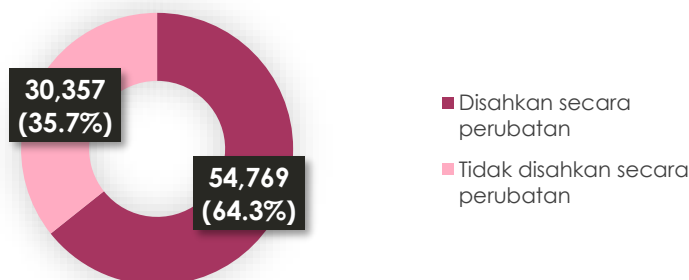
Paparan 3: Lima sebab kematian utama bagi lelaki, Malaysia, 2023 dan 2024

2023		2024	
17.6%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	15.3%
14.4%	<i>Pneumonia</i>	<i>Pneumonia</i>	10.8%
6.9%	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	4.8%
5.1%	<i>Transport accidents</i>	<i>Diabetes mellitus</i>	4.5%
2.2%	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Kidney failure</i>	2.7%

b. *Pneumonia* merupakan sebab kematian utama bagi perempuan

Perempuan merekodkan kematian sebanyak 85,126 kematian pada 2024 iaitu 64.3 peratus (54,769) merupakan kematian yang disahkan secara perubatan manakala 35.7 peratus (30,357) adalah kematian yang tidak disahkan secara perubatan.

Carta 4: Klasifikasi sebab kematian bagi perempuan, Malaysia, 2024



Pneumonia menjadi sebab kematian utama bagi perempuan dengan 12.4 peratus (6,776 kematian) daripada 54,769 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (5,309 kematian; 9.7%), *Diabetes mellitus* (3,376 kematian; 6.2%), *Malignant neoplasms of breast* (2,155 kematian; 3.9%) dan *Kidney failure* (1,783 kematian; 3.3%).

Paparan 4: Lima sebab kematian utama bagi perempuan, Malaysia, 2023 dan 2024

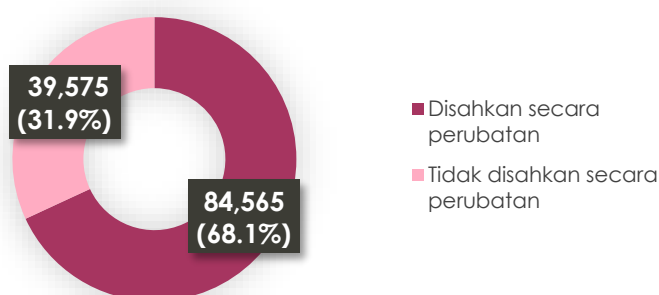
2023		2024	
16.4%	<i>Pneumonia</i>	<i>Pneumonia</i>	12.4%
11.5%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	9.7%
7.8%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	6.2%
3.5%	<i>Malignant neoplasm of breast</i>	<i>Malignant neoplasms of breast</i>	3.9%
2.1%	<i>Diabetes mellitus</i>	<i>Kidney failure</i>	3.3%

7. SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK UTAMA

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

Bumiputera terdiri daripada etnik Melayu dan Bumiputera Lain. Bumiputera merekodkan kematian sebanyak 124,140 kematian yang mana 68.1 peratus (84,565) merupakan kematian yang disahkan secara perubatan manakala 31.9 peratus (39,575) adalah kematian yang tidak disahkan secara perubatan pada 2024.

Carta 5: Klasifikasi sebab kematian bagi Bumiputera, Malaysia, 2024



Ischaemic heart diseases menjadi sebab kematian utama bagi Bumiputera iaitu 13.0 peratus atau 10,961 kematian daripada 84,565 kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (9,373 kematian; 11.1%), *Diabetes mellitus* (4,848 kematian; 5.7%), *Transport accidents* (3,230 kematian; 3.8%) dan *Kidney failure* (2,620 kematian; 3.1%).

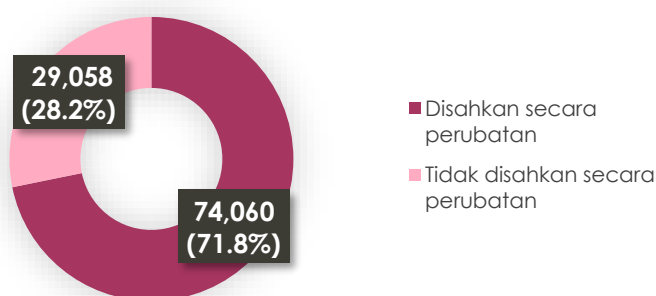
Paparan 5: Lima sebab kematian utama bagi Bumiputera, Malaysia, 2023 dan 2024

2023		2024	
14.9%	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	13.0%
14.9%	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	11.1%
7.7%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	5.7%
4.1%	<i>Transport accidents</i>	<i>Transport accidents</i>	3.8%
2.1%	<i>Chronic lower respiratory diseases</i>	<i>Kidney failure</i>	3.1%

b. *Ischaemic heart diseases* merupakan sebab kematian utama bagi etnik Melayu

Etnik Melayu merekodkan kematian sebanyak 103,118 kematian yang mana 71.8 peratus (74,060) merupakan kematian yang disahkan secara perubatan manakala 28.2 peratus (29,058) adalah kematian yang tidak disahkan secara perubatan pada 2024.

Carta 6: Klasifikasi sebab kematian bagi etnik Melayu, Malaysia, 2024



Ischaemic heart diseases merupakan sebab kematian utama bagi etnik Melayu iaitu 13.9 peratus atau 10,291 kematian daripada 74,060 kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* yang merekodkan (8,357 kematian; 11.3%), *Diabetes mellitus* (4,688 kematian; 6.3%), *Transport accidents* (2,900 kematian; 3.9%) dan *Kidney failure* (2,288 kematian; 3.1%).

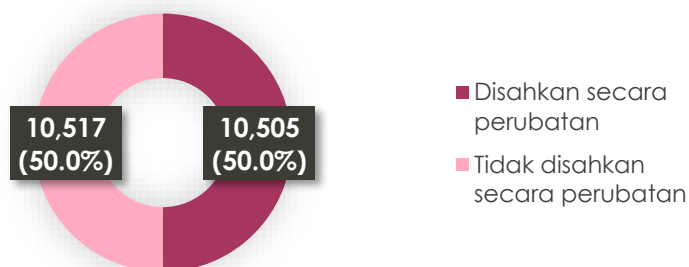
Paparan 6: Lima sebab kematian utama bagi etnik Melayu, Malaysia, 2023 dan 2024

2023		2024	
16.0%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	13.9%
15.3%	<i>Pneumonia</i>	<i>Pneumonia</i>	11.3%
7.9%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	6.3%
4.2%	<i>Transport accidents</i>	<i>Transport accidents</i>	3.9%
2.0%	<i>Diabetes mellitus</i>	<i>Kidney failure</i>	3.1%

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

Bumiputera Lain merekodkan kematian sebanyak 21,022 kematian iaitu 50.0 peratus (10,505) merupakan kematian yang disahkan secara perubatan manakala 50.0 peratus (10,517) adalah kematian yang tidak disahkan secara perubatan pada 2024.

Carta 7: Klasifikasi sebab kematian bagi Bumiputera Lain, Malaysia, 2024



Pneumonia kekal sebagai sebab kematian utama bagi Bumiputera Lain iaitu 1,016 kematian atau 9.7 peratus daripada 10,505 kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (670 kematian; 6.4%), *Kidney failure* (332 kematian; 3.2%), *Transport accidents* (330 kematian; 3.1%) dan *Intracranial haemorrhage* (285 kematian; 2.7%).

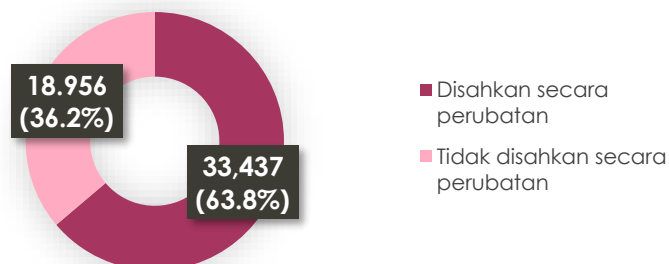
Paparan 7: Lima sebab kematian utama bagi Bumiputera Lain, Malaysia, 2023 dan 2024

2023		2024	
12.2%	<i>Pneumonia</i>	<i>Pneumonia</i>	9.7%
8.0%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	6.4%
6.9%	<i>Cerebrovascular diseases</i>	<i>Kidney failure</i>	3.2%
3.1%	<i>Chronic lower respiratory diseases</i>	<i>Transport accidents</i>	3.1%
2.9%	<i>Transport accidents</i>	<i>Intracranial haemorrhage</i>	2.7%

d. *Pneumonia* merupakan sebab kematian utama bagi etnik Cina

Etnik Cina merekodkan kematian sebanyak 52,393 kematian yang mana 63.8 peratus (33,437 kematian) merupakan kematian yang disahkan secara perubatan manakala 36.2 peratus (18,956 kematian) adalah kematian yang tidak disahkan secara perubatan pada 2024.

Carta 8: Klasifikasi sebab kematian bagi etnik Cina, Malaysia, 2024



Pneumonia merupakan sebab kematian utama bagi etnik Cina dengan 4,231 kematian atau 12.7 peratus daripada 33,437 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* yang merekodkan 3,877 kematian (11.6%), *Diabetes mellitus* (1,267 kematian; 3.8%), *Malignant neoplasm of bronchus or lung* (1,123 kematian; 3.4%) dan *Malignant neoplasms of large intestine, anus, and anal canal* (971 kematian; 2.9%).

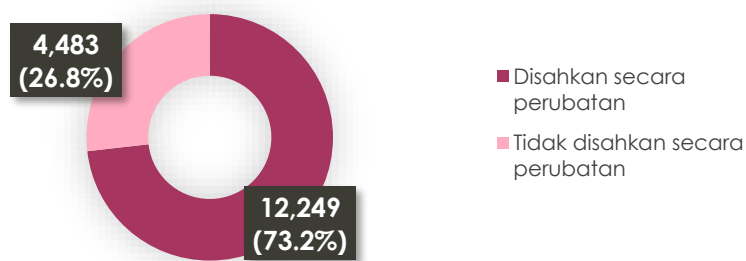
Paparan 8: Lima sebab kematian utama bagi etnik Cina, Malaysia, 2023 dan 2024

2023		2024	
16.4%	<i>Pneumonia</i>	<i>Pneumonia</i>	12.7%
14.0%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	11.6%
6.7%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	3.8%
3.0%	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Malignant neoplasm of bronchus or lung</i>	3.4%
2.9%	<i>Malignant neoplasm of colon, rectum and anus</i>	<i>Malignant neoplasms of large intestine, anus and anal canal</i>	2.9%

e. *Ischaemic heart diseases* merupakan sebab kematian utama bagi etnik India

Etnik India merekodkan kematian sebanyak 16,732 kematian yang mana 73.2 peratus (12,249 kematian) daripadanya merupakan kematian yang disahkan secara perubatan manakala 26.8 peratus (4,483 kematian) adalah kematian yang tidak disahkan secara perubatan pada 2024.

Carta 9: Klasifikasi sebab kematian bagi etnik India, Malaysia, 2024



Ischaemic heart diseases menjadi sebab kematian utama bagi etnik India iaitu 17.6 peratus atau 2,161 kematian daripada 12,249 kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* yang merekodkan 1,346 kematian (11.0%), *Diabetes mellitus* (669 kematian; 5.5%), *Transport accidents* (516 kematian; 4.2%) dan *Kidney failure* (339 kematian; 2.8%).

Paparan 9: Lima sebab kematian utama bagi etnik India, Malaysia, 2023 dan 2024

2023		2024	
20.6%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	17.6%
14.3%	<i>Pneumonia</i>	<i>Pneumonia</i>	11.0%
5.4%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	5.5%
4.7%	<i>Transport accidents</i>	<i>Transport accidents</i>	4.2%
2.7%	<i>Diseases of the liver</i>	<i>Kidney failure</i>	2.8%

8. SEBAB KEMATIAN UTAMA BAGI IBU BERSALIN

Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium merupakan sebab kematian utama bagi ibu bersalin

Kematian ibu bersalin menurun daripada 117 kematian pada 2023 kepada 101 kematian pada 2024. Nisbah mortaliti ibu bersalin menunjukkan penurunan daripada 25.7 (2023) kepada 24.3 bagi setiap 100,000 kelahiran hidup.

Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium merupakan sebab kematian utama bagi ibu bersalin pada 2024 dengan 17.8 peratus atau 18 kematian. Ini diikuti oleh *Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium* (16 kematian; 15.8%), *Obstetric blood-clot embolism* (13 kematian; 12.9%), *Postpartum haemorrhage* (10 kematian; 9.9%) dan *Amniotic fluid embolism* (7 kematian; 6.9%).

Paparan 10: Lima sebab kematian utama bagi ibu bersalin, Malaysia, 2023 dan 2024

2023		2024	
15.4%	Ectopic pregnancy	<i>Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium</i>	17.8%
14.5%	Obstetric embolism	<i>Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium</i>	15.8%
12.8%	<i>Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium</i>	Obstetric blood-clot embolism	12.9%
9.4%	Postpartum haemorrhage	Postpartum hemorrhage	9.9%
7.7%	<i>Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium</i>	Amniotic fluid embolism	6.9%

9. SEBAB KEMATIAN UTAMA BAGI BAYI (KURANG 1 TAHUN)

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified adalah sebab kematian utama bagi bayi kurang 1 tahun

Bilangan kematian bayi menurun kepada 2,974 kematian pada 2024 berbanding 3,054 kematian pada 2023. Kadar kematian bayi meningkat daripada 6.7 (2023) kepada 7.2 bagi setiap 1,000 kelahiran hidup.

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified merupakan sebab kematian utama bagi bayi pada 2024 dengan 20.6 peratus (589 kematian). Ini diikuti *Structural developmental anomaly of heart or great vessels* (345 kematian; 12.1%), *Chromosomal anomalies, excluding gene mutations* (300 kematian; 10.5%), *Respiratory disorders specific to the perinatal or neonatal period* (189 kematian; 6.6%) dan *Pneumonia* (138 kematian; 4.8%).

Paparan 11: Lima sebab kematian utama bagi bayi, Malaysia, 2023 dan 2024

2023		2024	
44.2%	Certain conditions originating in the perinatal period	<i>Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified</i>	20.6%
30.8%	Congenital malformations, deformations and chromosomal	<i>Structural developmental anomaly of heart or great vessels</i>	12.1%
1.9%	Pneumonia	<i>Chromosomal anomalies, excluding gene mutations</i>	10.5%
0.7%	Whooping cough	<i>Respiratory disorders specific to the perinatal or neonatal period</i>	6.6%
0.6%	Meningitis	<i>Pneumonia</i>	4.8%

10. SEBAB KEMATIAN UTAMA BAGI KEMATIAN KANAK-KANAK KURANG DARIPADA LIMA TAHUN

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified kekal menjadi sebab kematian utama bagi kanak-kanak kurang daripada lima tahun

Kematian kanak-kanak kurang daripada lima tahun menurun daripada 3,763 kematian (2023) kepada 3,602 kematian pada 2024. Kadar mortaliti kanak-kanak kurang daripada 5 tahun meningkat daripada 8.3 (2023) kepada 8.7 kematian bagi setiap 1,000 kelahiran hidup.

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified menjadi sebab kematian utama bagi kanak-kanak kurang daripada lima tahun pada 2024 dengan 17.1 peratus (593 kematian) daripada 3,475 kematian yang disahkan secara perubatan. Ini diikuti oleh *Structural developmental anomaly of heart or great vessels* (398 kematian; 11.5%), *Chromosomal anomalies, excluding gene mutations* (326 kematian, 9.4%), *Respiratory disorders specific to the perinatal or neonatal period* (195 kematian, 5.6%) dan *Pneumonia* (189 kematian; 5.4%).

Paparan 12: Lima sebab kematian utama bagi kanak-kanak kurang daripada lima tahun, Malaysia, 2023 dan 2024

2023		2024	
36.4%	Certain conditions originating in the perinatal period	<i>Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified</i>	17.1%
27.5%	Congenital malformations, deformations and chromosomal	<i>Structural developmental anomaly of heart or great vessels</i>	11.5%
2.6%	Pneumonia	<i>Chromosomal anomalies, excluding gene mutations</i>	9.4%
1.5%	Transport accidents	<i>Respiratory disorders specific to the perinatal or neonatal period</i>	5.6%
0.7%	Meningitis	Pneumonia	5.4%

11. SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR

a. Penduduk berumur 0-14 tahun

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

Kematian penduduk berumur 0-14 tahun menurun daripada 4,933 kematian kepada 4,688 kematian pada 2024. *Pneumonia* adalah sebab kematian utama bagi penduduk berumur 0-14 tahun pada 2024 iaitu (244 kematian) atau 5.6 peratus daripada 4,347 kematian yang disahkan secara perubatan. Ini diikuti oleh *Transport accidents* (165 kematian; 3.8%), *Unintentional immersion, submersion or falling into water* (117 kematian; 2.7%), *Neoplasms of brain or central nervous system* (47 kematian; 1.1%) dan *Metabolic disorders* (44 kematian; 1.0%).

Paparan 13: Lima sebab kematian utama bagi penduduk berumur 0-14 tahun, Malaysia, 2023 dan 2024

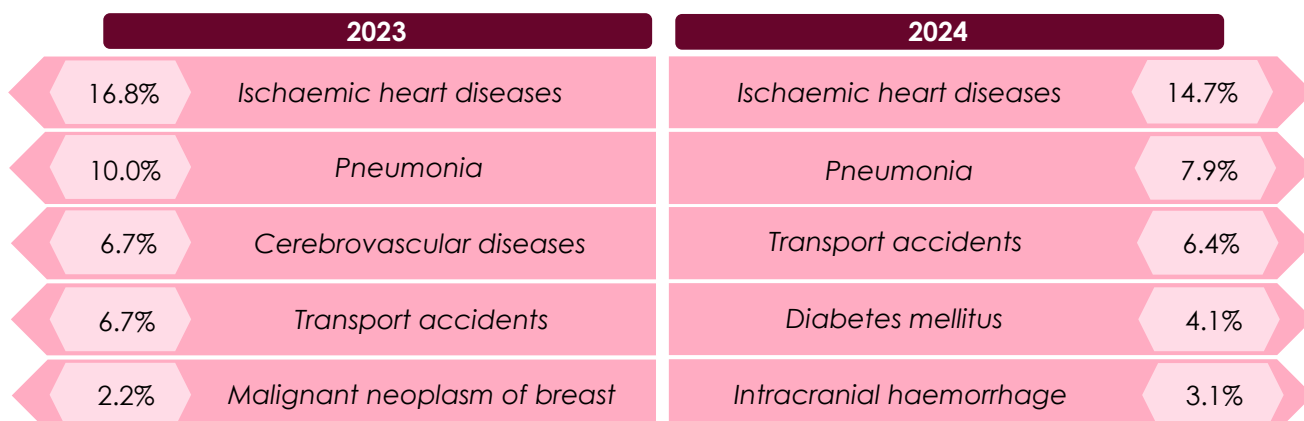
2023		2024	
3.7%	<i>Transport accidents</i>	<i>Pneumonia</i>	5.6%
3.2%	<i>Pneumonia</i>	<i>Transport accidents</i>	3.8%
1.5%	<i>Leukaemia</i>	<i>Unintentional immersion, submersion or falling into water</i>	2.7%
1.1%	<i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	<i>Neoplasms of brain or central nervous system</i>	1.1%
0.8%	<i>Cerebrovascular diseases</i>	<i>Metabolic disorders</i>	1.0%

b. Penduduk berumur 15-64 tahun

***Ischaemic heart diseases* kekal sebab kematian utama bagi penduduk berumur 15-64 tahun**

Kematian penduduk berumur 15-64 tahun meningkat daripada 73,820 (2023) kepada 75,202 pada 2024. *Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 64 tahun pada 2024 iaitu 14.7 peratus (8,427 kematian) daripada 57,273 kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (4,552 kematian; 7.9%), *Transport accidents* (3,656 kematian; 6.4%), *Diabetes mellitus* (2,362 kematian; 4.1%) dan *Intracranial haemorrhage* (1,749 kematian; 3.1%).

Paparan 14: Lima sebab kematian utama penduduk berumur 15-64 tahun, Malaysia, 2023 dan 2024

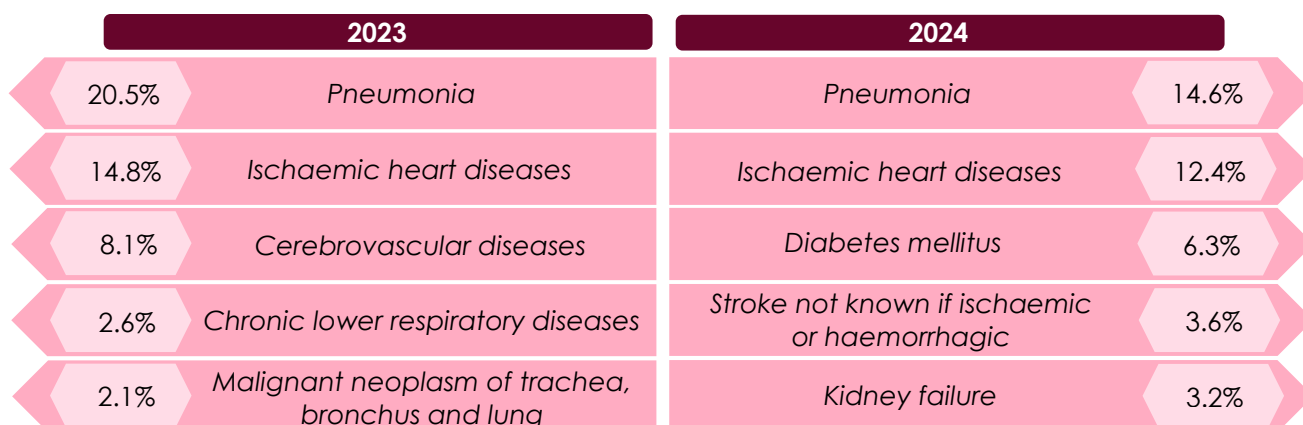


c. Penduduk berumur 65 tahun dan lebih

Pneumonia kekal sebagai sebab kematian utama bagi penduduk berumur 65 tahun dan lebih

Kematian penduduk berumur 65 tahun dan lebih meningkat kepada 119,102 kematian pada 2024 berbanding 118,212 kematian (2023). *Pneumonia* kekal sebagai sebab kematian utama bagi penduduk berumur 65 tahun dan lebih pada 2024 iaitu 14.6 peratus daripada 72,224 kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (8,987 kematian; 12.4%), *Diabetes mellitus* (4,565 kematian; 6.3%), *Stroke not known if ischaemic or haemorrhagic* (2,601 kematian; 3.6%) dan *Kidney failure* (2,323 kematian; 3.2%).

Paparan 15: Lima sebab kematian utama penduduk berumur 65 tahun dan lebih, Malaysia, 2023 dan 2024



d. Penduduk berumur 15-40 tahun

Transport accidents kekal sebagai sebab kematian utama bagi penduduk berumur 15-40 tahun

Kematian penduduk berumur 15–40 tahun merekodkan peningkatan daripada 14,600 kematian (2023) kepada 15,360 kematian pada 2024. *Transport accidents* menjadi sebab kematian utama bagi penduduk berumur 15-40 tahun pada 2024 iaitu 20.0 peratus (2,547 kematian) daripada 12,724 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (950 kematian; 7.5%), *Pneumonia* (742 kematian; 5.8%), *Intentional self-harm* (660 kematian; 5.2%) dan *Intracranial haemorrhage* (340 kematian; 2.7%).

Paparan 16: Lima sebab kematian utama bagi penduduk berumur 15-40 tahun, Malaysia, 2023 dan 2024

2023		2024	
20.1%	<i>Transport accidents</i>	<i>Transport accidents</i>	20.0%
8.3%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	7.5%
7.2%	<i>Pneumonia</i>	<i>Pneumonia</i>	5.8%
5.0%	<i>Intentional self-harm</i>	<i>Intentional self-harm</i>	5.2%
3.6%	<i>Cerebrovascular diseases</i>	<i>Intracranial haemorrhage</i>	2.7%

Nota:

1. *Intentional self-harm* merujuk kepada bunuh diri
2. Dasar Pembangunan Belia Negara mendefinisikan belia sebagai individu yang berumur 15-40 tahun

e. Penduduk berumur 41-59 tahun

Ischaemic heart diseases kekal sebagai sebab kematian utama bagi penduduk berumur 41-59 tahun

Kematian penduduk berumur 41-59 tahun meningkat daripada 39,767 kematian (2023) kepada 40,172 kematian pada 2024. *Ischaemic heart diseases* kekal sebagai sebab kematian utama bagi penduduk berumur 41-59 tahun pada 2024 iaitu 5,380 kematian atau 17.6 peratus daripada kematian yang disahkan secara perubatan (30,611). Ini diikuti oleh *Pneumonia* (2,357 kematian; 7.7%), *Diabetes mellitus* (1,347 kematian; 4.4%), *Intracranial haemorrhage* (1,072 kematian; 3.5%) dan *Malignant neoplasms of breast* (979 kematian; 3.2%).

Paparan 17: Lima sebab kematian utama penduduk berumur 41-59 tahun, Malaysia, 2023 dan 2024

2023	2024
19.8% <i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i> 17.6%
9.8% <i>Pneumonia</i>	<i>Pneumonia</i> 7.7%
7.6% <i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i> 4.4%
3.2% <i>Transport accidents</i>	<i>Intracranial haemorrhage</i> 3.5%
2.7% <i>Malignant neoplasm of breast</i>	<i>Malignant neoplasms of breast</i> 3.2%

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

f. Penduduk berumur 60 tahun dan lebih

***Pneumonia* menjadi sebab kematian utama bagi penduduk berumur 60 tahun dan lebih**

Kematian penduduk berumur 60 tahun dan lebih merekodkan peningkatan daripada 137,665 kematian (2023) kepada 138,772 kematian pada 2024. *Pneumonia* menjadi sebab kematian utama bagi penduduk berumur 60 tahun dan lebih pada 2024 iaitu 13.9 peratus (11,989 kematian) daripada 86,162 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (11,084 kematian; 12.9%), *Diabetes mellitus* (5,413 kematian; 6.3%), *Stroke not known if ischaemic or haemorrhagic* (2,910 kematian; 3.4%) dan *Kidney failure* (2,766 kematian; 3.2%).

Paparan 18: Lima sebab kematian utama penduduk berumur 60 tahun dan lebih, Malaysia, 2023 dan 2024

2023	2024
19.3% <i>Pneumonia</i>	<i>Pneumonia</i> 13.9%
15.3% <i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i> 12.9%
8.1% <i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i> 6.3%
2.4% <i>Chronic lower respiratory diseases</i>	<i>Stroke not known if ischaemic or haemorrhagic</i> 3.4%
2.2% <i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Kidney failure</i> 3.2%

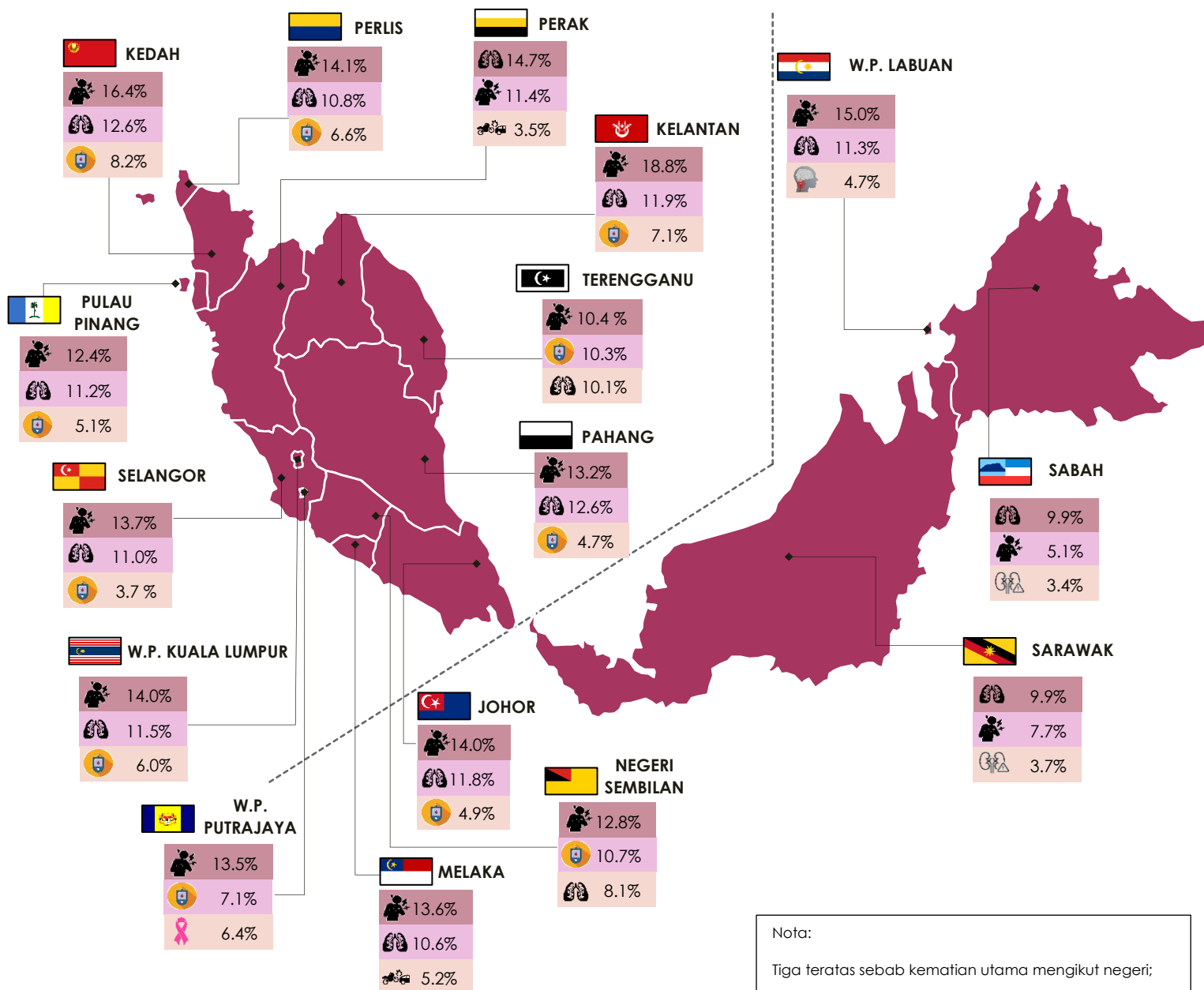
Nota:

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

12. SEBAB KEMATIAN UTAMA MENGIKUT NEGERI

Ischaemic heart diseases merupakan sebab kematian utama bagi 13 negeri kecuali tiga negeri iaitu Perak, Sabah dan Sarawak yang merekodkan sebagai *Pneumonia* sebagai sebab kematian utama.

Paparan 19: Tiga sebab kematian utama mengikut negeri, Malaysia, 2024



Kedudukan:

1

2

3

Nota:

Tiga teratas sebab kematian utama mengikut negeri;

*Ischaemic heart diseases**Pneumonia**Diabetes Mellitus**Kidney failure**Transport accidents**Stroke not known if ischaemic or haemorrhagic**Malignant neoplasms of breast*

13. SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN

Ischaemic heart diseases merupakan sebab kematian utama di 79 daerah pentadbiran

Ischaemic heart diseases merupakan sebab kematian utama di 79 daerah pentadbiran iaitu 50.6 peratus daripada keseluruhan daerah pentadbiran. Sementara itu, *Pneumonia* merupakan sebab kematian utama di 67 daerah pentadbiran iaitu 42.9 peratus.

Selain itu, lima daerah merekodkan *Diabetes Mellitus* sebagai sebab kematian utama. Manakala, *Kidney failure* dan *Heart failure* masing-masing direkodkan sebagai sebab kematian utama di dua daerah. *Metabolic disorders* menjadi sebab kematian utama di satu daerah.

Jadual 2: Sebab kematian utama mengikut daerah pentadbiran, Malaysia, 2024

Sebab kematian utama	Bilangan daerah pentadbiran
<i>Ischaemic heart diseases</i>	79
<i>Pneumonia</i>	67
<i>Diabetes mellitus</i>	5
<i>Kidney failure</i>	2
<i>Heart failure</i>	2
<i>Metabolic disorders</i>	1

14. SEBAB KEMATIAN UTAMA MENGIKUT STRATA

***Ischaemic heart diseases* merupakan sebab kematian utama di bandar dan luar bandar**

Ischaemic heart diseases merupakan sebab kematian utama di bandar pada 2024 iaitu 13.1 peratus atau 12,184 kematian daripada 93,075 kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* yang merekodkan 10,597 kematian (11.4%), *Diabetes mellitus* (4,481 kematian; 4.8%), *Transport accidents* (3,033 kematian; 3.3%) dan *Kidney failure* (2,641 kematian; 2.8%).

Paparan 20: Lima sebab kematian utama mengikut strata (bandar), Malaysia, 2023 dan 2024

2023		2024	
15.3%	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>	13.1%
15.3%	<i>Pneumonia</i>	<i>Pneumonia</i>	11.4%
6.9%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	4.8%
3.3%	<i>Transport accidents</i>	<i>Transport accidents</i>	3.3%
2.1%	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Kidney failure</i>	2.8%

Bagi luar bandar, *Ischaemic heart diseases* merupakan sebab kematian utama pada 2024 yang mencatatkan 12.8 peratus atau 5,237 kematian daripada 40,769 kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (4,735 kematian; 11.6%), *Diabetes mellitus* (2,448 kematian; 6.0%), *Transport accidents* (1,395 kematian; 3.4%) dan *Stroke not known if ischaemic or haemorrhagic* (1,281 kematian; 3.1%).

Paparan 21: Lima sebab kematian utama mengikut strata (luar bandar), Malaysia, 2023 dan 2024

2023		2024	
15.1%	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	12.8%
14.7%	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	11.6%
7.9%	<i>Cerebrovascular diseases</i>	<i>Diabetes mellitus</i>	6.0%
4.0%	<i>Transport accidents</i>	<i>Transport accidents</i>	3.4%
2.5%	<i>Chronic lower respiratory diseases</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>	3.1%

15. INDIKATOR SDG TERPILIH YANG BERKAITAN DENGAN PERANGKAAAN SEBAB KEMATIAN

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

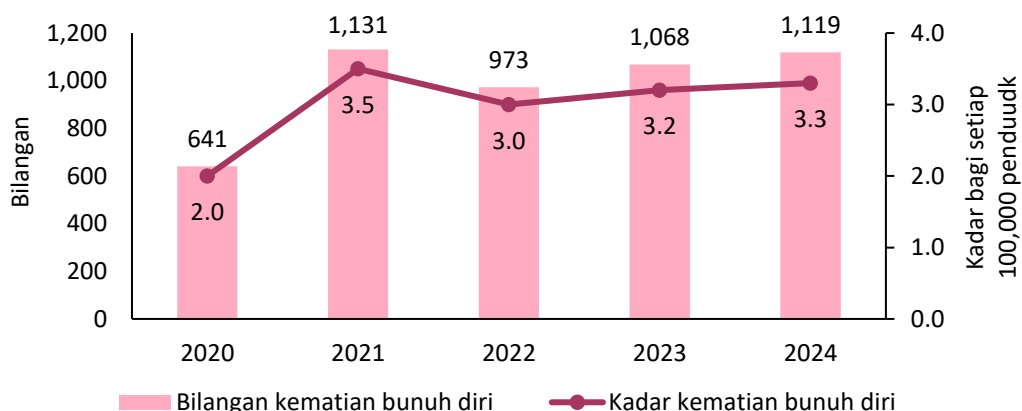
Kematian pramatang merujuk kepada kematian yang berlaku di antara umur 30 hingga 69 tahun. Kadar kematian bagi penyakit tersebut meningkat pada 2024 berbanding 2023 kecuali *Chronic respiratory diseases* yang merekodkan penurunan daripada 15.8 kematian kepada 13.9 kematian bagi setiap 100,000 penduduk berumur 30-69 tahun. Antara empat penyakit tersebut, *Cardiovascular diseases* mencatatkan kadar kematian tertinggi. *Diabetes* juga turut merekodkan peningkatan tertinggi iaitu daripada 6.3 kepada 20.7 bagi setiap 100,000 penduduk berumur 30 hingga 69 tahun.

Jadual 3: Kadar kematian disebabkan oleh *Cardiovascular diseases*, *Cancer*, *Diabetes* dan *Chronic respiratory diseases*, Malaysia, 2023 dan 2024

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>
2024	132.0	73.7	20.7	13.9
2023	130.5	66.0	6.3	15.8

Indikator 3.4.2: Kadar kematian bunuh diri

Bilangan kematian bunuh diri di Malaysia telah menunjukkan peningkatan daripada 1,068 kematian pada 2023 kepada 1,119 kematian pada 2024. Sementara itu, kadar kematian bunuh diri meningkat daripada 3.2 kematian pada 2023 kepada 3.3 kematian bagi setiap 100,000 penduduk pada 2024.

Carta 10: Bilangan dan kadar kematian bunuh diri, Malaysia, 2020-2024**Jadual 4: Bilangan dan kadar kematian bunuh diri mengikut negeri kejadian, Malaysia, 2020-2024**

Negeri	Bilangan					Kadar (bagi setiap 100,000 penduduk)				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Malaysia	641	1,131	973	1,068	1,119	2.0	3.5	3.0	3.2	3.3
Johor	104	162	138	123	172	2.6	4.0	3.4	3.0	4.1
Kedah	17	64	48	44	40	0.8	3.0	2.2	2.0	1.8
Kelantan	30	14	11	21	16	1.7	0.8	0.6	1.1	0.8
Melaka	20	27	16	23	14	2.0	2.7	1.6	2.2	1.3
Negeri Sembilan	44	52	39	57	42	3.7	4.3	3.2	4.7	3.4
Pahang	38	47	42	40	27	2.4	2.9	2.6	2.4	1.6
Perak	55	115	110	98	113	2.2	4.6	4.4	3.9	4.4
Perlis	1	5	4	6	2	0.4	1.7	1.4	2.0	0.7
Pulau Pinang	66	113	84	123	114	3.8	6.5	4.8	6.9	6.3
Sabah	50	51	55	33	41	1.5	1.5	1.6	0.9	1.1
Sarawak	40	59	41	45	63	1.6	2.4	1.7	1.8	2.5
Selangor	91	277	268	305	280	1.3	3.9	3.8	4.2	3.8
Terengganu	15	14	8	13	11	1.3	1.2	0.7	1.1	0.9
W.P. Kuala Lumpur	65	124	107	135	182	3.3	6.3	5.5	6.7	8.8
W.P. Labuan	-	4	2	2	1	-	4.2	2.1	2.0	1.0
W.P. Putrajaya	5	3	-	-	1	4.6	2.6	-	-	0.8

16. SEBAB KEMATIAN UTAMA NEGARA TERPILIH

a. Sebab kematian utama mengikut negara ASEAN

Stroke, Cancer, Cardiovascular diseases dan Ischaemic heart diseases merupakan sebab kematian utama bagi negara ASEAN pada 2023.

Paparan 22: Penduduk, kadar kematian kasar dan sebab kematian utama mengikut negara ASEAN, 2023



Brunei
Darussalam



Cambodia



Indonesia



Lao PDR



Malaysia

Penduduk (juta)	0.5	17.4	278.7	7.5	33.4
CDR (setiap 1,000 penduduk)	4.3	6.5	6.4	6.8	5.9
Sebab kematian utama	<i>Cardiovascular diseases</i>	<i>Cardiovascular diseases</i>	<i>Stroke</i>	<i>Stroke</i>	<i>Pneumonia</i>



Myanmar



Philippines



Singapore



Thailand



Viet Nam

Penduduk (juta)	56.2	112.7	5.9	72.0	100.3
CDR (setiap 1,000 penduduk)	9.2	6.2	6.0	8.5	6.6
Sebab kematian utama	<i>Stroke</i>	<i>Ischaemic heart diseases</i>	<i>Cancer</i>	<i>Cancer</i>	<i>Cancer</i>

Sumber data: *World Health Organization*, Pejabat Statistik Negara dan Kementerian Kesihatan Negara terpilih

b. Sebab kematian utama mengikut negara terpilih

Cancer, Dementia and Alzheimers disease dan *Ischaemic heart diseases* merupakan sebab kematian utama bagi negara terpilih pada 2023.

Paparan 23: Penduduk, kadar kematian kasar dan sebab kematian utama mengikut negara terpilih, 2023

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

Penduduk (juta)	27.0	68.3	334.9	124.4	40.5	51.8
CDR (setiap 1,000 penduduk)	7.3	9.6	8.0	12.9	8.1	6.9
Sebab kematian utama	<i>Ischaemic heart diseases</i>	<i>Dementia and Alzheimers disease</i>	<i>Heart diseases</i>	<i>Cancer</i>	<i>Cancer</i>	<i>Cancer</i>

Sumber data: Pejabat Statistik Negara dan Kementerian Kesihatan Negara terpilih

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SUMMARY OF FINDINGS

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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1. INTRODUCTION

Statistics on Causes of Death, Malaysia, 2025 presents the principal causes of death statistics by classification for 2024. For the first time, Department of Statistics Malaysia (DOSM) classify causes of death using International Statistical Classification of Diseases and Related Health Problems, 11th Revision (ICD-11) published by World Health Organization (2022). For the year other than 2024, causes of death classification used International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10) published by World Health Organization (2010).

The statistics reported in this publication refer to deaths data registered at the National Registration Department, Ministry of Health and Royal Malaysia Police. The classification for causes of death comprises medically certified and non-medically certified as follows:

a. Medically certified

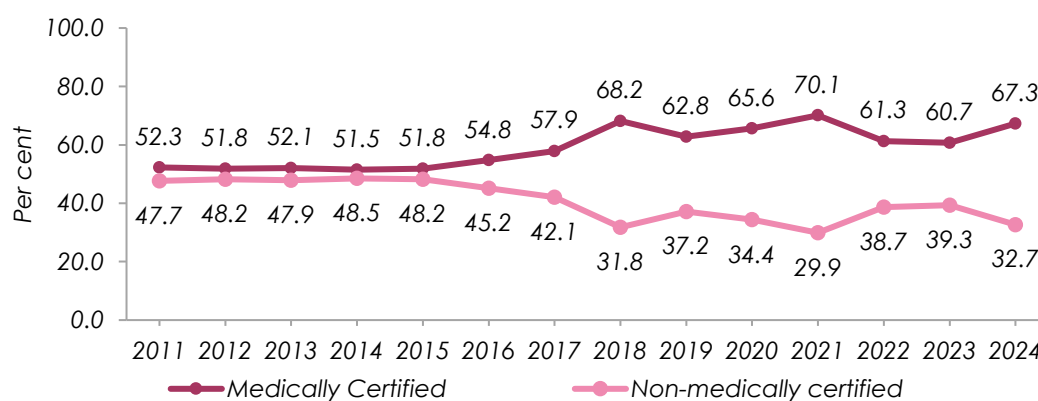
Verification made by medical officer and coroner only.

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 implemented the verification of non-medically certified causes of death in Malaysia to improve the percentage of medically certified deaths. In 2024, 67.3 per cent of 198,992 deaths were classified as medically certified deaths, while 32.7 per cent was non-medically certified deaths. This summary of findings presents the medically certified principal causes of death in Malaysia for 2024.

Chart 1: Percentage of medically certified and non-medically certified causes of death, Malaysia, 2011–2024



2. THE USE OF THE INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES AND RELATED HEALTH PROBLEMS (ICD-11)

The International Statistical Classification of Diseases and Related Health Problems (ICD) is a classification system designed to record, analyse, interpret and compare morbidity and mortality data at the international level. Malaysia has been using ICD coding since 1986 and adopted ICD-10 in 1999. The eleventh version of the ICD (ICD-11) was finalised by the World Health Organisation (WHO) during the 72nd World Health Assembly in 2019. Malaysia, as a member country, is subject to the use of the latest version of the disease classification in accordance with the provisions in Articles 2 and 7 of the WHO Nomenclature Regulations 1967.

Malaysia has officially started using ICD-11 on 1st January 2024, replacing the long-used ICD-10 to improve the accuracy of disease classification. ICD-11 is important to enable interoperability between systems so that recorded data can be reused for various purposes such as health statistics reporting, diagnosis decision support, resource planning and guideline preparation.

3. MAIN FINDINGS OF STATISTICS ON CAUSES OF DEATH

- a. The number of deaths in 2024 increased 1.0 per cent from 196,965 deaths (2023) to 198,992 deaths. Out of this total, 67.3 per cent (133,844) was medically certified.
- b. Ischaemic heart diseases as the principal causes of death in Malaysia which recorded 17,421 deaths (13.0%) in 2024.
- c. Ischaemic heart diseases and Pneumonia were the principal causes of death for males and females, with 12,112 and 6,776 deaths, respectively.
- d. Ischaemic heart diseases was the principal causes of death for Malay and Indians in 2024 while Chinese and Other Bumiputera recorded Pneumonia as principal causes of death.
- e. Pneumonia was the principal causes of death for age groups 0-14 years and 60 years and over, while Transport accidents and Ischaemic heart diseases as the principal causes of death for age group 15-40 years and 41-59 years, respectively.
- f. Ischaemic heart diseases was the principal causes of death for 13 states while three other states namely Perak, Sabah and Sarawak registered Pneumonia as principal causes of death.
- g. Ischaemic heart diseases was the principal causes of death in 83 administrative districts, followed by Pneumonia in 67 administrative districts.

4. DEATHS

Number of deaths increased by 1.0 percent in 2024

The number of deaths in 2024 increased by 1.0 per cent from 196,965 deaths (2023) to 198,992 deaths. The crude death rate (CDR) decreased from 5.9 (2023) to 5.8 deaths per 1,000 population in 2024. Deaths for both males and females recorded an increase, from 112,293 deaths and 84,672 deaths in 2023 to 113,866 deaths and 85,126 deaths in 2024, respectively. The CDR for males and females remained unchanged at 6.4 deaths and 5.3 deaths per 1,000 population in 2024.

Table 1: Deaths (number and rate) by sex, Malaysia, 2023 and 2024

Year	Number			Rate (per 1,000 population)		
	Total	Male	Female	Total	Male	Female
2024	198,992	113,866	85,126	5.8	6.4	5.3
2023	196,965	112,293	84,672	5.9	6.4	5.3

5. CAUSES OF DEATH

a. Five principal causes of death

Ischaemic heart diseases as the principal causes of death in Malaysia

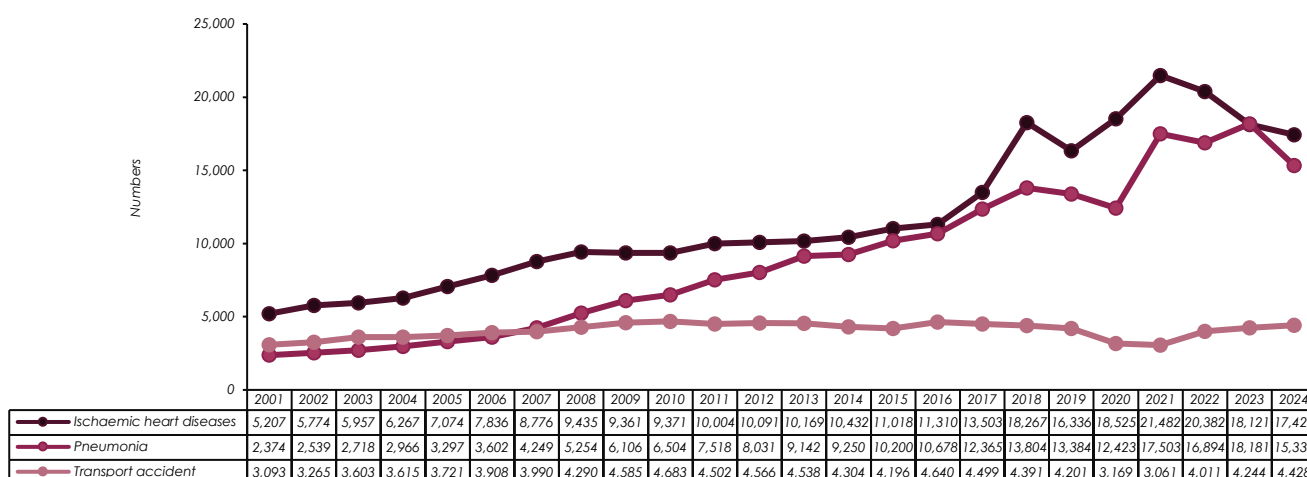
Ischaemic heart diseases as the principal causes of death in 2024, registered 17,421 (13.0%) from 133,844 medically certified deaths. This was followed by Pneumonia (15,332 deaths; 11.5%), Diabetes mellitus (6,929 deaths; 5.2%), Transport accidents (4,428 deaths; 3.3%) and Kidney failure (3,911 deaths; 2.9%).

Exhibit 1: Five principal causes of death, Malaysia 2023 and 2024

2023		2024	
15.2%	Pneumonia	Ischaemic heart diseases	13.0%
15.1%	Ischaemic heart diseases	Pneumonia	11.5%
7.2%	Cerebrovascular diseases	Diabetes mellitus	5.2%
3.5%	Transport accidents	Transport accidents	3.3%
2.0%	Malignant neoplasm of trachea, bronchus and lung	Kidney failure	2.9%

For the period of 2001 to 2024, Ischaemic heart diseases showed an increase from 5,207 deaths in 2001 to 17,421 deaths in 2024. Pneumonia also increased from 2,374 in 2001 to 15,332 deaths in 2024. Meanwhile, Transport accidents did not show any significance changes from 2001 which is 3,093 to 4,428 deaths in 2024.

Chart 2: Time series trend for three selected principal causes of death, Malaysia, 2001-2024



b. Five principal causes of death by ICD Chapter

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

Diseases of the circulatory system remained as the principal causes of death by ICD Chapter in 2024 with 27,848 deaths (20.8%). Diseases of the respiratory system also remained as the second principal causes of death which recorded 21,477 deaths (16.0%). This was followed by Neoplasms (14.3%), Certain infectious and parasitic diseases (9.3%) and Diseases of the nervous system (8.1%).

Exhibit 2: Five principal causes of death by ICD Chapter, Malaysia, 2023 and 2024

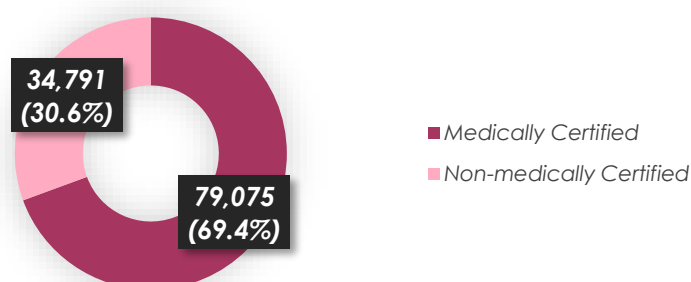
2023		2024	
29.4%	Diseases of the circulatory system	Diseases of the circulatory system	20.8%
20.6%	Diseases of the respiratory system	Diseases of the respiratory system	16.0%
13.8%	Neoplasms	Neoplasms	14.3%
7.7%	Certain infectious and parasitic diseases	Certain infectious and parasitic diseases	9.3%
7.4%	External causes of morbidity and mortality	Diseases of the nervous system	8.1%

6. PRINCIPAL CAUSES OF DEATH BY SEX

Ischaemic heart diseases remained as the principal causes of death for males

Males recorded a total of 113,866 deaths in 2024, of which 69.4 per cent (79,075) were medically certified deaths while 30.6 per cent (34,791) were non-medically certified deaths.

Chart 3: Classification of causes of death for males, Malaysia, 2024



Ischaemic heart diseases remained as the principal causes of death for males at 12,112 deaths with 15.3 per cent of the 79,075 medically certified deaths. This was followed by Pneumonia which recorded 8,556 deaths (10.8%), Transport accidents (3,774 deaths; 4.8%), Diabetes mellitus (3,553 deaths; 4.5%) and Kidney failure (2,128 deaths; 2.7%).

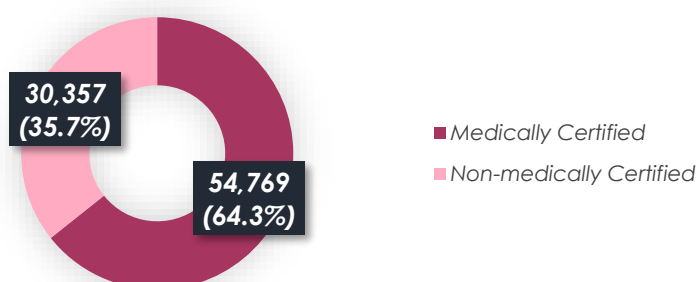
Exhibit 3: Five principal causes of death for males, Malaysia, 2023 and 2024

2023		2024	
17.6%	Ischaemic heart diseases	Ischaemic heart diseases	15.3%
14.4%	Pneumonia	Pneumonia	10.8%
6.9%	Cerebrovascular diseases	Transport accidents	4.8%
5.1%	Transport accidents	Diabetes mellitus	4.5%
2.2%	Malignant neoplasm of trachea, bronchus and lung	Kidney failure	2.7%

Pneumonia was the principal causes of death for females

Females recorded 85,126 deaths in 2024, of which 64.3 per cent (54,769) were medically certified deaths while 35.7 per cent (30,357) were non-medically certified deaths.

Chart 4: Classification of causes of death for females, Malaysia, 2024



Pneumonia was the principal causes of death among females with 12.4 per cent (6,776 deaths) of the 54,769 medically certified deaths. This was followed by Ischaemic heart diseases (5,309 deaths; 9.7%), Diabetes mellitus (3,376 deaths; 6.2%), Malignant neoplasm of breast (2,155 deaths; 3.9%) and Kidney failure (1,783 deaths; 3.3%).

Exhibit 4: Five principal causes of death for females, Malaysia, 2023 and 2024

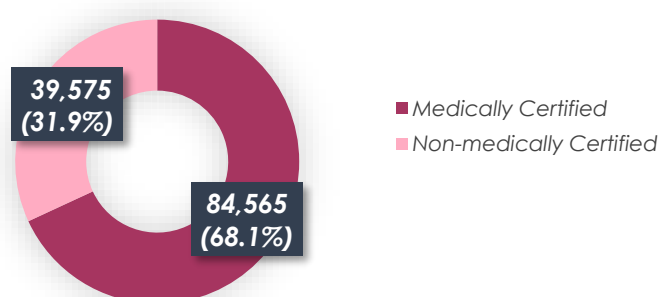
2023		2024	
16.4%	Pneumonia	Pneumonia	12.4%
11.5%	Ischaemic heart diseases	Ischaemic heart diseases	9.7%
7.8%	Cerebrovascular diseases	Diabetes mellitus	6.2%
3.5%	Malignant neoplasm of breast	Malignant neoplasms of breast	3.9%
2.1%	Diabetes mellitus	Kidney failure	3.3%

7. PRINCIPAL CAUSES OF DEATH BY MAJOR ETHNIC GROUPS

a. Ischaemic heart diseases was the principal causes of death among Bumiputera

Bumiputera consists of Malays and Other Bumiputera ethnic groups. Bumiputera recorded a total of 124,140 deaths, of which 68.1 per cent (84,565 deaths) were medically certified deaths while 31.9 per cent (39,575 deaths) were non-medically certified deaths in 2024.

Chart 5: Classification of causes of death for Bumiputera, Malaysia, 2024



Ischaemic heart diseases was the principal causes of death among Bumiputera, at 13.0 per cent or 10,961 deaths of the 84,565 medically certified deaths. This was followed by Pneumonia (9,373 deaths; 11.1%), Diabetes mellitus (4,848 deaths; 5.7%), Transport accidents (3,230 deaths; 3.8%) and Kidney failure (2,620 deaths; 3.1%).

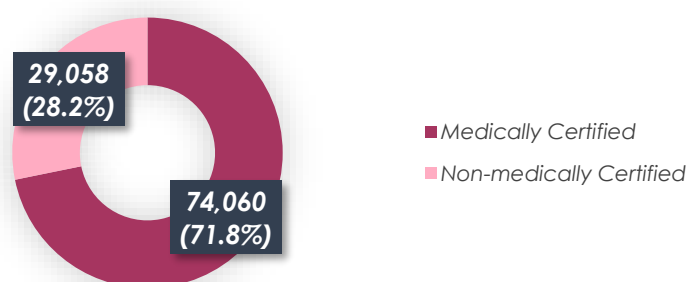
Exhibit 5: Five principal causes of death for Bumiputera, Malaysia, 2023 and 2024

2023		2024	
14.9%	Pneumonia	Ischaemic heart diseases	13.0%
14.9%	Ischaemic heart diseases	Pneumonia	11.1%
7.7%	Cerebrovascular diseases	Diabetes mellitus	5.7%
4.1%	Transport accidents	Transport accidents	3.8%
2.1%	Chronic lower respiratory diseases	Kidney failure	3.1%

b. Ischaemic heart diseases was the principal causes of death for Malay

Malay recorded 103,118 deaths of which 71.8 per cent (74,060 deaths) were medically certified deaths while 28.2 per cent (29,058 deaths) were non-medically certified deaths in 2024.

Chart 6: Classification of causes of death for Malay, Malaysia, 2024



Ischaemic heart diseases was the principal cause of death for Malay at 13.9 per cent or 10,291 deaths of the 74,060 medically certified death. This was followed by Pneumonia which recorded 8,357 deaths (11.3%), Diabetes mellitus (4,688 deaths; 6.3%), Transport accidents (2,900 deaths; 3.9%) and Kidney failure (2,288 deaths; 3.1%).

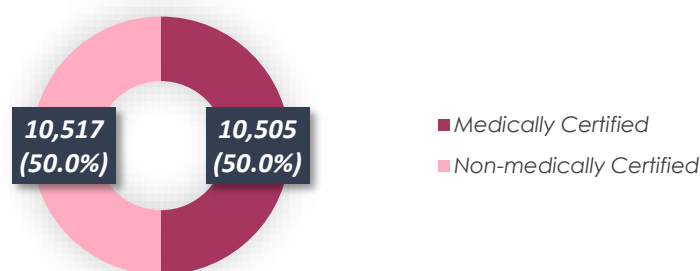
Exhibit 6: Five principal causes of death for Malay, Malaysia, 2023 and 2024

2023		2024	
16.0%	Ischaemic heart diseases	Ischaemic heart diseases	13.9%
15.3%	Pneumonia	Pneumonia	11.3%
7.9%	Cerebrovascular diseases	Diabetes mellitus	6.3%
4.2%	Transport accidents	Transport accidents	3.9%
2.0%	Diabetes mellitus	Kidney failure	3.1%

c. Pneumonia was the principal causes of death for Other Bumiputera

Other Bumiputera recorded 21,022 deaths of which 50.0 per cent (10,505 deaths) were medically certified deaths while 50.0 per cent (10,517 deaths) were non-medically certified deaths in 2024.

Chart 7: Classification of causes of death for Other Bumiputera, Malaysia, 2024



Pneumonia was the principal causes of death for Other Bumiputera at 1,016 deaths or 9.7 per cent of the 10,505 medically certified causes of death. This was followed by Ischaemic heart diseases (670 deaths; 6.4%), Kidney failure (332 deaths; 3.2%), Transport accidents (330 deaths; 3.1%) and Intracranial haemorrhage (285 deaths; 2.7%).

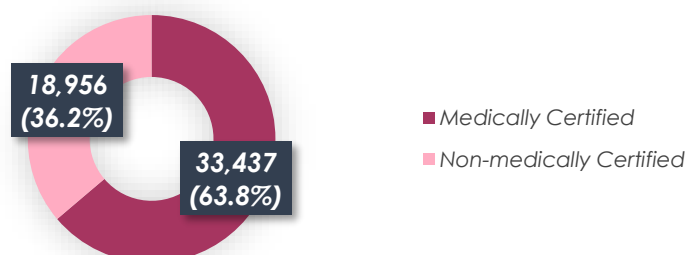
Exhibit 7: Five principal causes of death for Other Bumiputera, Malaysia, 2023 and 2024

2023		2024	
12.2%	Pneumonia	Pneumonia	9.7%
8.0%	Ischaemic heart diseases	Ischaemic heart diseases	6.4%
6.9%	Cerebrovascular diseases	Kidney failure	3.2%
3.1%	Chronic lower respiratory diseases	Transport accidents	3.1%
2.9%	Transport accidents	Intracranial haemorrhage	2.7%

d. Pneumonia was the principal causes of death for Chinese

Chinese recorded 52,393 deaths of which 63.8 per cent (33,437 deaths) were medically certified deaths while 36.2 per cent (18,956 deaths) were non-medically certified deaths in 2024.

Chart 8: Classification of causes of death for Chinese, Malaysia, 2024



Pneumonia was the principal causes of death among the Chinese at 4,231 deaths or 12.7 per cent of the 33,437 medically certified deaths. This was followed by Ischaemic heart diseases which recorded 3,877 deaths (11.6%), Diabetes mellitus (1,267 deaths; 3.8%), Malignant neoplasm of bronchus or lung (1,123 deaths; 3.4%) and Malignant neoplasm of large intestine, anus, and anal canal (971 deaths; 2.9%).

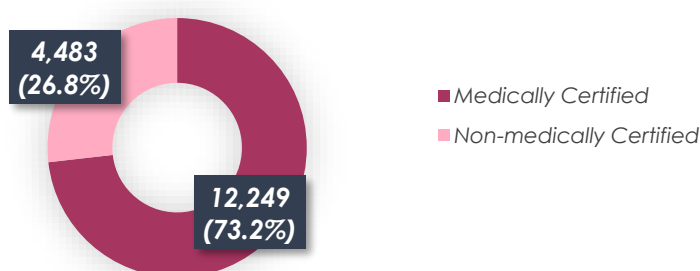
Exhibit 8: Five principal causes of death for Chinese, Malaysia, 2023 and 2024

2023		2024	
16.4%	Pneumonia	Pneumonia	12.7%
14.0%	Ischaemic heart diseases	Ischaemic heart diseases	11.6%
6.7%	Cerebrovascular diseases	Diabetes mellitus	3.8%
3.0%	Malignant neoplasm of trachea, bronchus and lung	Malignant neoplasm of bronchus or lung	3.4%
2.9%	Malignant neoplasm of colon, rectum and anus	Malignant neoplasms of large intestine, anus and anal canal	2.9%

e. Ischaemic heart diseases was the principal causes of death for Indians

Indians recorded 16,732 deaths of which 73.2 per cent (12,249 deaths) were medically certified deaths while 26.8 per cent (4,483 deaths) were non-medically certified deaths in 2024.

Chart 9: Classification of causes of death for Indians, Malaysia, 2024



Ischaemic heart diseases was the principal causes of death for Indians at 17.6 per cent or 2,161 deaths of the 12,249 medically certified deaths. This was followed by Pneumonia which recorded 1,346 deaths (11.0%), Diabetes mellitus (669 deaths; 5.5%), Transport accidents (516 deaths; 4.2%) and Kidney failure (339 deaths; 2.8%).

Exhibit 9: Five principal causes of death for Indians, Malaysia, 2023 and 2024

2023		2024	
20.6%	Ischaemic heart diseases	Ischaemic heart diseases	17.6%
14.3%	Pneumonia	Pneumonia	11.0%
5.4%	Cerebrovascular diseases	Diabetes mellitus	5.5%
4.7%	Transport accidents	Transport accidents	4.2%
2.7%	Diseases of the liver	Kidney failure	2.8%

8. PRINCIPAL CAUSES OF DEATH FOR MATERNAL

Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium recorded as the principal causes of death for maternal

Maternal deaths decreased from 117 deaths in 2023 to 101 deaths in 2024. The maternal mortality ratio showed a decline from 25.7 (2023) to 24.3 per 100,000 live births.

Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium was the principal causes of death for maternal in 2024 with 17.8 per cent or 18 deaths. This was followed by Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (16 deaths; 15.8%), Obstetric blood-clot embolism (13 deaths; 12.9%), Postpartum haemorrhage (10 deaths; 9.9%) and Amniotic fluid embolism (7 deaths; 6.9%).

Exhibit 10: Five principal causes of death for maternal, Malaysia, 2023 and 2024

2023		2024	
15.4%	Ectopic pregnancy	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	17.8%
14.5%	Obstetric embolism	Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth and the puerperium	15.8%
12.8%	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	Obstetric blood-clot embolism	12.9%
9.4%	Postpartum haemorrhage	Postpartum hemorrhage	9.9%
7.7%	Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth and the puerperium	Amniotic fluid embolism	6.9%

9. PRINCIPAL CAUSES OF DEATH FOR INFANT (LESS THAN 1 YEAR)

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified was the principal causes of death for infant

The number of deaths for infant decreased to 2,974 deaths in 2024 as compared to 3,054 deaths in 2023. The infant mortality rate increased from 6.7 (2023) to 7.2 per 1,000 live births.

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified was the principal causes of death for infant in 2024 at 20.6 per cent (589 deaths). This was followed by Structural developmental anomaly of heart or great vessels (345 deaths; 12.1%), Chromosomal anomalies, excluding gene mutations (300 deaths; 10.5%), Respiratory disorders specific to the perinatal or neonatal period (189 deaths; 6.6%) and Pneumonia (138 deaths; 4.8%).

Exhibit 11: Five principal causes of death for infant, Malaysia, 2023 and 2024

2023		2024	
44.2%	Certain conditions originating in the perinatal period	Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	20.6%
30.8%	Congenital malformations, deformations and chromosomal	Structural developmental anomaly of heart or great vessels	12.1%
1.9%	Pneumonia	Chromosomal anomalies, excluding gene mutations	10.5%
0.7%	Whooping cough	Respiratory disorders specific to the perinatal or neonatal period	6.6%
0.6%	Meningitis	Pneumonia	4.8%

10. PRINCIPAL CAUSES OF DEATH FOR CHILDREN UNDER-5 DEATHS

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified was the principal causes of death for children under-5 deaths

Children under-5 deaths decreased from 3,763 deaths in 2023 to 3,602 deaths in 2024. The under-5 mortality rate (U5MR) increased from 8.3 (2023) to 8.7 deaths per 1,000 live births.

Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified was the principal causes of death for children under-5 at 17.1 per cent (593 deaths) of the 3,475 medically certified deaths. This was followed by Structural developmental anomaly of heart or great vessels (398 deaths; 11.5%), Chromosomal anomalies, excluding gene mutations (326 deaths; 9.4%), Respiratory disorders specific to the perinatal or neonatal period (195 deaths; 5.6%) and Pneumonia (189 deaths; 5.4%).

Exhibit 12: Five principal causes of children under-5 deaths, Malaysia, 2023 and 2024

2023		2024	
36.4%	Certain conditions originating in the perinatal period	Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	17.1%
27.5%	Congenital malformations, deformations and chromosomal	Structural developmental anomaly of heart or great vessels	11.5%
2.6%	Pneumonia	Chromosomal anomalies, excluding gene mutations	9.4%
1.5%	Transport accidents	Respiratory disorders specific to the perinatal or neonatal period	5.6%
0.7%	Meningitis	Pneumonia	5.4%

11. PRINCIPAL CAUSES OF DEATH BY AGE GROUP

a. Population aged 0-14 years

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

Deaths for the population aged 0-14 years decreased from 4,933 deaths to 4,688 deaths in 2024. Pneumonia was the principal causes of death for the population aged 0-14 years in 2024 at 5.6 per cent (244 deaths) of the 4,347 medically certified deaths. This was followed by Transport accidents (165 deaths; 3.8%), Unintentional immersion, submersion or falling into water (117 deaths; 2.7%), Neoplasms of brain or central nervous system (47 deaths; 1.1%) and Metabolic disorders (44 deaths; 1.0%).

Exhibit 13: Five principal causes of death for population aged 0-14 years, Malaysia, 2023 and 2024

2023		2024	
3.7%	Transport accidents	Pneumonia	5.6%
3.2%	Pneumonia	Transport accidents	3.8%
1.5%	Leukaemia	Unintentional immersion, submersion or falling into water	2.7%
1.1%	Malignant neoplasm of meninges, brain and other parts of central nervous system	Neoplasms of brain or central nervous system	1.1%
0.8%	Cerebrovascular diseases	Metabolic disorders	1.0%

b. Population aged 15-64 years

Ischaemic heart diseases remained as the principal causes of death for population aged 15-64 years

Deaths for population aged 15-64 years increased from 73,820 (2023) to 75,202 in 2024. Ischaemic heart diseases was the principal causes of death for population aged 15- 64 years in 2024 at 14.7 per cent (8,427 deaths) of the 57,273 medically certified deaths. This was followed by Pneumonia (4,552 deaths; 7.9%), Transport accidents (3,656 deaths; 6.4%), Diabetes mellitus (2,362 deaths; 4.1%) and Intracranial haemorrhage (1,749 deaths; 3.1%).

Exhibit 14: Five principal causes of death for population aged 15-64 years, Malaysia, 2023 and 2024

2023		2024	
16.8%	Ischaemic heart diseases	Ischaemic heart diseases	14.7%
10.0%	Pneumonia	Pneumonia	7.9%
6.7%	Cerebrovascular diseases	Transport accidents	6.4%
6.7%	Transport accidents	Diabetes mellitus	4.1%
2.2%	Malignant neoplasm of breast	Intracranial haemorrhage	3.1%

c. Population aged 65 years and over

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

Deaths for population aged 65 years and over increased to 119,102 deaths in 2024 as compared to 118,212 deaths (2023). Pneumonia remained as the principal causes of death for population aged 65 years and over in 2024 at 14.6 per cent of the 72,224 medically certified deaths. This was followed by Ischaemic heart diseases (8,987 deaths; 12.4%), Diabetes mellitus (4,565 deaths; 6.3%), Stroke not known if ischaemic or haemorrhagic (2,601 deaths; 3.6%) and Kidney failure (2,323 deaths; 3.2%).

Exhibit 15: Five principal causes of death for population aged 65 years and over, Malaysia, 2023 and 2024

2023		2024	
20.5%	Pneumonia	Pneumonia	14.6%
14.8%	Ischaemic heart diseases	Ischaemic heart diseases	12.4%
8.1%	Cerebrovascular diseases	Diabetes mellitus	6.3%
2.6%	Chronic lower respiratory diseases	Stroke not known if ischaemic or haemorrhagic	3.6%
2.1%	Malignant neoplasm of trachea, bronchus and lung	Kidney failure	3.2%

d. Population aged 15-40 years

Transport accidents remained as the principal causes of death for population aged 15-40 years

Deaths for the population aged 15–40 years increased from 14,600 deaths (2023) to 15,360 deaths in 2024. Transport accidents was the principal causes of death for population aged 15–40 years in 2024 at 20.0 per cent (2,547 deaths) of the 12,724 medically certified deaths. This was followed by Ischaemic heart diseases (950 deaths; 7.5%), Pneumonia (742 deaths; 5.8%), Intentional self-harm (660 deaths; 5.2%) and Intracranial haemorrhage (340 deaths; 2.7%).

Exhibit 16: Five principal causes of death for population aged 15-40 years, Malaysia, 2023 and 2024

2023		2024	
20.1%	Transport accidents	Transport accidents	20.0%
8.3%	Ischaemic heart diseases	Ischaemic heart diseases	7.5%
7.2%	Pneumonia	Pneumonia	5.8%
5.0%	Intentional self-harm	Intentional self-harm	5.2%
3.6%	Cerebrovascular diseases	Intracranial haemorrhage	2.7%

Note:

1. Intentional self-harm refers to suicide
2. The National Youth Development Policy of Malaysia defined youth as young people between the age range of 15-40 years.

e. Population aged 41-59 years

Ischaemic heart diseases remained as the principal causes of deaths for population aged 41-59 years

Deaths for population aged 41-59 years increased from 39,767 deaths (2023) to 40,172 deaths in 2024. Ischaemic heart diseases remained as the principal causes of death for population aged 41-59 years in 2024 at 5,380 deaths or 17.6 percent of medically certified deaths (30,611). This was followed by Pneumonia (2,357 deaths; 7.7%), Diabetes mellitus (1,347 deaths; 4.4%), Intracranial haemorrhage (1,072 deaths; 3.5%) and Malignant neoplasms of breast (979 deaths; 3.2%).

Exhibit 17: Five principal causes of death for population aged 41-59 years, Malaysia, 2023 and 2024

2023		2024	
19.8%	Ischaemic heart diseases	Ischaemic heart diseases	17.6%
9.8%	Pneumonia	Pneumonia	7.7%
7.6%	Cerebrovascular diseases	Diabetes mellitus	4.4%
3.2%	Transport accidents	Intracranial haemorrhage	3.5%
2.7%	Malignant neoplasm of breast	Malignant neoplasms of breast	3.2%

Note:

Previously, a 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.

f. Population aged 60 years and over

Pneumonia become the principal causes of death for population aged 60 years and over

Deaths for population aged 60 years and over recorded an increase from 137,665 deaths (2023) to 138,772 deaths in 2024. Pneumonia was the principal causes of death for population aged 60 years and over in 2024 at 13.9 per cent (11,989 deaths) of the 86,162 medically certified deaths. This was followed by Ischaemic heart diseases (11,084 deaths; 12.9%), Diabetes mellitus (5,413 deaths; 6.3%), Stroke not known if ischaemic or haemorrhagic (2,910 deaths; 3.4%) and Kidney failure (2,766 deaths; 3.2%).

Exhibit 18: Five principal causes of death for population aged 60 years and over, Malaysia, 2023 and 2024

2023		2024	
19.3%	Pneumonia	Pneumonia	13.9%
15.3%	Ischaemic heart diseases	Ischaemic heart diseases	12.9%
8.1%	Cerebrovascular diseases	Diabetes mellitus	6.3%
2.4%	Chronic lower respiratory diseases	Stroke not known if ischaemic or haemorrhagic	3.4%
2.2%	Malignant neoplasm of trachea, bronchus and lung	Kidney failure	3.2%

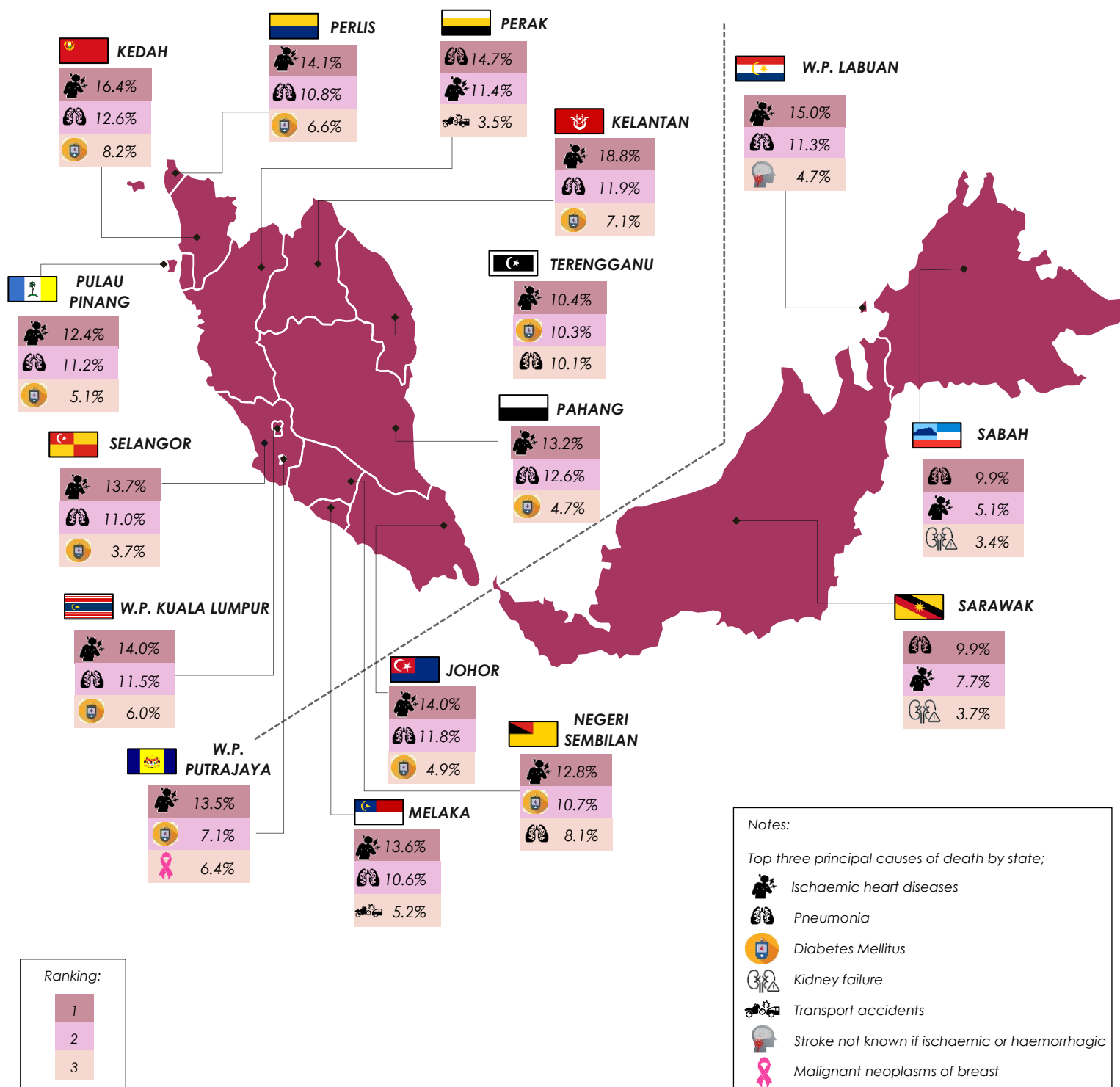
Note:

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 ASEAN countries

12. PRINCIPAL CAUSES OF DEATH BY STATE

Ischaemic heart diseases was the principal causes of death for 13 states while three other states namely Perak, Sabah and Sarawak recorded Pneumonia as the principal causes of death.

Exhibit 19: Top three principal causes of death by state, Malaysia, 2024



13. PRINCIPAL CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT

Ischaemic heart diseases was the principal causes of death in 79 administrative districts

Ischaemic heart diseases was the principal causes of death in 79 administrative districts with 50.6 per cent. Meanwhile, Pneumonia was the principal causes of death in 67 administrative districts with 42.9 per cent.

On the other hand, five districts recorded Diabetes mellitus as the principal causes of death, while Kidney failure and Heart failure was recorded in two districts, respectively. Metabolic disorders recorded as the principal causes of death in one district.

Table 2: Principal causes of death by administrative district, Malaysia, 2024

<i>Principal causes of death</i>	<i>Number of administrative districts</i>
<i>Ischaemic heart diseases</i>	<i>79</i>
<i>Pneumonia</i>	<i>67</i>
<i>Diabetes mellitus</i>	<i>5</i>
<i>Kidney failure</i>	<i>2</i>
<i>Heart failure</i>	<i>2</i>
<i>Metabolic disorders</i>	<i>1</i>

14. PRINCIPAL CAUSES OF DEATH BY STRATUM

Ischaemic heart diseases was the principal causes of death for urban and rural

Ischaemic heart diseases was the principal causes of death for urban in 2024 which recorded 13.1 per cent or 12,184 deaths of the 93,075 medically certified deaths. This was followed by Pneumonia which recorded 10,597 deaths (11.4%), Diabetes mellitus (4,481 deaths; 4.8%), Transport accidents (3,033 deaths; 3.3%) and Kidney failure (2,641 deaths; 2.8%).

Exhibit 20: Five principal causes of death by stratum (urban), Malaysia, 2023 and 2024

2023		2024	
15.3%	Ischaemic heart diseases	Ischaemic heart diseases	13.1%
15.3%	Pneumonia	Pneumonia	11.4%
6.9%	Cerebrovascular diseases	Diabetes mellitus	4.8%
3.3%	Transport accidents	Transport accidents	3.3%
2.1%	Malignant neoplasm of trachea, bronchus and lung	Kidney failure	2.8 %

For rural areas, Ischaemic heart diseases was the principal causes of death in 2024 which recorded 12.8 per cent or 5,237 deaths of the 40,769 medically certified deaths. This was followed by Pneumonia (4,735 deaths; 11.6%), Diabetes mellitus (2,448 deaths; 6.0%), Transport accidents (1,395 deaths; 3.4%) and Stroke not known if ischaemic or haemorrhagic (1,281 deaths; 3.1%).

Exhibit 21: Five principal causes of death by stratum (rural), Malaysia, 2023 and 2024

2023		2024	
15.1%	Pneumonia	Ischaemic heart diseases	12.8%
14.7%	Ischaemic heart diseases	Pneumonia	11.6%
7.9%	Cerebrovascular diseases	Diabetes mellitus	6.0%
4.0%	Transport accidents	Transport accidents	3.4%
2.5%	Chronic lower respiratory diseases	Stroke not known if ischaemic or haemorrhagic	3.1%

15. SELECTED SDG INDICATORS RELATED TO THE STATISTICS ON CAUSES OF DEATH**Indicator 3.4.1: Mortality Rate attributed to Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases**

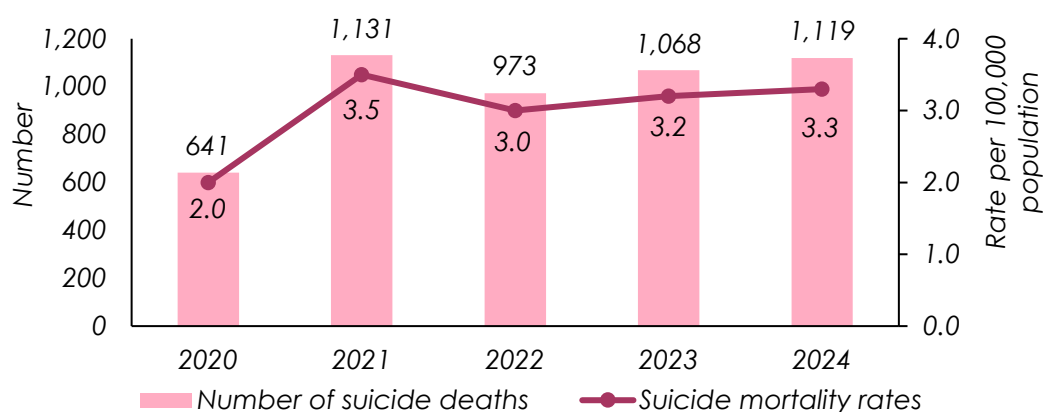
Premature deaths refer to deaths that occur between aged 30-69 years. Mortality rates for the diseases in 2024 increased as compared to 2023 except Chronic respiratory diseases, which decreased from 15.8 deaths to 13.9 deaths per 100,000 population aged 30-69 years. Among the four diseases, Cardiovascular diseases recorded the highest mortality rate. Diabetes recorded the highest increase which increase from 6.3 to 20.7 per 100,000 population aged 30 to 69 years.

Table 3: Mortality rate due to Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases, Malaysia, 2023 and 2024

Year	Rate (per 100,000 population aged 30 to 69 years)			
	Cardiovascular diseases	Cancer	Diabetes	Chronic respiratory diseases
2024	132.0	73.7	20.7	13.9
2023	130.5	66.0	6.3	15.8

Indicator 3.4.2: Suicide mortality rate

The number of suicide deaths in Malaysia increased from 1,068 deaths in 2023 to 1,119 deaths in 2024. Meanwhile, the suicide rate increased from 3.2 deaths in 2023 to 3.3 deaths per 100,000 population in 2024.

Chart 10: Numbers and rates of suicide deaths, Malaysia, 2020-2024**Table 4: Number and rate of suicide deaths by state of occurrence, Malaysia, 2020-2024**

State	Number					Rate (per 100,000 population)				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Malaysia	641	1,131	973	1,068	1,119	2.0	3.5	3.0	3.2	3.3
Johor	104	162	138	123	172	2.6	4.0	3.4	3.0	4.1
Kedah	17	64	48	44	40	0.8	3.0	2.2	2.0	1.8
Kelantan	30	14	11	21	16	1.7	0.8	0.6	1.1	0.8
Melaka	20	27	16	23	14	2.0	2.7	1.6	2.2	1.3
Negeri Sembilan	44	52	39	57	42	3.7	4.3	3.2	4.7	3.4
Pahang	38	47	42	40	27	2.4	2.9	2.6	2.4	1.6
Perak	55	115	110	98	113	2.2	4.6	4.4	3.9	4.4
Perlis	1	5	4	6	2	0.4	1.7	1.4	2.0	0.7
Pulau Pinang	66	113	84	123	114	3.8	6.5	4.8	6.9	6.3
Sabah	50	51	55	33	41	1.5	1.5	1.6	0.9	1.1
Sarawak	40	59	41	45	63	1.6	2.4	1.7	1.8	2.5
Selangor	91	277	268	305	280	1.3	3.9	3.8	4.2	3.8
Terengganu	15	14	8	13	11	1.3	1.2	0.7	1.1	0.9
W.P. Kuala Lumpur	65	124	107	135	182	3.3	6.3	5.5	6.7	8.8
W.P. Labuan	-	4	2	2	1	-	4.2	2.1	2.0	1.0
W.P. Putrajaya	5	3	-	-	1	4.6	2.6	-	-	0.8

16. PRINCIPAL CAUSES OF DEATH BY SELECTED COUNTRIES

a. Principal causes of death by ASEAN countries

Stroke, Cancer, Cardiovascular diseases and Ischaemic heart diseases were the principal causes of death for ASEAN countries in 2023.

Exhibit 22: Population, crude deaths rate and the principal causes of death by ASEAN countries, 2023



Brunei
Darussalam



Cambodia



Indonesia



Lao PDR



Malaysia

Population (million)	0.5	17.4	278.7	7.5	33.4
CDR (per 1,000 population)	4.3	6.5	6.4	6.8	5.9
Principal causes of death	Cardiovascular diseases	Cardiovascular diseases	Stroke	Stroke	Pneumonia



Myanmar



Philippines



Singapore



Thailand



Viet Nam

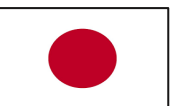
Population (million)	56.2	112.7	5.9	72.0	100.3
CDR (per 1,000 population)	9.2	6.2	6.0	8.5	6.6
Principal causes of death	Stroke	Ischaemic heart diseases	Cancer	Cancer	Cancer

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

b. Principal causes of death by selected countries

Cancer, Dementia and Alzheimers disease and Ischaemic heart diseases were the principal causes of death for selected countries in 2023.

Exhibit 23: Population, crude deaths rate and the principal causes of death by selected countries, 2023

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

Population (million)	27.0	68.3	334.9	124.4	40.5	51.8
CDR (per 1,000 population)	6.9	9.6	8.0	12.9	8.1	6.9
Principal causes of death	Ischaemic heart diseases	Dementia and Alzheimers disease	Heart diseases	Cancer	Cancer	Cancer

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

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ARTIKEL

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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PEMANDU MUDA MALAYSIA: PERJALANAN BERISIKO TINGGI

Nur Anis Karmila Mohd Kamil, Nur Azmina Ahmad Zuhkhori

ABSTRAK

Kemalangan jalan raya adalah antara masalah kesihatan global yang utama. Kemalangan jalan raya telah menyebabkan hampir 1.35 juta kematian setiap tahun, atau secara purata 3,700 orang setiap hari. Kajian ini secara menyeluruh mengkaji trend kematian disebabkan kemalangan jalan raya di Malaysia dari tahun 2000 hingga 2024, dengan menganalisis data mengikut negeri, umur dan jantina. Objektif utama kajian ini adalah untuk menganalisis trend kematian disebabkan oleh kemalangan jalan raya, khususnya dalam kalangan pemandu muda serta mengkaji perbezaan trend mengikut kumpulan umur dan negeri. Sumber data kajian ini adalah daripada Jabatan Perangkaan Malaysia (DOSM), Jabatan Pendaftaran Negara (JPN) dan Polis Diraja Malaysia (PDRM). Dapatan utama menunjukkan bahawa lelaki secara konsisten lebih berkemungkinan terlibat dalam kebanyakan kes kematian disebabkan kemalangan jalan raya.

PENGENALAN

Menurut Pertubuhan Kesihatan Sedunia (WHO), kemalangan jalan raya adalah penyebab utama kematian di seluruh dunia dalam kalangan individu berumur 5 hingga 29 tahun. Kemalangan kereta yang tidak melibatkan kematian, termasuk kemalangan, pelanggaran dan nahas kenderaan jalan raya, berlaku dengan lebih kerap dan boleh memberi kesan jangka panjang terhadap kesihatan serta kebahagiaan seseorang. Istilah seperti 'kemalangan kenderaan jalan raya', 'pelanggaran kenderaan jalan raya' dan 'nahas kenderaan jalan raya' juga digunakan untuk menggambarkan insiden ini serta menekankan kepelbagaian istilah yang digunakan dalam konteks undang-undang dan insurans untuk menangani isu berkaitan kesalahan dan kecuaian (Law Office of Cohen & Jaffe, 2025).

Penemuan daripada laporan WHO (2018), kira-kira 1.35 juta orang mati setiap tahun di seluruh dunia akibat kemalangan jalan raya, di mana 71 peratus daripadanya berlaku di negara membangun dan 20 hingga 50 juta lagi hanya mengalami kecederaan. Di Amerika Syarikat sahaja, *National Highway Traffic Safety Administration* (NHTSA) melaporkan bahawa terdapat lebih 36,000 kematian dalam nahas kenderaan jalan raya pada tahun 2019 (Law Office of Cohen & Jaffe, 2025).

Berdasarkan kajian oleh Vasalla et al. (2007), golongan muda memandu dengan lebih cuai dan dikaitkan dengan lebih banyak kemalangan kereta berbanding kumpulan umur lain. Memandangkan jumlah belia yang tinggi dalam kalangan pemandu, pelbagai corak pemanduan sering ditunjukkan di jalan raya, contohnya, tindakan berhemah (cth., membenarkan orang lain untuk masuk ke lorong jalan),

kesilapan tidak sengaja (cth., mengundur sehingga hampir melanggar kenderaan lain), pelanggaran sengaja (cth., melanggar lampu isyarat merah) dan reaksi terhadap tindakan pemandu lain (cth., membunyikan hon selepas dipotong). Selain itu, terdapat beberapa lagi perkara lain yang menunjukkan pemanduan berbahaya iaitu kelajuan, jarak rapat dan kerap menukar lorong, terutamanya secara mengejut. Amalan pemanduan berbeza secara ketara dari segi sejauh mana ia boleh menyebabkan keadaan bahaya kepada pemandu lain dan para saintis menggunakan kekerapan pemandu mengambil bahagian dalam pelbagai amalan untuk membuat inferens tentang perasaan dan tindakan biasa berkaitan pemanduan. Rasa jengkel, marah, terkejut, ancaman, keterujaan dan kekecewaan adalah punca paling biasa bagi pemanduan agresif (Rosemary O'Brien, 2011).

KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA DI MALAYSIA

Kemalangan jalan raya telah menyebabkan hampir 1.35 juta kematian setiap tahun, atau secara purata 3,700 orang setiap hari. Kerosakan lalu lintas jalan raya menyebabkan kerugian ekonomi yang besar bagi individu, keluarga dan negara secara keseluruhan. Menurut laporan *Value of Statistical Life (VSOL) MIROS 2018*, Kerajaan Malaysia telah kehilangan sekurang-kurangnya RM3.12 juta untuk setiap nyawa. Statistik menunjukkan, purata 18 orang terbunuh dalam kemalangan jalan raya setiap hari di Malaysia. Fenomena ini menunjukkan bahawa kemalangan jalan raya merupakan cabaran kesihatan awam yang serius bagi negara. Ini juga mengariskan bahawa perlunya tindakan dasar yang efektif (Kementerian Pengangkutan Malaysia, 2025).

Setiap kemalangan kenderaan jalan raya adalah unik, walaupun semuanya berpotensi membawa akibat yang buruk. Pelanggaran ini boleh disebabkan oleh pelbagai keadaan dan mengakibatkan kerosakan pada komponen kenderaan yang berbeza. Kekurangan pendidikan berstruktur bagi pengendali kenderaan separa automatik mencerminkan risiko serupa dalam industri lain, di mana latihan formal adalah penting untuk operasi yang selamat. Terdapat dua cadangan dasar dikemukakan iaitu pertama, kerajaan harus menghasilkan sumber rasmi yang ringkas dalam format rasmi dan mudah diakses untuk mendidik pemandu mengenai keupayaan dan batasan sistem. Kedua, program latihan dan pensijilan wajib perlu diperkenalkan, menggabungkan komponen teori dan praktikal untuk mempersiapkan pemandu menghadapi senario dunia sebenar. Langkah-langkah ini akan meningkatkan pemahaman pemandu, mengurangkan salah guna dan memupuk kepercayaan awam terhadap teknologi kenderaan separa automatik. Dengan mengatasi kekurangan pengetahuan yang ada, pembuat dasar dapat memastikan peralihan ke arah penggunaan teknologi automatik dilaksanakan dengan lebih selamat dan bertanggungjawab. Usaha ini bukan sahaja dapat memaksimumkan manfaat kemajuan teknologi, tetapi juga membantu mengurangkan risiko terhadap keselamatan awam (Mukherjee et al., 2025).

Carta 1: Bilangan kematian kemalangan Jalan Raya di Malaysia, 2000-2024

Sumber: Jabatan Perangkaan Malaysia

Seperti yang digambarkan dalam Carta 1, kecerun kemalangan kenderaan jalan raya (MVA) meningkat mengikut tahun. Namun, pada tahun 2020 dan 2021, jumlahnya menunjukkan sedikit penurunan akibat pandemik COVID-19, sebelum kembali meningkat pada tahun 2022. Bilangan MVA pada tahun 2024 meningkat daripada 4,011 (2022) kepada 4,428 (2024). Secara purata, MVA di Malaysia telah meningkat setiap tahun kecuali pada 2020 dan 2021. Hal ini berlaku terutamanya akibat pandemik COVID-19 dan Perintah Kawalan Pergerakan (PKP) yang berkaitan. Pelaksanaan PKP memerlukan orang ramai untuk kekal di rumah dan membawa kepada pengurangan trafik di jalan raya.

Pelaksanaan PKP menyebabkan sektor industri tidak beroperasi sepenuhnya, penguatkuasaan menggunakan pendekatan norma baharu dan pematuhan prosedur operasi standard telah mengurangkan kadar kemalangan pekerjaan (Harian Metro, 2024). Selain itu, berdasarkan kajian Impak Pandemik COVID-19 terhadap Pertumbuhan dan Daya Tahan Penduduk di Malaysia (R.M. Amin, 2022), penurunan kadar kematian pada 2020 ini disumbangkan oleh faktor pelaksanaan PKP yang telah berjaya menurunkan bilangan kematian disebabkan kemalangan jalan raya dan pengangkutan.

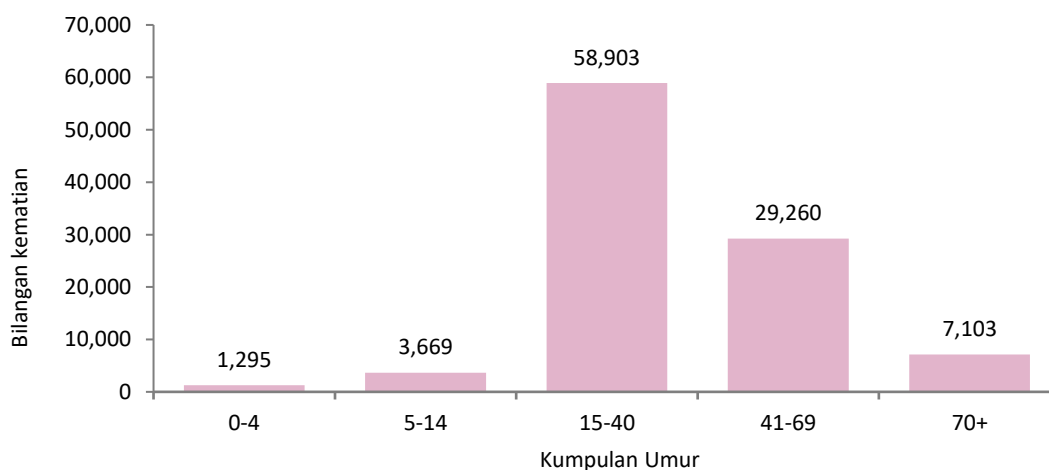
KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT KUMPULAN UMUR

Kemalangan jalan raya adalah antara masalah kesihatan global yang utama. Pada tahun 2017, ia menyumbang kepada 57,638,366 tahun hayat yang hilang (YLLs),

10,159,667 tahun hidup dengan kecacatan (YLDs) dan 67,798,033 tahun hayat yang hilang akibat kecacatan (DALYs) (WHO, 2018). Isu pemandu muda yang berisiko tinggi untuk maut dalam kemalangan jalan raya juga adalah penting.

Menurut Kementerian Belia dan Sukan (KBS) serta Majlis Belia Malaysia (MBM) telah secara kolektif bersetuju untuk mentakrifkan usia belia sebagai 15 hingga 40 tahun, susulan pengenalan Akta Pertubuhan Belia dan Pembangunan Belia (Akta 688). Merujuk kepada hasil kajian yang dijalankan di Poland, dapat diperhatikan bahawa kadar kematian daripada punca ini bukanlah yang tertinggi dalam kalangan individu berusia 20–44 tahun, namun ia menyumbang 58.0 peratus daripada semua kematian dalam kategori ini pada tahun 1990, manakala pada tahun 2018, kematian menyumbang hampir separuh iaitu 49.6 peratus daripada jumlah keseluruhan kematian. Corak ini adalah serupa dengan yang diperhatikan di negara lain, tetapi kadar penurunannya adalah berbeza. Sebaliknya, di Jerman pada tahun 2017, kematian akibat kemalangan jalan raya dalam kumpulan umur 15–49 tahun menyumbang 41.6 peratus daripada jumlah keseluruhan kematian daripada sebab kematian ini (60.5% pada tahun 1990). Pada tahun yang sama, di France, nilainya ialah 50.1 peratus (51.3% pada tahun 1990) dan di Italy 41.7 peratus (52.9% pada tahun 1990).

Carta 2: Bilangan Kematian disebabkan kemalangan jalan raya mengikut kumpulan umur, Malaysia, 2000-2024



Sumber: Jabatan Perangkaan Malaysia

Carta 2 menunjukkan bilangan yang besar dalam kalangan umur muda, khususnya dalam kumpulan umur 15-40 tahun, dengan jumlah kematian adalah lebih tinggi berbanding kumpulan umur lain. Kumpulan umur 15-40 tahun merupakan penyumbang terbesar kepada kematian akibat kemalangan jalan raya, mencatatkan 58,903 kematian, diikuti oleh penduduk berumur 41-69 tahun (29,260 kematian) dan 70 tahun ke atas (7,103 kematian). Menurut Hk. dan Chauhan

(2023), kemalangan jalan raya menjadi sebab kematian utama bagi golongan umur 5 hingga 29 tahun. Risiko ini adalah ketara dalam kalangan remaja terutamanya bagi lelaki yang mempunyai kebarangkalian yang lebih tinggi dalam kemalangan jalan raya berbanding perempuan.

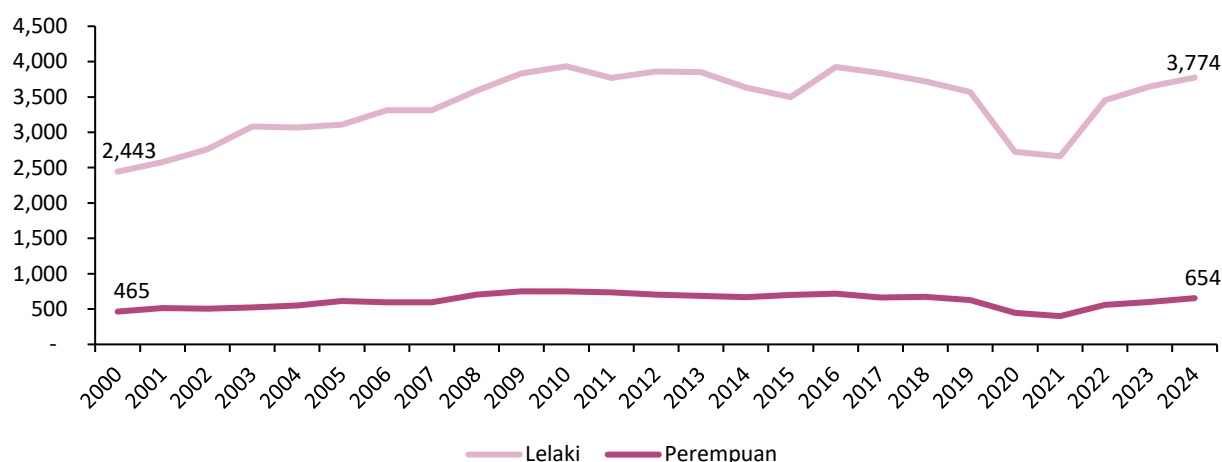
Kumpulan umur yang lebih muda, seperti kumpulan umur 0-4 tahun dan 5-14 tahun, menunjukkan bilangan kecil dalam kematian MVA. Hal ini menunjukkan bahawa faktor umur memainkan peranan penting dalam trend kematian di Malaysia, dengan kadar kematian MVA yang tinggi berlaku dalam kumpulan umur muda.

Jadual 1: Kematian disebabkan kemalangan jalan raya mengikut kumpulan umur, 2000-2024

Tahun/ Kumpulan Umur	Peratus (%)					Jumlah
	0-4	5-14	15-40	41-69	70+	
2000	1.5	5.9	60.4	26.7	5.5	100.0
2001	1.5	5.5	59.8	27.6	5.7	100.0
2002	1.7	4.9	58.8	28.9	5.8	100.0
2003	1.3	4.1	60.9	27.4	6.1	100.0
2004	1.4	4.1	60.8	27.4	6.3	100.0
2005	1.5	5.1	58.5	28.4	6.6	100.0
2006	1.0	4.0	58.4	29.5	7.0	100.0
2007	1.4	4.3	57.6	30.4	6.3	100.0
2008	1.2	3.7	59.3	28.3	7.4	100.0
2009	1.7	4.3	58.0	28.5	7.5	100.0
2010	1.1	4.8	58.9	28.2	7.0	100.0
2011	1.6	3.8	58.4	29.4	6.9	100.0
2012	1.4	3.6	59.0	28.4	7.6	100.0
2013	1.1	2.8	58.9	29.8	7.4	100.0
2014	1.3	3.4	59.1	29.2	7.0	100.0
2015	1.2	3.5	58.3	30.3	6.7	100.0
2016	1.4	3.8	58.7	28.6	7.6	100.0
2017	1.2	3.2	58.6	29.4	7.6	100.0
2018	1.1	3.0	58.2	29.7	7.9	100.0
2019	1.1	2.4	58.4	29.9	8.2	100.0
2020	1.3	2.1	57.9	30.8	8.0	100.0
2021	1.1	2.0	56.9	31.6	8.5	100.0
2022	1.0	2.9	58.6	29.8	7.6	100.0
2023	1.2	2.6	57.4	30.5	8.3	100.0
2024	1.2	2.5	57.5	29.4	9.4	100.0

Penduduk berumur 15-40 tahun mencatatkan peratusan kematian tertinggi dari tahun 2000 hingga 2024, iaitu dengan komposisi di antara antara 57.4 peratus hingga 60.9 peratus, diikuti oleh kumpulan umur 41-69 tahun yang mencatatkan antara 26.7 peratus hingga 31.6 peratus.

Carta 3: Kematian disebabkan Kemalangan jalan raya mengikut Jantina, Malaysia, 2000-2024



Sumber: Jabatan Perangkaan Malaysia

Carta 3 menunjukkan trend berbeza dengan kematian bagi lelaki secara konsisten lebih tinggi berbanding perempuan. Perbezaan ini menjadi ciri yang konsisten dalam data sepanjang tempoh 2000-2024. Sebagai contoh, pada tahun 2000, bilangan kematian lelaki ialah 2,443 kematian, berbanding 465 kematian bagi perempuan. Pada tahun 2021 dan 2022, kadar kematian bagi kedua-dua jantina menunjukkan peningkatan yang ketara dipengaruhi oleh kesan pandemik COVID-19 serta krisis kesihatan yang melanda ketika itu. Namun, penurunan yang direkodkan pada tahun 2023 menggambarkan tanda pemulihan dan kembali kepada kadar kematian yang lebih stabil seperti sebelumnya. Carta ini memberikan gambaran terperinci mengenai trend kematian mengikut jantina di Malaysia, menekankan kadar kematian yang konsisten lebih tinggi dalam kalangan lelaki serta kesan besar pandemik terhadap kematian keseluruhan.

KEMATIAN DISEBABKAN KEMALANGAN JALAN RAYA MENGIKUT NEGERI

Setiap negeri mempunyai punca kematian yang berbeza disebabkan beberapa faktor utama seperti yang dijelaskan oleh Jiang et al. (2024), faktor demografi seperti umur dan pembahagian etnik memainkan peranan penting dalam mempengaruhi risiko penyakit. Perbezaan profil genetik antara penduduk dan kumpulan umur menjadikan tahap keterdedahan serta perkembangan penyakit berbeza bagi setiap kumpulan. Berdasarkan laporan PDRM, sebanyak 638,060 kes kemalangan jalan raya telah dilaporkan di Malaysia bagi 2024. Selangor mencatatkan jumlah kes kemalangan tertinggi dengan 187,156 kes, diikuti Johor (97,466 kes) dan W.P. Kuala Lumpur (76,763 kes). Selangor juga turut mencatatkan jumlah kematian paling tinggi diikuti Johor dan Kedah.

Selangor secara konsisten melaporkan jumlah kematian disebabkan kemalangan tertinggi, iaitu melebihi 700 kematian setiap tahun, dengan kematian tertinggi direkodkan pada tahun 2017 dengan 786 kematian. Hal ini berkemungkinan disebabkan oleh kepadatan penduduk yang tinggi serta rangkaian jalan raya yang luas. Johor, Kedah dan Perak turut menunjukkan kematian kemalangan yang tinggi, iaitu di antara 400 hingga melebihi 600. Sebaliknya, negeri dengan bilangan Penduduk yang kecil, seperti Perlis, W.P. Labuan dan WP Putrajaya, secara konsisten melaporkan angka kemalangan yang sangat rendah, iaitu kurang daripada 100 setiap tahun.

Jadual ini juga menunjukkan penurunan dalam kemalangan di banyak negeri pada tahun 2020 dan 2021, yang dikaitkan dengan perintah kawalan pergerakan dan sekatan yang dilaksanakan semasa pandemik COVID-19, sekali gus mengurangkan trafik di jalan raya. Selepas tempoh pandemik, pada 2022 dan 2023 terdapat peningkatan semula jumlah kemalangan, menghampiri atau melebihi tahap pra-pandemik di beberapa negeri. Jadual ini memberikan gambaran kuantitatif yang jelas mengenai pengagihan dan trend MVA di seluruh Malaysia.

Jadual 2: Bilangan kematian kemalangan jalan raya mengikut negeri, Malaysia 2014-2024

Negeri/Tahun	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Johor	511	551	628	624	624	647	434	392	509	612	663
Kedah	497	509	535	507	476	438	347	369	513	469	505
Kelantan	266	253	231	270	251	219	183	164	228	206	245
Melaka	183	175	211	196	147	166	124	88	121	143	183
Negeri Sembilan	268	244	277	264	266	179	171	152	219	249	239
Pahang	309	277	314	296	286	256	212	168	258	300	290
Perak	455	473	528	467	472	453	305	319	411	429	410
Perlis	64	63	57	68	63	77	55	38	59	44	50
Pulau Pinang	310	269	345	278	309	311	233	247	297	311	290
Sabah	101	99	100	135	155	161	136	143	181	181	209
Sarawak	268	251	237	229	254	220	157	192	168	153	121
Selangor	709	670	768	786	708	700	537	529	700	775	807
Terengganu	194	197	245	218	181	198	155	140	192	214	205
W.P. Kuala Lumpur	159	149	153	143	188	162	111	113	144	140	198
W.P. Labuan	6	6	8	5	7	5	3	4	4	6	4
W.P. Putrajaya	4	10	3	13	4	9	6	3	7	12	9

SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR

Sebab kematian utama bagi penduduk yang berumur di antara 10 hingga 34 tahun adalah kemalangan jalan raya pada 2024 manakala sebab kematian utama bagi penduduk berusia antara 5 hingga 39 tahun pada tahun 2000 juga adalah berkaitan dengan kemalangan jalan raya. Corak ini menunjukkan bahawa kumpulan umur yang lebih muda mengalami kematian disebabkan kemalangan jalan raya pada tahun 2000 hingga 2024.

Jadual 3: Sebab kematian utama mengikut kumpulan umur, Malaysia, 2000 dan 2024

Kumpulan Umur (Tahun)	SEBAB KEMATIAN UTAMA	
	2000	2024
0	<i>Certain conditions originating in the perinatal period</i>	<i>Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified</i>
1-4	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	<i>Structural developmental anomaly of heart or great vessels</i>
5-9	<i>Transport accidents</i>	<i>Unintentional immersion, submersion or falling into water</i>
10-14	<i>Transport accidents</i>	<i>Transport accidents</i>
15-19	<i>Transport accidents</i>	<i>Transport accidents</i>
20-24	<i>Transport accidents</i>	<i>Transport accidents</i>
25-29	<i>Transport accidents</i>	<i>Transport accidents</i>
30-34	<i>Transport accidents</i>	<i>Transport accidents</i>
35-39	<i>Transport accidents</i>	<i>Ischaemic heart diseases</i>
40-44	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
45-49	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
50-54	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
55-59	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
60-64	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
65-69	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
70-74	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
75-79	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
80-84	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
85-89	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
90-94	<i>Pneumonia</i>	<i>Pneumonia</i>
95 dan lebih	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>

Pada tahun 2000, kemalangan jalan raya merupakan sebab kematian utama bagi pelbagai kumpulan umur, bermula daripada kumpulan umur 5-34 tahun. Hal ini menunjukkan bahawa pada tahun 2000, kemalangan jalan raya merupakan sebab kematian utama dalam kalangan kanak-kanak, remaja dan dewasa.

Walau bagaimanapun, perbandingan dengan tahun 2024 menunjukkan perubahan yang ketara. Kumpulan umur di mana kemalangan jalan raya menjadi sebab utama kematian telah menjadi lebih tertumpu. Walaupun ia kekal sebagai sebab utama kematian bagi kumpulan umur 10-14, 15-19, 20-24, 25-29 dan 30-34 tahun, ia tidak lagi menjadi punca utama bagi kumpulan umur 5-9 tahun, di mana ia telah digantikan oleh kematian akibat lemas. Data ini menunjukkan bahawa walaupun masa telah berlalu, kemalangan pengangkutan masih menjadi punca dominan kematian bagi sebahagian besar penduduk muda, sekali gus menekankan keperluan berterusan terhadap inisiatif keselamatan jalan raya.

SEBAB KEMATIAN UTAMA MENGIKUT NEGERI

Menurut data daripada *National Health and Morbidity Survey (NHMS) 2023*, empat penyakit tidak berjangkit iaitu obesiti, tekanan darah tinggi, diabetes dan kolesterol tinggi menjejaskan kira-kira setengah juta orang dewasa, atau 2.5 peratus daripada jumlah penduduk. Keadaan ini merupakan faktor risiko utama bagi strok dan penyakit jantung. Lebih daripada 70 peratus kematian di Malaysia disebabkan oleh penyakit tidak berjangkit, menjadikannya sebab kematian utama di negara ini. Menurut Penerbitan Perangkaan Sebab Kematian, Malaysia, 2025, 13 negeri merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama. Kematian bagi penyakit ini lebih banyak berlaku di Selangor dan Johor. Pada tahun 2024, *Ischaemic heart diseases* menyumbang 13.0 peratus daripada jumlah kematian yang disahkan secara perubatan di Malaysia.

Pneumonia merupakan sebab kematian utama, khususnya dalam kalangan warga emas. Negeri dengan kadar kematian akibat *Pneumonia* tertinggi ialah Kedah (11.9%), Johor (13.5%) dan Selangor (16.9%). Kedah mencatatkan jumlah kematian tertinggi akibat Diabetes Mellitus dengan 1,185 kematian, atau 10.8 peratus daripada semua kematian. Perak dan Terengganu berada di tempat kedua tertinggi pada tahun 2023 dengan kadar 10.0 peratus. Berdasarkan NHMS 2015, Kedah mempunyai salah satu kadar kelaziman diabetes tertinggi di Malaysia, yang konsisten dengan kadar yang lebih tinggi di negeri tersebut.

Jadual 4: Sebab kematian utama mengikut negeri, Malaysia 2024

Negeri	<i>Ischaemic heart diseases</i>		<i>Pneumonia</i>		<i>Transport Accidents</i>	
	Bilangan	Peratus	Bilangan	Peratus	Bilangan	Peratus
Malaysia	17,421	13.0	15,332	11.5	4,428	3.3
Johor	2,620	14.0	2,197	11.8	663	3.6
Kedah	2,349	16.4	1,806	12.6	505	3.5
Kelantan	1,661	18.8	1,057	11.9	245	2.8
Melaka	480	13.6	373	10.6	183	5.2
Negeri Sembilan	820	12.8	521	8.1	239	3.7
Pahang	953	13.2	908	12.6	290	4.0
Perak	1,349	11.4	1,738	14.7	410	3.5
Perlis	248	14.1	190	10.8	50	2.8
Pulau Pinang	1,146	12.4	1,028	11.2	290	3.2
Sabah	409	5.1	801	9.9	209	2.6
Sarawak	614	7.7	787	9.9	121	1.5
Selangor	3,038	13.7	2,425	11.0	807	3.6
Terengganu	616	10.4	596	10.1	205	3.5
W.P. Kuala Lumpur	1,035	14.0	855	11.5	198	2.7
W.P. Labuan	45	15.0	34	11.3	4	1.3
W.P. Putrajaya	38	13.5	16	5.7	9	3.2

Selain itu, berdasarkan Jadual 4 di atas, kemalangan jalan raya adalah antara lima sebab kematian utama di Malaysia. Bilangan kematian yang direkodkan akibat kemalangan jalan raya pada tahun 2024 ialah 4,428, meningkat sebanyak 4.3 peratus berbanding tahun 2023 (4,244 kematian). Selangor mencatatkan jumlah kematian tertinggi sebanyak 18.2 peratus, diikuti oleh Johor (15.0%), Kedah (11.4%) dan Perak (9.3%).

FAKTOR KEMALANGAN JALAN RAYA DI KALANGAN PEMANDU MUDA

Di Malaysia, kemalangan jalan raya kekal sebagai salah satu punca utama kematian, terutamanya dalam kalangan pemandu muda berumur antara 16 hingga 30 tahun. Menurut Polis Diraja Malaysia (PDRM), golongan belia menyumbang hampir 50 peratus daripada 14,308 kematian akibat kemalangan jalan raya yang direkodkan antara tahun 2019 hingga 2021 (Paultan.org, 2022). Statistik yang membimbangkan ini berkait rapat dengan faktor seperti kurang pengalaman, keyakinan berlebihan dan tingkah laku pemanduan berisiko. Pemandu muda lebih cenderung untuk memandu laju, mengekori terlalu rapat atau menggunakan telefon bimbit ketika memandu, yang meningkatkan kebarangkalian terlibat dalam kemalangan. Tekanan rakan sebaya, keletihan dan kemahiran persepsi bahaya yang lemah turut menyumbang kepada risiko tinggi ini. Dalam kalangan penunggang motosikal muda yang mewakili sebahagian besar belia Malaysia, kematian lebih kerap berlaku dalam kalangan mereka yang tidak memiliki lesen atau menunggang pada waktu malam,

dengan 69 peratus daripada penunggang tanpa lesen yang terlibat dalam kemalangan dikenal pasti sebagai golongan muda (Jurnal Teknologi, 2013).

Selain faktor tingkah laku, keadaan jalan raya dan reka bentuk infrastruktur turut memainkan peranan penting dalam kemalangan maut. Majlis Keselamatan Negara (2024) menegaskan bahawa jalan raya yang tidak disenggara dengan baik seperti permukaan tidak rata, berlubang atau kurang pencahayaan boleh menyebabkan pemandu hilang kawalan, terutamanya mereka yang kurang berpengalaman. Reka bentuk jalan yang tidak sesuai seperti selekoh tajam, cerun curam dan kekurangan papan tanda amaran menambah risiko kepada kenderaan ringan dan berat. Keadaan kenderaan juga penting di mana penyelenggaraan yang tidak mencukupi boleh menyebabkan kegagalan teknikal seperti brek rosak atau tayar pecah, manakala kenderaan lama yang tidak diservis lebih mudah mengalami masalah ini.

Bagi pemandu muda dan komersial, keletihan serta gangguan (terutamanya penggunaan telefon bimbit) menjejaskan tumpuan dan masa tindak balas, sekali gus meningkatkan risiko kemalangan. Institut Penyelidikan Keselamatan Jalan Raya Malaysia (MIROS) mendapati bahawa lebih 80 peratus kemalangan jalan raya di Malaysia berpunca daripada faktor tingkah laku pemandu, menunjukkan hubungan rapat antara kesilapan manusia dan keadaan jalan yang tidak selamat (Australasian Fleet Management Association [AFMA], 2023).

Faktor persekitaran dan penguatkuasaan juga memburukkan keadaan ini. Hujan lebat, kabus tebal dan permukaan jalan yang licin boleh mengurangkan jarak penglihatan serta cengkaman tayar, manakala kesesakan lalu lintas meningkatkan risiko kemalangan akibat pemberhentian dan pergerakan kenderaan yang kerap. Dari sudut penguatkuasaan, pemantauan yang tidak konsisten serta pelaksanaan undang-undang jalan raya yang lemah membolehkan amalan berisiko seperti memandu melebihi muatan dan melanggar had laju terus berlaku.

Kajian di Sabah mendapati bahawa pemanduan pada waktu malam, penggunaan jalan persekutuan dan kemalangan kenderaan tunggal merupakan faktor utama yang menyumbang kepada tahap keterukan kemalangan dalam kalangan pemandu muda (Narotama Journal, 2020). Oleh itu, bagi mengurangkan kadar kematian dalam kalangan pemandu muda dan pemandu kenderaan berat, pendekatan yang menyeluruh diperlukan, termasuk mempertingkatkan penyelenggaraan dan reka bentuk jalan, memperkukuhkan penguatkuasaan undang-undang keselamatan, memastikan kenderaan berada dalam keadaan baik, serta memupuk sikap pemanduan selamat melalui pendidikan dan kesedaran. Penambahbaikan dalam aspek-aspek ini berpotensi besar untuk menurunkan kadar kematian akibat kemalangan jalan raya di Malaysia dan mewujudkan keadaan jalan yang lebih selamat untuk semua pengguna.

KESIMPULAN

Kemalangan jalan raya merupakan isu kesihatan awam yang kritikal di Malaysia, khususnya dalam kalangan golongan muda. Kesan yang tidak seimbang ini menonjolkan cabaran besar dalam mencapai matlamat kesejahteraan negara. Untuk menangani isu ini dengan berkesan, kita perlu bergerak melangkaui pemahaman umum dan meneliti faktor risiko tertentu yang berkaitan dengan umur dan lokasi geografi. Dengan menganalisis trend mortaliti, pihak berkuasa dapat mengenal pasti dan menangani “titik hitam” iaitu kawasan berisiko tinggi di mana kemalangan paling kerap berlaku. Pendekatan berasaskan data ini membolehkan pembangunan intervensi yang disasarkan dan spesifik mengikut lokasi. Sebagai contoh, negeri dengan jumlah kematian motosikal yang tinggi mungkin memerlukan strategi berbeza berbanding negeri dengan lebih banyak kemalangan melibatkan lori atau bas.

Akhirnya, pemahaman yang lebih mendalam mengenai faktor-faktor ini adalah penting untuk merangka dan melaksanakan dasar kesihatan yang lebih berkesan. Dasar-dasar ini bukan sahaja bertujuan meningkatkan keselamatan jalan raya dan mengurangkan kematian akibat kemalangan, tetapi juga sejajar dengan Matlamat Pembangunan Mampan (SDGs), khususnya matlamat untuk mengurangkan separuh kematian dan kecederaan global akibat kemalangan jalan raya. Dengan menangani isu ini secara serius, Malaysia dapat mewujudkan jalan raya yang lebih selamat untuk semua warganya, terutamanya golongan paling terdedah.

PENAFIAN

Pandangan yang dinyatakan dalam artikel ini adalah pandangan penulis dan tidak semestinya mewakili pandangan DOSM.

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ARTICLE

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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MALAYSIA'S YOUNG DRIVERS: A HIGH-RISK JOURNEY

Nur Anis Karmila Mohd Kamil, Nur Azmina Ahmad Zuhkhori

ABSTRACT

Transport accidents are among the major global health problems. Transport accidents cost the lives of almost 1.35 million people annually, or 3,700 people every day on average. This study comprehensively examines deaths due to Transport accidents trends in Malaysia from 2000 to 2024, utilizing national-level data meticulously categorized by state, age, and gender. The primary objectives are to analyse the temporal trends of these deaths that caused by Transport accidents, particularly among young drivers and to investigate how these trends vary across different age groups and states. Sources for this data are from the Department of Statistics Malaysia (DOSM), the National Registration Department (JPN) and the Royal Malaysia Police (PDRM). Key findings indicate that males are consistently more likely to be involved in most Transport accident cases.

INTRODUCTION

According to the World Health Organization (WHO), Transport accidents are the worldwide leading cause of death among individuals aged 5 to 29 years. Nonfatal car accidents, motor vehicle accidents, motor vehicle collisions and motor vehicle crashes are even more common as they can have a lasting impact on your health and happiness. Terms such as 'motor vehicle accident', 'motor vehicle collision' and 'motor vehicle crash' are also used to describe these incidents, emphasizing the variety of terms utilized in legal and insurance contexts to address the nuances of fault and negligence (Law Office of Cohen & Jaffe, 2025).

Findings by WHO (2018) report, approximately 1.35 million people die each year worldwide because of road traffic accidents, 71 per cent of which occur in developing countries and 20 to 50 million are injured. In the United States alone, the National Highway Traffic Safety Administration (NHTSA) reports that there were over 36,000 died in motor vehicle crashes in 2019 (Law Office of Cohen & Jaffe, 2025).

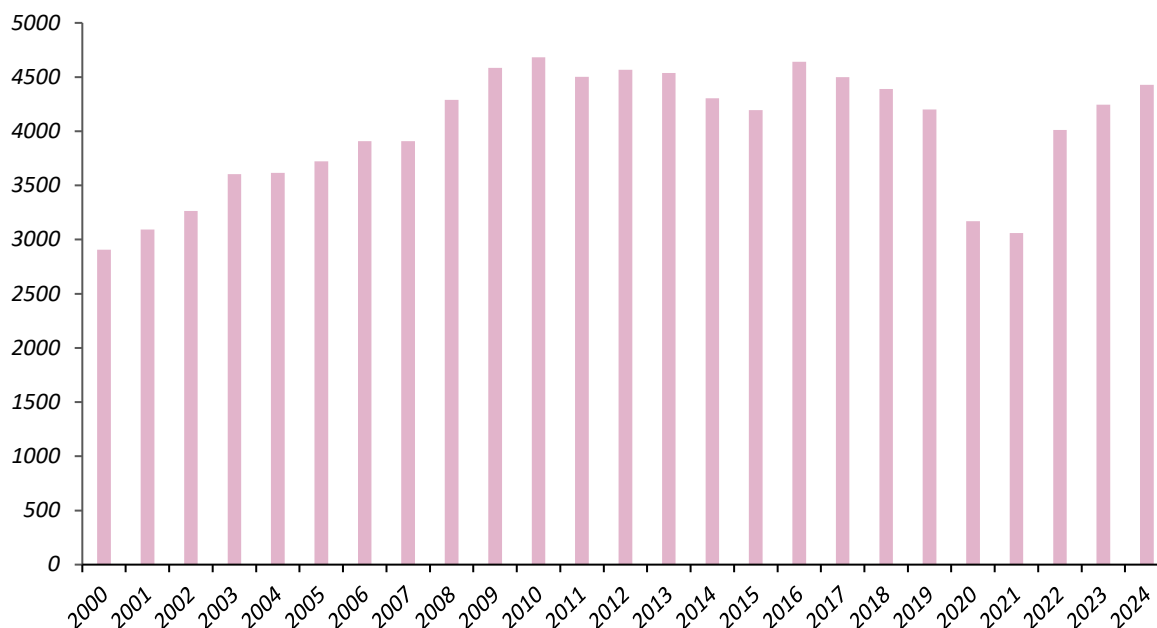
According to Vasalla et al. (2007), youngsters drive even more recklessly and are associated with more car accidents than some other age gathering. Considering the high number of youths among the drivers, a broad assortment of driving practices is routinely exhibited out and about, for example, respectful activities (e.g., enabling others to converge on the roadway), inadvertent mistakes (e.g., backing up and about hitting another vehicle), purposeful transgressions (e.g., running a red light), and reactions to the activities of different drivers (e.g., blaring horn in the wake of being cut off). Also, other parameters that show reckless driving include speed, headway and frequent lane changes, especially in an abrupt manner. Driving practices differ

essentially in the degree to which they may represent a danger to different drivers, and scientists use drivers' frequencies of taking part in various practices to make derivations about ordinary driving-related feelings and activities. Annoyance, anger, shock, threat, excitement and frustration were the most common causes of aggressive driving (Rosemary O'brien, 2011).

DEATHS CAUSED BY TRANSPORT ACCIDENTS IN MALAYSIA

Transport accidents cost the lives of almost 1.35 million people annually, or 3,700 people every day on average. Road traffic injuries cause considerable economic losses to individuals, their families, and to nations as a whole. According to MIROS's 2018 Value of Statistical Life (VSOL) report, the Malaysian government has lost at least RM3.12 million for each life. Road accidents constitute a serious public health challenge to the nation, with an average of 18 persons killed in road accidents every day in Malaysia. It also underlines the urgent need for an effective policy response. (Ministry of Transport Malaysia, 2025).

Every motor accident is distinctive, even though they all have the potential to have disastrous outcomes. These collisions can be caused by a variety of circumstances and result in damage to different vehicle components. The lack of structured education for semi-automated vehicle operators mirrors similar risks in other industries, where formal training is crucial for safe operation. Two policy recommendations are proposed which the first one is the governments should create concise, official resources in accessible and official format to educate drivers on system capabilities and limitations. Second, mandatory training and certification programs should be introduced, combining theoretical and hands-on components to prepare drivers for real-world scenarios. These measures will improve driver understanding, reduce misuse, and foster public trust in semi-automated vehicle technologies. By addressing the knowledge gap, policymakers can ensure a safer, more responsible transition to automation, maximizing its benefits while minimizing risks to public safety (Mukherjee et al., 2025).

Chart 1: Number of deaths caused by transport accident, Malaysia, 2000-2024

Source: Department of Statistics Malaysia

As depicted in Chart 1, the slope of motor vehicle accidents (MVA) increased by year, but for the year 2020 and 2021 decreased a little due to pandemic COVID-19 and continue to rise in 2022. The number of MVA in 2023 increased from 4,011 (2022) to 4,428 (2024). On average, MVA in Malaysia have increased every year except in 2020 and 2021. This was primarily due to the COVID-19 pandemic and the associated Movement Control Orders (MCOs). The implementation of the Movement Control Order (MCO) required people to stay at home and led to a reduction in traffic on the roads.

The implementation of the MCO led the industrial sector to operate at low capacity and the enforcement of new norms and compliance with standard operating procedures contribute to a reduction in workplace accidents (Berita Harian Metro, 2024). Additionally, based on the study "Impact of the COVID-19 Pandemic on Population Growth and Resilience in Malaysia" (R.M. Amin, 2022), the decline in the mortality rate in 2020 was attributed to the implementation of the MCO, which successfully reduced the number of deaths caused by road and transportation accidents.

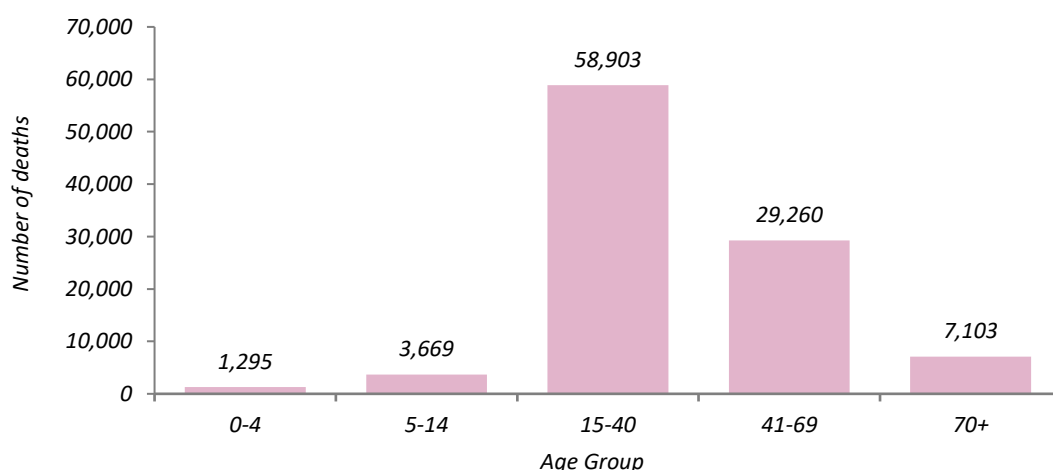
TRANSPORT ACCIDENTS BY AGE GROUP

Traffic accidents are among the major global health problems. In 2017, they accounted for 57,638,366 years of life lost (YLLs), 10,159,667 years of life with disability

(YLDs) and 67,798,033 years of life lost due to disability (DALYs) (WHO, 2018). The issue of young drivers being at high risk of dying in a traffic accident is also important.

According to The Ministry of Youth and Sports (KBS) and the Malaysian Youth Council (MBM) have collectively agreed to define the youth age as 15 to 40 years old, following the introduction of the Youth Societies and Youth Development Act (Act 688). While referring to results of a study conducted in Poland, we can note that the mortality rate from this cause was not the highest among people aged 20–44 years, but it should be pointed out that deaths in this group accounted for 58.0 per cent of all deaths in this class in 1990, while in 2018, deaths made up almost half (49.6%) of the total number of deaths. This pattern was similar to the one observed in other countries, but the rate of decline was different. In contrast, in Germany in 2017, deaths due to transport accidents in the age group 15–49 years accounted for 41.6 per cent of the total number of deaths from this cause (60.5% in 1990). In the same year, in France, the value was 50.1 per cent (51.3% in 1990), and in Italy 41.7 per cent (52.9% in 1990).

Chart 2: Total deaths by transport accident by age group, Malaysia, 2000-2024



Source: Department of Statistics Malaysia

Chart 2 shows a large number in younger age, particularly in age group 15-40 years, where the number of deaths is higher as compared to other age groups. Age group 15-40 years is the largest contributor to mortality of motor vehicle accident, recording 58,903 deaths, followed by the population aged 41-69 years (29,260 deaths) and 70 years and over (7,103 deaths). Hk and Chauhan (2023) said that road accidents are the principal causes of death for the population aged 5-29 years. This risk is significant among teenagers, especially males, who are more likely to be involved in road accidents as compared to females.

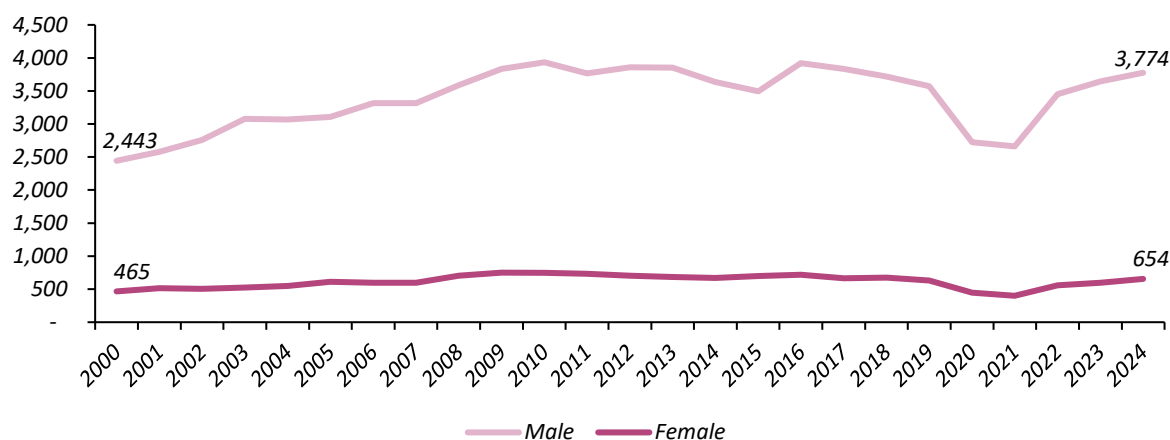
Several younger age groups, such as age group 0-4 years and 5-14 years, showed a small number in transport accident's death. This indicates that age plays a significant

role in mortality trends in Malaysia, with high transport accident mortality occurred in younger age groups.

Table 1: Percentage of deaths caused by transport accident by age group, 2000-2024

Year/ Age group	Per cent (%)					Total
	0-4	5-14	15-40	41-69	70+	
2000	1.5	5.9	60.4	26.7	5.5	100.0
2001	1.5	5.5	59.8	27.6	5.7	100.0
2002	1.7	4.9	58.8	28.9	5.8	100.0
2003	1.3	4.1	60.9	27.4	6.1	100.0
2004	1.4	4.1	60.8	27.4	6.3	100.0
2005	1.5	5.1	58.5	28.4	6.6	100.0
2006	1.0	4.0	58.4	29.5	7.0	100.0
2007	1.4	4.3	57.6	30.4	6.3	100.0
2008	1.2	3.7	59.3	28.3	7.4	100.0
2009	1.7	4.3	58.0	28.5	7.5	100.0
2010	1.1	4.8	58.9	28.2	7.0	100.0
2011	1.6	3.8	58.4	29.4	6.9	100.0
2012	1.4	3.6	59.0	28.4	7.6	100.0
2013	1.1	2.8	58.9	29.8	7.4	100.0
2014	1.3	3.4	59.1	29.2	7.0	100.0
2015	1.2	3.5	58.3	30.3	6.7	100.0
2016	1.4	3.8	58.7	28.6	7.6	100.0
2017	1.2	3.2	58.6	29.4	7.6	100.0
2018	1.1	3.0	58.2	29.7	7.9	100.0
2019	1.1	2.4	58.4	29.9	8.2	100.0
2020	1.3	2.1	57.9	30.8	8.0	100.0
2021	1.1	2.0	56.9	31.6	8.5	100.0
2022	1.0	2.9	58.6	29.8	7.6	100.0
2023	1.2	2.6	57.4	30.5	8.3	100.0
2024	1.2	2.5	57.5	29.4	9.4	100.0

The population aged 15-40 years recorded the highest percentage of deaths in from 2000 until 2024, which averagely from 57.4 per cent to 60.9 per cent, followed by the age group 41-69 years, which accounted from 26.7 per cent to 31.6 per cent.

Chart 3: Transport accident's death by sex, Malaysia, 2000-2024

Source: Department of Statistics Malaysia

Chart 3 shows a clear and consistent trend is visible throughout the entire period which we can see that the death for male is consistently higher than that for female. This gap, while fluctuating, remains a constant feature of the data. For instance, in 2000, male recorded 2,443 deaths as compared to 465 deaths for women. The years 2021 and 2022 stand out with particularly high death rates for both genders, which is likely a reflection of the COVID-19 pandemic and its associated health crises. The subsequent drop in 2023 suggests a return to more typical mortality levels. This chart provides a detailed look at gender-based mortality trends in Malaysia, highlighting the persistent higher death rate among men and the significant impact of the pandemic on overall mortality.

DEATHS CAUSED BY TRANSPORT ACCIDENTS: A STATE-BASED OVERVIEW

Each state may have different causes of death due to several key factors such as demographic differences, access to healthcare services, lifestyle and socioeconomic conditions. As stated by Jiang et al (2024), demographic factors like age and ethnic composition significantly influence disease risk, as genetic risk profiles vary across different populations and age groups, affecting disease susceptibility and progression. According to a report by the Royal Malaysia Police (RMP), a total of 638,060 road accident cases were reported in Malaysia in 2024. Selangor recorded the highest number of accident cases with 187,156, followed by Johor (97,466 cases) and W.P. Kuala Lumpur (76,763 cases). Selangor also recorded the highest number of deaths, followed by Johor and Kedah.

Selangor consistently report the highest number of deaths due to transport accidents, often exceeding 700 incidents annually, with a peak of 786 in 2017. This is likely due to its high population density and extensive road networks. Similarly, Johor and Perak also show high accident numbers, typically ranging from 400 to over 600. In contrast,

states with smaller populations, such as Perlis, WP Labuan, and WP Putrajaya, consistently report very low accident figures, often fewer than 100 per year.

The table also indicates a general decrease in accidents across many states in 2020 and 2021, which can be attributed to the movement control orders and lockdowns implemented during the COVID-19 pandemic, significantly reducing traffic on the roads. Post-pandemic years, like 2022 and 2023, show a return to higher accident numbers, approaching or exceeding pre-pandemic levels in some states. The table provides a clear quantitative overview of MVA distribution and trends throughout Malaysia.

Table 2: Number of deaths caused by transport accident by state, 2014-2024

State/Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Johor	511	551	628	624	624	647	434	392	509	612	663
Kedah	497	509	535	507	476	438	347	369	513	469	505
Kelantan	266	253	231	270	251	219	183	164	228	206	245
Melaka	183	175	211	196	147	166	124	88	121	143	183
Negeri Sembilan	268	244	277	264	266	179	171	152	219	249	239
Pahang	309	277	314	296	286	256	212	168	258	300	290
Perak	455	473	528	467	472	453	305	319	411	429	410
Perlis	64	63	57	68	63	77	55	38	59	44	50
Pulau Pinang	310	269	345	278	309	311	233	247	297	311	290
Sabah	101	99	100	135	155	161	136	143	181	181	209
Sarawak	268	251	237	229	254	220	157	192	168	153	121
Selangor	709	670	768	786	708	700	537	529	700	775	807
Terengganu	194	197	245	218	181	198	155	140	192	214	205
W.P. Kuala Lumpur	159	149	153	143	188	162	111	113	144	140	198
W.P. Labuan	6	6	8	5	7	5	3	4	4	6	4
W.P. Putrajaya	4	10	3	13	4	9	6	3	7	12	9

PRINCIPAL CAUSES OF DEATH BY AGE GROUP

The leading cause of death for those between the ages of 10 and 34 years is transport accidents in 2024 while the leading cause of death for people between the ages of 5 and 39 years in 2000 was likewise transportation related. This pattern suggests that the younger age group experienced transport accidents in 2000 to 2024.

Table 3: Principal causes of death by age group, Malaysia, 2000 and 2024

Age Group (Years)	PRINCIPAL CAUSES OF DEATH	
	2000	2024
0	Certain conditions originating in the perinatal period	Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified
1-4	Congenital malformations, deformations and chromosomal abnormalities	Structural developmental anomaly of heart or great vessels
5-9	Transport accidents	Unintentional immersion, submersion or falling into water
10-14	Transport accidents	Transport accidents
15-19	Transport accidents	Transport accidents
20-24	Transport accidents	Transport accidents
25-29	Transport accidents	Transport accidents
30-34	Transport accidents	Transport accidents
35-39	Transport accidents	Ischaemic heart diseases
40-44	Ischaemic heart diseases	Ischaemic heart diseases
45-49	Ischaemic heart diseases	Ischaemic heart diseases
50-54	Ischaemic heart diseases	Ischaemic heart diseases
55-59	Ischaemic heart diseases	Ischaemic heart diseases
60-64	Ischaemic heart diseases	Ischaemic heart diseases
65-69	Ischaemic heart diseases	Ischaemic heart diseases
70-74	Ischaemic heart diseases	Ischaemic heart diseases
75-79	Ischaemic heart diseases	Pneumonia
80-84	Ischaemic heart diseases	Pneumonia
85-89	Ischaemic heart diseases	Pneumonia
90-94	Pneumonia	Pneumonia
95 and over	Ischaemic heart diseases	Pneumonia

In the year 2000, transport accidents were the principal cause of death for a wide range of age groups, from 5 to 34 years age group. This indicates that in 2000, transport accidents were a major cause of mortality among children, adolescents and young adults.

However, a comparison with the year 2024 shows a notable change. The age groups for which transport accidents are the principal cause of death have become more concentrated. While it remains the principal causes of death for the age groups 10-14, 15-19, 20-24, 25-29 and 30-34 years, it is no longer the principal cause for the 5-9 years age group, where it has been replaced by drowning. The data indicates that despite the passage of time, transport accidents continue to be a dominant cause of death for a significant portion of the younger population, underscoring the ongoing need for road safety initiatives.

PRINCIPAL CAUSES OF DEATH BY STATE

According to data from the National Health and Morbidity Survey (NHMS) 2023, four non-communicable diseases that is obesity, high blood pressure, diabetes and high cholesterol affect about half a million adults or 2.5 per cent of the total population. These conditions are significant risk factors for stroke and heart disease. More than 70 per cent of deaths in Malaysia are caused by non-communicable diseases, making them the principal causes of death. According to the Statistics on Causes of Death, Malaysia, 2025, 13 states recorded Ischaemic heart disease as the principal causes of death. Deaths from this cause were more prevalent in Selangor and Johor. In 2024, Ischaemic heart disease accounted for 13.0 per cent of deaths in Malaysia.

Pneumonia was the principal cause of death especially in the elderly. The states with the highest Pneumonia related death rates are Kedah (11.9%), Johor (13.5%) and Selangor (16.9%). With 1,185 deaths, or 10.8 per cent of all deaths, Kedah had the largest number of deaths caused by Diabetes Mellitus. Perak and Terengganu, which had the second-highest proportion in 2023 at 10.0 per cent, came next. According to NHMS 2015, Kedah has one of Malaysia's highest prevalence rates of diabetes, which is consistent with the state's higher rates of obesity.

Table 4: Causes of death by State, Malaysia, 2024

State	Ischaemic heart diseases		Pneumonia		Transport Accidents	
	Number	Per cent	Number	Per cent	Number	Per cent
Malaysia	17,421	13.0	15,332	11.5	4,428	3.3
Johor	2,620	14.0	2,197	11.8	663	3.6
Kedah	2,349	16.4	1,806	12.6	505	3.5
Kelantan	1,661	18.8	1,057	11.9	245	2.8
Melaka	480	13.6	373	10.6	183	5.2
Negeri Sembilan	820	12.8	521	8.1	239	3.7
Pahang	953	13.2	908	12.6	290	4.0
Perak	1,349	11.4	1,738	14.7	410	3.5
Perlis	248	14.1	190	10.8	50	2.8
Pulau Pinang	1,146	12.4	1,028	11.2	290	3.2
Sabah	409	5.1	801	9.9	209	2.6
Sarawak	614	7.7	787	9.9	121	1.5
Selangor	3,038	13.7	2,425	11.0	807	3.6
Terengganu	616	10.4	596	10.1	205	3.5
W.P. Kuala Lumpur	1,035	14.0	855	11.5	198	2.7
W.P. Labuan	45	15.0	34	11.3	4	1.3
W.P. Putrajaya	38	13.5	16	5.7	9	3.2

Furthermore, based on the Table 4 above, transport accidents are among the top five causes of death in Malaysia. The number of deaths recorded from transport accidents in 2024 was 4,428, an increase of 4.3 per cent as compared to 2023 (4,244 deaths). Selangor recorded the highest death toll at 18.2 per cent, followed by Johor (15.0%), Kedah (11.4%) and Perak (9.3%).

FACTOR TRANSPORT ACCIDENT AMONG YOUNG DRIVERS

In Malaysia, road transport accidents remained as one of the major causes of death, particularly among young drivers aged 16 to 30 years. According to the Royal Malaysian Police (PDRM), youths accounted for nearly 50 per cent of the 14,308 road-accident deaths recorded between 2019 and 2021 (Paultan.org, 2022). This alarming statistic is closely linked to inexperience, overconfidence and risky driving behaviour. Young drivers are more likely to engage in speeding, tailgating or mobile-phone use while driving, which increases their vulnerability to crashes. Peer pressure, fatigue and poor hazard-perception skills also contribute significantly to their risk profile. Among young motorcycle riders, a large proportion of Malaysia's youth deaths are more common among those who ride unlicensed or at night, with 69 per cent of unlicensed crash that involved riders identified as young (Jurnal Teknologi, 2013).

In addition to behavioural factors, poor road conditions and infrastructure design play a major role in fatal crashes. The National Security Council (2024) highlights that poorly maintained roads with potholes, uneven surfaces, or inadequate lighting can cause drivers to lose control, especially inexperienced or young ones. Inappropriate road design such as sharp turns, steep slopes, and insufficient warning signage poses particular danger to both light and heavy vehicles. Similarly, vehicle condition is critical; inadequate maintenance can lead to mechanical failures such as brake malfunctions or tire blowouts, while older or unserviced vehicles are more prone to such issues.

For young and commercial drivers alike, fatigue and distraction (especially from mobile phones) significantly impair reaction time and focus, increasing accident likelihood. The Malaysian Institute of Road Safety Research (MIROS) found that over 80 per cent of road accidents in Malaysia stem from driver behaviour, underlining the interplay between human error and unsafe road environments (Australasian Fleet Management Association [AFMA], 2023).

Environmental and enforcement factors further compound the problem. Heavy rain, fog, and slippery surfaces reduce visibility and traction, while traffic congestion heightens accident risks through frequent stopping and starting. From an enforcement perspective, inconsistent monitoring and weak implementation of traffic laws allow risky practices such as overloading vehicles or non-compliance with speed limits to persist.

A study in Sabah found that night-time driving, federal-road use, and single-vehicle crashes were key contributors to crash severity among young drivers (Narotama Journal, 2020). Therefore, reducing fatalities among young and commercial drivers requires a comprehensive approach: improving road maintenance and design, enforcing safety regulations, ensuring vehicle roadworthiness and cultivating safe driving attitudes through education and awareness. Strengthening these areas can significantly reduce the rate of road-transport fatalities in Malaysia and create safer conditions for all road users.

CONCLUSION

Transport accidents are a critical public health issue in Malaysia, especially among younger people. This disproportionate impact highlights a significant challenge in achieving the nation's well-being goals. To effectively address this, we need to move beyond a general understanding and delve into specific risk factors tied to age and geographic location. By analysing mortality trends, authorities can identify and address "black spots" with high-risk areas where accidents are most frequent. This data-driven approach allows for the development of targeted, location-specific interventions. For example, a state with a high number of motorcycle fatalities might require different strategies than a state with more accidents involving lorries or buses.

Ultimately, a deeper understanding of these factors is crucial for creating and implementing more effective health policies. These policies should aim to not only improve road safety and reduce accident-related deaths but also align with the Sustainable Development Goals (SDGs), specifically the goal of halving global deaths and injuries from road traffic accidents. By tackling this issue head-on, Malaysia can create safer roads for all its citizens, particularly its most vulnerable populations.

DISCLAIMER

The view expressed in this article are those of the authors and do not necessarily represent the views of DOSM.

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JADUAL *TABLES*

PERANGKAAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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KEMATIAN *DEATHS*

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 1.1: Kematian (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 1.1: Deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian Death			Kadar kematian kasar Crude death rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	198,992	113,866	85,126	5.8	6.4	5.3
Johor	25,031	14,492	10,539	6.0	6.5	5.4
Kedah	16,815	9,290	7,525	7.6	8.2	6.9
Kelantan	11,662	6,456	5,206	6.2	6.8	5.5
Melaka	6,286	3,597	2,689	6.0	6.5	5.5
Negeri Sembilan	8,686	4,985	3,701	7.0	7.7	6.2
Pahang	10,516	6,179	4,337	6.3	6.9	5.6
Perak	20,948	11,793	9,155	8.2	8.8	7.5
Perlis	2,238	1,239	999	7.5	8.4	6.7
Pulau Pinang	12,728	7,112	5,616	7.1	7.7	6.4
Sabah	16,472	9,672	6,800	4.4	4.9	3.8
Sarawak	16,443	9,446	6,997	6.5	7.3	5.7
Selangor	33,102	19,383	13,719	4.5	4.9	4.0
Terengganu	7,668	4,248	3,420	6.2	6.7	5.7
W.P. Kuala Lumpur	9,704	5,550	4,154	4.7	5.0	4.4
W.P. Labuan	391	255	136	3.9	4.9	2.8
W.P. Putrajaya	302	169	133	2.5	2.8	2.2

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, 2024
 Table 1.2: Deaths (number and rate) by ethnic group and sex, Malaysia, 2024

		Jumlah Total	Lelaki Male	Perempuan Female
Warganegara Citizen	Kematian Deaths	195,334	111,645	83,689
	Kadar kematian kasar Crude death rate	6.4	7.2	5.5
Bumiputera	Kematian Deaths	124,140	69,988	54,152
	Kadar kematian kasar Crude death rate	5.8	6.4	5.1
Melayu Malay	Kematian Deaths	103,118	57,870	45,248
	Kadar kematian kasar Crude death rate	5.8	6.4	5.1
Bumiputera Lain Other Bumiputera	Kematian Deaths	21,022	12,118	8,904
	Kadar kematian kasar Crude death rate	5.6	6.4	4.8
Cina Chinese	Kematian Deaths	52,393	30,706	21,687
	Kadar kematian kasar Crude death rate	7.6	8.8	6.4
India Indians	Kematian Deaths	16,732	9,773	6,959
	Kadar kematian kasar Crude death rate	8.3	9.7	7.0
Lain-lain Others	Kematian Deaths	2,069	1,178	891
	Kadar kematian kasar Crude death rate	9.0	9.5	8.3
Bukan warganegara Non-citizen	Kematian Deaths	3,658	2,221	1,437
	Kadar kematian kasar Crude death rate	1.1	0.9	1.4

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, 2024

Table 1.3: Deaths by age group and sex, Malaysia, 2024

Kumpulan umur Age group	Jumlah Total	Lelaki Male	Perempuan Female
Jumlah/ Total	198,992	113,866	85,126
Kurang 1 tahun/ Under 1 year	2,974	1,645	1,329
Kurang 1 hari/ Under 1 day	598	320	278
1 hari hingga < 1 minggu/ 1 day to < 1 week	802	469	333
1 minggu hingga < 4 minggu/ 1 week to < 4 weeks	463	251	212
4 minggu hingga < 3 bulan/ 4 weeks to < 3 months	457	250	207
3 bulan hingga < 6 bulan/ 3 months to < 6 months	344	187	157
6 bulan hingga < 9 bulan/ 6 months to < 9 months	179	104	75
9 bulan hingga < 12 bulan/ 9 months to < 12 months	131	64	67
1 tahun/ 1 year	152	77	75
2 tahun/ 2 years	186	100	86
3 tahun/ 3 years	133	78	55
4 tahun/ 4 years	157	85	72
0-4	3,602	1,985	1,617
5-9	412	238	174
10-14	674	407	267
15-19	1,657	1,255	402
20-24	2,177	1,617	560
25-29	2,507	1,787	720
30-34	3,243	2,269	974
35-39	4,654	3,207	1,447
40-44	6,489	4,360	2,129
45-49	8,465	5,659	2,806
50-54	11,033	7,210	3,823
55-59	15,307	9,850	5,457
60-64	19,670	12,367	7,303
65-69	22,876	13,893	8,983
70-74	24,513	14,207	10,306
75-79	24,079	13,245	10,834
80-84	20,783	10,120	10,663
85-89	16,890	6,971	9,919
90-94	7,212	2,431	4,781
95 dan lebih/ 95 and over	2,749	788	1,961

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2024

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2024

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>
Malaysia	198,992	113,866	85,126	5.8	6.4	5.3
Johor	25,031	14,492	10,539	6.0	6.5	5.4
Batu Pahat	3,461	1,947	1,514	6.8	7.2	6.3
Johor Bahru	8,507	4,999	3,508	4.7	5.2	4.2
Kluang	2,320	1,389	931	7.0	7.5	6.3
Kota Tinggi	1,914	1,103	811	8.2	8.8	7.5
Mersing	645	390	255	8.0	9.0	6.8
Muar	2,167	1,199	968	6.7	6.7	6.7
Pontian	1,473	835	638	8.3	8.7	7.7
Segamat	1,769	1,001	768	8.6	9.3	7.9
Kulai	1,602	963	639	4.6	5.0	4.0
Tangkak	1,173	666	507	6.9	7.5	6.3
Kedah	16,815	9,290	7,525	7.6	8.2	6.9
Baling	1,419	790	629	9.6	10.4	8.7
Bandar Baharu	454	232	222	10.0	9.9	10.0
Kota Setar	3,263	1,756	1,507	8.5	9.3	7.8
Kuala Muda	3,676	2,074	1,602	6.4	7.0	5.8
Kubang Pasu	1,934	1,095	839	7.6	8.8	6.5
Kulim	2,118	1,197	921	6.0	6.6	5.4
Langkawi	703	393	310	7.0	7.6	6.4
Padang Terap	566	307	259	8.4	8.7	8.0
Sik	645	347	298	9.2	9.7	8.7
Yan	542	268	274	7.3	7.0	7.5
Pendang	1,036	574	462	10.2	10.7	9.6
Pokok Sena	459	257	202	9.0	9.3	8.7
Kelantan¹	11,662	6,456	5,206	6.2	6.8	5.5
Bachok	981	574	407	5.9	7.2	4.8
Kota Bharu	3,478	1,842	1,636	6.0	6.3	5.6
Machang	781	435	346	6.7	7.5	5.9
Pasir Mas	1,563	864	699	6.5	7.1	5.9
Pasir Puteh	1,028	560	468	7.2	7.9	6.5
Tanah Merah	904	512	392	5.7	6.3	5.1
Tumpat	1,221	696	525	6.5	7.4	5.5
Gua Musang	536	326	210	4.9	5.4	4.2
Kuala Krai	800	450	350	7.2	8.0	6.3
Jeli	314	171	143	5.4	5.9	5.0
Kecil Lojing	56	26	30	4.9	4.4	5.5

Nota/ Note : ¹ Jajahan

**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina
Malaysia, 2024 (samb.)**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2024 (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	6,286	3,597	2,689	6.0	6.5	5.5
Alor Gajah	1,513	861	652	5.8	6.4	5.2
Jasin	1,126	634	492	7.2	7.6	6.7
Melaka Tengah	3,647	2,102	1,545	5.8	6.2	5.3
Negeri Sembilan	8,686	4,985	3,701	7.0	7.7	6.2
Jelebu	431	259	172	8.9	9.6	7.9
Kuala Pilah	738	398	340	10.2	10.6	9.8
Port Dickson	962	558	404	7.1	7.8	6.4
Rembau	471	248	223	9.6	9.8	9.3
Seremban	4,162	2,411	1,751	5.8	6.6	5.1
Tampin	767	405	362	8.5	8.4	8.5
Jempol	1,155	706	449	8.8	10.4	7.1
Pahang	10,516	6,179	4,337	6.3	6.9	5.6
Bentong	834	513	321	6.9	7.4	6.2
Cameron Highlands	216	132	84	4.9	4.9	4.8
Jerantut	795	482	313	8.0	9.0	6.7
Kuantan	2,695	1,626	1,069	4.7	5.5	3.9
Lipis	582	323	259	5.7	5.9	5.5
Pekan	876	469	407	6.9	6.8	6.9
Raub	736	445	291	7.3	8.3	6.3
Temerloh	1,304	735	569	7.3	7.9	6.7
Rompin	796	490	306	7.7	8.8	6.5
Maran	975	539	436	8.2	8.6	7.8
Bera	707	425	282	7.0	7.8	6.0
Perak	20,948	11,793	9,155	8.2	8.8	7.5
Batang Padang	1,121	669	452	8.8	9.8	7.7
Manjung	1,796	996	800	7.0	7.2	6.8
Kinta	6,738	3,810	2,928	7.3	7.9	6.7
Kerian	1,744	924	820	10.3	10.6	10.0
Kuala Kangsar	1,630	881	749	9.1	9.6	8.5
Larut & Matang	2,648	1,539	1,109	9.5	10.6	8.3
Hilir Perak	1,348	732	616	9.5	9.8	9.2
Hulu Perak	772	469	303	7.8	9.2	6.4
Perak Tengah	774	422	352	7.8	8.2	7.4
Kampar	928	540	388	9.3	10.5	8.0
Muallim	417	245	172	5.3	6.5	4.2
Bagan Datuk	577	324	253	6.9	7.0	6.8
Selama	455	242	213	12.9	13.5	12.4

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2024 (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	2,238	1,239	999	7.5	8.4	6.7
Pulau Pinang	12,728	7,112	5,616	7.1	7.7	6.4
Seberang Perai Tengah	2,858	1,591	1,267	6.4	6.7	6.1
Seberang Perai Utara	2,574	1,455	1,119	7.3	8.2	6.5
Seberang Perai Selatan	1,380	818	562	7.3	8.6	6.0
Timur Laut	4,344	2,364	1,980	7.6	8.2	7.1
Barat Daya	1,572	884	688	6.3	7.1	5.6
Sabah	16,472	9,672	6,800	4.4	4.9	3.8
Tawau	1,592	962	630	3.8	4.5	3.2
Lahad Datu	790	456	334	3.1	3.4	2.8
Semporna	780	444	336	3.9	4.3	3.5
Sandakan	1,706	1,035	671	3.4	4.0	2.8
Kinabatangan	262	148	114	1.6	1.6	1.6
Beluran	373	203	170	4.1	4.1	4.1
Kota Kinabalu	2,323	1,384	939	4.2	4.9	3.5
Ranau	676	419	257	7.6	9.2	6.0
Kota Belud	732	380	352	6.6	6.8	6.4
Tuaran	913	516	397	6.4	7.2	5.7
Penampang	636	368	268	3.8	4.1	3.4
Papar	881	520	361	5.6	6.2	4.9
Kudat	619	375	244	6.6	7.9	5.3
Kota Marudu	503	314	189	6.8	8.3	5.3
Pitas	282	145	137	7.3	7.3	7.3
Beaufort	663	366	297	8.5	9.1	7.9
Kuala Penyu	166	103	63	6.8	8.3	5.2
Sipitang	203	123	80	5.0	5.8	4.1
Tenom	363	207	156	6.7	7.5	6.0
Nabawan	105	67	38	3.4	4.1	2.6
Keningau	794	476	318	5.0	5.8	4.2
Tambunan	225	127	98	6.8	7.5	6.0
Kunak	254	158	96	3.2	3.7	2.6
Tongod	134	87	47	3.0	3.6	2.3
Putatan	293	163	130	4.1	4.4	3.8
Telupid	71	49	22	2.3	2.9	1.6
Kalabakan	133	77	56	2.3	2.4	2.1

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2024 (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>
Sarawak	16,443	9,446	6,997	6.5	7.3	5.7
Kuching	3,551	2,024	1,527	5.7	6.4	4.9
Bau	440	250	190	8.2	9.0	7.3
Lundu	264	146	118	7.7	8.0	7.4
Samarahan	329	176	153	2.4	2.7	2.2
Serian	838	487	351	9.6	10.9	8.2
Simunjan	335	164	171	9.0	8.5	9.7
Sri Aman	551	331	220	9.0	10.5	7.4
Lubok Antu	264	146	118	10.7	11.8	9.6
Betong	391	207	184	10.6	10.8	10.3
Saratok	234	131	103	10.0	11.3	8.6
Sarikei	383	227	156	8.5	10.1	7.0
Maradong	249	140	109	12.0	13.5	10.4
Daro	176	99	77	8.8	9.2	8.3
Julau	132	79	53	8.5	10.2	6.7
Sibu	1,536	889	647	6.0	6.7	5.2
Dalat	201	114	87	9.3	10.1	8.3
Mukah	296	158	138	7.0	7.1	6.8
Kanowit	350	209	141	14.0	16.8	11.2
Bintulu	590	370	220	3.1	3.6	2.5
Tatau	194	109	85	6.1	6.3	5.8
Kapit	326	174	152	8.8	9.4	8.3
Song	154	72	82	15.0	14.4	15.6
Belaga	112	66	46	5.0	5.2	4.7
Miri	1,426	861	565	5.6	6.4	4.6
Marudi	178	110	68	9.7	11.3	7.8
Limbang	301	200	101	6.5	8.4	4.5
Lawas	258	159	99	6.8	8.2	5.3
Matu	145	70	75	8.8	7.9	9.9
Asajaya	291	148	143	8.4	8.4	8.4
Pakan	130	70	60	8.3	8.5	8.1
Selangau	145	79	66	7.1	7.5	6.7
Tebedu	174	105	69	6.8	8.0	5.4
Pusa	179	101	78	8.9	9.7	8.0
Kabong	186	117	69	9.8	12.3	7.3
Tanjung Manis	101	54	47	12.8	13.1	12.5
Sebauh	189	115	74	6.0	6.5	5.5
Bukit Mabong	107	57	50	10.1	8.9	11.9
Subis	415	242	173	7.5	7.9	6.9
Beluru	152	87	65	5.7	6.1	5.2
Telang Usan	170	103	67	9.8	11.1	8.2

Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2024 (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	33,102	19,383	13,719	4.5	4.9	4.0
Gombak	4,285	2,533	1,752	4.4	5.0	3.7
Klang	5,619	3,348	2,271	4.8	5.1	4.3
Kuala Langat	1,735	1,002	733	5.3	5.8	4.7
Kuala Selangor	1,646	938	708	5.5	6.1	4.9
Petaling	9,273	5,353	3,920	3.9	4.3	3.5
Sabak Bernam	1,222	691	531	11.1	12.0	10.1
Selangor	1,220	704	516	3.5	3.8	3.2
Ulu Langat	6,654	3,951	2,703	4.4	4.9	3.9
Ulu Selangor	1,448	863	585	5.6	6.2	4.9
Terengganu	7,668	4,248	3,420	6.2	6.7	5.7
Besut	1,044	559	485	6.3	6.6	6.0
Dungun	1,062	610	452	6.3	7.1	5.5
Kemaman	1,098	638	460	4.7	5.2	4.2
Kuala Terengganu	1,789	988	801	7.3	8.0	6.6
Marang	800	443	357	6.3	6.8	5.8
Hulu Terengganu	558	298	260	7.5	7.5	7.5
Setiu	427	226	201	6.6	6.9	6.4
Kuala Nerus	890	486	404	5.7	6.2	5.2
W.P. Kuala Lumpur	9,704	5,550	4,154	4.7	5.0	4.4
W.P. Labuan	391	255	136	3.9	4.9	2.8
W.P. Putrajaya	302	169	133	2.5	2.8	2.2

Kadar adalah bagi setiap 1,000 penduduk

The rates are per 1,000 population

Jadual 1.5 (a): Kematian mengikut klasifikasi dan negeri, Malaysia, 2024

Table 1.5 (a): Deaths by classification and state, Malaysia, 2024

Negeri State	Disahkan secara perubatan Medically certified		Tidak disahkan secara perubatan Non-medically certified		Jumlah Total	
	Bil. No.	%	Bil. No.	%	Bil. No.	%
MALAYSIA	133,844	67.3	65,148	32.7	198,992	100.0
Johor	18,650	74.5	6,381	25.5	25,031	100.0
Kedah	14,365	85.4	2,450	14.6	16,815	100.0
Kelantan	8,858	76.0	2,804	24.0	11,662	100.0
Melaka	3,520	56.0	2,766	44.0	6,286	100.0
Negeri Sembilan	6,413	73.8	2,273	26.2	8,686	100.0
Pahang	7,204	68.5	3,312	31.5	10,516	100.0
Perak	11,811	56.4	9,137	43.6	20,948	100.0
Perlis	1,761	78.7	477	21.3	2,238	100.0
Pulau Pinang	9,206	72.3	3,522	27.7	12,728	100.0
Sabah	8,077	49.0	8,395	51.0	16,472	100.0
Sarawak	7,947	48.3	8,496	51.7	16,443	100.0
Selangor	22,119	66.8	10,983	33.2	33,102	100.0
Terengganu	5,912	77.1	1,756	22.9	7,668	100.0
W.P. Kuala Lumpur	7,419	76.5	2,285	23.5	9,704	100.0
W.P. Labuan	300	76.7	91	23.3	391	100.0
W.P. Putrajaya	282	93.4	20	6.6	302	100.0

Jadual 1.5 (b): Kematian mengikut klasifikasi, negeri dan jantina, Malaysia, 2024

Table 1.5 (b): Deaths by classification, state and sex, Malaysia, 2024

Negeri State	Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			Jumlah Total		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	133,844	79,075	54,769	65,148	34,791	30,357	198,992	113,866	85,126
Johor	18,650	11,037	7,613	6,381	3,455	2,926	25,031	14,492	10,539
Kedah	14,365	8,065	6,300	2,450	1,225	1,225	16,815	9,290	7,525
Kelantan	8,858	5,055	3,803	2,804	1,401	1,403	11,662	6,456	5,206
Melaka	3,520	2,141	1,379	2,766	1,456	1,310	6,286	3,597	2,689
Negeri Sembilan	6,413	3,755	2,658	2,273	1,230	1,043	8,686	4,985	3,701
Pahang	7,204	4,352	2,852	3,312	1,827	1,485	10,516	6,179	4,337
Perak	11,811	7,195	4,616	9,137	4,598	4,539	20,948	11,793	9,155
Perlis	1,761	994	767	477	245	232	2,238	1,239	999
Pulau Pinang	9,206	5,369	3,837	3,522	1,743	1,779	12,728	7,112	5,616
Sabah	8,077	4,877	3,200	8,395	4,795	3,600	16,472	9,672	6,800
Sarawak	7,947	4,770	3,177	8,496	4,676	3,820	16,443	9,446	6,997
Selangor	22,119	13,420	8,699	10,983	5,963	5,020	33,102	19,383	13,719
Terengganu	5,912	3,355	2,557	1,756	893	863	7,668	4,248	3,420
W.P. Kuala Lumpur	7,419	4,332	3,087	2,285	1,218	1,067	9,704	5,550	4,154
W.P. Labuan	300	199	101	91	56	35	391	255	136
W.P. Putrajaya	282	159	123	20	10	10	302	169	133

Jadual 1.6: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2024

Table 1.6: Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Jumlah/ Total	1.	Ischaemic heart diseases	17,421	13.0	Sakit tua 65 tahun dan lebih Old age 65 years and over		25,944	39.8	
	2.	Pneumonia	15,332	11.5	Kencing manis Diabetes mellitus		3,043	4.7	
	3.	Diabetes mellitus	6,929	5.2	Darah tinggi Hypertension		2,642	4.1	
	4.	Transport accidents	4,428	3.3	Penyakit serebrovaskular Cerebrovascular diseases		2,329	3.6	
	5.	Kidney failure	3,911	2.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		922	1.4	
	6.	Stroke not known if ischaemic or haemorrhagic	3,418	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		818	1.3	
	7.	Intracranial haemorrhage	3,201	2.4	Penyakit jantung iskemia Ischaemic heart diseases		793	1.2	
	8.	Malignant neoplasms of bronchus or lung	2,795	2.1	Barah payudara Breast cancer		617	0.9	
	9.	Malignant neoplasms of large intestine, anus, and anal canal	2,518	1.9	Barah hati Liver cancer		613	0.9	
	10.	Malignant neoplasms of breast	2,173	1.6	Lelah Asthma		610	0.9	
Keseluruhan sebab All causes			133,844		Keseluruhan sebab All causes			65,148	
Lelaki/ Male	1.	Ischaemic heart diseases	12,112	15.3	Sakit tua 65 tahun dan lebih Old age 65 years and over		11,933	34.3	
	2.	Pneumonia	8,556	10.8	Kencing manis Diabetes mellitus		1,634	4.7	
	3.	Transport accidents	3,774	4.8	Darah tinggi Hypertension		1,511	4.3	
	4.	Diabetes mellitus	3,553	4.5	Penyakit serebrovaskular Cerebrovascular diseases		1,388	4.0	
	5.	Kidney failure	2,128	2.7	Penyakit jantung iskemia Ischaemic heart diseases		618	1.8	
	6.	Intracranial haemorrhage	1,999	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		537	1.5	
	7.	Malignant neoplasms of bronchus or lung	1,901	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		524	1.5	
	8.	Stroke not known if ischaemic or haemorrhagic	1,808	2.3	Barah hati Liver cancer		436	1.3	
	9.	Malignant neoplasms of large intestine, anus, and anal canal	1,461	1.8	Lelah Asthma		401	1.2	
	10.	Heart failure	1,267	1.6	Radang paru-paru Pneumonia		252	0.7	
Keseluruhan sebab All causes			79,075		Keseluruhan sebab All causes			34,791	
Perempuan/ Female	1.	Pneumonia	6,776	12.4	Sakit tua 65 tahun dan lebih Old age 65 years and over		14,011	46.2	
	2.	Ischaemic heart diseases	5,309	9.7	Kencing manis Diabetes mellitus		1,409	4.6	
	3.	Diabetes mellitus	3,376	6.2	Darah tinggi Hypertension		1,131	3.7	
	4.	Malignant neoplasms of breast	2,155	3.9	Penyakit serebrovaskular Cerebrovascular diseases		941	3.1	
	5.	Kidney failure	1,783	3.3	Barah payudara Breast cancer		617	2.0	
	6.	Stroke not known if ischaemic or haemorrhagic	1,610	2.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		398	1.3	
	7.	Intracranial haemorrhage	1,202	2.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		281	0.9	
	8.	Malignant neoplasms of large intestine, anus, and anal canal	1,057	1.9	Lelah Asthma		209	0.7	
	9.	Cerebral ischaemia	918	1.7	Radang paru-paru Pneumonia		208	0.7	
	10.	Metabolic disorders	895	1.6	Barah hati Liver cancer		177	0.6	
Keseluruhan sebab All causes			54,769		Keseluruhan sebab All causes			30,357	

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2024

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2024

Bandar/ Urban							
Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		
					Bil. No.	%	
Jumlah/ Total	1.	Ischaemic heart diseases	12,184	13.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,560	42.0
	2.	Pneumonia	10,597	11.4	Kencing manis Diabetes mellitus	2,292	5.2
	3.	Diabetes mellitus	4,481	4.8	Darah tinggi Hypertension	2,083	4.7
	4.	Transport accidents	3,033	3.3	Penyakit serebrovaskular Cerebrovascular diseases	1,687	3.8
	5.	Kidney failure	2,641	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	742	1.7
	6.	Intracranial haemorrhage	2,315	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	672	1.5
	7.	Stroke not known if ischaemic or haemorrhagic	2,137	2.3	Barah payudara Breast cancer	502	1.1
	8.	Malignant neoplasms of bronchus or lung	2,117	2.3	Barah hati Liver cancer	493	1.1
	9.	Malignant neoplasms of large intestine, anus, and anal canal	1,879	2.0	Penyakit jantung iskemia Ischaemic heart diseases	487	1.1
	10.	Malignant neoplasms of breast	1,652	1.8	Lelah Asthma	395	0.9
Keseluruhan sebab All causes			93,075	Keseluruhan sebab All causes			44,149
Lelaki/ Male	1.	Ischaemic heart diseases	8,617	15.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	8,580	36.3
	2.	Pneumonia	5,962	10.8	Kencing manis Diabetes mellitus	1,249	5.3
	3.	Transport accidents	2,602	4.7	Darah tinggi Hypertension	1,220	5.2
	4.	Diabetes mellitus	2,345	4.2	Penyakit serebrovaskular Cerebrovascular diseases	1,000	4.2
	5.	Intracranial haemorrhage	1,462	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	437	1.8
	6.	Kidney failure	1,447	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	415	1.8
	7.	Malignant neoplasms of bronchus or lung	1,435	2.6	Penyakit jantung iskemia Ischaemic heart diseases	391	1.7
	8.	Stroke not known if ischaemic or haemorrhagic	1,136	2.1	Barah hati Liver cancer	350	1.5
	9.	Malignant neoplasms of large intestine, anus, and anal canal	1,088	2.0	Lelah Asthma	254	1.1
	10.	Heart failure	932	1.7	Barah prostat Prostate cancer	191	0.8
Keseluruhan sebab All causes			55,387	Keseluruhan sebab All causes			23,655
Perempuan/ Female	1.	Pneumonia	4,635	12.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	9,980	48.7
	2.	Ischaemic heart diseases	3,567	9.5	Kencing manis Diabetes mellitus	1,043	5.1
	3.	Diabetes mellitus	2,136	5.7	Darah tinggi Hypertension	863	4.2
	4.	Malignant neoplasms of breast	1,638	4.3	Penyakit serebrovaskular Cerebrovascular diseases	687	3.4
	5.	Kidney failure	1,194	3.2	Barah payudara Breast cancer	502	2.4
	6.	Stroke not known if ischaemic or haemorrhagic	1,001	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	327	1.6
	7.	Intracranial haemorrhage	853	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	235	1.1
	8.	Malignant neoplasms of large intestine, anus, and anal canal	791	2.1	Radang paru-paru Pneumonia	151	0.7
	9.	Malignant neoplasms of bronchus or lung	682	1.8	Barah hati Liver cancer	143	0.7
	10.	Cerebral ischaemia	636	1.7	Lelah Asthma	141	0.7
Keseluruhan sebab All causes			37,688	Keseluruhan sebab All causes			20,494

Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2024 (samb.)

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2024 (cont'd)

Luar Bandar/ Rural						
Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			
	Bil. No.	%		Bil. No.	%	
Jumlah/ Total	1. Ischaemic heart diseases	5,237	12.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	7,384	35.2
	2. Pneumonia	4,735	11.6	Kencing manis Diabetes mellitus	751	3.6
	3. Diabetes mellitus	2,448	6.0	Penyakit serebrovaskular Cerebrovascular diseases	642	3.1
	4. Transport accidents	1,395	3.4	Darah tinggi Hypertension	559	2.7
	5. Stroke not known if ischaemic or haemorrhagic	1,281	3.1	Penyakit jantung iskemia Ischaemic heart diseases	306	1.5
	6. Kidney failure	1,270	3.1	Lelah Asthma	215	1.0
	7. Intracranial haemorrhage	886	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	180	0.9
	8. Metabolic disorders	726	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	146	0.7
	9. Malignant neoplasms of bronchus or lung	678	1.7	Radang paru-paru Pneumonia	135	0.6
	10. Cerebral ischaemia	646	1.6	Barah hati Liver cancer	120	0.6
Keseluruhan sebab All causes			40,769	Keseluruhan sebab All causes		
Lelaki/ Male	1. Ischaemic heart diseases	3,495	14.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	3,353	30.1
	2. Pneumonia	2,594	11.0	Penyakit serebrovaskular Cerebrovascular diseases	388	3.5
	3. Diabetes mellitus	1,208	5.1	Kencing manis Diabetes mellitus	385	3.5
	4. Transport accidents	1,172	4.9	Darah tinggi Hypertension	291	2.6
	5. Kidney failure	681	2.9	Penyakit jantung iskemia Ischaemic heart diseases	227	2.0
	6. Stroke not known if ischaemic or haemorrhagic	672	2.8	Lelah Asthma	147	1.3
	7. Intracranial haemorrhage	537	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	109	1.0
	8. Malignant neoplasms of bronchus or lung	466	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	100	0.9
	9. Chronic obstructive pulmonary disease	426	1.8	Barah hati Liver cancer	86	0.8
	10. Malignant neoplasms of large intestine, anus, and anal canal	373	1.6	Radang paru-paru Pneumonia	78	0.7
Keseluruhan sebab All causes			23,688	Keseluruhan sebab All causes		
Perempuan/ Female	1. Pneumonia	2,141	12.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	4,031	40.9
	2. Ischaemic heart diseases	1,742	10.2	Kencing manis Diabetes mellitus	366	3.7
	3. Diabetes mellitus	1,240	7.3	Darah tinggi Hypertension	268	2.7
	4. Stroke not known if ischaemic or haemorrhagic	609	3.6	Penyakit serebrovaskular Cerebrovascular diseases	254	2.6
	5. Kidney failure	589	3.4	Barah payudara Breast cancer	115	1.2
	6. Malignant neoplasms of breast	517	3.0	Penyakit jantung iskemia Ischaemic heart diseases	79	0.8
	7. Metabolic disorders	356	2.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	71	0.7
	8. Intracranial haemorrhage	349	2.0	Lelah Asthma	68	0.7
	9. Cerebral ischaemia	282	1.7	Radang paru-paru Pneumonia	57	0.6
	10. Malignant neoplasms of large intestine, anus, and anal canal	266	1.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	46	0.5
Keseluruhan sebab All causes			17,081	Keseluruhan sebab All causes		

Jadual 1.8: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kewarganegaraan, Malaysia, 2024

Table 1.8: Ten principal causes of death (medically certified and non-medically certified) by citizenship, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Warganegara/ Citizen	1. Ischaemic heart diseases	17,160	13.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	25,374	39.8			
	2. Pneumonia	15,102	11.5	Kencing manis Diabetes mellitus	2,981	4.7			
	3. Diabetes mellitus	6,837	5.2	Darah tinggi Hypertension	2,569	4.0			
	4. Transport accidents	4,384	3.3	Penyakit serebrovaskular Cerebrovascular diseases	2,261	3.5			
	5. Kidney failure	3,860	2.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	910	1.4			
	6. Stroke not known if ischaemic or haemorrhagic	3,375	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	804	1.3			
	7. Intracranial haemorrhage	3,156	2.4	Penyakit jantung iskemia Ischaemic heart diseases	778	1.2			
	8. Malignant neoplasms of bronchus or lung	2,761	2.1	Barah hati Liver cancer	605	0.9			
	9. Malignant neoplasms of large intestine, anus, and anal canal	2,490	1.9	Barah payudara Breast cancer	602	0.9			
	10. Malignant neoplasms of breast	2,156	1.6	Lelah Asthma	596	0.9			
Keseluruhan sebab All causes		131,625	Keseluruhan sebab All causes		63,709				

Bukan Warganegara/ Non-citizen	1. Intentional self-harm	320	14.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	570	39.6
	2. Ischaemic heart diseases	261	11.8	Darah tinggi Hypertension	73	5.1
	3. Pneumonia	230	10.4	Penyakit serebrovaskular Cerebrovascular diseases	68	4.7
	4. Diabetes mellitus	92	4.1	Kencing manis Diabetes mellitus	62	4.3
	5. Kidney failure	51	2.3	Barah payudara Breast cancer	15	1.0
	6. Cerebral ischaemia	47	2.1	Penyakit jantung iskemia Ischaemic heart diseases	15	1.0
	7. Intracranial haemorrhage	45	2.0	Lelah Asthma	14	1.0
	8. Transport accidents	44	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	14	1.0
	9. Stroke not known if ischaemic or haemorrhagic	43	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	12	0.8
	10. Malignant neoplasms of bronchus or lung	34	1.5	Barah hati Liver cancer	8	0.6
Keseluruhan sebab All causes		2,219	Keseluruhan sebab All causes		1,439	

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2024

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2024

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Melayu/ Malay	1. Ischaemic heart diseases	10,291	13.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	11,899	40.9
	2. Pneumonia	8,357	11.3	Kencing manis Diabetes mellitus	1,970	6.8
	3. Diabetes mellitus	4,688	6.3	Darah tinggi Hypertension	1,473	5.1
	4. Transport accidents	2,900	3.9	Penyakit serebrovaskular Cerebrovascular diseases	1,383	4.8
	5. Kidney failure	2,288	3.1	Penyakit jantung iskemia Ischaemic heart diseases	532	1.8
	6. Stroke not known if ischaemic or haemorrhagic	2,233	3.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	465	1.6
	7. Intracranial haemorrhage	1,776	2.4	Lelah Asthma	442	1.5
	8. Cerebral ischaemia	1,271	1.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	352	1.2
	9. Malignant neoplasms of bronchus or lung	1,240	1.7	Barah payudara Breast cancer	335	1.2
	10. Malignant neoplasms of breast	1,217	1.6	Barah hati Liver cancer	271	0.9
	Keseluruhan sebab All causes	74,060		Keseluruhan sebab All causes	29,058	
Bumiputera Lain/ Other Bumiputera	1. Pneumonia	1,016	9.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,492	14.2
	2. Ischaemic heart diseases	670	6.4	Penyakit serebrovaskular Cerebrovascular diseases	160	1.5
	3. Kidney failure	332	3.2	Darah tinggi Hypertension	110	1.0
	4. Transport accidents	330	3.1	Kencing manis Diabetes mellitus	81	0.8
	5. Intracranial haemorrhage	285	2.7	Lelah Asthma	47	0.4
	6. Malignant neoplasms of bronchus or lung	254	2.4	Penyakit jantung iskemia Ischaemic heart diseases	39	0.4
	7. Malignant neoplasms of large intestine, anus, and anal canal	203	1.9	Radang paru-paru Pneumonia	37	0.4
	8. Tuberculosis of the respiratory system	199	1.9	Tibi/Batuk kering Tuberculosis	32	0.3
	9. Heart failure	189	1.8	Barah hati Liver cancer	22	0.2
	10. Chronic obstructive pulmonary disease	186	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	16	0.2
	Keseluruhan sebab All causes	10,505		Keseluruhan sebab All causes	10,517	

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2024 (samb.)

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2024 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Bumiputera	1. <i>Ischaemic heart diseases</i>	10,961	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,391	33.8	
	2. <i>Pneumonia</i>	9,373	11.1	Kencing manis <i>Diabetes mellitus</i>	2,051	5.2	
	3. <i>Diabetes mellitus</i>	4,848	5.7	Darah tinggi <i>Hypertension</i>	1,583	4.0	
	4. <i>Transport accidents</i>	3,230	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,543	3.9	
	5. <i>Kidney failure</i>	2,620	3.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	571	1.4	
	6. <i>Stroke not known if ischaemic or haemorrhagic</i>	2,380	2.8	Lelah <i>Asthma</i>	489	1.2	
	7. <i>Intracranial haemorrhage</i>	2,061	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	481	1.2	
	8. <i>Malignant neoplasms of bronchus or lung</i>	1,494	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	365	0.9	
	9. <i>Cerebral ischaemia</i>	1,447	1.7	Barah payudara <i>Breast cancer</i>	345	0.9	
	10. <i>Heart failure</i>	1,385	1.6	Barah hati <i>Liver cancer</i>	293	0.7	
Keseluruhan sebab <i>All causes</i>		84,565	Keseluruhan sebab <i>All causes</i>		39,575		

Cina/ Chinese	1. <i>Pneumonia</i>	4,231	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	9,778	51.6
	2. <i>Ischaemic heart diseases</i>	3,877	11.6	Darah tinggi <i>Hypertension</i>	741	3.9
	3. <i>Diabetes mellitus</i>	1,267	3.8	Kencing manis <i>Diabetes mellitus</i>	518	2.7
	4. <i>Malignant neoplasms of bronchus or lung</i>	1,123	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	468	2.5
	5. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	971	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	396	2.1
	6. <i>Intracranial haemorrhage</i>	860	2.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	354	1.9
	7. <i>Kidney failure</i>	853	2.6	Barah hati <i>Liver cancer</i>	263	1.4
	8. <i>Stroke not known if ischaemic or haemorrhagic</i>	735	2.2	Barah payudara <i>Breast cancer</i>	202	1.1
	9. <i>Malignant neoplasms of liver or intrahepatic bile ducts</i>	589	1.8	Radang paru-paru <i>Pneumonia</i>	142	0.7
	10. <i>Malignant neoplasms of breast</i>	581	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	136	0.7
Keseluruhan sebab <i>All causes</i>		33,437	Keseluruhan sebab <i>All causes</i>		18,956	

Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2024 (samb.)

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
India/ Indians	1. Ischaemic heart diseases	2,161	17.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,001	44.6			
	2. Pneumonia	1,346	11.0	Kencing manis Diabetes mellitus	384	8.6			
	3. Diabetes mellitus	669	5.5	Penyakit serebrovaskular Cerebrovascular diseases	222	5.0			
	4. Transport accidents	516	4.2	Darah tinggi Hypertension	214	4.8			
	5. Kidney failure	339	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	66	1.5			
	6. Intentional self-harm	234	1.9	Penyakit jantung iskemia Ischaemic heart diseases	65	1.4			
	7. Stroke not known if ischaemic or haemorrhagic	221	1.8	Barah payudara Breast cancer	53	1.2			
	8. Intracranial haemorrhage	204	1.7	Lelah Asthma	40	0.9			
	9. Malignant neoplasms of breast	191	1.6	Barah hati Liver cancer	38	0.8			
	10. Cerebral ischaemia	185	1.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	34	0.8			
Keseluruhan sebab All causes			12,249	Keseluruhan sebab All causes			4,483		
Lain-lain ¹ / Others ¹	1. Ischaemic heart diseases	422	11.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	774	36.3			
	2. Pneumonia	382	10.6	Darah tinggi Hypertension	104	4.9			
	3. Intentional self-harm	326	9.1	Penyakit serebrovaskular Cerebrovascular diseases	96	4.5			
	4. Diabetes mellitus	145	4.0	Kencing manis Diabetes mellitus	90	4.2			
	5. Transport accidents	123	3.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	23	1.1			
	6. Kidney failure	99	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	21	1.0			
	7. Stroke not known if ischaemic or haemorrhagic	82	2.3	Penyakit jantung iskemia Ischaemic heart diseases	21	1.0			
	8. Intracranial haemorrhage	76	2.1	Lelah Asthma	19	0.9			
	9. Cerebral ischaemia	65	1.8	Barah hati Liver cancer	19	0.9			
	10. Malignant neoplasms of bronchus or lung	59	1.6	Barah payudara Breast cancer	17	0.8			
Keseluruhan sebab All causes			3,593	Keseluruhan sebab All causes			2,134		

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, 2024

Table 1.10: Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1. Ischaemic heart diseases	2,620	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over			3,404	53.3	
	2. Pneumonia	2,197	11.8	Kencing manis Diabetes mellitus			291	4.6	
	3. Diabetes mellitus	906	4.9	Darah tinggi Hypertension			265	4.2	
	4. Transport accidents	663	3.6	Penyakit serebrovaskular Cerebrovascular diseases			215	3.4	
	5. Stroke not known if ischaemic or haemorrhagic	593	3.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			122	1.9	
	6. Intracranial haemorrhage	421	2.3	Penyakit jantung iskemia Ischaemic heart diseases			107	1.7	
	7. Malignant neoplasms of bronchus or lung	390	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			94	1.5	
	8. Kidney failure	386	2.1	Barah payudara Breast cancer			93	1.5	
	9. Malignant neoplasms of large intestine, anus, and anal canal	345	1.8	Barah hati Liver cancer			68	1.1	
	10. Heart failure	299	1.6	Lelah Asthma			50	0.8	
Keseluruhan sebab All causes			18,650		Keseluruhan sebab All causes			6,381	
Lelaki/ Male	1. Ischaemic heart diseases	1,842	16.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,660	48.0	
	2. Pneumonia	1,256	11.4	Darah tinggi Hypertension			168	4.9	
	3. Transport accidents	572	5.2	Kencing manis Diabetes mellitus			166	4.8	
	4. Diabetes mellitus	462	4.2	Penyakit serebrovaskular Cerebrovascular diseases			133	3.8	
	5. Stroke not known if ischaemic or haemorrhagic	336	3.0	Penyakit jantung iskemia Ischaemic heart diseases			90	2.6	
	6. Malignant neoplasms of bronchus or lung	268	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			77	2.2	
	7. Intracranial haemorrhage	262	2.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			59	1.7	
	8. Kidney failure	217	2.0	Barah hati Liver cancer			48	1.4	
	9. Malignant neoplasms of large intestine, anus, and anal canal	190	1.7	Lelah Asthma			36	1.0	
	10. Heart failure	170	1.5	Radang paru-paru Pneumonia			25	0.7	
Keseluruhan sebab All causes			11,037		Keseluruhan sebab All causes			3,455	
Perempuan/ Female	1. Pneumonia	941	12.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,744	59.6	
	2. Ischaemic heart diseases	778	10.2	Kencing manis Diabetes mellitus			125	4.3	
	3. Diabetes mellitus	444	5.8	Darah tinggi Hypertension			97	3.3	
	4. Malignant neoplasms of breast	285	3.7	Barah payudara Breast cancer			93	3.2	
	5. Stroke not known if ischaemic or haemorrhagic	257	3.4	Penyakit serebrovaskular Cerebrovascular diseases			82	2.8	
	6. Kidney failure	169	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			45	1.5	
	7. Intracranial haemorrhage	159	2.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			35	1.2	
	8. Malignant neoplasms of large intestine, anus, and anal canal	155	2.0	Radang paru-paru Pneumonia			22	0.8	
	9. Heart failure	129	1.7	Barah hati Liver cancer			20	0.7	
	10. Malignant neoplasms of bronchus or lung	122	1.6	Barah rahim Uterus cancer			18	0.6	
Keseluruhan sebab All causes			7,613		Keseluruhan sebab All causes			2,926	

Jadual 1.11: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2024

Table 1.11: Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2024

Disahkan secara perubatan Medically certified		Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.	
		%				%	
Jumlah/ Total	1. Ischaemic heart diseases	2,349	16.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,240	50.6	
	2. Pneumonia	1,806	12.6	Kencing manis Diabetes mellitus	206	8.4	
	3. Diabetes mellitus	1,185	8.2	Darah tinggi Hypertension	112	4.6	
	4. Stroke not known if ischaemic or haemorrhagic	647	4.5	Penyakit serebrovaskular Cerebrovascular diseases	109	4.4	
	5. Kidney failure	559	3.9	Lelah Asthma	57	2.3	
	6. Transport accidents	505	3.5	Penyakit jantung iskemia Ischaemic heart diseases	42	1.7	
	7. Intracranial haemorrhage	323	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	32	1.3	
	8. Cerebral ischaemia	321	2.2	Barah payudara Breast cancer	28	1.1	
	9. Chronic obstructive pulmonary disease	288	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	23	0.9	
	10. Malignant neoplasms of large intestine, anus, and anal canal	241	1.7	Barah hati Liver cancer	22	0.9	
Keseluruhan sebab All causes		14,365		Keseluruhan sebab All causes		2,450	
Lelaki/ Male	1. Ischaemic heart diseases	1,508	18.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	515	42.0	
	2. Pneumonia	888	11.0	Kencing manis Diabetes mellitus	102	8.3	
	3. Diabetes mellitus	558	6.9	Penyakit serebrovaskular Cerebrovascular diseases	68	5.6	
	4. Transport accidents	429	5.3	Darah tinggi Hypertension	67	5.5	
	5. Stroke not known if ischaemic or haemorrhagic	325	4.0	Lelah Asthma	37	3.0	
	6. Kidney failure	288	3.6	Penyakit jantung iskemia Ischaemic heart diseases	36	2.9	
	7. Intracranial haemorrhage	207	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	20	1.6	
	8. Cerebral ischaemia	186	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	17	1.4	
	9. Chronic obstructive pulmonary disease	185	2.3	Barah hati Liver cancer	13	1.1	
	10. Malignant neoplasms of bronchus or lung	149	1.8	Barah prostat Prostate cancer	9	0.7	
Keseluruhan sebab All causes		8,065		Keseluruhan sebab All causes		1,225	
Perempuan/ Female	1. Pneumonia	918	14.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	725	59.2	
	2. Ischaemic heart diseases	841	13.3	Kencing manis Diabetes mellitus	104	8.5	
	3. Diabetes mellitus	627	10.0	Darah tinggi Hypertension	45	3.7	
	4. Stroke not known if ischaemic or haemorrhagic	322	5.1	Penyakit serebrovaskular Cerebrovascular diseases	41	3.3	
	5. Kidney failure	271	4.3	Barah payudara Breast cancer	28	2.3	
	6. Malignant neoplasms of breast	185	2.9	Lelah Asthma	20	1.6	
	7. Cerebral ischaemia	135	2.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	12	1.0	
	8. Intracranial haemorrhage	116	1.8	Barah hati Liver cancer	9	0.7	
	9. Heart failure	107	1.7	Barah rahim Uterus cancer	9	0.7	
	10. Chronic obstructive pulmonary disease	103	1.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	6	0.5	
Keseluruhan sebab All causes		6,300		Keseluruhan sebab All causes		1,225	

Jadual 1.12: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2024

Table 1.12: Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1. Ischaemic heart diseases	1,661	18.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			772	27.5	
	2. Pneumonia	1,057	11.9	Kencing manis Diabetes mellitus			275	9.8	
	3. Diabetes mellitus	627	7.1	Penyakit serebrovaskular Cerebrovascular diseases			271	9.7	
	4. Stroke not known if ischaemic or haemorrhagic	327	3.7	Darah tinggi Hypertension			244	8.7	
	5. Metabolic disorders	274	3.1	Lelah Asthma			87	3.1	
	6. Transport accidents	245	2.8	Penyakit jantung iskemia Ischaemic heart diseases			81	2.9	
	7. Kidney failure	209	2.4	Radang paru-paru Pneumonia			55	2.0	
	8. Intracranial haemorrhage	202	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			43	1.5	
	9. Cerebral ischaemia	127	1.4	Barah payudara Breast cancer			36	1.3	
	10. Malignant neoplasms of large intestine, anus, and anal canal	126	1.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			34	1.2	
Keseluruhan sebab All causes			8,858		Keseluruhan sebab All causes			2,804	
Lelaki/ Male	1. Ischaemic heart diseases	1,056	20.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			314	22.4	
	2. Pneumonia	598	11.8	Penyakit serebrovaskular Cerebrovascular diseases			137	9.8	
	3. Diabetes mellitus	321	6.4	Kencing manis Diabetes mellitus			122	8.7	
	4. Transport accidents	198	3.9	Darah tinggi Hypertension			112	8.0	
	5. Stroke not known if ischaemic or haemorrhagic	150	3.0	Penyakit jantung iskemia Ischaemic heart diseases			62	4.4	
	6. Metabolic disorders	140	2.8	Lelah Asthma			53	3.8	
	7. Kidney failure	126	2.5	Radang paru-paru Pneumonia			32	2.3	
	8. Intracranial haemorrhage	119	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			28	2.0	
	9. Malignant neoplasms of large intestine, anus, and anal canal	78	1.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			17	1.2	
	10. Malignant neoplasms of bronchus or lung	65	1.3	Barah hati Liver cancer			13	0.9	
Keseluruhan sebab All causes			5,055		Keseluruhan sebab All causes			1,401	
Perempuan/ Female	1. Ischaemic heart diseases	605	15.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			458	32.6	
	2. Pneumonia	459	12.1	Kencing manis Diabetes mellitus			153	10.9	
	3. Diabetes mellitus	306	8.0	Penyakit serebrovaskular Cerebrovascular diseases			134	9.6	
	4. Stroke not known if ischaemic or haemorrhagic	177	4.7	Darah tinggi Hypertension			132	9.4	
	5. Metabolic disorders	134	3.5	Barah payudara Breast cancer			36	2.6	
	6. Malignant neoplasms of breast	105	2.8	Lelah Asthma			34	2.4	
	7. Intracranial haemorrhage	83	2.2	Radang paru-paru Pneumonia			23	1.6	
	8. Kidney failure	83	2.2	Penyakit jantung iskemia Ischaemic heart diseases			19	1.4	
	9. Cerebral ischaemia	69	1.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			17	1.2	
	10. Malignant neoplasms of bronchus or lung	50	1.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			15	1.1	
Keseluruhan sebab All causes			3,803		Keseluruhan sebab All causes			1,403	

Jadual 1.13: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2024

Table 1.13: Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Jumlah/ Total	1. Ischaemic heart diseases	480	13.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,304	47.1			
	2. Pneumonia	373	10.6	Kencing manis Diabetes mellitus	203	7.3			
	3. Transport accidents	183	5.2	Darah tinggi Hypertension	160	5.8			
	4. Diabetes mellitus	135	3.8	Penyakit serebrovaskular Cerebrovascular diseases	97	3.5			
	5. Kidney failure	116	3.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	67	2.4			
	6. Intracranial haemorrhage	92	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	61	2.2			
	7. Malignant neoplasms of bronchus or lung	82	2.3	Barah hati Liver cancer	49	1.8			
	8. Malignant neoplasms of large intestine, anus, and anal canal	73	2.1	Barah payudara Breast cancer	45	1.6			
	9. Cerebral ischaemia	63	1.8	Penyakit jantung iskemia Ischaemic heart diseases	29	1.0			
	10. Stroke not known if ischaemic or haemorrhagic	59	1.7	Radang paru-paru Pneumonia	24	0.9			
Keseluruhan sebab All causes			3,520	Keseluruhan sebab All causes			2,766		
Lelaki/ Male	1. Ischaemic heart diseases	353	16.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	600	41.2			
	2. Pneumonia	218	10.2	Kencing manis Diabetes mellitus	104	7.1			
	3. Transport accidents	158	7.4	Darah tinggi Hypertension	100	6.9			
	4. Diabetes mellitus	68	3.2	Penyakit serebrovaskular Cerebrovascular diseases	60	4.1			
	5. Malignant neoplasms of bronchus or lung	64	3.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	42	2.9			
	6. Kidney failure	60	2.8	Barah hati Liver cancer	37	2.5			
	7. Intracranial haemorrhage	54	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	36	2.5			
	8. Malignant neoplasms of large intestine, anus, and anal canal	45	2.1	Penyakit jantung iskemia Ischaemic heart diseases	20	1.4			
	9. Cerebral ischaemia	44	2.1	Lelah Asthma	16	1.1			
	10. Heart failure	34	1.6	Barah prostat Prostate cancer	15	1.0			
Keseluruhan sebab All causes			2,141	Keseluruhan sebab All causes			1,456		
Perempuan/ Female	1. Pneumonia	155	11.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	704	53.7			
	2. Ischaemic heart diseases	127	9.2	Kencing manis Diabetes mellitus	99	7.6			
	3. Diabetes mellitus	67	4.9	Darah tinggi Hypertension	60	4.6			
	4. Kidney failure	56	4.1	Barah payudara Breast cancer	45	3.4			
	5. Malignant neoplasms of breast	47	3.4	Penyakit serebrovaskular Cerebrovascular diseases	37	2.8			
	6. Intracranial haemorrhage	38	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	31	2.4			
	7. Malignant neoplasms of large intestine, anus, and anal canal	28	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	19	1.5			
	8. Stroke not known if ischaemic or haemorrhagic	26	1.9	Barah hati Liver cancer	12	0.9			
	9. Transport accidents	25	1.8	Barah rahim Uterus cancer	11	0.8			
	10. Malignant neoplasms of ovary	23	1.7	Penyakit jantung iskemia Ischaemic heart diseases	9	0.7			
Keseluruhan sebab All causes			1,379	Keseluruhan sebab All causes			1,310		

Jadual 1.14: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2024

Table 1.14: Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2024

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Jumlah/ Total	1.	Ischaemic heart diseases	820	12.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,319	58.0		
	2.	Diabetes mellitus	683	10.7	Kencing manis Diabetes mellitus	102	4.5		
	3.	Pneumonia	521	8.1	Darah tinggi Hypertension	82	3.6		
	4.	Transport accidents	239	3.7	Penyakit serebrovaskular Cerebrovascular diseases	60	2.6		
	5.	Stroke not known if ischaemic or haemorrhagic	161	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	41	1.8		
	6.	Kidney failure	154	2.4	Barah hati Liver cancer	38	1.7		
	7.	Malignant neoplasms of bronchus or lung	143	2.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	35	1.5		
	8.	Malignant neoplasms of large intestine, anus, and anal canal	120	1.9	Barah payudara Breast cancer	32	1.4		
	9.	Intracranial haemorrhage	115	1.8	Penyakit jantung iskemia Ischaemic heart diseases	32	1.4		
	10.	Malignant neoplasms of breast	107	1.7	Radang paru-paru Pneumonia	15	0.7		
Keseluruhan sebab All causes			6,413		Keseluruhan sebab All causes			2,273	
Lelaki/ Male	1.	Ischaemic heart diseases	580	15.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	644	52.4		
	2.	Diabetes mellitus	354	9.4	Kencing manis Diabetes mellitus	58	4.7		
	3.	Pneumonia	283	7.5	Darah tinggi Hypertension	48	3.9		
	4.	Transport accidents	215	5.7	Penyakit serebrovaskular Cerebrovascular diseases	44	3.6		
	5.	Malignant neoplasms of bronchus or lung	102	2.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	29	2.4		
	6.	Stroke not known if ischaemic or haemorrhagic	93	2.5	Barah hati Liver cancer	28	2.3		
	7.	Kidney failure	78	2.1	Penyakit jantung iskemia Ischaemic heart diseases	25	2.0		
	8.	Malignant neoplasms of large intestine, anus, and anal canal	77	2.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	15	1.2		
	9.	Intracranial haemorrhage	72	1.9	Barah prostat Prostate cancer	14	1.1		
	10.	Malignant neoplasms of liver or intrahepatic bile ducts	60	1.6	Radang paru-paru Pneumonia	8	0.7		
Keseluruhan sebab All causes			3,755		Keseluruhan sebab All causes			1,230	
Perempuan/ Female	1.	Diabetes mellitus	329	12.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	675	64.7		
	2.	Ischaemic heart diseases	240	9.0	Kencing manis Diabetes mellitus	44	4.2		
	3.	Pneumonia	238	9.0	Darah tinggi Hypertension	34	3.3		
	4.	Malignant neoplasms of breast	105	4.0	Barah payudara Breast cancer	32	3.1		
	5.	Kidney failure	76	2.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	26	2.5		
	6.	Stroke not known if ischaemic or haemorrhagic	68	2.6	Penyakit serebrovaskular Cerebrovascular diseases	16	1.5		
	7.	Metabolic disorders	47	1.8	Barah hati Liver cancer	10	1.0		
	8.	Intracranial haemorrhage	43	1.6	Barah rahim Uterus cancer	8	0.8		
	9.	Malignant neoplasms of large intestine, anus, and anal canal	43	1.6	Barah pangkal rahim Cervix cancer	7	0.7		
	10.	Malignant neoplasms of bronchus or lung	41	1.5	Penyakit jantung iskemia Ischaemic heart diseases	7	0.7		
Keseluruhan sebab All causes			2,658		Keseluruhan sebab All causes			1,043	

Jadual 1.15: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2024

Table 1.15: Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1. Ischaemic heart diseases	953	13.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,494	45.1	
	2. Pneumonia	908	12.6	Kencing manis Diabetes mellitus			178	5.4	
	3. Diabetes mellitus	339	4.7	Penyakit serebrovaskular Cerebrovascular diseases			163	4.9	
	4. Transport accidents	290	4.0	Darah tinggi Hypertension			152	4.6	
	5. Kidney failure	223	3.1	Penyakit jantung iskemia Ischaemic heart diseases			140	4.2	
	6. Stroke not known if ischaemic or haemorrhagic	187	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			72	2.2	
	7. Intracranial haemorrhage	143	2.0	Radang paru-paru Pneumonia			52	1.6	
	8. Malignant neoplasms of bronchus or lung	138	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			44	1.3	
	9. Malignant neoplasms of large intestine, anus, and anal canal	123	1.7	Lelah Asthma			43	1.3	
	10. Malignant neoplasms of breast	113	1.6	Barah payudara Breast cancer			36	1.1	
Keseluruhan sebab All causes			7,204		Keseluruhan sebab All causes			3,312	
Lelaki/ Male	1. Ischaemic heart diseases	659	15.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			711	38.9	
	2. Pneumonia	535	12.3	Penyakit jantung iskemia Ischaemic heart diseases			102	5.6	
	3. Transport accidents	247	5.7	Kencing manis Diabetes mellitus			98	5.4	
	4. Diabetes mellitus	188	4.3	Penyakit serebrovaskular Cerebrovascular diseases			96	5.3	
	5. Kidney failure	118	2.7	Darah tinggi Hypertension			95	5.2	
	6. Malignant neoplasms of bronchus or lung	100	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			40	2.2	
	7. Stroke not known if ischaemic or haemorrhagic	100	2.3	Lelah Asthma			34	1.9	
	8. Intracranial haemorrhage	94	2.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			27	1.5	
	9. Chronic obstructive pulmonary disease	84	1.9	Barah hati Liver cancer			25	1.4	
	10. Malignant neoplasms of liver or intrahepatic bile ducts	80	1.8	Radang paru-paru Pneumonia			24	1.3	
Keseluruhan sebab All causes			4,352		Keseluruhan sebab All causes			1,827	
Perempuan/ Female	1. Pneumonia	373	13.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			783	52.7	
	2. Ischaemic heart diseases	294	10.3	Kencing manis Diabetes mellitus			80	5.4	
	3. Diabetes mellitus	151	5.3	Penyakit serebrovaskular Cerebrovascular diseases			67	4.5	
	4. Malignant neoplasms of breast	113	4.0	Darah tinggi Hypertension			57	3.8	
	5. Kidney failure	105	3.7	Penyakit jantung iskemia Ischaemic heart diseases			38	2.6	
	6. Stroke not known if ischaemic or haemorrhagic	87	3.1	Barah payudara Breast cancer			36	2.4	
	7. Malignant neoplasms of large intestine, anus, and anal canal	53	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			32	2.2	
	8. Intracranial haemorrhage	49	1.7	Radang paru-paru Pneumonia			28	1.9	
	9. Cerebral ischaemia	44	1.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			17	1.1	
	10. Transport accidents	43	1.5	Lelah Asthma			9	0.6	
Keseluruhan sebab All causes			2,852		Keseluruhan sebab All causes			1,485	

Jadual 1.16: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2024

Table 1.16: Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1. Pneumonia		1,738	14.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			5,437	59.5
	2. Ischaemic heart diseases		1,349	11.4	Kencing manis Diabetes mellitus			440	4.8
	3. Transport accidents		410	3.5	Penyakit serebrovaskular Cerebrovascular diseases			327	3.6
	4. Intracranial haemorrhage		337	2.9	Darah tinggi Hypertension			325	3.6
	5. Kidney failure		319	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			143	1.6
	6. Diabetes mellitus		289	2.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			140	1.5
	7. Stroke not known if ischaemic or haemorrhagic		207	1.8	Barah hati Liver cancer			109	1.2
	8. Malignant neoplasms of bronchus or lung		206	1.7	Barah payudara Breast cancer			85	0.9
	9. Heart failure		187	1.6	Lelah Asthma			83	0.9
	10. Cerebral ischaemia		173	1.5	Penyakit jantung iskemia Ischaemic heart diseases			73	0.8
Keseluruhan sebab All causes			11,811		Keseluruhan sebab All causes			9,137	
Lelaki/ Male	1. Pneumonia		999	13.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			2,425	52.7
	2. Ischaemic heart diseases		928	12.9	Kencing manis Diabetes mellitus			236	5.1
	3. Transport accidents		339	4.7	Penyakit serebrovaskular Cerebrovascular diseases			197	4.3
	4. Intracranial haemorrhage		203	2.8	Darah tinggi Hypertension			190	4.1
	5. Kidney failure		166	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			92	2.0
	6. Diabetes mellitus		159	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			83	1.8
	7. Malignant neoplasms of bronchus or lung		158	2.2	Barah hati Liver cancer			79	1.7
	8. Intentional self-harm		114	1.6	Penyakit jantung iskemia Ischaemic heart diseases			61	1.3
	9. Heart failure		110	1.5	Lelah Asthma			53	1.2
	10. Stroke not known if ischaemic or haemorrhagic		101	1.4	Barah prostat Prostate cancer			42	0.9
Keseluruhan sebab All causes			7,195		Keseluruhan sebab All causes			4,598	
Perempuan/ Female	1. Pneumonia		739	16.0	Sakit tua 65 tahun dan lebih Old age 65 years and over			3,012	66.4
	2. Ischaemic heart diseases		421	9.1	Kencing manis Diabetes mellitus			204	4.5
	3. Kidney failure		153	3.3	Darah tinggi Hypertension			135	3.0
	4. Malignant neoplasms of breast		151	3.3	Penyakit serebrovaskular Cerebrovascular diseases			130	2.9
	5. Intracranial haemorrhage		134	2.9	Barah payudara Breast cancer			85	1.9
	6. Diabetes mellitus		130	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			60	1.3
	7. Stroke not known if ischaemic or haemorrhagic		106	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			48	1.1
	8. Heart failure		77	1.7	Lelah Asthma			30	0.7
	9. Cerebral ischaemia		73	1.6	Barah hati Liver cancer			30	0.7
	10. Transport accidents		71	1.5	Radang paru-paru Pneumonia			29	0.6
Keseluruhan sebab All causes			4,616		Keseluruhan sebab All causes			4,539	

Jadual 1.17: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2024

Table 1.17: Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2024

Disahkan secara perubatan Medically certified				Tidak disahkan secara perubatan Non-medically certified			
Bil. No.		%		Bil. No.			
				%			
Jumlah/ Total	1. Ischaemic heart diseases	248	14.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	157	32.9	
	2. Pneumonia	190	10.8	Penyakit jantung iskemia Ischaemic heart diseases	47	9.9	
	3. Diabetes mellitus	117	6.6	Kencing manis Diabetes mellitus	45	9.4	
	4. Stroke not known if ischaemic or haemorrhagic	92	5.2	Darah tinggi Hypertension	40	8.4	
	5. Kidney failure	54	3.1	Penyakit serebrovaskular Cerebrovascular diseases	27	5.7	
	6. Metabolic disorders	53	3.0	Lelah Asthma	23	4.8	
	7. Transport accidents	50	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	7	1.5	
	8. Cerebral ischaemia	35	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	7	1.5	
	9. Intracranial haemorrhage	33	1.9	Radang paru-paru Pneumonia	7	1.5	
	10. Malignant neoplasms of breast	31	1.8	Barah hati Liver cancer	6	1.3	
Keseluruhan sebab All causes		1,761		Keseluruhan sebab All causes		477	
Lelaki/ Male	1. Ischaemic heart diseases	155	15.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	72	29.4	
	2. Pneumonia	108	10.9	Penyakit jantung iskemia Ischaemic heart diseases	32	13.1	
	3. Diabetes mellitus	59	5.9	Kencing manis Diabetes mellitus	18	7.3	
	4. Transport accidents	48	4.8	Darah tinggi Hypertension	16	6.5	
	5. Stroke not known if ischaemic or haemorrhagic	41	4.1	Penyakit serebrovaskular Cerebrovascular diseases	14	5.7	
	6. Metabolic disorders	31	3.1	Lelah Asthma	8	3.3	
	7. Kidney failure	28	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	6	2.4	
	8. Intracranial haemorrhage	23	2.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	5	2.0	
	9. Cerebral ischaemia	19	1.9	Barah hati Liver cancer	3	1.2	
	10. Malignant neoplasms of bronchus or lung	14	1.4	Barah prostat Prostate cancer	2	0.8	
Keseluruhan sebab All causes		994		Keseluruhan sebab All causes		245	
Perempuan/ Female	1. Ischaemic heart diseases	93	12.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	85	36.6	
	2. Pneumonia	82	10.7	Kencing manis Diabetes mellitus	27	11.6	
	3. Diabetes mellitus	58	7.6	Darah tinggi Hypertension	24	10.3	
	4. Stroke not known if ischaemic or haemorrhagic	51	6.6	Lelah Asthma	15	6.5	
	5. Malignant neoplasms of breast	30	3.9	Penyakit jantung iskemia Ischaemic heart diseases	15	6.5	
	6. Kidney failure	26	3.4	Penyakit serebrovaskular Cerebrovascular diseases	13	5.6	
	7. Metabolic disorders	22	2.9	Radang paru-paru Pneumonia	5	2.2	
	8. Cerebral ischaemia	16	2.1	Barah payudara Breast cancer	4	1.7	
	9. Heart failure	11	1.4	Barah hati Liver cancer	3	1.3	
	10. Intracranial haemorrhage	10	1.3	Tibi/Batuk kering Tuberculosis	3	1.3	
Keseluruhan sebab All causes		767		Keseluruhan sebab All causes		232	

Jadual 1.18: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2024

Table 1.18: Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1. Ischaemic heart diseases	1,146	12.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			2,030	57.6	
	2. Pneumonia	1,028	11.2	Darah tinggi Hypertension			166	4.7	
	3. Diabetes mellitus	467	5.1	Kencing manis Diabetes mellitus			164	4.7	
	4. Kidney failure	363	3.9	Penyakit serebrovaskular Cerebrovascular diseases			135	3.8	
	5. Transport accidents	290	3.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			63	1.8	
	6. Malignant neoplasms of bronchus or lung	216	2.3	Barah hati Liver cancer			50	1.4	
	7. Stroke not known if ischaemic or haemorrhagic	209	2.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			48	1.4	
	8. Intracranial haemorrhage	187	2.0	Radang paru-paru Pneumonia			37	1.1	
	9. Malignant neoplasms of large intestine, anus, and anal canal	187	2.0	Barah payudara Breast cancer			34	1.0	
	10. Heart failure	166	1.8	Penyakit jantung iskemia Ischaemic heart diseases			24	0.7	
Keseluruhan sebab All causes			9,206		Keseluruhan sebab All causes			3,522	
Lelaki/ Male	1. Ischaemic heart diseases	821	15.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			909	52.2	
	2. Pneumonia	561	10.4	Darah tinggi Hypertension			91	5.2	
	3. Transport accidents	241	4.5	Kencing manis Diabetes mellitus			84	4.8	
	4. Diabetes mellitus	231	4.3	Penyakit serebrovaskular Cerebrovascular diseases			68	3.9	
	5. Kidney failure	187	3.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			46	2.6	
	6. Malignant neoplasms of bronchus or lung	145	2.7	Barah hati Liver cancer			30	1.7	
	7. Intracranial haemorrhage	119	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			28	1.6	
	8. Stroke not known if ischaemic or haemorrhagic	116	2.2	Penyakit jantung iskemia Ischaemic heart diseases			19	1.1	
	9. Malignant neoplasms of large intestine, anus, and anal canal	111	2.1	Barah prostat Prostate cancer			18	1.0	
	10. Heart failure	95	1.8	Lelah Asthma			16	0.9	
Keseluruhan sebab All causes			5,369		Keseluruhan sebab All causes			1,743	
Perempuan/ Female	1. Pneumonia	467	12.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,121	63.0	
	2. Ischaemic heart diseases	325	8.5	Kencing manis Diabetes mellitus			80	4.5	
	3. Diabetes mellitus	236	6.2	Darah tinggi Hypertension			75	4.2	
	4. Kidney failure	176	4.6	Penyakit serebrovaskular Cerebrovascular diseases			67	3.8	
	5. Malignant neoplasms of breast	152	4.0	Barah payudara Breast cancer			34	1.9	
	6. Stroke not known if ischaemic or haemorrhagic	93	2.4	Radang paru-paru Pneumonia			21	1.2	
	7. Malignant neoplasms of large intestine, anus, and anal canal	76	2.0	Barah hati Liver cancer			20	1.1	
	8. Heart failure	71	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			20	1.1	
	9. Malignant neoplasms of bronchus or lung	71	1.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			17	1.0	
	10. Intracranial haemorrhage	68	1.8	Barah ovari Ovary cancer			15	0.8	
Keseluruhan sebab All causes			3,837		Keseluruhan sebab All causes			1,779	

Jadual 1.19: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2024

Table 1.19: Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Jumlah/ Total	1. Pneumonia	801	9.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	2,091	24.9			
	2. Ischaemic heart diseases	409	5.1	Penyakit serebrovaskular Cerebrovascular diseases	171	2.0			
	3. Kidney failure	274	3.4	Darah tinggi Hypertension	120	1.4			
	4. Transport accidents	209	2.6	Kencing manis Diabetes mellitus	101	1.2			
	5. Intracranial haemorrhage	199	2.5	Lelah Asthma	48	0.6			
	6. Malignant neoplasms of bronchus or lung	199	2.5	Penyakit jantung iskemia Ischaemic heart diseases	43	0.5			
	7. Malignant neoplasms of large intestine, anus, and anal canal	194	2.4	Radang paru-paru Pneumonia	37	0.4			
	8. Tuberculosis of the respiratory system	145	1.8	Tibi/Batuk kering Tuberculosis	32	0.4			
	9. Diabetes mellitus	143	1.8	Barah hati Liver cancer	29	0.3			
	10. Malignant neoplasms of breast	143	1.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	21	0.3			
Keseluruhan sebab All causes			8,077	Keseluruhan sebab All causes			8,395		
Lelaki/ Male	1. Pneumonia	444	9.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,016	21.2			
	2. Ischaemic heart diseases	312	6.4	Penyakit serebrovaskular Cerebrovascular diseases	115	2.4			
	3. Transport accidents	168	3.4	Darah tinggi Hypertension	75	1.6			
	4. Kidney failure	152	3.1	Kencing manis Diabetes mellitus	59	1.2			
	5. Intracranial haemorrhage	130	2.7	Penyakit jantung iskemia Ischaemic heart diseases	35	0.7			
	6. Malignant neoplasms of bronchus or lung	128	2.6	Lelah Asthma	29	0.6			
	7. Malignant neoplasms of large intestine, anus, and anal canal	108	2.2	Tibi/Batuk kering Tuberculosis	25	0.5			
	8. Tuberculosis of the respiratory system	104	2.1	Radang paru-paru Pneumonia	24	0.5			
	9. Heart failure	84	1.7	Barah hati Liver cancer	22	0.5			
	10. Diabetes mellitus	83	1.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	14	0.3			
Keseluruhan sebab All causes			4,877	Keseluruhan sebab All causes			4,795		
Perempuan/ Female	1. Pneumonia	357	11.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,075	29.9			
	2. Malignant neoplasms of breast	143	4.5	Penyakit serebrovaskular Cerebrovascular diseases	56	1.6			
	3. Kidney failure	122	3.8	Darah tinggi Hypertension	45	1.3			
	4. Ischaemic heart diseases	97	3.0	Kencing manis Diabetes mellitus	42	1.2			
	5. Malignant neoplasms of large intestine, anus, and anal canal	86	2.7	Lelah Asthma	19	0.5			
	6. Malignant neoplasms of bronchus or lung	71	2.2	Radang paru-paru Pneumonia	13	0.4			
	7. Intracranial haemorrhage	69	2.2	Penyakit jantung iskemia Ischaemic heart diseases	8	0.2			
	8. Metabolic disorders	61	1.9	Barah hati Liver cancer	7	0.2			
	9. Diabetes mellitus	60	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	7	0.2			
	10. Chronic obstructive pulmonary disease	49	1.5	Barah payudara Breast cancer	7	0.2			
Keseluruhan sebab All causes			3,200	Keseluruhan sebab All causes			3,600		

Jadual 1.20: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2024

Table 1.20: Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2024

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Jumlah/ Total	1. Pneumonia	787	9.9	Sakit tua 65 tahun dan lebih Old age 65 years and over		48	0.6		
	2. Ischaemic heart diseases	614	7.7	Darah tinggi Hypertension		6	0.1		
	3. Kidney failure	292	3.7	Penyakit jantung iskemia Ischaemic heart diseases		6	0.1		
	4. Malignant neoplasms of bronchus or lung	247	3.1	Penyakit serebrovaskular Cerebrovascular diseases		6	0.1		
	5. Intracranial haemorrhage	209	2.6	Kencing manis Diabetes mellitus		3	0.0		
	6. Malignant neoplasms of large intestine, anus, and anal canal	187	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		2	0.0		
	7. Heart failure	179	2.3	Barah pangkal rahim Cervix cancer		2	0.0		
	8. Cerebral ischaemia	156	2.0	Radang paru-paru Pneumonia		2	0.0		
	9. Diabetes mellitus	141	1.8	AIDS/HIV		1	0.0		
	10. Transport accidents	121	1.5	Lelah Asthma		1	0.0		
Keseluruhan sebab All causes			7,947		Keseluruhan sebab All causes			8,496	
Lelaki/ Male	1. Pneumonia	448	9.4	Sakit tua 65 tahun dan lebih Old age 65 years and over		21	0.4		
	2. Ischaemic heart diseases	441	9.2	Darah tinggi Hypertension		5	0.1		
	3. Kidney failure	181	3.8	Penyakit jantung iskemia Ischaemic heart diseases		5	0.1		
	4. Malignant neoplasms of bronchus or lung	161	3.4	Penyakit serebrovaskular Cerebrovascular diseases		5	0.1		
	5. Intracranial haemorrhage	121	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		2	0.0		
	6. Malignant neoplasms of large intestine, anus, and anal canal	115	2.4	AIDS/HIV		1	0.0		
	7. Transport accidents	101	2.1	Lelah Asthma		1	0.0		
	8. Heart failure	98	2.1	Barah pankreas Pancreas cancer		1	0.0		
	9. Cerebral ischaemia	92	1.9	Barah sel darah putih Leukaemia		1	0.0		
	10. Tuberculosis of the respiratory system	83	1.7	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water		1	0.0		
Keseluruhan sebab All causes			4,770		Keseluruhan sebab All causes			4,676	
Perempuan/ Female	1. Pneumonia	339	10.7	Sakit tua 65 tahun dan lebih Old age 65 years and over		27	0.7		
	2. Ischaemic heart diseases	173	5.4	Barah pangkal rahim Cervix cancer		2	0.1		
	3. Malignant neoplasms of breast	117	3.7	Kencing manis Diabetes mellitus		2	0.1		
	4. Kidney failure	111	3.5	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer		1	0.0		
	5. Intracranial haemorrhage	88	2.8	Barah payudara Breast cancer		1	0.0		
	6. Malignant neoplasms of bronchus or lung	86	2.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		1	0.0		
	7. Heart failure	81	2.5	Darah tinggi Hypertension		1	0.0		
	8. Malignant neoplasms of large intestine, anus, and anal canal	72	2.3	Penyakit jantung iskemia Ischaemic heart diseases		1	0.0		
	9. Metabolic disorders	68	2.1	Penyakit serebrovaskular Cerebrovascular diseases		1	0.0		
	10. Diabetes mellitus	65	2.0	Radang paru-paru Pneumonia		1	0.0		
Keseluruhan sebab All causes			3,177		Keseluruhan sebab All causes			3,820	

Jadual 1.21: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2024

Table 1.21: Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1.	Ischaemic heart diseases	3,038	13.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			4,803	43.7
	2.	Pneumonia	2,425	11.0	Kencing manis Diabetes mellitus			747	6.8
	3.	Diabetes mellitus	827	3.7	Darah tinggi Hypertension			697	6.3
	4.	Transport accidents	807	3.6	Penyakit serebrovaskular Cerebrovascular diseases			526	4.8
	5.	Kidney failure	623	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			246	2.2
	6.	Intracranial haemorrhage	561	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			215	2.0
	7.	Malignant neoplasms of bronchus or lung	496	2.2	Barah payudara Breast cancer			160	1.5
	8.	Malignant neoplasms of breast	440	2.0	Barah hati Liver cancer			145	1.3
	9.	Malignant neoplasms of large intestine, anus, and anal canal	418	1.9	Penyakit jantung iskemia Ischaemic heart diseases			99	0.9
	10.	Heart failure	409	1.8	Lelah Asthma			97	0.9
Keseluruhan sebab All causes			22,119		Keseluruhan sebab All causes			10,983	
Lelaki/ Male	1.	Ischaemic heart diseases	2,222	16.6	Sakit tua 65 tahun dan lebih Old age 65 years and over			2,196	36.8
	2.	Pneumonia	1,368	10.2	Kencing manis Diabetes mellitus			448	7.5
	3.	Transport accidents	717	5.3	Darah tinggi Hypertension			402	6.7
	4.	Diabetes mellitus	448	3.3	Penyakit serebrovaskular Cerebrovascular diseases			328	5.5
	5.	Intracranial haemorrhage	366	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			135	2.3
	6.	Kidney failure	339	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			129	2.2
	7.	Malignant neoplasms of bronchus or lung	325	2.4	Barah hati Liver cancer			104	1.7
	8.	Heart failure	263	2.0	Penyakit jantung iskemia Ischaemic heart diseases			81	1.4
	9.	Intentional self-harm	262	2.0	Lelah Asthma			62	1.0
	10.	Malignant neoplasms of large intestine, anus, and anal canal	250	1.9	Barah prostat Prostate cancer			57	1.0
Keseluruhan sebab All causes			13,420		Keseluruhan sebab All causes			5,963	
Perempuan/ Female	1.	Pneumonia	1,057	12.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			2,607	51.9
	2.	Ischaemic heart diseases	816	9.4	Kencing manis Diabetes mellitus			299	6.0
	3.	Malignant neoplasms of breast	438	5.0	Darah tinggi Hypertension			295	5.9
	4.	Diabetes mellitus	379	4.4	Penyakit serebrovaskular Cerebrovascular diseases			198	3.9
	5.	Kidney failure	284	3.3	Barah payudara Breast cancer			160	3.2
	6.	Intracranial haemorrhage	195	2.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			111	2.2
	7.	Malignant neoplasms of bronchus or lung	171	2.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			86	1.7
	8.	Malignant neoplasms of large intestine, anus, and anal canal	168	1.9	Barah hati Liver cancer			41	0.8
	9.	Stroke not known if ischaemic or haemorrhagic	159	1.8	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer			39	0.8
	10.	Heart failure	146	1.7	Barah rahim Uterus cancer			39	0.8
Keseluruhan sebab All causes			8,699		Keseluruhan sebab All causes			5,020	

Jadual 1.22: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2024

Table 1.22: Ten principal causes of death (medically certified and non-medically certified) by sex, Terengganu, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1.	Ischaemic heart diseases	616	10.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			602	34.3
	2.	Diabetes mellitus	606	10.3	Kencing manis Diabetes mellitus			185	10.5
	3.	Pneumonia	596	10.1	Darah tinggi Hypertension			155	8.8
	4.	Transport accidents	205	3.5	Penyakit serebrovaskular Cerebrovascular diseases			140	8.0
	5.	Stroke not known if ischaemic or haemorrhagic	198	3.3	Lelah Asthma			51	2.9
	6.	Kidney failure	178	3.0	Penyakit jantung iskemia Ischaemic heart diseases			46	2.6
	7.	Intracranial haemorrhage	176	3.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			32	1.8
	8.	Metabolic disorders	142	2.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			30	1.7
	9.	Cerebral ischaemia	122	2.1	Barah hati Liver cancer			21	1.2
	10.	Malignant neoplasms of large intestine, anus, and anal canal	112	1.9	Radang paru-paru Pneumonia			21	1.2
Keseluruhan sebab All causes			5,912		Keseluruhan sebab All causes			1,756	
Lelaki/ Male	1.	Ischaemic heart diseases	463	13.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			258	28.9
	2.	Pneumonia	335	10.0	Kencing manis Diabetes mellitus			83	9.3
	3.	Diabetes mellitus	291	8.7	Penyakit serebrovaskular Cerebrovascular diseases			71	8.0
	4.	Transport accidents	168	5.0	Darah tinggi Hypertension			65	7.3
	5.	Kidney failure	107	3.2	Lelah Asthma			37	4.1
	6.	Intracranial haemorrhage	103	3.1	Penyakit jantung iskemia Ischaemic heart diseases			32	3.6
	7.	Stroke not known if ischaemic or haemorrhagic	95	2.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			23	2.6
	8.	Metabolic disorders	79	2.4	Barah hati Liver cancer			15	1.7
	9.	Malignant neoplasms of bronchus or lung	68	2.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			14	1.6
	10.	Cerebral ischaemia	67	2.0	Radang paru-paru Pneumonia			12	1.3
Keseluruhan sebab All causes			3,355		Keseluruhan sebab All causes			893	
Perempuan/ Female	1.	Diabetes mellitus	315	12.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			344	39.9
	2.	Pneumonia	261	10.2	Kencing manis Diabetes mellitus			102	11.8
	3.	Ischaemic heart diseases	153	6.0	Darah tinggi Hypertension			90	10.4
	4.	Stroke not known if ischaemic or haemorrhagic	103	4.0	Penyakit serebrovaskular Cerebrovascular diseases			69	8.0
	5.	Malignant neoplasms of breast	94	3.7	Barah payudara Breast cancer			20	2.3
	6.	Intracranial haemorrhage	73	2.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			18	2.1
	7.	Kidney failure	71	2.8	Lelah Asthma			14	1.6
	8.	Metabolic disorders	63	2.5	Penyakit jantung iskemia Ischaemic heart diseases			14	1.6
	9.	Cerebral ischaemia	55	2.2	Radang paru-paru Pneumonia			9	1.0
	10.	Malignant neoplasms of large intestine, anus, and anal canal	55	2.2	Barah pangkal rahim Cervix cancer			7	0.8
Keseluruhan sebab All causes			2,557		Keseluruhan sebab All causes			863	

Jadual 1.23: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2024

Table 1.23: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2024

Disahkan secara perubatan Medically certified				Tidak disahkan secara perubatan Non-medically certified			
Bil.		Bil.		Bil.			
No.		No.		No.			
%		%		%			
Jumlah/ Total	1. Ischaemic heart diseases	1,035	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,183	51.8	
	2. Pneumonia	855	11.5	Darah tinggi Hypertension	115	5.0	
	3. Diabetes mellitus	443	6.0	Kencing manis Diabetes mellitus	103	4.5	
	4. Malignant neoplasms of bronchus or lung	205	2.8	Penyakit serebrovaskular Cerebrovascular diseases	82	3.6	
	5. Transport accidents	198	2.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	51	2.2	
	6. Malignant neoplasms of large intestine, anus, and anal canal	192	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	42	1.8	
	7. Intracranial haemorrhage	188	2.5	Barah payudara Breast cancer	36	1.6	
	8. Malignant neoplasms of breast	169	2.3	Penyakit jantung iskemia Ischaemic heart diseases	24	1.1	
	9. Kidney failure	154	2.1	Barah hati Liver cancer	22	1.0	
	10. Cerebral ischaemia	132	1.8	Lelah Asthma	18	0.8	
Keseluruhan sebab All causes		7,419		Keseluruhan sebab All causes		2,285	
Lelaki/ Male	1. Ischaemic heart diseases	709	16.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	554	45.5	
	2. Pneumonia	487	11.2	Darah tinggi Hypertension	75	6.2	
	3. Diabetes mellitus	240	5.5	Kencing manis Diabetes mellitus	55	4.5	
	4. Transport accidents	162	3.7	Penyakit serebrovaskular Cerebrovascular diseases	52	4.3	
	5. Malignant neoplasms of bronchus or lung	141	3.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	38	3.1	
	6. Intracranial haemorrhage	114	2.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	26	2.1	
	7. Malignant neoplasms of large intestine, anus, and anal canal	102	2.4	Barah hati Liver cancer	19	1.6	
	8. Intentional self-harm	84	1.9	Penyakit jantung iskemia Ischaemic heart diseases	18	1.5	
	9. Malignant neoplasms of liver or intrahepatic bile ducts	79	1.8	Barah prostat Prostate cancer	14	1.1	
	10. Kidney failure	77	1.8	Lelah Asthma	12	1.0	
Keseluruhan sebab All causes		4,332		Keseluruhan sebab All causes		1,218	
Perempuan/ Female	1. Pneumonia	368	11.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	629	59.0	
	2. Ischaemic heart diseases	326	10.6	Kencing manis Diabetes mellitus	48	4.5	
	3. Diabetes mellitus	203	6.6	Darah tinggi Hypertension	40	3.7	
	4. Malignant neoplasms of breast	167	5.4	Barah payudara Breast cancer	36	3.4	
	5. Malignant neoplasms of large intestine, anus, and anal canal	90	2.9	Penyakit serebrovaskular Cerebrovascular diseases	30	2.8	
	6. Kidney failure	77	2.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	16	1.5	
	7. Intracranial haemorrhage	74	2.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	13	1.2	
	8. Malignant neoplasms of bronchus or lung	64	2.1	Barah ovari Ovary cancer	9	0.8	
	9. Cerebral ischaemia	60	1.9	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	8	0.7	
	10. Stroke not known if ischaemic or haemorrhagic	59	1.9	Lelah Asthma	6	0.6	
Keseluruhan sebab All causes		3,087		Keseluruhan sebab All causes		1,067	

Jadual 1.24: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2024

Table 1.24: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Jumlah/ Total	1. Ischaemic heart diseases	45	15.0	Sakit tua 65 tahun dan lebih Old age 65 years and over		52	57.1
	2. Pneumonia	34	11.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		1	1.1
	3. Stroke not known if ischaemic or haemorrhagic	14	4.7	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		1	1.1
	4. Malignant neoplasms of bronchus or lung	9	3.0	Mati lemas Drowning		1	1.1
	5. Heart failure	8	2.7	-			
	6. Malignant neoplasms of large intestine, anus, and anal canal	8	2.7	-			
	7. Intracranial haemorrhage	7	2.3	-			
	8. Lymphoid Neoplasms	5	1.7	-			
	9. Malignant neoplasms of breast	5	1.7	-			
	10. Cerebral ischaemia	4	1.3	-			
Keseluruhan sebab All causes		300		Keseluruhan sebab All causes		91	
Lelaki/ Male	1. Ischaemic heart diseases	34	17.1	Sakit tua 65 tahun dan lebih Old age 65 years and over		33	58.9
	2. Pneumonia	20	10.1	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		1	1.8
	3. Malignant neoplasms of bronchus or lung	7	3.5	Mati lemas Drowning		1	1.8
	4. Stroke not known if ischaemic or haemorrhagic	7	3.5	-			
	5. Intracranial haemorrhage	6	3.0	-			
	6. Malignant neoplasms of large intestine, anus, and anal canal	6	3.0	-			
	7. Heart failure	5	2.5	-			
	8. Cerebral ischaemia	4	2.0	-			
	9. Hypertensive renal disease	3	1.5	-			
	10. Lymphoid Neoplasms	3	1.5	-			
Keseluruhan sebab All causes		199		Keseluruhan sebab All causes		56	
Perempuan/ Female	1. Pneumonia	14	13.9	Sakit tua 65 tahun dan lebih Old age 65 years and over		19	54.3
	2. Ischaemic heart diseases	11	10.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		1	2.9
	3. Stroke not known if ischaemic or haemorrhagic	7	6.9	-			
	4. Malignant neoplasms of breast	5	5.0	-			
	5. Malignant neoplasms of cervix uteri	4	4.0	-			
	6. Heart failure	3	3.0	-			
	7. Asthma	2	2.0	-			
	8. Lymphoid Neoplasms	2	2.0	-			
	9. Malignant neoplasms of bronchus or lung	2	2.0	-			
	10. Malignant neoplasms of large intestine, anus, and anal canal	2	2.0	-			
Keseluruhan sebab All causes		101		Keseluruhan sebab All causes		35	

Jadual 1.25: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2024

Table 1.25: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2024

Disahkan secara perubatan Medically certified			Bil. No.		%		Tidak disahkan secara perubatan Non-medically certified			Bil. No.		%	
Jumlah/ Total	1.	Ischaemic heart diseases	38	13.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	8	40.0						
	2.	Diabetes mellitus	20	7.1	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	3	15.0						
	3.	Malignant neoplasms of breast	18	6.4	Darah tinggi Hypertension	3	15.0						
	4.	Pneumonia	16	5.7	Barah limfoma Lymphoma	1	5.0						
	5.	Malignant neoplasms of large intestine, anus, and anal canal	11	3.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	5.0						
	6.	Transport accidents	9	3.2	-								
	7.	Intracranial haemorrhage	8	2.8	-								
	8.	Malignant neoplasms of bronchus or lung	7	2.5	-								
	9.	Stroke not known if ischaemic or haemorrhagic	7	2.5	-								
	10.	Kidney failure	5	1.8	-								
Keseluruhan sebab All causes			282		Keseluruhan sebab All causes			20					
Lelaki/ Male	1.	Ischaemic heart diseases	29	18.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	5	50.0						
	2.	Diabetes mellitus	15	9.4	Darah tinggi Hypertension	2	20.0						
	3.	Pneumonia	8	5.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	10.0						
	4.	Transport accidents	8	5.0	-								
	5.	Intracranial haemorrhage	6	3.8	-								
	6.	Malignant neoplasms of bronchus or lung	6	3.8	-								
	7.	Malignant neoplasms of large intestine, anus, and anal canal	5	3.1	-								
	8.	Lymphoid Neoplasms	4	2.5	-								
	9.	Malignant neoplasms of liver or intrahepatic bile ducts	3	1.9	-								
	10.	Malignant neoplasms of prostate	3	1.9	-								
Keseluruhan sebab All causes			159		Keseluruhan sebab All causes			10					
Perempuan/ Female	1.	Malignant neoplasms of breast	18	14.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	3	30.0						
	2.	Ischaemic heart diseases	9	7.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	3	30.0						
	3.	Pneumonia	8	6.5	Barah limfoma Lymphoma	1	10.0						
	4.	Malignant neoplasms of large intestine, anus, and anal canal	6	4.9	Darah tinggi Hypertension	1	10.0						
	5.	Diabetes mellitus	5	4.1	-								
	6.	Stroke not known if ischaemic or haemorrhagic	5	4.1	-								
	7.	Kidney failure	3	2.4	-								
	8.	Metabolic disorders	3	2.4	-								
	9.	Cerebral ischaemia	2	1.6	-								
	10.	Intracranial haemorrhage	2	1.6	-								
Keseluruhan sebab All causes			123		Keseluruhan sebab All causes			10					

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2024

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Johor	1. Ischaemic heart diseases		2,620	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over			3,404	53.3
	2. Pneumonia		2,197	11.8	Kencing manis Diabetes mellitus			291	4.6
	3. Diabetes mellitus		906	4.9	Darah tinggi Hypertension			265	4.2
	4. Transport accidents		663	3.6	Penyakit serebrovaskular Cerebrovascular diseases			215	3.4
	5. Stroke not known if ischaemic or haemorrhagic		593	3.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			122	1.9
	Keseluruhan sebab All causes		18,650		Keseluruhan sebab All causes		6,381		
Batu Pahat	1. Ischaemic heart diseases		433	14.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			309	73.7
	2. Pneumonia		344	11.3	Kencing manis Diabetes mellitus			12	2.9
	3. Stroke not known if ischaemic or haemorrhagic		144	4.7	Darah tinggi Hypertension			9	2.1
	4. Diabetes mellitus		91	3.0	Penyakit serebrovaskular Cerebrovascular diseases			5	1.2
	5. Transport accidents		84	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			4	1.0
	Keseluruhan sebab All causes		3,042		Keseluruhan sebab All causes		419		
Johor Bahru	1. Pneumonia		747	13.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,237	43.5
	2. Ischaemic heart diseases		736	13.0	Darah tinggi Hypertension			191	6.7
	3. Transport accidents		241	4.3	Kencing manis Diabetes mellitus			186	6.5
	4. Intracranial haemorrhage		165	2.9	Penyakit serebrovaskular Cerebrovascular diseases			117	4.1
	5. Diabetes mellitus		153	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			68	2.4
	Keseluruhan sebab All causes		5,665		Keseluruhan sebab All causes		2,842		
Kluang	1. Ischaemic heart diseases		248	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over			285	52.2
	2. Diabetes mellitus		160	9.0	Penyakit serebrovaskular Cerebrovascular diseases			23	4.2
	3. Pneumonia		137	7.7	Kencing manis Diabetes mellitus			20	3.7
	4. Kidney failure		66	3.7	Darah tinggi Hypertension			19	3.5
	5. Stroke not known if ischaemic or haemorrhagic		61	3.4	Barah hati Livercancer			10	1.8
	Keseluruhan sebab All causes		1,774		Keseluruhan sebab All causes		546		
Kota Tinggi	1. Ischaemic heart diseases		240	14.6	Sakit tua 65 tahun dan lebih Old age 65 years and over			178	65.9
	2. Pneumonia		212	12.9	Kencing manis Diabetes mellitus			10	3.7
	3. Diabetes mellitus		133	8.1	Darah tinggi Hypertension			6	2.2
	4. Stroke not known if ischaemic or haemorrhagic		67	4.1	Penyakit serebrovaskular Cerebrovascular diseases			4	1.5
	5. Intracranial haemorrhage		38	2.3	Lelah Asthma			3	1.1
	Keseluruhan sebab All causes		1,644		Keseluruhan sebab All causes		270		

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2024 (samb.)

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2024 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. <i>No.</i>	%		Bil. <i>No.</i>	%	
Mersing	1. <i>Ischaemic heart diseases</i>	55	12.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	102	54.8
	2. <i>Pneumonia</i>	53	11.5	Kencing manis <i>Diabetes mellitus</i>	5	2.7
	3. <i>Diabetes mellitus</i>	40	8.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	2.2
	4. <i>Heart failure</i>	17	3.7	Barah payudara <i>Breast cancer</i>	2	1.1
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	16	3.5	Darah tinggi <i>Hypertension</i>	2	1.1
	Keseluruhan sebab <i>All causes</i>	459		Keseluruhan sebab <i>All causes</i>	186	
Muar	1. <i>Ischaemic heart diseases</i>	229	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	343	63.4
	2. <i>Pneumonia</i>	169	10.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	18	3.3
	3. <i>Diabetes mellitus</i>	72	4.4	Kencing manis <i>Diabetes mellitus</i>	16	3.0
	4. <i>Transport accidents</i>	55	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	16	3.0
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	44	2.7	Darah tinggi <i>Hypertension</i>	13	2.4
	Keseluruhan sebab <i>All causes</i>	1,626		Keseluruhan sebab <i>All causes</i>	541	
Pontian	1. <i>Ischaemic heart diseases</i>	160	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	225	73.3
	2. <i>Pneumonia</i>	127	10.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	3.9
	3. <i>Diabetes mellitus</i>	111	9.5	Kencing manis <i>Diabetes mellitus</i>	8	2.6
	4. <i>Transport accidents</i>	40	3.4	Darah tinggi <i>Hypertension</i>	4	1.3
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	39	3.3	Lelah <i>Asthma</i>	2	0.7
	Keseluruhan sebab <i>All causes</i>	1,166		Keseluruhan sebab <i>All causes</i>	307	
Segamat	1. <i>Ischaemic heart diseases</i>	209	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	390	73.2
	2. <i>Pneumonia</i>	198	16.0	Kencing manis <i>Diabetes mellitus</i>	14	2.6
	3. <i>Diabetes mellitus</i>	41	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	2.4
	4. <i>Transport accidents</i>	36	2.9	Darah tinggi <i>Hypertension</i>	6	1.1
	5. <i>Kidney failure</i>	31	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	1.1
	Keseluruhan sebab <i>All causes</i>	1,236		Keseluruhan sebab <i>All causes</i>	533	
Kulai	1. <i>Ischaemic heart diseases</i>	185	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	249	64.3
	2. <i>Pneumonia</i>	123	10.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22	5.7
	3. <i>Diabetes mellitus</i>	68	5.6	Kencing manis <i>Diabetes mellitus</i>	14	3.6
	4. <i>Transport accidents</i>	48	4.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	11	2.8
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	34	2.8	Darah tinggi <i>Hypertension</i>	8	2.1
	Keseluruhan sebab <i>All causes</i>	1,215		Keseluruhan sebab <i>All causes</i>	387	

Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2024 (samb.)
Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2024 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>			
Bil. No.			Bil. No.			
%			%			
Tangkak	1. <i>Ischaemic heart diseases</i>	125	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	86	24.6
	2. <i>Pneumonia</i>	87	10.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	20	5.7
	3. <i>Transport accidents</i>	50	6.1	Radang paru-paru <i>Pneumonia</i>	17	4.9
	4. <i>Diabetes mellitus</i>	37	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	4.3
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	28	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	14	4.0
	Keseluruhan sebab <i>All causes</i>	823		Keseluruhan sebab <i>All causes</i>	350	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2024

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2024

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			
Bil. No.			Bil. No.			
%			%			
Kedah	1. Ischaemic heart diseases	2,349	16.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	1,240	50.6
	2. Pneumonia	1,806	12.6	Kencing manis Diabetes mellitus	206	8.4
	3. Diabetes mellitus	1,185	8.2	Darah tinggi Hypertension	112	4.6
	4. Stroke not known if ischaemic or haemorrhagic	647	4.5	Penyakit serebrovaskular Cerebrovascular diseases	109	4.4
	5. Kidney failure	559	3.9	Lelah Asthma	57	2.3
	Keseluruhan sebab All causes	14,365		Keseluruhan sebab All causes	2,450	
Baling	1. Ischaemic heart diseases	208	17.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	132	54.1
	2. Pneumonia	143	12.2	Darah tinggi Hypertension	16	6.6
	3. Diabetes mellitus	75	6.4	Kencing manis Diabetes mellitus	11	4.5
	4. Stroke not known if ischaemic or haemorrhagic	67	5.7	Penyakit serebrovaskular Cerebrovascular diseases	9	3.7
	5. Transport accidents	56	4.8	Lelah Asthma	8	3.3
	Keseluruhan sebab All causes	1,175		Keseluruhan sebab All causes	244	
Bandar Baharu	1. Ischaemic heart diseases	84	20.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	19	43.2
	2. Pneumonia	59	14.4	Kencing manis Diabetes mellitus	3	6.8
	3. Diabetes mellitus	38	9.3	Darah tinggi Hypertension	2	4.5
	4. Kidney failure	18	4.4	Barah payudara Breast cancer	1	2.3
	5. Stroke not known if ischaemic or haemorrhagic	17	4.1	Barah prostat Prostate cancer	1	2.3
	Keseluruhan sebab All causes	410		Keseluruhan sebab All causes	44	
Kota Setar	1. Pneumonia	519	17.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	110	47.2
	2. Ischaemic heart diseases	437	14.4	Penyakit serebrovaskular Cerebrovascular diseases	16	6.9
	3. Stroke not known if ischaemic or haemorrhagic	154	5.1	Kencing manis Diabetes mellitus	15	6.4
	4. Kidney failure	141	4.7	Lelah Asthma	7	3.0
	5. Chronic obstructive pulmonary disease	130	4.3	Darah tinggi Hypertension	7	3.0
	Keseluruhan sebab All causes	3,030		Keseluruhan sebab All causes	233	
Kuala Muda	1. Ischaemic heart diseases	480	15.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	349	61.8
	2. Diabetes mellitus	416	13.4	Kencing manis Diabetes mellitus	71	12.6
	3. Pneumonia	211	6.8	Darah tinggi Hypertension	33	5.8
	4. Stroke not known if ischaemic or haemorrhagic	134	4.3	Penyakit serebrovaskular Cerebrovascular diseases	17	3.0
	5. Transport accidents	129	4.1	Lelah Asthma	5	0.9
	Keseluruhan sebab All causes	3,111		Keseluruhan sebab All causes	565	

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2024 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Kubang Pasu	1. Pneumonia		314	18.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			100	38.8
	2. Ischaemic heart diseases		311	18.6	Kencing manis Diabetes mellitus			22	8.5
	3. Diabetes mellitus		111	6.6	Lelah Asthma			21	8.1
	4. Transport accidents		67	4.0	Penyakit serebrovaskular Cerebrovascular diseases			14	5.4
	5. Stroke not known if ischaemic or haemorrhagic		65	3.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			10	3.9
	Keseluruhan sebab All causes		1,676		Keseluruhan sebab All causes		258		
Kulim	1. Ischaemic heart diseases		308	18.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			196	45.6
	2. Pneumonia		203	12.0	Kencing manis Diabetes mellitus			33	7.7
	3. Diabetes mellitus		150	8.9	Darah tinggi Hypertension			30	7.0
	4. Transport accidents		57	3.4	Penyakit serebrovaskular Cerebrovascular diseases			21	4.9
	5. Cerebral ischaemia		53	3.1	Penyakit jantung iskemia Ischaemic heart diseases			11	2.6
	Keseluruhan sebab All causes		1,688		Keseluruhan sebab All causes		430		
Langkawi	1. Ischaemic heart diseases		129	22.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			35	29.2
	2. Diabetes mellitus		99	17.0	Penyakit serebrovaskular Cerebrovascular diseases			12	10.0
	3. Pneumonia		41	7.0	Kencing manis Diabetes mellitus			5	4.2
	4. Transport accidents		24	4.1	Barah hati Liver cancer			4	3.3
	5. Stroke not known if ischaemic or haemorrhagic		23	3.9	Darah tinggi Hypertension			4	3.3
	Keseluruhan sebab All causes		583		Keseluruhan sebab All causes		120		
Padang Terap	1. Ischaemic heart diseases		81	17.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			47	43.1
	2. Pneumonia		69	15.1	Kencing manis Diabetes mellitus			2	1.8
	3. Diabetes mellitus		17	3.7	Penyakit serebrovaskular Cerebrovascular diseases			2	1.8
	4. Intracranial haemorrhage		16	3.5	Lelah Asthma			1	0.9
	5. Kidney failure		15	3.3	Barah hati Liver cancer			1	0.9
	Keseluruhan sebab All causes		457		Keseluruhan sebab All causes		109		
Sik	1. Ischaemic heart diseases		86	15.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			52	70.3
	2. Diabetes mellitus		72	12.6	Penyakit jantung iskemia Ischaemic heart diseases			3	4.1
	3. Pneumonia		48	8.4	Lelah Asthma			2	2.7
	4. Stroke not known if ischaemic or haemorrhagic		37	6.5	Radang paru-paru Pneumonia			2	2.7
	5. Kidney failure		19	3.3	Darah tinggi Hypertension			1	1.4
	Keseluruhan sebab All causes		571		Keseluruhan sebab All causes		74		

Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2024 (samb.)

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Yan	1. Ischaemic heart diseases		59	13.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			58	60.4
	2. Pneumonia		52	11.7	Kencing manis Diabetes mellitus			7	7.3
	3. Diabetes mellitus		34	7.6	Darah tinggi Hypertension			4	4.2
	4. Stroke not known if ischaemic or haemorrhagic		28	6.3	Penyakit serebrovaskular Cerebrovascular diseases			4	4.2
	5. Cerebral ischaemia		18	4.0	Lelah Asthma			1	1.0
	Keseluruhan sebab All causes		446		Keseluruhan sebab All causes		96		
Pendang	1. Ischaemic heart diseases		121	15.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			126	50.6
	2. Pneumonia		81	10.3	Kencing manis Diabetes mellitus			35	14.1
	3. Diabetes mellitus		79	10.0	Penyakit serebrovaskular Cerebrovascular diseases			10	4.0
	4. Kidney failure		35	4.4	Lelah Asthma			5	2.0
	5. Transport accidents		35	4.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			5	2.0
	Keseluruhan sebab All causes		787		Keseluruhan sebab All causes		249		
Pokok Sena	1. Pneumonia		66	15.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			16	57.1
	2. Ischaemic heart diseases		45	10.4	Penyakit serebrovaskular Cerebrovascular diseases			2	7.1
	3. Stroke not known if ischaemic or haemorrhagic		40	9.3	Darah tinggi Hypertension			1	3.6
	4. Kidney failure		19	4.4	Kencing manis Diabetes mellitus			1	3.6
	5. Chronic obstructive pulmonary disease		18	4.2	-				
	Keseluruhan sebab All causes		431		Keseluruhan sebab All causes		28		

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2024

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2024

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>	1,661	18.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>				772	27.5
	2. <i>Pneumonia</i>	1,057	11.9	Kencing manis <i>Diabetes mellitus</i>				275	9.8
	3. <i>Diabetes mellitus</i>	627	7.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>				271	9.7
	4. <i>Stroke not known if ischaemic or haemorrhagic</i>	327	3.7	Darah tinggi <i>Hypertension</i>				244	8.7
	5. <i>Metabolic disorders</i>	274	3.1	Lelah <i>Asthma</i>				87	3.1
	Keseluruhan sebab <i>All causes</i>		8,858	Keseluruhan sebab <i>All causes</i>				2,804	
Bachok	1. <i>Ischaemic heart diseases</i>	116	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>				65	44.8
	2. <i>Pneumonia</i>	111	13.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>				16	11.0
	3. <i>Diabetes mellitus</i>	51	6.1	Kencing manis <i>Diabetes mellitus</i>				9	6.2
	4. <i>Stroke not known if ischaemic or haemorrhagic</i>	22	2.6	Darah tinggi <i>Hypertension</i>				8	5.5
	5. <i>Intracranial haemorrhage</i>	17	2.0	Lelah <i>Asthma</i>				3	2.1
	Keseluruhan sebab <i>All causes</i>		836	Keseluruhan sebab <i>All causes</i>				145	
Kota Bharu	1. <i>Ischaemic heart diseases</i>	346	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>				167	13.9
	2. <i>Pneumonia</i>	282	12.4	Kencing manis <i>Diabetes mellitus</i>				166	13.8
	3. <i>Diabetes mellitus</i>	202	8.9	Darah tinggi <i>Hypertension</i>				164	13.6
	4. <i>Intracranial haemorrhage</i>	66	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>				135	11.2
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	57	2.5	Lelah <i>Asthma</i>				44	3.7
	Keseluruhan sebab <i>All causes</i>		2,273	Keseluruhan sebab <i>All causes</i>				1,205	
Machang	1. <i>Ischaemic heart diseases</i>	117	18.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>				54	38.0
	2. <i>Diabetes mellitus</i>	58	9.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>				15	10.6
	3. <i>Pneumonia</i>	53	8.3	Kencing manis <i>Diabetes mellitus</i>				11	7.7
	4. <i>Metabolic disorders</i>	36	5.6	Darah tinggi <i>Hypertension</i>				9	6.3
	5. <i>Transport accidents</i>	29	4.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>				3	2.1
	Keseluruhan sebab <i>All causes</i>		639	Keseluruhan sebab <i>All causes</i>				142	
Pasir Mas	1. <i>Ischaemic heart diseases</i>	320	23.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>				107	52.7
	2. <i>Pneumonia</i>	154	11.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>				12	5.9
	3. <i>Diabetes mellitus</i>	75	5.5	Kencing manis <i>Diabetes mellitus</i>				8	3.9
	4. <i>Metabolic disorders</i>	44	3.2	Lelah <i>Asthma</i>				5	2.5
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	44	3.2	Darah tinggi <i>Hypertension</i>				5	2.5
	Keseluruhan sebab <i>All causes</i>		1,360	Keseluruhan sebab <i>All causes</i>				203	

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2024
Kelantan, 2024 (samb.)

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Pasir Puteh	1. Ischaemic heart diseases	140	19.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	62	21.2
	2. Pneumonia	94	12.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	36	12.3
	3. Transport accidents	27	3.7	Kencing manis <i>Diabetes mellitus</i>	32	11.0
	4. Diabetes mellitus	24	3.3	Darah tinggi <i>Hypertension</i>	19	6.5
	5. Kidney failure	18	2.4	Lelah <i>Asthma</i>	10	3.4
	Keseluruhan sebab <i>All causes</i>	736		Keseluruhan sebab <i>All causes</i>	292	
Tanah Merah	1. Ischaemic heart diseases	173	23.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	54	31.0
	2. Pneumonia	69	9.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	10.3
	3. Diabetes mellitus	55	7.5	Kencing manis <i>Diabetes mellitus</i>	14	8.0
	4. Metabolic disorders	46	6.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	9	5.2
	5. Kidney failure	29	4.0	Lelah <i>Asthma</i>	8	4.6
	Keseluruhan sebab <i>All causes</i>	730		Keseluruhan sebab <i>All causes</i>	174	
Tumpat	1. Ischaemic heart diseases	204	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	78	63.9
	2. Pneumonia	178	16.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	3.3
	3. Stroke not known if ischaemic or haemorrhagic	117	10.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	2.5
	4. Diabetes mellitus	73	6.6	Lelah <i>Asthma</i>	2	1.6
	5. Metabolic disorders	28	2.5	Kencing manis <i>Diabetes mellitus</i>	2	1.6
	Keseluruhan sebab <i>All causes</i>	1,099		Keseluruhan sebab <i>All causes</i>	122	
Gua Musang	1. Ischaemic heart diseases	99	21.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	24	30.4
	2. Diabetes mellitus	50	10.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	10.1
	3. Pneumonia	34	7.4	Kencing manis <i>Diabetes mellitus</i>	7	8.9
	4. Metabolic disorders	28	6.1	Darah tinggi <i>Hypertension</i>	6	7.6
	5. Transport accidents	15	3.3	Lelah <i>Asthma</i>	3	3.8
	Keseluruhan sebab <i>All causes</i>	457		Keseluruhan sebab <i>All causes</i>	79	
Kuala Krai	1. Ischaemic heart diseases	59	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	138	35.4
	2. Pneumonia	31	7.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	32	8.2
	3. Diabetes mellitus	28	6.8	Kencing manis <i>Diabetes mellitus</i>	23	5.9
	4. Transport accidents	24	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	23	5.9
	5. Intracranial haemorrhage	13	3.2	Darah tinggi <i>Hypertension</i>	20	5.1
	Keseluruhan sebab <i>All causes</i>	410		Keseluruhan sebab <i>All causes</i>	390	

Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2024 (samb.)

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2024 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>			Bil. No.	%
Jeli	1. <i>Ischaemic heart diseases</i>	68	25.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			22	50.0	
	2. <i>Pneumonia</i>	44	16.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			4	9.1	
	3. <i>Transport accidents</i>	12	4.4	Barah payudara <i>Breast cancer</i>			2	4.5	
	4. <i>Metabolic disorders</i>	11	4.1	Kencing manis <i>Diabetes mellitus</i>			2	4.5	
	5. <i>Diabetes mellitus</i>	10	3.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>			2	4.5	
	Keseluruhan sebab <i>All causes</i>		270	Keseluruhan sebab <i>All causes</i>			44		
Kecil Lojing	1. <i>Ischaemic heart diseases</i>	19	39.6	Darah tinggi <i>Hypertension</i>			4	50.0	
	2. <i>Pneumonia</i>	7	14.6	Cirit birit <i>Dysentery/Diarrhea</i>			1	12.5	
	3. <i>Metabolic disorders</i>	3	6.3	Kencing manis <i>Diabetes mellitus</i>			1	12.5	
	4. <i>Diabetes mellitus</i>	1	2.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			1	12.5	
	5. <i>Kidney failure</i>	1	2.1	-					
	Keseluruhan sebab <i>All causes</i>		48	Keseluruhan sebab <i>All causes</i>			8		

Jadual 1.29: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2024

Table 1.29: Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2024

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%		Bil. No.	%	
Melaka	1. <i>Ischaemic heart diseases</i>	480	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,304	47.1
	2. <i>Pneumonia</i>	373	10.6	Kencing manis <i>Diabetes mellitus</i>	203	7.3
	3. <i>Transport accidents</i>	183	5.2	Darah tinggi <i>Hypertension</i>	160	5.8
	4. <i>Diabetes mellitus</i>	135	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	97	3.5
	5. <i>Kidney failure</i>	116	3.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	67	2.4
	Keseluruhan sebab <i>All causes</i>		3,520	Keseluruhan sebab <i>All causes</i>		2,766
Alor Gajah	1. <i>Ischaemic heart diseases</i>	107	12.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	397	58.9
	2. <i>Pneumonia</i>	87	10.4	Kencing manis <i>Diabetes mellitus</i>	34	5.0
	3. <i>Kidney failure</i>	42	5.0	Darah tinggi <i>Hypertension</i>	32	4.7
	4. <i>Diabetes mellitus</i>	41	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	23	3.4
	5. <i>Transport accidents</i>	40	4.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	12	1.8
	Keseluruhan sebab <i>All causes</i>		839	Keseluruhan sebab <i>All causes</i>		674
Jasin	1. <i>Ischaemic heart diseases</i>	71	11.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	306	60.8
	2. <i>Pneumonia</i>	70	11.2	Kencing manis <i>Diabetes mellitus</i>	18	3.6
	3. <i>Transport accidents</i>	43	6.9	Darah tinggi <i>Hypertension</i>	16	3.2
	4. <i>Diabetes mellitus</i>	23	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	2.2
	5. <i>Kidney failure</i>	22	3.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	10	2.0
	Keseluruhan sebab <i>All causes</i>		623	Keseluruhan sebab <i>All causes</i>		503
Melaka Tengah	1. <i>Ischaemic heart diseases</i>	302	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	601	37.8
	2. <i>Pneumonia</i>	216	10.5	Kencing manis <i>Diabetes mellitus</i>	151	9.5
	3. <i>Transport accidents</i>	100	4.9	Darah tinggi <i>Hypertension</i>	112	7.0
	4. <i>Diabetes mellitus</i>	71	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	63	4.0
	5. <i>Intracranial haemorrhage</i>	54	2.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	45	2.8
	Keseluruhan sebab <i>All causes</i>		2,058	Keseluruhan sebab <i>All causes</i>		1,589

Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2024

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2024

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. <i>No.</i>	%		Bil. <i>No.</i>	%	
Negeri Sembilan	1. <i>Ischaemic heart diseases</i>	820	12.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,319	58.0
	2. <i>Diabetes mellitus</i>	683	10.7	Kencing manis <i>Diabetes mellitus</i>	102	4.5
	3. <i>Pneumonia</i>	521	8.1	Darah tinggi <i>Hypertension</i>	82	3.6
	4. <i>Transport accidents</i>	239	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	60	2.6
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	161	2.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	41	1.8
	Keseluruhan sebab <i>All causes</i>	6,413		Keseluruhan sebab <i>All causes</i>	2,273	
Jejebu	1. <i>Ischaemic heart diseases</i>	39	11.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32	37.6
	2. <i>Diabetes mellitus</i>	38	11.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	12	14.1
	3. <i>Pneumonia</i>	33	9.5	Kencing manis <i>Diabetes mellitus</i>	8	9.4
	4. <i>Transport accidents</i>	13	3.8	Darah tinggi <i>Hypertension</i>	6	7.1
	5. <i>Chronic obstructive pulmonary disease</i>	11	3.2	Barah hati <i>Liver cancer</i>	2	2.4
	Keseluruhan sebab <i>All causes</i>	346		Keseluruhan sebab <i>All causes</i>	85	
Kuala Pilah	1. <i>Diabetes mellitus</i>	79	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	62	53.0
	2. <i>Pneumonia</i>	64	10.3	Darah tinggi <i>Hypertension</i>	10	8.5
	3. <i>Ischaemic heart diseases</i>	62	10.0	Kencing manis <i>Diabetes mellitus</i>	10	8.5
	4. <i>Intracranial haemorrhage</i>	19	3.1	Barah payudara <i>Breast cancer</i>	3	2.6
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	19	3.1	Lelah <i>Asthma</i>	2	1.7
	Keseluruhan sebab <i>All causes</i>	621		Keseluruhan sebab <i>All causes</i>	117	
Port Dickson	1. <i>Ischaemic heart diseases</i>	132	18.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	102	42.1
	2. <i>Diabetes mellitus</i>	75	10.4	Darah tinggi <i>Hypertension</i>	22	9.1
	3. <i>Pneumonia</i>	49	6.8	Kencing manis <i>Diabetes mellitus</i>	20	8.3
	4. <i>Transport accidents</i>	27	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	4.1
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	22	3.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	3.3
	Keseluruhan sebab <i>All causes</i>	720		Keseluruhan sebab <i>All causes</i>	242	
Rembau	1. <i>Diabetes mellitus</i>	73	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	43	70.5
	2. <i>Ischaemic heart diseases</i>	36	8.8	Darah tinggi <i>Hypertension</i>	3	4.9
	3. <i>Pneumonia</i>	19	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	3.3
	4. <i>Stroke not known if ischaemic or haemorrhagic</i>	17	4.1	Barah hati <i>Liver cancer</i>	1	1.6
	5. <i>Transport accidents</i>	16	3.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.6
	Keseluruhan sebab <i>All causes</i>	410		Keseluruhan sebab <i>All causes</i>	61	

Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2024 (samb.)

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Seremban	1. Ischaemic heart diseases	383	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	751	59.2
	2. Pneumonia	237	8.2	Kencing manis <i>Diabetes mellitus</i>	46	3.6
	3. Diabetes mellitus	231	8.0	Darah tinggi <i>Hypertension</i>	28	2.2
	4. Transport accidents	107	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	28	2.2
	5. Malignant neoplasms of bronchus or lung	65	2.2	Barah payudara <i>Breast cancer</i>	27	2.1
	Keseluruhan sebab <i>All causes</i>	2,894		Keseluruhan sebab <i>All causes</i>	1,268	
Tampin	1. Diabetes mellitus	97	17.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	116	58.6
	2. Ischaemic heart diseases	63	11.1	Kencing manis <i>Diabetes mellitus</i>	8	4.0
	3. Pneumonia	51	9.0	Darah tinggi <i>Hypertension</i>	7	3.5
	4. Stroke not known if ischaemic or haemorrhagic	20	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	3.5
	5. Transport accidents	19	3.3	Barah hati <i>Liver cancer</i>	5	2.5
	Keseluruhan sebab <i>All causes</i>	569		Keseluruhan sebab <i>All causes</i>	198	
Jempol	1. Ischaemic heart diseases	105	12.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	213	70.5
	2. Diabetes mellitus	90	10.6	Kencing manis <i>Diabetes mellitus</i>	9	3.0
	3. Pneumonia	68	8.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	3.0
	4. Transport accidents	41	4.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	2.0
	5. Stroke not known if ischaemic or haemorrhagic	21	2.5	Darah tinggi <i>Hypertension</i>	6	2.0
	Keseluruhan sebab <i>All causes</i>	853		Keseluruhan sebab <i>All causes</i>	302	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2024

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Pahang	1. Ischaemic heart diseases		953	13.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,494	45.1
	2. Pneumonia		908	12.6	Kencing manis Diabetes mellitus			178	5.4
	3. Diabetes mellitus		339	4.7	Penyakit serebrovaskular Cerebrovascular diseases			163	4.9
	4. Transport accidents		290	4.0	Darah tinggi Hypertension			152	4.6
	5. Kidney failure		223	3.1	Penyakit jantung iskemia Ischaemic heart diseases			140	4.2
	Keseluruhan sebab All causes		7,204		Keseluruhan sebab All causes			3,312	
Bentong	1. Ischaemic heart diseases		164	24.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			75	47.5
	2. Pneumonia		85	12.6	Penyakit jantung iskemia Ischaemic heart diseases			9	5.7
	3. Diabetes mellitus		34	5.0	Darah tinggi Hypertension			8	5.1
	4. Malignant neoplasms of bronchus or lung		22	3.3	Penyakit serebrovaskular Cerebrovascular diseases			7	4.4
	5. Intracranial haemorrhage		13	1.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			6	3.8
	Keseluruhan sebab All causes		676		Keseluruhan sebab All causes			158	
Cameron Highlands	1. Ischaemic heart diseases		24	17.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			41	52.6
	2. Pneumonia		9	6.5	Penyakit jantung iskemia Ischaemic heart diseases			7	9.0
	3. Intentional self-harm		7	5.1	Radang paru-paru Pneumonia			4	5.1
	4. Intracranial haemorrhage		5	3.6	Kencing manis Diabetes mellitus			3	3.8
	5. Malignant neoplasms of bronchus or lung		5	3.6	Barah bibir, dalam mulut dan tekak Lips, oral and throat cancer			2	2.6
	Keseluruhan sebab All causes		138		Keseluruhan sebab All causes			78	
Jerantut	1. Pneumonia		101	14.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			68	64.2
	2. Ischaemic heart diseases		75	10.9	Penyakit jantung iskemia Ischaemic heart diseases			4	3.8
	3. Diabetes mellitus		55	8.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			2	1.9
	4. Stroke not known if ischaemic or haemorrhagic		52	7.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			2	1.9
	5. Transport accidents		19	2.8	Penyakit serebrovaskular Cerebrovascular diseases			2	1.9
	Keseluruhan sebab All causes		689		Keseluruhan sebab All causes			106	
Kuantan	1. Pneumonia		193	11.5	Sakit tua 65 tahun dan lebih Old age 65 years and over			469	45.8
	2. Ischaemic heart diseases		176	10.5	Kencing manis Diabetes mellitus			56	5.5
	3. Transport accidents		82	4.9	Darah tinggi Hypertension			45	4.4
	4. Kidney failure		76	4.5	Penyakit jantung iskemia Ischaemic heart diseases			41	4.0
	5. Diabetes mellitus		48	2.9	Penyakit serebrovaskular Cerebrovascular diseases			40	3.9
	Keseluruhan sebab All causes		1,672		Keseluruhan sebab All causes			1,023	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2024 (samb.)

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Lipis	1. Ischaemic heart diseases	52	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	110	47.4
	2. Pneumonia	47	13.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	19	8.2
	3. Transport accidents	13	3.7	Radang paru-paru <i>Pneumonia</i>	14	6.0
	4. Chronic obstructive pulmonary disease	12	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	4.3
	5. Intracranial haemorrhage	12	3.4	Darah tinggi <i>Hypertension</i>	6	2.6
	Keseluruhan sebab <i>All causes</i>	350		Keseluruhan sebab <i>All causes</i>	232	
Pekan	1. Pneumonia	73	12.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	61	21.5
	2. Ischaemic heart diseases	54	9.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	23	8.1
	3. Kidney failure	31	5.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22	7.7
	4. Transport accidents	24	4.1	Darah tinggi <i>Hypertension</i>	19	6.7
	5. Diabetes mellitus	23	3.9	Kencing manis <i>Diabetes mellitus</i>	15	5.3
	Keseluruhan sebab <i>All causes</i>	592		Keseluruhan sebab <i>All causes</i>	284	
Raub	1. Ischaemic heart diseases	77	16.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	167	63.7
	2. Pneumonia	47	9.9	Kencing manis <i>Diabetes mellitus</i>	11	4.2
	3. Diabetes mellitus	22	4.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	2.3
	4. Transport accidents	20	4.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	5	1.9
	5. Stroke not known if ischaemic or haemorrhagic	13	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.9
	Keseluruhan sebab <i>All causes</i>	474		Keseluruhan sebab <i>All causes</i>	262	
Temerloh	1. Pneumonia	108	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	258	51.2
	2. Ischaemic heart diseases	105	13.1	Kencing manis <i>Diabetes mellitus</i>	34	6.7
	3. Diabetes mellitus	40	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	3.8
	4. Transport accidents	36	4.5	Darah tinggi <i>Hypertension</i>	18	3.6
	5. Stroke not known if ischaemic or haemorrhagic	30	3.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	14	2.8
	Keseluruhan sebab <i>All causes</i>	800		Keseluruhan sebab <i>All causes</i>	504	
Rompin	1. Pneumonia	77	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	114	42.2
	2. Ischaemic heart diseases	53	10.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	4.8
	3. Transport accidents	35	6.7	Kencing manis <i>Diabetes mellitus</i>	12	4.4
	4. Kidney failure	24	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	4.4
	5. Diabetes mellitus	14	2.7	Darah tinggi <i>Hypertension</i>	8	3.0
	Keseluruhan sebab <i>All causes</i>	526		Keseluruhan sebab <i>All causes</i>	270	

Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2024 (samb.)

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2024 (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>	%
Maran	1. <i>Ischaemic heart diseases</i>	116	14.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			78	41.3	
	2. <i>Pneumonia</i>	83	10.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			17	9.0	
	3. <i>Diabetes mellitus</i>	49	6.2	Kencing manis <i>Diabetes mellitus</i>			16	8.5	
	4. <i>Transport accidents</i>	29	3.7	Darah tinggi <i>Hypertension</i>			11	5.8	
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	27	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>			4	2.1	
	Keseluruhan sebab <i>All causes</i>		786	Keseluruhan sebab <i>All causes</i>			189		
Bera	1. <i>Pneumonia</i>	85	17.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			53	25.7	
	2. <i>Ischaemic heart diseases</i>	57	11.4	Darah tinggi <i>Hypertension</i>			32	15.5	
	3. <i>Diabetes mellitus</i>	42	8.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			26	12.6	
	4. <i>Transport accidents</i>	17	3.4	Kencing manis <i>Diabetes mellitus</i>			22	10.7	
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	14	2.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>			7	3.4	
	Keseluruhan sebab <i>All causes</i>		501	Keseluruhan sebab <i>All causes</i>			206		

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2024

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2024

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>			Bil. No.	%
Perak	1. <i>Pneumonia</i>	1,738	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			5,437	59.5	
	2. <i>Ischaemic heart diseases</i>	1,349	11.4	Kencing manis <i>Diabetes mellitus</i>			440	4.8	
	3. <i>Transport accidents</i>	410	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			327	3.6	
	4. <i>Intracranial haemorrhage</i>	337	2.9	Darah tinggi <i>Hypertension</i>			325	3.6	
	5. <i>Kidney failure</i>	319	2.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>			143	1.6	
	Keseluruhan sebab <i>All causes</i>		11,811	Keseluruhan sebab <i>All causes</i>			9,137		
Batang Padang	1. <i>Pneumonia</i>	84	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			311	61.3	
	2. <i>Ischaemic heart diseases</i>	64	10.4	Kencing manis <i>Diabetes mellitus</i>			18	3.6	
	3. <i>Transport accidents</i>	28	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			17	3.4	
	4. <i>Kidney failure</i>	25	4.1	Darah tinggi <i>Hypertension</i>			9	1.8	
	5. <i>Intracranial haemorrhage</i>	15	2.4	Barah hati <i>Livercancer</i>			8	1.6	
	Keseluruhan sebab <i>All causes</i>		614	Keseluruhan sebab <i>All causes</i>			507		
Manjung	1. <i>Ischaemic heart diseases</i>	119	10.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			444	69.2	
	2. <i>Pneumonia</i>	101	8.8	Kencing manis <i>Diabetes mellitus</i>			23	3.6	
	3. <i>Transport accidents</i>	50	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			18	2.8	
	4. <i>Diabetes mellitus</i>	49	4.2	Darah tinggi <i>Hypertension</i>			13	2.0	
	5. <i>Malignant neoplasms of bronchus or lung</i>	32	2.8	Barah hati <i>Livercancer</i>			9	1.4	
	Keseluruhan sebab <i>All causes</i>		1,154	Keseluruhan sebab <i>All causes</i>			642		
Kinta	1. <i>Pneumonia</i>	508	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			1,890	60.8	
	2. <i>Ischaemic heart diseases</i>	380	10.5	Darah tinggi <i>Hypertension</i>			139	4.5	
	3. <i>Intracranial haemorrhage</i>	129	3.6	Kencing manis <i>Diabetes mellitus</i>			116	3.7	
	4. <i>Transport accidents</i>	109	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			77	2.5	
	5. <i>Malignant neoplasms of bronchus or lung</i>	83	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>			61	2.0	
	Keseluruhan sebab <i>All causes</i>		3,629	Keseluruhan sebab <i>All causes</i>			3,109		
Kerian	1. <i>Pneumonia</i>	158	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			562	62.8	
	2. <i>Ischaemic heart diseases</i>	72	8.5	Kencing manis <i>Diabetes mellitus</i>			55	6.1	
	3. <i>Kidney failure</i>	28	3.3	Darah tinggi <i>Hypertension</i>			29	3.2	
	4. <i>Transport accidents</i>	28	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			26	2.9	
	5. <i>Diabetes mellitus</i>	26	3.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>			15	1.7	
	Keseluruhan sebab <i>All causes</i>		849	Keseluruhan sebab <i>All causes</i>			895		

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2024 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kuala Kangsar	1. <i>Pneumonia</i>	175	18.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	459	65.9
	2. <i>Ischaemic heart diseases</i>	127	13.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	28	4.0
	3. <i>Transport accidents</i>	24	2.6	Kencing manis <i>Diabetes mellitus</i>	21	3.0
	4. <i>Intracranial haemorrhage</i>	22	2.4	Barah payudara <i>Breast cancer</i>	10	1.4
	5. <i>Cerebral ischaemia</i>	21	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	1.3
	Keseluruhan sebab <i>All causes</i>	933		Keseluruhan sebab <i>All causes</i>	697	
Larut & Matang	1. <i>Pneumonia</i>	282	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	545	51.5
	2. <i>Ischaemic heart diseases</i>	189	11.9	Kencing manis <i>Diabetes mellitus</i>	65	6.1
	3. <i>Diabetes mellitus</i>	59	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	49	4.6
	4. <i>Intracranial haemorrhage</i>	46	2.9	Darah tinggi <i>Hypertension</i>	35	3.3
	5. <i>Kidney failure</i>	45	2.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	18	1.7
	Keseluruhan sebab <i>All causes</i>	1,590		Keseluruhan sebab <i>All causes</i>	1,058	
Hilir Perak	1. <i>Pneumonia</i>	135	19.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	255	38.9
	2. <i>Ischaemic heart diseases</i>	98	14.1	Kencing manis <i>Diabetes mellitus</i>	62	9.5
	3. <i>Kidney failure</i>	39	5.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	46	7.0
	4. <i>Transport accidents</i>	28	4.0	Darah tinggi <i>Hypertension</i>	37	5.6
	5. <i>Diabetes mellitus</i>	27	3.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	22	3.4
	Keseluruhan sebab <i>All causes</i>	693		Keseluruhan sebab <i>All causes</i>	655	
Hulu Perak	1. <i>Ischaemic heart diseases</i>	66	12.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	136	59.6
	2. <i>Pneumonia</i>	50	9.2	Kencing manis <i>Diabetes mellitus</i>	11	4.8
	3. <i>Diabetes mellitus</i>	41	7.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	3.9
	4. <i>Metabolic disorders</i>	26	4.8	Darah tinggi <i>Hypertension</i>	7	3.1
	5. <i>Kidney failure</i>	18	3.3	Barah hati <i>Livercancer</i>	3	1.3
	Keseluruhan sebab <i>All causes</i>	544		Keseluruhan sebab <i>All causes</i>	228	
Perak Tengah	1. <i>Ischaemic heart diseases</i>	54	11.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	181	61.4
	2. <i>Pneumonia</i>	51	10.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	4.7
	3. <i>Transport accidents</i>	33	6.9	Darah tinggi <i>Hypertension</i>	12	4.1
	4. <i>Kidney failure</i>	13	2.7	Kencing manis <i>Diabetes mellitus</i>	11	3.7
	5. <i>Diabetes mellitus</i>	12	2.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	7	2.4
	Keseluruhan sebab <i>All causes</i>	479		Keseluruhan sebab <i>All causes</i>	295	

Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2024 (samb.)

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Kampar	1. <i>Pneumonia</i>	82	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	332	77.8
	2. <i>Ischaemic heart diseases</i>	44	8.8	Kencing manis <i>Diabetes mellitus</i>	10	2.3
	3. <i>Transport accidents</i>	14	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.2
	4. <i>Kidney failure</i>	12	2.4	Barah hati <i>Liver cancer</i>	4	0.9
	5. <i>Intracranial haemorrhage</i>	11	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	0.7
	Keseluruhan sebab <i>All causes</i>	501		Keseluruhan sebab <i>All causes</i>	427	
Muallim	1. <i>Ischaemic heart diseases</i>	48	20.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	93	51.1
	2. <i>Pneumonia</i>	22	9.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	6.6
	3. <i>Kidney failure</i>	11	4.7	Kencing manis <i>Diabetes mellitus</i>	9	4.9
	4. <i>Transport accidents</i>	11	4.7	Darah tinggi <i>Hypertension</i>	8	4.4
	5. <i>Cerebral ischaemia</i>	5	2.1	Lelah <i>Asthma</i>	4	2.2
	Keseluruhan sebab <i>All causes</i>	235		Keseluruhan sebab <i>All causes</i>	182	
Bagan Datuk	1. <i>Pneumonia</i>	58	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	153	59.1
	2. <i>Ischaemic heart diseases</i>	51	16.0	Kencing manis <i>Diabetes mellitus</i>	17	6.6
	3. <i>Diabetes mellitus</i>	21	6.6	Darah tinggi <i>Hypertension</i>	13	5.0
	4. <i>Transport accidents</i>	14	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	3.1
	5. <i>Kidney failure</i>	13	4.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	5	1.9
	Keseluruhan sebab <i>All causes</i>	318		Keseluruhan sebab <i>All causes</i>	259	
Selama	1. <i>Ischaemic heart diseases</i>	37	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	76	41.5
	2. <i>Pneumonia</i>	32	11.8	Kencing manis <i>Diabetes mellitus</i>	22	12.0
	3. <i>Diabetes mellitus</i>	15	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	9.8
	4. <i>Transport accidents</i>	15	5.5	Darah tinggi <i>Hypertension</i>	12	6.6
	5. <i>Stroke not known if ischaemic or haemorrhagic</i>	10	3.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	4	2.2
	Keseluruhan sebab <i>All causes</i>	272		Keseluruhan sebab <i>All causes</i>	183	

Jadual 1.33: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perlis, 2024

Table 1.33: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perlis, 2024

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>			Bil. No.	%		
Pertis	1. <i>Ischaemic heart diseases</i>	248	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			157	32.9			
	2. <i>Pneumonia</i>	190	10.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>			47	9.9			
	3. <i>Diabetes mellitus</i>	117	6.6	Kencing manis <i>Diabetes mellitus</i>			45	9.4			
	4. <i>Stroke not known if ischaemic or haemorrhagic</i>	92	5.2	Darah tinggi <i>Hypertension</i>			40	8.4			
	5. <i>Kidney failure</i>	54	3.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			27	5.7			
	Keseluruhan sebab <i>All causes</i>			1,761			Keseluruhan sebab <i>All causes</i>			477	

Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2025

Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2024

Disahkan secara perubatan Medically certified				Tidak disahkan secara perubatan Non-medically certified			
Bil. No.				Bil. No.			
%				%			
Pulau Pinang	1. Ischaemic heart diseases	1,146	12.4	Sakit tua 65 tahun dan lebih Old age 65 years and over		2,030	57.6
	2. Pneumonia	1,028	11.2	Darah tinggi Hypertension		166	4.7
	3. Diabetes mellitus	467	5.1	Kencing manis Diabetes mellitus		164	4.7
	4. Kidney failure	363	3.9	Penyakit serebrovaskular Cerebrovascular diseases		135	3.8
	5. Transport accidents	290	3.2	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		63	1.8
	Keseluruhan sebab All causes		9,206	Keseluruhan sebab All causes		3,522	
Seberang Perai Tengah	1. Pneumonia	216	11.3	Sakit tua 65 tahun dan lebih Old age 65 years and over		637	66.8
	2. Ischaemic heart diseases	211	11.1	Kencing manis Diabetes mellitus		38	4.0
	3. Diabetes mellitus	91	4.8	Penyakit serebrovaskular Cerebrovascular diseases		22	2.3
	4. Kidney failure	67	3.5	Darah tinggi Hypertension		20	2.1
	5. Transport accidents	67	3.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		12	1.3
	Keseluruhan sebab All causes		1,905	Keseluruhan sebab All causes		953	
Seberang Perai Utara	1. Ischaemic heart diseases	235	13.1	Sakit tua 65 tahun dan lebih Old age 65 years and over		504	65.0
	2. Pneumonia	192	10.7	Kencing manis Diabetes mellitus		33	4.3
	3. Diabetes mellitus	120	6.7	Penyakit serebrovaskular Cerebrovascular diseases		30	3.9
	4. Transport accidents	73	4.1	Darah tinggi Hypertension		21	2.7
	5. Kidney failure	71	3.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		17	2.2
	Keseluruhan sebab All causes		1,799	Keseluruhan sebab All causes		775	
Seberang Perai Selatan	1. Ischaemic heart diseases	125	12.2	Sakit tua 65 tahun dan lebih Old age 65 years and over		224	63.6
	2. Pneumonia	82	8.0	Kencing manis Diabetes mellitus		15	4.3
	3. Diabetes mellitus	62	6.0	Penyakit serebrovaskular Cerebrovascular diseases		12	3.4
	4. Transport accidents	47	4.6	Darah tinggi Hypertension		8	2.3
	5. Stroke not known if ischaemic or haemorrhagic	41	4.0	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		5	1.4
	Keseluruhan sebab All causes		1,028	Keseluruhan sebab All causes		352	
Timur Laut	1. Pneumonia	408	12.7	Sakit tua 65 tahun dan lebih Old age 65 years and over		587	51.5
	2. Ischaemic heart diseases	398	12.4	Darah tinggi Hypertension		71	6.2
	3. Kidney failure	137	4.3	Kencing manis Diabetes mellitus		54	4.7
	4. Diabetes mellitus	120	3.7	Penyakit serebrovaskular Cerebrovascular diseases		47	4.1
	5. Malignant neoplasms of bronchus or lung	89	2.8	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		24	2.1
	Keseluruhan sebab All causes		3,204	Keseluruhan sebab All causes		1,140	

Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2024 (samb.)
 Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2024 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>			Bil. No.	%
Barat Daya	1. <i>Ischaemic heart diseases</i>	177	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	78	25.8			
	2. <i>Pneumonia</i>	130	10.2	Darah tinggi <i>Hypertension</i>	46	15.2			
	3. <i>Diabetes mellitus</i>	74	5.8	Kencing manis <i>Diabetes mellitus</i>	24	7.9			
	4. <i>Kidney failure</i>	52	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	24	7.9			
	5. <i>Transport accidents</i>	40	3.1	Radang paru-paru <i>Pneumonia</i>	11	3.6			
	Keseluruhan sebab <i>All causes</i>			1,270	Keseluruhan sebab <i>All causes</i>			302	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024

Disahkan secara perubatan Medically certified				Tidak disahkan secara perubatan Non-medically certified			
		Bil. No.	%			Bil. No.	%
Sabah	1. Pneumonia	801	9.9	Sakit tua 65 tahun dan lebih Old age 65 years and over		2,091	24.9
	2. Ischaemic heart diseases	409	5.1	Penyakit serebrovaskular Cerebrovascular diseases		171	2.0
	3. Kidney failure	274	3.4	Darah tinggi Hypertension		120	1.4
	4. Transport accidents	209	2.6	Kencing manis Diabetes mellitus		101	1.2
	5. Intracranial haemorrhage	199	2.5	Lelah Asthma		48	0.6
	Keseluruhan sebab All causes		8,077	Keseluruhan sebab All causes		8,395	
Tawau	1. Pneumonia	73	11.2	Sakit tua 65 tahun dan lebih Old age 65 years and over		342	36.5
	2. Ischaemic heart diseases	58	8.9	Penyakit serebrovaskular Cerebrovascular diseases		4	0.4
	3. Malignant neoplasms of bronchus or lung	21	3.2	Lelah Asthma		2	0.2
	4. Malignant neoplasms of breast	17	2.6	Barah hati Liver cancer		2	0.2
	5. Intracranial haemorrhage	15	2.3	Tibi/Batuk kering Tuberculosis		2	0.2
	Keseluruhan sebab All causes		654	Keseluruhan sebab All causes		938	
Lahad Datu	1. Pneumonia	28	9.1	Sakit tua 65 tahun dan lebih Old age 65 years and over		105	21.7
	2. Ischaemic heart diseases	20	6.5	Penyakit serebrovaskular Cerebrovascular diseases		16	3.3
	3. Transport accidents	14	4.6	Darah tinggi Hypertension		14	2.9
	4. Malignant neoplasms of bronchus or lung	8	2.6	Kencing manis Diabetes mellitus		12	2.5
	5. Malignant neoplasms of large intestine, anus, and anal canal	8	2.6	Penyakit jantung iskemia Ischaemic heart diseases		5	1.0
	Keseluruhan sebab All causes		307	Keseluruhan sebab All causes		483	
Semporna	1. Pneumonia	38	11.4	Sakit tua 65 tahun dan lebih Old age 65 years and over		136	30.4
	2. Transport accidents	12	3.6	Kencing manis Diabetes mellitus		6	1.3
	3. Ischaemic heart diseases	9	2.7	Penyakit serebrovaskular Cerebrovascular diseases		6	1.3
	4. Kidney failure	9	2.7	Barah hati Liver cancer		3	0.7
	5. Chronic obstructive pulmonary disease	8	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		3	0.7
	Keseluruhan sebab All causes		333	Keseluruhan sebab All causes		447	
Sandakan	1. Ischaemic heart diseases	68	7.6	Sakit tua 65 tahun dan lebih Old age 65 years and over		227	27.8
	2. Pneumonia	65	7.3	Penyakit serebrovaskular Cerebrovascular diseases		19	2.3
	3. Diabetes mellitus	38	4.3	Darah tinggi Hypertension		16	2.0
	4. Kidney failure	31	3.5	Kencing manis Diabetes mellitus		6	0.7
	5. Malignant neoplasms of large intestine, anus, and anal canal	30	3.4	Lelah Asthma		5	0.6
	Keseluruhan sebab All causes		890	Keseluruhan sebab All causes		816	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Kinabatangan	1. Ischaemic heart diseases		12	13.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			29	17.0
	2. Hypertensive renal disease		4	4.4	Penyakit serebrovaskular Cerebrovascular diseases			5	2.9
	3. Kidney failure		4	4.4	Anemia Anaemias			1	0.6
	4. Pneumonia		4	4.4	Lelah Asthma			1	0.6
	5. Transport accidents		4	4.4	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer			1	0.6
	Keseluruhan sebab All causes		91		Keseluruhan sebab All causes		171		
Beluran	1. Ischaemic heart diseases		16	11.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			55	23.2
	2. Pneumonia		13	9.6	Penyakit serebrovaskular Cerebrovascular diseases			3	1.3
	3. Kidney failure		7	5.1	Darah tinggi Hypertension			2	0.8
	4. Malignant neoplasms of bronchus or lung		4	2.9	Penyakit jantung iskemia Ischaemic heart diseases			2	0.8
	5. Metabolic disorders		4	2.9	Radang paru-paru Pneumonia			2	0.8
	Keseluruhan sebab All causes		136		Keseluruhan sebab All causes		237		
Kota Kinabalu	1. Pneumonia		110	9.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			182	15.3
	2. Ischaemic heart diseases		63	5.6	Penyakit serebrovaskular Cerebrovascular diseases			26	2.2
	3. Malignant neoplasms of bronchus or lung		40	3.5	Darah tinggi Hypertension			18	1.5
	4. Malignant neoplasms of large intestine, anus, and anal canal		38	3.4	Kencing manis Diabetes mellitus			12	1.0
	5. Kidney failure		35	3.1	Radang paru-paru Pneumonia			12	1.0
	Keseluruhan sebab All causes		1,134		Keseluruhan sebab All causes		1,189		
Ranau	1. Pneumonia		28	8.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			73	20.4
	2. Kidney failure		17	5.3	Penyakit serebrovaskular Cerebrovascular diseases			2	0.6
	3. Intracranial haemorrhage		10	3.1	Barah perut Stomach cancer			1	0.3
	4. Malignant neoplasms of liver or intrahepatic bile ducts		9	2.8	Darah tinggi Hypertension			1	0.3
	5. Malignant neoplasms of bronchus or lung		8	2.5	Demam Fever			1	0.3
	Keseluruhan sebab All causes		319		Keseluruhan sebab All causes		357		
Kota Belud	1. Pneumonia		31	8.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			116	32.0
	2. Kidney failure		15	4.1	Darah tinggi Hypertension			10	2.8
	3. Malignant neoplasms of large intestine, anus, and anal canal		12	3.2	Kencing manis Diabetes mellitus			5	1.4
	4. Chronic obstructive pulmonary disease		9	2.4	Penyakit serebrovaskular Cerebrovascular diseases			4	1.1
	5. Intracranial haemorrhage		9	2.4	Paru-paru berair Pulmonary edema			2	0.6
	Keseluruhan sebab All causes		370		Keseluruhan sebab All causes		362		

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Tuaran	1. Pneumonia		56	12.5	Sakit tua 65 tahun dan lebih Old age 65 years and over			135	29.0
	2. Ischaemic heart diseases		25	5.6	Penyakit serebrovaskular Cerebrovascular diseases			8	1.7
	3. Intracranial haemorrhage		17	3.8	Darah tinggi Hypertension			6	1.3
	4. Kidney failure		12	2.7	Lelah Asthma			5	1.1
	5. Malignant neoplasms of breast		12	2.7	Kencing manis Diabetes mellitus			4	0.9
	Keseluruhan sebab All causes		447		Keseluruhan sebab All causes		466		
Penampang	1. Pneumonia		43	12.6	Sakit tua 65 tahun dan lebih Old age 65 years and over			38	12.9
	2. Ischaemic heart diseases		19	5.6	Darah tinggi Hypertension			11	3.7
	3. Kidney failure		13	3.8	Kencing manis Diabetes mellitus			9	3.1
	4. Intracranial haemorrhage		10	2.9	Penyakit serebrovaskular Cerebrovascular diseases			9	3.1
	5. Malignant neoplasms of bronchus or lung		8	2.3	Lelah Asthma			2	0.7
	Keseluruhan sebab All causes		342		Keseluruhan sebab All causes		294		
Papar	1. Pneumonia		51	10.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			80	21.4
	2. Ischaemic heart diseases		19	3.7	Kencing manis Diabetes mellitus			10	2.7
	3. Intracranial haemorrhage		15	3.0	Penyakit serebrovaskular Cerebrovascular diseases			6	1.6
	4. Kidney failure		15	3.0	Darah tinggi Hypertension			5	1.3
	5. Cerebral ischaemia		13	2.6	Lelah Asthma			3	0.8
	Keseluruhan sebab All causes		507		Keseluruhan sebab All causes		374		
Kudat	1. Pneumonia		30	9.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			69	23.3
	2. Kidney failure		16	5.0	Lelah Asthma			3	1.0
	3. Malignant neoplasms of bronchus or lung		11	3.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			2	0.7
	4. Malignant neoplasms of large intestine, anus, and anal canal		9	2.8	Darah tinggi Hypertension			2	0.7
	5. Stroke not known if ischaemic or haemorrhagic		9	2.8	Penyakit jantung iskemia Ischaemic heart diseases			2	0.7
	Keseluruhan sebab All causes		323		Keseluruhan sebab All causes		296		
Kota Marudu	1. Pneumonia		28	10.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			33	13.4
	2. Transport accidents		14	5.4	Darah tinggi Hypertension			11	4.5
	3. Metabolic disorders		10	3.9	Lelah Asthma			9	3.7
	4. Intracranial haemorrhage		9	3.5	Penyakit serebrovaskular Cerebrovascular diseases			8	3.3
	5. Chronic obstructive pulmonary disease		8	3.1	Kencing manis Diabetes mellitus			5	2.0
	Keseluruhan sebab All causes		257		Keseluruhan sebab All causes		246		

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Pitas	1. Pneumonia	15	11.0	Sakit tua 65 tahun dan lebih Old age 65 years and over				60	41.1
	2. Ischaemic heart diseases	6	4.4	Kencing manis Diabetes mellitus				2	1.4
	3. Metabolic disorders	5	3.7	Penyakit jantung iskemia Ischaemic heart diseases				2	1.4
	4. Stroke not known if ischaemic or haemorrhagic	5	3.7	Penyakit serebrovaskular Cerebrovascular diseases				1	0.7
	5. Kidney failure	4	2.9	-					
	Keseluruhan sebab All causes			136	Keseluruhan sebab All causes				146
Beaufort	1. Pneumonia	31	9.3	Sakit tua 65 tahun dan lebih Old age 65 years and over				108	32.8
	2. Kidney failure	20	6.0	Kencing manis Diabetes mellitus				8	2.4
	3. Ischaemic heart diseases	12	3.6	Penyakit serebrovaskular Cerebrovascular diseases				5	1.5
	4. Transport accidents	12	3.6	Darah tinggi Hypertension				3	0.9
	5. Malignant neoplasms of bronchus or lung	11	3.3	Radang paru-paru Pneumonia				3	0.9
	Keseluruhan sebab All causes			334	Keseluruhan sebab All causes				329
Kuala Penyu	1. Pneumonia	12	12.9	Sakit tua 65 tahun dan lebih Old age 65 years and over				21	28.8
	2. Ischaemic heart diseases	6	6.5	Kencing manis Diabetes mellitus				2	2.7
	3. Chronic obstructive pulmonary disease	5	5.4	Penyakit jantung iskemia Ischaemic heart diseases				2	2.7
	4. Kidney failure	4	4.3	-					
	5. Malignant neoplasms of large intestine, anus, and anal canal	3	3.2	-					
	Keseluruhan sebab All causes			93	Keseluruhan sebab All causes				73
Sipitang	1. Pneumonia	14	11.2	Sakit tua 65 tahun dan lebih Old age 65 years and over				22	28.2
	2. Kidney failure	9	7.2	Kencing manis Diabetes mellitus				2	2.6
	3. Diabetes mellitus	7	5.6	Mati Lemas Drowning				1	1.3
	4. Intracranial haemorrhage	6	4.8	-					
	5. Metabolic disorders	5	4.0	-					
	Keseluruhan sebab All causes			125	Keseluruhan sebab All causes				78
Tenom	1. Pneumonia	20	10.0	Sakit tua 65 tahun dan lebih Old age 65 years and over				49	30.2
	2. Intracranial haemorrhage	9	4.5	Kencing manis Diabetes mellitus				5	3.1
	3. Ischaemic heart diseases	7	3.5	Penyakit serebrovaskular Cerebrovascular diseases				4	2.5
	4. Kidney failure	7	3.5	Lelah Asthma				2	1.2
	5. Tuberculosis of the respiratory system	7	3.5	Darah tinggi Hypertension				2	1.2
	Keseluruhan sebab All causes			201	Keseluruhan sebab All causes				162

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Nabawan	1. Heart failure	6	9.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	20	50.0
	2. Ischaemic heart diseases	5	7.7	Darah tinggi Hypertension	2	5.0
	3. Intracranial haemorrhage	3	4.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	2.5
	4. Kidney failure	3	4.6	Kencing manis Diabetes mellitus	1	2.5
	5. Pneumonia	3	4.6	Penyakit serebrovaskular Cerebrovascular diseases	1	2.5
	Keseluruhan sebab All causes	65		Keseluruhan sebab All causes	40	
Keningau	1. Pneumonia	44	10.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	85	24.1
	2. Intracranial haemorrhage	16	3.6	Penyakit serebrovaskular Cerebrovascular diseases	20	5.7
	3. Transport accidents	16	3.6	Darah tinggi Hypertension	7	2.0
	4. Ischaemic heart diseases	13	2.9	Penyakit jantung iskemia Ischaemic heart diseases	5	1.4
	5. Cerebral ischaemia	12	2.7	Lelah Asthma	4	1.1
	Keseluruhan sebab All causes	441		Keseluruhan sebab All causes	353	
Tambunan	1. Pneumonia	16	11.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	19	23.5
	2. Malignant neoplasms of large intestine, anus, and anal canal	8	5.6	Penyakit serebrovaskular Cerebrovascular diseases	7	8.6
	3. Kidney failure	7	4.9	Darah tinggi Hypertension	3	3.7
	4. Transport accidents	7	4.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	1.2
	5. Intracranial haemorrhage	5	3.5	Barah payudara Breast cancer	1	1.2
	Keseluruhan sebab All causes	144		Keseluruhan sebab All causes	81	
Kunak	1. Pneumonia	12	9.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	23	19.0
	2. Ischaemic heart diseases	6	4.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	2	1.7
	3. Diabetes mellitus	5	3.8	Penyakit serebrovaskular Cerebrovascular diseases	2	1.7
	4. Malignant neoplasms of breast	5	3.8	Lelah Asthma	1	0.8
	5. Transport accidents	5	3.8	Barah pankreas Pancreas cancer	1	0.8
	Keseluruhan sebab All causes	133		Keseluruhan sebab All causes	121	
Tongod	1. Pneumonia	8	11.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	12	18.8
	2. Intracranial haemorrhage	3	4.3	Penyakit serebrovaskular Cerebrovascular diseases	8	12.5
	3. Ischaemic heart diseases	3	4.3	Lelah Asthma	1	1.6
	4. Transport accidents	3	4.3	-		
	5. Cerebral ischaemia	2	2.9	-		
	Keseluruhan sebab All causes	70		Keseluruhan sebab All causes	64	

Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2024 (samb.)

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Putatan	1. Pneumonia	18	11.8	Sakit tua 65 tahun dan lebih Old age 65 years and over				21	14.9
	2. Ischaemic heart diseases	9	5.9	Kencing manis Diabetes mellitus				4	2.8
	3. Kidney failure	9	5.9	Penyakit serebrovaskular Cerebrovascular diseases				4	2.8
	4. Malignant neoplasms of large intestine, anus, and anal canal	5	3.3	Darah tinggi Hypertension				3	2.1
	5. Tuberculosis of the respiratory system	5	3.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer				2	1.4
	Keseluruhan sebab All causes		152	Keseluruhan sebab All causes					
Telupid	1. Pneumonia	3	12.0	Sakit tua 65 tahun dan lebih Old age 65 years and over				11	23.9
	2. Kidney failure	2	8.0	Barah pangkal rahim Cervix cancer				1	2.2
	3. Alcoholic liver disease	1	4.0	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water				1	2.2
	4. Heart failure	1	4.0	Penyakit serebrovaskular Cerebrovascular diseases				1	2.2
	5. Ischaemic heart diseases	1	4.0	-					
	Keseluruhan sebab All causes		25	Keseluruhan sebab All causes					
Kalabakan	1. Pneumonia	7	14.6	Sakit tua 65 tahun dan lebih Old age 65 years and over				20	23.5
	2. Malignant neoplasms of breast	2	4.2	Barah kolon, rektum dan dubur Colon, rectum and anus cancer				1	1.2
	3. Neoplasms of brain or central nervous system	2	4.2	-					
	4. Transport accidents	2	4.2	-					
	5. Tuberculosis of the respiratory system	2	4.2	-					
	Keseluruhan sebab All causes		48	Keseluruhan sebab All causes					

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024

Disahkan secara perubatan Medically certified			Bil. No.		Tidak disahkan secara perubatan Non-medically certified		Bil. No.		
			%				%		
Sarawak	1. Pneumonia	787	9.9	Sakit tua 65 tahun dan lebih Old age 65 years and over				48	0.6
	2. Ischaemic heart diseases	614	7.7	Darah tinggi Hypertension				6	0.1
	3. Kidney failure	292	3.7	Penyakit jantung iskemia Ischaemic heart diseases				6	0.1
	4. Malignant neoplasms of bronchus or lung	247	3.1	Penyakit serebrovaskular Cerebrovascular diseases				6	0.1
	5. Intracranial haemorrhage	209	2.6	Kencing manis Diabetes mellitus				3	0.0
	Keseluruhan sebab All causes		7,947			Keseluruhan sebab All causes		8,496	
Kuching	1. Ischaemic heart diseases	147	8.5	Sakit tua 65 tahun dan lebih Old age 65 years and over				8	0.4
	2. Pneumonia	101	5.8	Darah tinggi Hypertension				5	0.3
	3. Kidney failure	89	5.1	Penyakit serebrovaskular Cerebrovascular diseases				4	0.2
	4. Malignant neoplasms of bronchus or lung	62	3.6	Barah kolon, rektum dan dubur Colon, rectum and anus cancer				1	0.1
	5. Malignant neoplasms of large intestine, anus, and anal canal	51	2.9	Barah sel darah putih Leukaemia				1	0.1
	Keseluruhan sebab All causes		1,729			Keseluruhan sebab All causes		1,822	
Bau	1. Pneumonia	19	7.9	-					
	2. Ischaemic heart diseases	16	6.6	-					
	3. Malignant neoplasms of bronchus or lung	9	3.7	-					
	4. Malignant neoplasms of large intestine, anus, and anal canal	8	3.3	-					
	5. Kidney failure	7	2.9	-					
	Keseluruhan sebab All causes		242			Keseluruhan sebab All causes		198	
Lundu	1. Kidney failure	7	5.9	Sakit tua 65 tahun dan lebih Old age 65 years and over				1	0.7
	2. Ischaemic heart diseases	6	5.0	-					
	3. Lymphoid Neoplasms	6	5.0	-					
	4. Chronic obstructive pulmonary disease	5	4.2	-					
	5. Malignant neoplasms of large intestine, anus, and anal canal	5	4.2	-					
	Keseluruhan sebab All causes		119			Keseluruhan sebab All causes		145	
Samarahan	1. Kidney failure	14	8.8	Sakit tua 65 tahun dan lebih Old age 65 years and over				1	0.6
	2. Ischaemic heart diseases	8	5.0	-					
	3. Malignant neoplasms of bronchus or lung	6	3.8	-					
	4. Diabetes mellitus	5	3.1	-					
	5. Malignant neoplasms of breast	4	2.5	-					
	Keseluruhan sebab All causes		159			Keseluruhan sebab All causes		170	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Serian	1. Ischaemic heart diseases	31	10.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	4	0.7
	2. Pneumonia	19	6.4	-		
	3. Kidney failure	14	4.7	-		
	4. Malignant neoplasms of bronchus or lung	14	4.7	-		
	5. Malignant neoplasms of large intestine, anus, and anal canal	11	3.7	-		
	Keseluruhan sebab All causes	299		Keseluruhan sebab All causes	539	
Simunjan	1. Ischaemic heart diseases	7	7.0	AIDS/HIV	1	0.4
	2. Pneumonia	5	5.0	-		
	3. Heart failure	4	4.0	-		
	4. Malignant neoplasms of bronchus or lung	3	3.0	-		
	5. Malignant neoplasms of lip, oral cavity or pharynx	3	3.0	-		
	Keseluruhan sebab All causes	100		Keseluruhan sebab All causes	235	
Sri Aman	1. Pneumonia	13	7.4	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer	1	0.3
	2. Ischaemic heart diseases	10	5.7	-		
	3. Malignant neoplasms of bronchus or lung	10	5.7	-		
	4. Metabolic disorders	7	4.0	-		
	5. Chronic obstructive pulmonary disease	6	3.4	-		
	Keseluruhan sebab All causes	176		Keseluruhan sebab All causes	375	
Lubok Antu	1. Pneumonia	7	9.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.5
	2. Kidney failure	4	5.3	-		
	3. Malignant neoplasms of large intestine, anus, and anal canal	4	5.3	-		
	4. Intracranial haemorrhage	3	3.9	-		
	5. Ischaemic heart diseases	3	3.9	-		
	Keseluruhan sebab All causes	76		Keseluruhan sebab All causes	188	
Betong	1. Pneumonia	22	12.4	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	0.5
	2. Ischaemic heart diseases	11	6.2	Penyakit jantung iskemia Ischaemic heart diseases	1	0.5
	3. Stroke not known if ischaemic or haemorrhagic	9	5.1	-		
	4. Chronic obstructive pulmonary disease	7	3.9	-		
	5. Kidney failure	7	3.9	-		
	Keseluruhan sebab All causes	178		Keseluruhan sebab All causes	213	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Saratok	1. Pneumonia	12	10.2	-		
	2. Ischaemic heart diseases	7	5.9	-		
	3. Diabetes mellitus	4	3.4	-		
	4. Heart failure	4	3.4	-		
	5. Malignant neoplasms of bronchus or lung	4	3.4	-		
	Keseluruhan sebab All causes	118		Keseluruhan sebab All causes	116	
Sarikel	1. Pneumonia	29	15.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	2	1.0
	2. Ischaemic heart diseases	13	6.9	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	1	0.5
	3. Kidney failure	10	5.3	-		
	4. Intracranial haemorrhage	7	3.7	-		
	5. Cerebral ischaemia	6	3.2	-		
	Keseluruhan sebab All causes	188		Keseluruhan sebab All causes	195	
Maradong	1. Pneumonia	15	14.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.7
	2. Ischaemic heart diseases	6	5.8	-		
	3. Intracranial haemorrhage	4	3.8	-		
	4. Kidney failure	4	3.8	-		
	5. Lymphoid Neoplasms	3	2.9	-		
	Keseluruhan sebab All causes	104		Keseluruhan sebab All causes	145	
Daro	1. Pneumonia	6	12.5	-		
	2. Cerebral ischaemia	4	8.3	-		
	3. Diabetes mellitus	2	4.2	-		
	4. Heart failure	2	4.2	-		
	5. Intracranial haemorrhage	2	4.2	-		
	Keseluruhan sebab All causes	48		Keseluruhan sebab All causes	128	
Julau	1. Ischaemic heart diseases	8	12.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	14	20.3
	2. Pneumonia	5	7.9	-		
	3. Cerebral ischaemia	4	6.3	-		
	4. Heart failure	3	4.8	-		
	5. Malignant neoplasms of breast	3	4.8	-		
	Keseluruhan sebab All causes	63		Keseluruhan sebab All causes	69	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Sibu	1. Pneumonia	110	11.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	2	0.4
	2. Ischaemic heart diseases	69	7.0	Barah pangkal rahim Cervix cancer	1	0.2
	3. Intracranial haemorrhage	34	3.5	Barah pankreas Pancreas cancer	1	0.2
	4. Malignant neoplasms of bronchus or lung	34	3.5	Kencing manis Diabetes mellitus	1	0.2
	5. Heart failure	27	2.7	Meningitis	1	0.2
	Keseluruhan sebab All causes	985		Keseluruhan sebab All causes	551	
Dalat	1. Ischaemic heart diseases	8	10.1	-		
	2. Pneumonia	7	8.9	-		
	3. Kidney failure	4	5.1	-		
	4. Alcoholic liver disease	2	2.5	-		
	5. Cerebral ischaemia	2	2.5	-		
	Keseluruhan sebab All causes	79		Keseluruhan sebab All causes	122	
Mukah	1. Pneumonia	12	10.8	-		
	2. Kidney failure	9	8.1	-		
	3. Ischaemic heart diseases	8	7.2	-		
	4. Heart failure	3	2.7	-		
	5. Intentional self-harm	3	2.7	-		
	Keseluruhan sebab All causes	111		Keseluruhan sebab All causes	185	
Kanowit	1. Pneumonia	17	10.9	Penyakit serebrovaskular Cerebrovascular diseases	1	0.5
	2. Ischaemic heart diseases	8	5.1	-		
	3. Kidney failure	7	4.5	-		
	4. Chronic obstructive pulmonary disease	6	3.8	-		
	5. Malignant neoplasms of breast	5	3.2	-		
	Keseluruhan sebab All causes	156		Keseluruhan sebab All causes	194	
Bintulu	1. Ischaemic heart diseases	27	7.7	-		
	2. Kidney failure	19	5.4	-		
	3. Pneumonia	19	5.4	-		
	4. Diabetes mellitus	17	4.9	-		
	5. Transport accidents	12	3.4	-		
	Keseluruhan sebab All causes	350		Keseluruhan sebab All causes	240	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Tatau	1. Pneumonia	12	10.8	Barah payudara Breast cancer	1	1.2
	2. Ischaemic heart diseases	10	9.0	-		
	3. Kidney failure	7	6.3	-		
	4. Cerebral ischaemia	4	3.6	-		
	5. Intracranial haemorrhage	3	2.7	-		
	Keseluruhan sebab All causes	111		Keseluruhan sebab All causes	83	
Kapit	1. Ischaemic heart diseases	13	8.4	Lelah Asthma	1	0.6
	2. Pneumonia	13	8.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.6
	3. Malignant neoplasms of bronchus or lung	7	4.5	-		
	4. Intracranial haemorrhage	6	3.9	-		
	5. Chronic obstructive pulmonary disease	4	2.6	-		
	Keseluruhan sebab All causes	154		Keseluruhan sebab All causes	172	
Song	1. Ischaemic heart diseases	7	10.0	Kencing manis Diabetes mellitus	1	1.2
	2. Pneumonia	5	7.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	1.2
	3. Intracranial haemorrhage	4	5.7	-		
	4. Chronic obstructive pulmonary disease	3	4.3	-		
	5. Heart failure	2	2.9	-		
	Keseluruhan sebab All causes	70		Keseluruhan sebab All causes	84	
Belaga	1. Metabolic disorders	6	8.6	-		
	2. Intracranial haemorrhage	3	4.3	-		
	3. Ischaemic heart diseases	3	4.3	-		
	4. Heart failure	2	2.9	-		
	5. Heart valve diseases	2	2.9	-		
	Keseluruhan sebab All causes	70		Keseluruhan sebab All causes	42	
Miri	1. Pneumonia	158	18.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	6	1.0
	2. Ischaemic heart diseases	71	8.5	Penyakit jantung iskemia Ischaemic heart diseases	2	0.3
	3. Cerebral ischaemia	24	2.9	Barah pangkal rahim Cervix cancer	1	0.2
	4. Intracranial haemorrhage	23	2.8	Darah tinggi Hypertension	1	0.2
	5. Heart failure	21	2.5	Penyakit serebrovaskular Cerebrovascular diseases	1	0.2
	Keseluruhan sebab All causes	834		Keseluruhan sebab All causes	592	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Marudi	1. Pneumonia	25	21.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	3	4.9
	2. Ischaemic heart diseases	11	9.4	-		
	3. Heart failure	5	4.3	-		
	4. Intracranial haemorrhage	4	3.4	-		
	5. Metabolic disorders	4	3.4	-		
	Keseluruhan sebab All causes	117		Keseluruhan sebab All causes	61	
Limbang	1. Ischaemic heart diseases	22	10.7	Penyakit jantung iskemia Ischaemic heart diseases	1	1.0
	2. Pneumonia	19	9.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	1.0
	3. Stroke not known if ischaemic or haemorrhagic	16	7.8	-		
	4. Malignant neoplasms of bronchus or lung	7	3.4	-		
	5. Intracranial haemorrhage	6	2.9	-		
	Keseluruhan sebab All causes	205		Keseluruhan sebab All causes	96	
Lawas	1. Ischaemic heart diseases	13	9.6	Tibi/Batuk kering Tuberculosis	1	0.8
	2. Pneumonia	9	6.7	-		
	3. Diabetes mellitus	6	4.4	-		
	4. Intracranial haemorrhage	6	4.4	-		
	5. Heart failure	4	3.0	-		
	Keseluruhan sebab All causes	135		Keseluruhan sebab All causes	123	
Matu	1. Pneumonia	4	10.0	-		
	2. Intracranial haemorrhage	2	5.0	-		
	3. Malignant neoplasms of bronchus or lung	2	5.0	-		
	4. Transport accidents	2	5.0	-		
	5. Cerebral ischaemia	1	2.5	-		
	Keseluruhan sebab All causes	40		Keseluruhan sebab All causes	105	
Asajaya	1. Ischaemic heart diseases	9	11.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	0.5
	2. Pneumonia	5	6.4	-		
	3. Diabetes mellitus	3	3.8	-		
	4. Kidney failure	3	3.8	-		
	5. Malignant neoplasms of pancreas	3	3.8	-		
	Keseluruhan sebab All causes	78		Keseluruhan sebab All causes	213	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Pakan	1. Pneumonia	8	21.6	-		
	2. Tuberculosis of the respiratory system	3	8.1	-		
	3. Intracranial haemorrhage	2	5.4	-		
	4. Cerebral ischaemia	1	2.7	-		
	5. Diabetes mellitus	1	2.7	-		
	Keseluruhan sebab All causes	37		Keseluruhan sebab All causes	93	
Selangau	1. Pneumonia	6	10.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	1.2
	2. Chronic obstructive pulmonary disease	4	6.7	-		
	3. Ischaemic heart diseases	3	5.0	-		
	4. Kidney failure	3	5.0	-		
	5. Diabetes mellitus	2	3.3	-		
	Keseluruhan sebab All causes	60		Keseluruhan sebab All causes	85	
Tebedu	1. Ischaemic heart diseases	6	10.2	-		
	2. Pneumonia	6	10.2	-		
	3. Malignant neoplasms of lip, oral cavity or pharynx	4	6.8	-		
	4. Intracranial haemorrhage	3	5.1	-		
	5. Cerebral ischaemia	2	3.4	-		
	Keseluruhan sebab All causes	59		Keseluruhan sebab All causes	115	
Pusa	1. Ischaemic heart diseases	15	13.9	Radang paru-paru Pneumonia	1	1.4
	2. Diabetes mellitus	6	5.6	-		
	3. Pneumonia	6	5.6	-		
	4. Heart failure	5	4.6	-		
	5. Kidney failure	4	3.7	-		
	Keseluruhan sebab All causes	108		Keseluruhan sebab All causes	71	
Kabong	1. Pneumonia	4	5.3	-		
	2. Cerebral ischaemia	3	3.9	-		
	3. Chronic obstructive pulmonary disease	3	3.9	-		
	4. Ischaemic heart diseases	3	3.9	-		
	5. Kidney failure	3	3.9	-		
	Keseluruhan sebab All causes	76		Keseluruhan sebab All causes	110	

Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2024 (samb.)

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Tanjung Manis	1. Pneumonia	3	11.5	Penyakit jantung iskemia Ischaemic heart diseases	1	1.3
	2. Cerebral ischaemia	2	7.7	-		
	3. Transport accidents	2	7.7	-		
	4. Lymphoid Neoplasms	1	3.8	-		
	5. Malignant neoplasms of bronchus or lung	1	3.8	-		
	Keseluruhan sebab All causes	26		Keseluruhan sebab All causes	75	
Sebauh	1. Ischaemic heart diseases	11	11.0	-		
	2. Pneumonia	9	9.0	-		
	3. Kidney failure	6	6.0	-		
	4. Chronic obstructive pulmonary disease	4	4.0	-		
	5. Lymphoid Neoplasms	3	3.0	-		
	Keseluruhan sebab All causes	100		Keseluruhan sebab All causes	89	
Bukit Mabong	1. Heart failure	5	10.2	-		
	2. Pneumonia	5	10.2	-		
	3. Malignant neoplasms of bronchus or lung	4	8.2	-		
	4. Ischaemic heart diseases	3	6.1	-		
	5. Kidney failure	3	6.1	-		
	Keseluruhan sebab All causes	49		Keseluruhan sebab All causes	58	
Subis	1. Pneumonia	37	20.4	-		
	2. Ischaemic heart diseases	11	6.1	-		
	3. Heart failure	6	3.3	-		
	4. Intracranial haemorrhage	6	3.3	-		
	5. Kidney failure	6	3.3	-		
	Keseluruhan sebab All causes	181		Keseluruhan sebab All causes	234	
Beluru	1. Pneumonia	8	11.4	-		
	2. Ischaemic heart diseases	5	7.1	-		
	3. Kidney failure	3	4.3	-		
	4. Malignant neoplasms of large intestine, anus, and anal canal	3	4.3	-		
	5. Cerebral ischaemia	2	2.9	-		
	Keseluruhan sebab All causes	70		Keseluruhan sebab All causes	82	

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran,
Sarawak, 2024 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2024 (cont'd)

Disahkan secara perubatan Medically certified		Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Telang Usan	1. Pneumonia	17	19.5	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water		1	1.2
	2. Intracranial haemorrhage	7	8.0	-			
	3. Malignant neoplasms of bronchus or lung	5	5.7	-			
	4. Kidney failure	3	3.4	-			
	5. Malignant neoplasms of stomach	3	3.4	-			
	Keseluruhan sebab All causes	87		Keseluruhan sebab All causes		83	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2024

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2024

Disahkan secara perubatan Medically certified				Tidak disahkan secara perubatan Non-medically certified			
Bil. No.				Bil. No.			
%				%			
Selangor	1. Ischaemic heart diseases	3,038	13.7	Sakit tua 65 tahun dan lebih Old age 65 years and over		4,803	43.7
	2. Pneumonia	2,425	11.0	Kencing manis Diabetes mellitus		747	6.8
	3. Diabetes mellitus	827	3.7	Darah tinggi Hypertension		697	6.3
	4. Transport accidents	807	3.6	Penyakit serebrovaskular Cerebrovascular diseases		526	4.8
	5. Kidney failure	623	2.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		246	2.2
	Keseluruhan sebab All causes		22,119	Keseluruhan sebab All causes		10,983	
Gombak	1. Ischaemic heart diseases	347	13.6	Sakit tua 65 tahun dan lebih Old age 65 years and over		680	39.3
	2. Pneumonia	295	11.6	Darah tinggi Hypertension		149	8.6
	3. Transport accidents	99	3.9	Kencing manis Diabetes mellitus		149	8.6
	4. Intracranial haemorrhage	72	2.8	Penyakit serebrovaskular Cerebrovascular diseases		70	4.0
	5. Kidney failure	60	2.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		48	2.8
	Keseluruhan sebab All causes		2,553	Keseluruhan sebab All causes		1,732	
Klang	1. Ischaemic heart diseases	548	14.4	Sakit tua 65 tahun dan lebih Old age 65 years and over		786	43.6
	2. Pneumonia	383	10.0	Kencing manis Diabetes mellitus		119	6.6
	3. Diabetes mellitus	238	6.2	Penyakit serebrovaskular Cerebrovascular diseases		89	4.9
	4. Kidney failure	136	3.6	Darah tinggi Hypertension		83	4.6
	5. Transport accidents	129	3.4	Barah kolon, rektum dan dubur Colon, rectum and anus cancer		35	1.9
	Keseluruhan sebab All causes		3,815	Keseluruhan sebab All causes		1,804	
Kuala Langat	1. Ischaemic heart diseases	186	16.6	Sakit tua 65 tahun dan lebih Old age 65 years and over		306	49.8
	2. Pneumonia	128	11.4	Kencing manis Diabetes mellitus		43	7.0
	3. Transport accidents	55	4.9	Penyakit serebrovaskular Cerebrovascular diseases		32	5.2
	4. Diabetes mellitus	36	3.2	Darah tinggi Hypertension		31	5.0
	5. Kidney failure	28	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer		13	2.1
	Keseluruhan sebab All causes		1,120	Keseluruhan sebab All causes		615	
Kuala Selangor	1. Ischaemic heart diseases	141	11.6	Sakit tua 65 tahun dan lebih Old age 65 years and over		220	50.8
	2. Pneumonia	100	8.2	Darah tinggi Hypertension		21	4.8
	3. Transport accidents	64	5.3	Kencing manis Diabetes mellitus		20	4.6
	4. Diabetes mellitus	60	4.9	Penyakit serebrovaskular Cerebrovascular diseases		19	4.4
	5. Kidney failure	44	3.6	Penyakit jantung iskemia Ischaemic heart diseases		9	2.1
	Keseluruhan sebab All causes		1,213	Keseluruhan sebab All causes		433	

Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2024 (samb.)

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Petaling	1. Ischaemic heart diseases	843	13.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,192	39.9
	2. Pneumonia	739	11.8	Kencing manis <i>Diabetes mellitus</i>	217	7.3
	3. Diabetes mellitus	190	3.0	Darah tinggi <i>Hypertension</i>	209	7.0
	4. Malignant neoplasms of bronchus or lung	177	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	169	5.7
	5. Transport accidents	166	2.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	71	2.4
	Keseluruhan sebab <i>All causes</i>	6,288		Keseluruhan sebab <i>All causes</i>	2,985	
Sabak Bernam	1. Ischaemic heart diseases	124	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	186	43.4
	2. Pneumonia	69	8.7	Kencing manis <i>Diabetes mellitus</i>	37	8.6
	3. Diabetes mellitus	39	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	21	4.9
	4. Kidney failure	36	4.5	Darah tinggi <i>Hypertension</i>	19	4.4
	5. Transport accidents	33	4.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	9	2.1
	Keseluruhan sebab <i>All causes</i>	793		Keseluruhan sebab <i>All causes</i>	429	
Sepang	1. Ischaemic heart diseases	116	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	180	48.3
	2. Pneumonia	81	9.6	Kencing manis <i>Diabetes mellitus</i>	24	6.4
	3. Transport accidents	43	5.1	Darah tinggi <i>Hypertension</i>	18	4.8
	4. Diabetes mellitus	41	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	16	4.3
	5. Malignant neoplasms of large intestine, anus, and anal canal	21	2.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	2.4
	Keseluruhan sebab <i>All causes</i>	847		Keseluruhan sebab <i>All causes</i>	373	
Ulu Langat	1. Ischaemic heart diseases	613	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,026	46.8
	2. Pneumonia	535	12.0	Darah tinggi <i>Hypertension</i>	154	7.0
	3. Transport accidents	182	4.1	Kencing manis <i>Diabetes mellitus</i>	120	5.5
	4. Diabetes mellitus	148	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	92	4.2
	5. Intracranial haemorrhage	132	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	62	2.8
	Keseluruhan sebab <i>All causes</i>	4,462		Keseluruhan sebab <i>All causes</i>	2,192	
Ulu Selangor	1. Ischaemic heart diseases	120	11.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	227	54.0
	2. Pneumonia	95	9.2	Kencing manis <i>Diabetes mellitus</i>	18	4.3
	3. Transport accidents	36	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	4.3
	4. Kidney failure	33	3.2	Darah tinggi <i>Hypertension</i>	13	3.1
	5. Diabetes mellitus	32	3.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	2.1
	Keseluruhan sebab <i>All causes</i>	1,028		Keseluruhan sebab <i>All causes</i>	420	

Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2024

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2024

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			
		Bil. No.	%		Bil. No.	%
Terengganu	1. Ischaemic heart diseases	616	10.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	602	34.3
	2. Diabetes mellitus	606	10.3	Kencing manis Diabetes mellitus	185	10.5
	3. Pneumonia	596	10.1	Darah tinggi Hypertension	155	8.8
	4. Transport accidents	205	3.5	Penyakit serebrovaskular Cerebrovascular diseases	140	8.0
	5. Stroke not known if ischaemic or haemorrhagic	198	3.3	Lelah Asthma	51	2.9
	Keseluruhan sebab All causes	5,912		Keseluruhan sebab All causes	1,756	
Besut	1. Ischaemic heart diseases	80	12.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	86	22.6
	2. Pneumonia	73	11.0	Kencing manis Diabetes mellitus	59	15.5
	3. Diabetes mellitus	36	5.4	Darah tinggi Hypertension	58	15.3
	4. Stroke not known if ischaemic or haemorrhagic	28	4.2	Penyakit serebrovaskular Cerebrovascular diseases	37	9.7
	5. Transport accidents	25	3.8	Lelah Asthma	20	5.3
	Keseluruhan sebab All causes	664		Keseluruhan sebab All causes	380	
Dungun	1. Diabetes mellitus	91	12.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	141	45.0
	2. Ischaemic heart diseases	89	11.9	Kencing manis Diabetes mellitus	22	7.0
	3. Pneumonia	60	8.0	Penyakit jantung iskemia Ischaemic heart diseases	16	5.1
	4. Kidney failure	29	3.9	Penyakit serebrovaskular Cerebrovascular diseases	16	5.1
	5. Stroke not known if ischaemic or haemorrhagic	25	3.3	Darah tinggi Hypertension	14	4.5
	Keseluruhan sebab All causes	749		Keseluruhan sebab All causes	313	
Kemaman	1. Ischaemic heart diseases	104	12.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	96	36.1
	2. Pneumonia	100	12.0	Penyakit serebrovaskular Cerebrovascular diseases	24	9.0
	3. Diabetes mellitus	93	11.2	Darah tinggi Hypertension	22	8.3
	4. Stroke not known if ischaemic or haemorrhagic	35	4.2	Kencing manis Diabetes mellitus	21	7.9
	5. Transport accidents	31	3.7	Radang paru-paru Pneumonia	8	3.0
	Keseluruhan sebab All causes	832		Keseluruhan sebab All causes	266	
Kuala Terengganu	1. Diabetes mellitus	219	13.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	33	21.0
	2. Ischaemic heart diseases	134	8.2	Penyakit serebrovaskular Cerebrovascular diseases	17	10.8
	3. Pneumonia	132	8.1	Kencing manis Diabetes mellitus	14	8.9
	4. Metabolic disorders	61	3.7	Darah tinggi Hypertension	13	8.3
	5. Kidney failure	48	2.9	Penyakit jantung iskemia Ischaemic heart diseases	7	4.5
	Keseluruhan sebab All causes	1,632		Keseluruhan sebab All causes	157	

Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2024 (samb.)

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2024 (cont'd)

	Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
Marang	1. Pneumonia	54	10.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	99	37.6
	2. Ischaemic heart diseases	47	8.8	Kencing manis Diabetes mellitus	30	11.4
	3. Diabetes mellitus	41	7.6	Darah tinggi Hypertension	21	8.0
	4. Transport accidents	34	6.3	Penyakit serebrovaskular Cerebrovascular diseases	17	6.5
	5. Intracranial haemorrhage	30	5.6	Penyakit jantung iskemia Ischaemic heart diseases	10	3.8
	Keseluruhan sebab All causes	537		Keseluruhan sebab All causes	263	
Hulu Terengganu	1. Ischaemic heart diseases	56	12.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	40	44.0
	2. Pneumonia	45	9.6	Penyakit serebrovaskular Cerebrovascular diseases	8	8.8
	3. Diabetes mellitus	44	9.4	Darah tinggi Hypertension	7	7.7
	4. Transport accidents	27	5.8	Kencing manis Diabetes mellitus	7	7.7
	5. Kidney failure	16	3.4	Lelah Asthma	4	4.4
	Keseluruhan sebab All causes	467		Keseluruhan sebab All causes	91	
Setiu	1. Ischaemic heart diseases	30	10.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	53	35.8
	2. Pneumonia	27	9.7	Penyakit serebrovaskular Cerebrovascular diseases	16	10.8
	3. Diabetes mellitus	19	6.8	Darah tinggi Hypertension	13	8.8
	4. Intracranial haemorrhage	11	3.9	Kencing manis Diabetes mellitus	13	8.8
	5. Stroke not known if ischaemic or haemorrhagic	11	3.9	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	3	2.0
	Keseluruhan sebab All causes	279		Keseluruhan sebab All causes	148	
Kuala Nerus	1. Pneumonia	105	14.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	54	39.1
	2. Ischaemic heart diseases	76	10.1	Kencing manis Diabetes mellitus	19	13.8
	3. Diabetes mellitus	63	8.4	Darah tinggi Hypertension	7	5.1
	4. Kidney failure	27	3.6	Penyakit serebrovaskular Cerebrovascular diseases	5	3.6
	5. Cerebral ischaemia	21	2.8	Lelah Asthma	4	2.9
	Keseluruhan sebab All causes	752		Keseluruhan sebab All causes	138	

**Jadual 1.39: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran,
W.P. Kuala Lumpur, 2024**

Table 1.39: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Kuala Lumpur, 2024

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. <i>Ischaemic heart diseases</i>	1,035	14.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			1,183	51.8	
	2. <i>Pneumonia</i>	855	11.5	Darah tinggi <i>Hypertension</i>			115	5.0	
	3. <i>Diabetes mellitus</i>	443	6.0	Kencing manis <i>Diabetes mellitus</i>			103	4.5	
	4. <i>Malignant neoplasms of bronchus or lung</i>	205	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>			82	3.6	
	5. <i>Transport accidents</i>	198	2.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>			51	2.2	
	Keseluruhan sebab <i>All causes</i>			7,419	Keseluruhan sebab <i>All causes</i>			2,285	

Jadual 1.40: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Labuan, 2024

Table 1.40: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Labuan, 2024

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. <i>No.</i>	%		Bil. <i>No.</i>	%	
W.P. Labuan	1. <i>Ischaemic heart diseases</i>	45	15.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	52	57.1
	2. <i>Pneumonia</i>	34	11.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	1.1
	3. <i>Stroke not known if ischaemic or haemorrhagic</i>	14	4.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.1
	4. <i>Malignant neoplasms of bronchus or lung</i>	9	3.0	Mati Lemas <i>Drowning</i>	1	1.1
	5. <i>Heart failure</i>	8	2.7	-		
	Keseluruhan sebab <i>All causes</i>			Keseluruhan sebab <i>All causes</i>		
300			91			

**Jadual 1.41: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran,
W.P. Putrajaya, 2024**

Table 1.41: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Putrajaya, 2024

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>	38	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>			8	40.0	
	2. <i>Diabetes mellitus</i>	20	7.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>			3	15.0	
	3. <i>Malignant neoplasms of breast</i>	18	6.4	Darah tinggi <i>Hypertension</i>			3	15.0	
	4. <i>Pneumonia</i>	16	5.7	Barah limfoma <i>Lymphoma</i>			1	5.0	
	5. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	11	3.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>			1	5.0	
	Keseluruhan sebab <i>All causes</i>			282	Keseluruhan sebab <i>All causes</i>			20	

Jadual 1.42: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Malaysia, 2024

Table 1.42: Selected causes of death (medically certified) by age group, Malaysia, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Jumlah Total	17,421	15,332	6,929	4,428	3,911
0	-	138 (0.9%)	-	16 (0.4%)	-
1-4	-	51 (0.3%)	-	39 (0.9%)	-
5-9	3 (0.0%)	23 (0.2%)	1 (0.0%)	27 (0.6%)	-
10-14	4 (0.0%)	32 (0.2%)	1 (0.0%)	83 (1.9%)	6 (0.2%)
15-19	9 (0.1%)	58 (0.4%)	2 (0.0%)	592 (13.4%)	10 (0.3%)
20-24	31 (0.2%)	83 (0.5%)	9 (0.1%)	693 (15.7%)	29 (0.7%)
25-29	82 (0.5%)	120 (0.8%)	18 (0.3%)	477 (10.8%)	24 (0.6%)
30-34	217 (1.2%)	159 (1.0%)	42 (0.6%)	369 (8.3%)	60 (1.5%)
35-39	488 (2.8%)	255 (1.7%)	82 (1.2%)	362 (8.2%)	76 (1.9%)
40-44	847 (4.9%)	371 (2.4%)	124 (1.8%)	299 (6.8%)	132 (3.4%)
45-49	1,249 (7.2%)	472 (3.1%)	244 (3.5%)	225 (5.1%)	169 (4.3%)
50-54	1,486 (8.5%)	610 (4.0%)	390 (5.6%)	234 (5.3%)	258 (6.6%)
55-59	1,921 (11.0%)	971 (6.3%)	603 (8.7%)	202 (4.6%)	381 (9.7%)
60-64	2,097 (12.0%)	1,453 (9.5%)	848 (12.2%)	203 (4.6%)	443 (11.3%)
65-69	2,204 (12.7%)	1,717 (11.2%)	980 (14.1%)	191 (4.3%)	512 (13.1%)
70-74	2,114 (12.1%)	2,100 (13.7%)	1,013 (14.6%)	193 (4.4%)	552 (14.1%)
75-79	1,798 (10.3%)	2,197 (14.3%)	978 (14.1%)	120 (2.7%)	477 (12.2%)
80-84	1,393 (8.0%)	1,936 (12.6%)	741 (10.7%)	66 (1.5%)	398 (10.2%)
85 dan lebih 85 and over	1,478 (8.5%)	2,586 (16.9%)	853 (12.3%)	37 (0.8%)	384 (9.8%)

Jadual 1.43: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Johor, 2024

Table 1.43: Selected causes of death (medically certified) by age group, Johor, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Stroke not known if ischaemic or haemorrhagic
Jumlah Total	2,620	2,197	906	663	593
0	-	24 (1.1%)	-	5 (0.8%)	-
1-4	-	9 (0.4%)	-	4 (0.6%)	-
5-9	2 (0.1%)	1 (0.0%)	-	2 (0.3%)	-
10-14	-	2 (0.1%)	-	7 (1.1%)	-
15-19	1 (0.0%)	2 (0.1%)	1 (0.1%)	83 (12.5%)	-
20-24	5 (0.2%)	9 (0.4%)	2 (0.2%)	105 (15.8%)	-
25-29	15 (0.6%)	15 (0.7%)	2 (0.2%)	83 (12.5%)	-
30-34	35 (1.3%)	19 (0.9%)	8 (0.9%)	48 (7.2%)	1 (0.2%)
35-39	66 (2.5%)	46 (2.1%)	9 (1.0%)	54 (8.1%)	3 (0.5%)
40-44	133 (5.1%)	47 (2.1%)	13 (1.4%)	41 (6.2%)	9 (1.5%)
45-49	193 (7.4%)	64 (2.9%)	30 (3.3%)	35 (5.3%)	9 (1.5%)
50-54	230 (8.8%)	93 (4.2%)	49 (5.4%)	29 (4.4%)	22 (3.7%)
55-59	295 (11.3%)	130 (5.9%)	70 (7.7%)	33 (5.0%)	42 (7.1%)
60-64	323 (12.3%)	208 (9.5%)	118 (13.0%)	36 (5.4%)	51 (8.6%)
65-69	324 (12.4%)	273 (12.4%)	124 (13.7%)	32 (4.8%)	88 (14.8%)
70-74	337 (12.9%)	338 (15.4%)	148 (16.3%)	34 (5.1%)	83 (14.0%)
75-79	265 (10.1%)	343 (15.6%)	138 (15.2%)	18 (2.7%)	95 (16.0%)
80-84	196 (7.5%)	252 (11.5%)	83 (9.2%)	8 (1.2%)	72 (12.1%)
85 dan lebih 85 and over	200 (7.6%)	322 (14.7%)	111 (12.3%)	6 (0.9%)	118 (19.9%)

Jadual 1.44: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Kedah, 2024

Table 1.44: Selected causes of death (medically certified) by age group, Kedah, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Kidney failure
Jumlah Total	2,349	1,806	1,185	647	559
0	-	3 (0.2%)	-	-	-
1-4	-	2 (0.1%)	-	-	-
5-9	-	2 (0.1%)	1 (0.1%)	-	-
10-14	-	4 (0.2%)	1 (0.1%)	1 (0.2%)	-
15-19	2 (0.1%)	13 (0.7%)	1 (0.1%)	-	-
20-24	5 (0.2%)	7 (0.4%)	1 (0.1%)	-	2 (0.4%)
25-29	12 (0.5%)	21 (1.2%)	3 (0.3%)	-	3 (0.5%)
30-34	29 (1.2%)	20 (1.1%)	6 (0.5%)	1 (0.2%)	11 (2.0%)
35-39	50 (2.1%)	21 (1.2%)	20 (1.7%)	5 (0.8%)	12 (2.1%)
40-44	81 (3.4%)	39 (2.2%)	20 (1.7%)	8 (1.2%)	22 (3.9%)
45-49	142 (6.0%)	44 (2.4%)	43 (3.6%)	20 (3.1%)	31 (5.5%)
50-54	162 (6.9%)	75 (4.2%)	91 (7.7%)	23 (3.6%)	41 (7.3%)
55-59	207 (8.8%)	125 (6.9%)	107 (9.0%)	35 (5.4%)	62 (11.1%)
60-64	263 (11.2%)	188 (10.4%)	148 (12.5%)	53 (8.2%)	57 (10.2%)
65-69	299 (12.7%)	203 (11.2%)	187 (15.8%)	83 (12.8%)	76 (13.6%)
70-74	280 (11.9%)	212 (11.7%)	159 (13.4%)	109 (16.8%)	98 (17.5%)
75-79	275 (11.7%)	236 (13.1%)	154 (13.0%)	111 (17.2%)	59 (10.6%)
80-84	245 (10.4%)	229 (12.7%)	120 (10.1%)	85 (13.1%)	48 (8.6%)
85 dan lebih 85 and over	297 (12.6%)	362 (20.0%)	123 (10.4%)	113 (17.5%)	37 (6.6%)

Jadual 1.45: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Kelantan, 2024

Table 1.45: Selected causes of death (medically certified) by age group, Kelantan, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Metabolic disorders
Jumlah Total	1,661	1,057	627	327	274
0	-	10 (0.9%)	-	-	5 (1.8%)
1-4	-	8 (0.8%)	-	-	1 (0.4%)
5-9	-	7 (0.7%)	-	-	1 (0.4%)
10-14	1 (0.1%)	3 (0.3%)	-	-	2 (0.7%)
15-19	2 (0.1%)	7 (0.7%)	-	-	1 (0.4%)
20-24	3 (0.2%)	10 (0.9%)	-	1 (0.3%)	1 (0.4%)
25-29	7 (0.4%)	7 (0.7%)	2 (0.3%)	-	2 (0.7%)
30-34	9 (0.5%)	18 (1.7%)	3 (0.5%)	1 (0.3%)	4 (1.5%)
35-39	36 (2.2%)	19 (1.8%)	9 (1.4%)	2 (0.6%)	3 (1.1%)
40-44	65 (3.9%)	27 (2.6%)	13 (2.1%)	3 (0.9%)	3 (1.1%)
45-49	76 (4.6%)	39 (3.7%)	29 (4.6%)	4 (1.2%)	11 (4.0%)
50-54	122 (7.3%)	50 (4.7%)	36 (5.7%)	14 (4.3%)	9 (3.3%)
55-59	146 (8.8%)	74 (7.0%)	59 (9.4%)	20 (6.1%)	12 (4.4%)
60-64	181 (10.9%)	120 (11.4%)	81 (12.9%)	37 (11.3%)	27 (9.9%)
65-69	206 (12.4%)	109 (10.3%)	107 (17.1%)	35 (10.7%)	26 (9.5%)
70-74	216 (13.0%)	152 (14.4%)	106 (16.9%)	48 (14.7%)	36 (13.1%)
75-79	230 (13.8%)	159 (15.0%)	82 (13.1%)	67 (20.5%)	47 (17.2%)
80-84	182 (11.0%)	121 (11.4%)	51 (8.1%)	43 (13.1%)	37 (13.5%)
85 dan lebih 85 and over	179 (10.8%)	117 (11.1%)	49 (7.8%)	52 (15.9%)	46 (16.8%)

Jadual 1.46: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Melaka, 2024

Table 1.46: Selected causes of death (medically certified) by age group, Melaka, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Transport accidents	Diabetes mellitus	Kidney failure
Jumlah Total	480	373	183	135	116
0	-	6 (1.6%)	-	-	-
1-4	-	2 (0.5%)	2 (1.1%)	-	-
5-9	1 (0.2%)	-	2 (1.1%)	-	-
10-14	-	3 (0.8%)	4 (2.2%)	-	1 (0.9%)
15-19	-	-	33 (18.0%)	-	-
20-24	-	2 (0.5%)	31 (16.9%)	-	-
25-29	4 (0.8%)	4 (1.1%)	19 (10.4%)	2 (1.5%)	-
30-34	5 (1.0%)	3 (0.8%)	15 (8.2%)	1 (0.7%)	2 (1.7%)
35-39	11 (2.3%)	5 (1.3%)	8 (4.4%)	4 (3.0%)	1 (0.9%)
40-44	22 (4.6%)	9 (2.4%)	11 (6.0%)	5 (3.7%)	1 (0.9%)
45-49	24 (5.0%)	15 (4.0%)	9 (4.9%)	6 (4.4%)	4 (3.4%)
50-54	43 (9.0%)	9 (2.4%)	10 (5.5%)	7 (5.2%)	2 (1.7%)
55-59	51 (10.6%)	23 (6.2%)	7 (3.8%)	8 (5.9%)	8 (6.9%)
60-64	64 (13.3%)	33 (8.8%)	7 (3.8%)	14 (10.4%)	14 (12.1%)
65-69	70 (14.6%)	49 (13.1%)	8 (4.4%)	14 (10.4%)	28 (24.1%)
70-74	76 (15.8%)	43 (11.5%)	8 (4.4%)	18 (13.3%)	12 (10.3%)
75-79	48 (10.0%)	62 (16.6%)	5 (2.7%)	23 (17.0%)	14 (12.1%)
80-84	31 (6.5%)	50 (13.4%)	3 (1.6%)	14 (10.4%)	19 (16.4%)
85 dan lebih 85 and over	30 (6.3%)	55 (14.7%)	1 (0.5%)	19 (14.1%)	10 (8.6%)

Jadual 1.47: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Negeri Sembilan, 2024

Table 1.47: Selected causes of death (medically certified) by age group, Negeri Sembilan, 2024

Kumpulan umur <i>Age group</i>	<i>Ischaemic heart diseases</i>	<i>Diabetes mellitus</i>	<i>Pneumonia</i>	<i>Transport accidents</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>
Jumlah <i>Total</i>	820	683	521	239	161
0	-	-	6 (1.2%)	-	-
1-4	-	-	2 (0.4%)	3 (1.3%)	-
5-9	-	-	2 (0.4%)	-	-
10-14	-	-	1 (0.2%)	7 (2.9%)	-
15-19	-	-	4 (0.8%)	30 (12.6%)	-
20-24	3 (0.4%)	1 (0.1%)	4 (0.8%)	43 (18.0%)	-
25-29	3 (0.4%)	-	4 (0.8%)	25 (10.5%)	-
30-34	11 (1.3%)	2 (0.3%)	3 (0.6%)	18 (7.5%)	-
35-39	22 (2.7%)	5 (0.7%)	7 (1.3%)	23 (9.6%)	4 (2.5%)
40-44	43 (5.2%)	8 (1.2%)	17 (3.3%)	17 (7.1%)	1 (0.6%)
45-49	68 (8.3%)	16 (2.3%)	12 (2.3%)	9 (3.8%)	3 (1.9%)
50-54	77 (9.4%)	29 (4.2%)	12 (2.3%)	8 (3.3%)	-
55-59	103 (12.6%)	52 (7.6%)	35 (6.7%)	8 (3.3%)	8 (5.0%)
60-64	97 (11.8%)	83 (12.2%)	50 (9.6%)	9 (3.8%)	20 (12.4%)
65-69	103 (12.6%)	93 (13.6%)	54 (10.4%)	15 (6.3%)	14 (8.7%)
70-74	92 (11.2%)	108 (15.8%)	73 (14.0%)	10 (4.2%)	26 (16.1%)
75-79	78 (9.5%)	103 (15.1%)	68 (13.1%)	8 (3.3%)	20 (12.4%)
80-84	57 (7.0%)	81 (11.9%)	73 (14.0%)	2 (0.8%)	28 (17.4%)
85 dan lebih <i>85 and over</i>	63 (7.7%)	102 (14.9%)	94 (18.0%)	4 (1.7%)	37 (23.0%)

Jadual 1.48: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Pahang, 2024

Table 1.48: Selected causes of death (medically certified) by age group, Pahang, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Jumlah Total	953	908	339	290	223
0	-	10 (1.1%)	-	-	-
1-4	-	4 (0.4%)	-	2 (0.7%)	-
5-9	-	1 (0.1%)	-	-	-
10-14	-	4 (0.4%)	-	11 (3.8%)	1 (0.4%)
15-19	-	4 (0.4%)	-	36 (12.4%)	-
20-24	1 (0.1%)	4 (0.4%)	1 (0.3%)	51 (17.6%)	2 (0.9%)
25-29	3 (0.3%)	10 (1.1%)	1 (0.3%)	25 (8.6%)	2 (0.9%)
30-34	14 (1.5%)	11 (1.2%)	2 (0.6%)	29 (10.0%)	4 (1.8%)
35-39	41 (4.3%)	20 (2.2%)	6 (1.8%)	25 (8.6%)	5 (2.2%)
40-44	61 (6.4%)	22 (2.4%)	5 (1.5%)	18 (6.2%)	11 (4.9%)
45-49	73 (7.7%)	36 (4.0%)	15 (4.4%)	13 (4.5%)	12 (5.4%)
50-54	79 (8.3%)	52 (5.7%)	17 (5.0%)	18 (6.2%)	17 (7.6%)
55-59	85 (8.9%)	45 (5.0%)	27 (8.0%)	14 (4.8%)	17 (7.6%)
60-64	125 (13.1%)	92 (10.1%)	33 (9.7%)	9 (3.1%)	25 (11.2%)
65-69	99 (10.4%)	98 (10.8%)	56 (16.5%)	12 (4.1%)	29 (13.0%)
70-74	132 (13.9%)	156 (17.2%)	49 (14.5%)	12 (4.1%)	29 (13.0%)
75-79	90 (9.4%)	113 (12.4%)	55 (16.2%)	9 (3.1%)	32 (14.3%)
80-84	78 (8.2%)	103 (11.3%)	29 (8.6%)	4 (1.4%)	22 (9.9%)
85 dan lebih 85 and over	72 (7.6%)	123 (13.5%)	43 (12.7%)	2 (0.7%)	15 (6.7%)

Jadual 1.49: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Perak, 2024

Table 1.49: Selected causes of death (medically certified) by age group, Perak, 2024

Kumpulan umur Age group	Pneumonia	Ischaemic heart diseases	Transport accidents	Intracranial haemorrhage	Kidney failure
Jumlah Total	1,738	1,349	410	337	319
0	12 (0.7%)	-	3 (0.7%)	1 (0.3%)	-
1-4	2 (0.1%)	-	4 (1.0%)	-	-
5-9	2 (0.1%)	-	2 (0.5%)	-	-
10-14	2 (0.1%)	-	6 (1.5%)	-	-
15-19	5 (0.3%)	3 (0.2%)	50 (12.2%)	2 (0.6%)	-
20-24	8 (0.5%)	6 (0.4%)	49 (12.0%)	1 (0.3%)	1 (0.3%)
25-29	9 (0.5%)	8 (0.6%)	50 (12.2%)	7 (2.1%)	3 (0.9%)
30-34	19 (1.1%)	19 (1.4%)	33 (8.0%)	4 (1.2%)	4 (1.3%)
35-39	24 (1.4%)	35 (2.6%)	35 (8.5%)	16 (4.7%)	4 (1.3%)
40-44	48 (2.8%)	60 (4.4%)	27 (6.6%)	20 (5.9%)	10 (3.1%)
45-49	59 (3.4%)	99 (7.3%)	20 (4.9%)	33 (9.8%)	11 (3.4%)
50-54	83 (4.8%)	116 (8.6%)	22 (5.4%)	29 (8.6%)	21 (6.6%)
55-59	141 (8.1%)	141 (10.5%)	23 (5.6%)	39 (11.6%)	32 (10.0%)
60-64	184 (10.6%)	185 (13.7%)	31 (7.6%)	24 (7.1%)	43 (13.5%)
65-69	188 (10.8%)	194 (14.4%)	18 (4.4%)	35 (10.4%)	24 (7.5%)
70-74	230 (13.2%)	162 (12.0%)	13 (3.2%)	44 (13.1%)	43 (13.5%)
75-79	231 (13.3%)	130 (9.6%)	10 (2.4%)	35 (10.4%)	39 (12.2%)
80-84	209 (12.0%)	93 (6.9%)	9 (2.2%)	19 (5.6%)	41 (12.9%)
85 dan lebih 85 and over	282 (16.2%)	98 (7.3%)	5 (1.2%)	28 (8.3%)	43 (13.5%)

Jadual 1.50: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Perlis, 2024

Table 1.50: Selected causes of death (medically certified) by age group, Perlis, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Stroke not known if ischaemic or haemorrhagic	Kidney failure
Jumlah Total	248	190	117	92	54
0	-	-	-	-	-
1-4	-	1 (0.5%)	-	-	-
5-9	-	-	-	-	-
10-14	-	1 (0.5%)	-	-	-
15-19	-	1 (0.5%)	-	-	-
20-24	-	1 (0.5%)	1 (0.9%)	-	2 (3.7%)
25-29	1 (0.4%)	1 (0.5%)	-	-	2 (3.7%)
30-34	2 (0.8%)	4 (2.1%)	1 (0.9%)	-	1 (1.9%)
35-39	4 (1.6%)	6 (3.2%)	2 (1.7%)	-	1 (1.9%)
40-44	5 (2.0%)	5 (2.6%)	3 (2.6%)	1 (1.1%)	-
45-49	13 (5.2%)	9 (4.7%)	1 (0.9%)	-	4 (7.4%)
50-54	18 (7.3%)	5 (2.6%)	3 (2.6%)	2 (2.2%)	3 (5.6%)
55-59	21 (8.5%)	10 (5.3%)	10 (8.5%)	3 (3.3%)	6 (11.1%)
60-64	33 (13.3%)	13 (6.8%)	12 (10.3%)	6 (6.5%)	5 (9.3%)
65-69	30 (12.1%)	19 (10.0%)	14 (12.0%)	6 (6.5%)	7 (13.0%)
70-74	26 (10.5%)	30 (15.8%)	20 (17.1%)	13 (14.1%)	4 (7.4%)
75-79	30 (12.1%)	28 (14.7%)	12 (10.3%)	18 (19.6%)	9 (16.7%)
80-84	33 (13.3%)	30 (15.8%)	18 (15.4%)	17 (18.5%)	7 (13.0%)
85 dan lebih 85 and over	32 (12.9%)	26 (13.7%)	20 (17.1%)	26 (28.3%)	3 (5.6%)

Jadual 1.51: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Pulau Pinang, 2024

Table 1.51: Selected causes of death (medically certified) by age group, Pulau Pinang, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Kidney failure	Transport accidents
Jumlah Total	1,146	1,028	467	363	290
0	-	5 (0.5%)	-	-	-
1-4	-	1 (0.1%)	-	-	2 (0.7%)
5-9	-	1 (0.1%)	-	-	1 (0.3%)
10-14	-	1 (0.1%)	-	-	3 (1.0%)
15-19	-	5 (0.5%)	-	1 (0.3%)	29 (10.0%)
20-24	2 (0.2%)	4 (0.4%)	-	2 (0.6%)	41 (14.1%)
25-29	1 (0.1%)	9 (0.9%)	-	1 (0.3%)	22 (7.6%)
30-34	18 (1.6%)	2 (0.2%)	4 (0.9%)	1 (0.3%)	19 (6.6%)
35-39	29 (2.5%)	10 (1.0%)	3 (0.6%)	7 (1.9%)	24 (8.3%)
40-44	50 (4.4%)	18 (1.8%)	8 (1.7%)	7 (1.9%)	21 (7.2%)
45-49	73 (6.4%)	25 (2.4%)	15 (3.2%)	8 (2.2%)	15 (5.2%)
50-54	112 (9.8%)	39 (3.8%)	25 (5.4%)	22 (6.1%)	17 (5.9%)
55-59	147 (12.8%)	74 (7.2%)	43 (9.2%)	38 (10.5%)	22 (7.6%)
60-64	130 (11.3%)	78 (7.6%)	48 (10.3%)	40 (11.0%)	19 (6.6%)
65-69	141 (12.3%)	105 (10.2%)	61 (13.1%)	39 (10.7%)	17 (5.9%)
70-74	148 (12.9%)	139 (13.5%)	80 (17.1%)	62 (17.1%)	17 (5.9%)
75-79	109 (9.5%)	153 (14.9%)	60 (12.8%)	44 (12.1%)	9 (3.1%)
80-84	101 (8.8%)	134 (13.0%)	57 (12.2%)	47 (12.9%)	11 (3.8%)
85 dan lebih 85 and over	85 (7.4%)	225 (21.9%)	63 (13.5%)	44 (12.1%)	1 (0.3%)

Jadual 1.52: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Sabah, 2024

Table 1.52: Selected causes of death (medically certified) by age group, Sabah, 2024

Kumpulan umur Age group	Pneumonia	Ischaemic heart diseases	Kidney failure	Transport accidents	Intracranial haemorrhage
Jumlah Total	801	409	274	209	199
0	19 (2.4%)	-	-	1 (0.5%)	-
1-4	8 (1.0%)	-	-	4 (1.9%)	-
5-9	1 (0.1%)	-	-	2 (1.0%)	-
10-14	2 (0.2%)	-	2 (0.7%)	5 (2.4%)	1 (0.5%)
15-19	2 (0.2%)	-	1 (0.4%)	20 (9.6%)	-
20-24	7 (0.9%)	1 (0.2%)	6 (2.2%)	36 (17.2%)	1 (0.5%)
25-29	10 (1.2%)	3 (0.7%)	1 (0.4%)	29 (13.9%)	1 (0.5%)
30-34	9 (1.1%)	7 (1.7%)	2 (0.7%)	25 (12.0%)	7 (3.5%)
35-39	19 (2.4%)	10 (2.4%)	4 (1.5%)	20 (9.6%)	16 (8.0%)
40-44	28 (3.5%)	26 (6.4%)	11 (4.0%)	18 (8.6%)	20 (10.1%)
45-49	24 (3.0%)	32 (7.8%)	11 (4.0%)	14 (6.7%)	22 (11.1%)
50-54	33 (4.1%)	26 (6.4%)	18 (6.6%)	7 (3.3%)	9 (4.5%)
55-59	44 (5.5%)	68 (16.6%)	30 (10.9%)	6 (2.9%)	21 (10.6%)
60-64	70 (8.7%)	59 (14.4%)	33 (12.0%)	4 (1.9%)	20 (10.1%)
65-69	107 (13.4%)	62 (15.2%)	40 (14.6%)	5 (2.4%)	21 (10.6%)
70-74	106 (13.2%)	42 (10.3%)	32 (11.7%)	5 (2.4%)	15 (7.5%)
75-79	83 (10.4%)	20 (4.9%)	30 (10.9%)	5 (2.4%)	17 (8.5%)
80-84	108 (13.5%)	26 (6.4%)	27 (9.9%)	2 (1.0%)	13 (6.5%)
85 dan lebih 85 and over	121 (15.1%)	27 (6.6%)	26 (9.5%)	1 (0.5%)	15 (7.5%)

Jadual 1.53: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Sarawak, 2024

Table 1.53: Selected causes of death (medically certified) by age group, Sarawak, 2024

Kumpulan umur Age group	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Kidney failure</i>	<i>Malignant neoplasms of bronchus or lung</i>	<i>Intracranial haemorrhage</i>
Jumlah Total	787	614	292	247	209
0	6 (0.8%)	-	-	-	-
1-4	3 (0.4%)	-	-	-	-
5-9	1 (0.1%)	-	-	-	-
10-14	-	1 (0.2%)	-	-	2 (1.0%)
15-19	5 (0.6%)	-	3 (1.0%)	-	1 (0.5%)
20-24	6 (0.8%)	1 (0.2%)	3 (1.0%)	-	-
25-29	4 (0.5%)	3 (0.5%)	5 (1.7%)	1 (0.4%)	5 (2.4%)
30-34	10 (1.3%)	6 (1.0%)	5 (1.7%)	1 (0.4%)	8 (3.8%)
35-39	19 (2.4%)	22 (3.6%)	8 (2.7%)	5 (2.0%)	8 (3.8%)
40-44	24 (3.0%)	26 (4.2%)	9 (3.1%)	3 (1.2%)	6 (2.9%)
45-49	34 (4.3%)	34 (5.5%)	15 (5.1%)	22 (8.9%)	22 (10.5%)
50-54	28 (3.6%)	54 (8.8%)	14 (4.8%)	24 (9.7%)	18 (8.6%)
55-59	36 (4.6%)	72 (11.7%)	24 (8.2%)	28 (11.3%)	18 (8.6%)
60-64	53 (6.7%)	83 (13.5%)	37 (12.7%)	27 (10.9%)	18 (8.6%)
65-69	76 (9.7%)	61 (9.9%)	36 (12.3%)	45 (18.2%)	21 (10.0%)
70-74	110 (14.0%)	93 (15.1%)	35 (12.0%)	31 (12.6%)	23 (11.0%)
75-79	134 (17.0%)	63 (10.3%)	35 (12.0%)	28 (11.3%)	20 (9.6%)
80-84	95 (12.1%)	46 (7.5%)	31 (10.6%)	20 (8.1%)	19 (9.1%)
85 dan lebih 85 and over	143 (18.2%)	49 (8.0%)	32 (11.0%)	12 (4.9%)	20 (9.6%)

Jadual 1.54: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Selangor, 2024

Table 1.54: Selected causes of death (medically certified) by age group, Selangor, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Pneumonia	Diabetes mellitus	Transport accidents	Kidney failure
Jumlah Total	3,038	2,425	827	807	623
0	-	25 (1.0%)	-	2 (0.2%)	-
1-4	-	5 (0.2%)	-	6 (0.7%)	-
5-9	-	3 (0.1%)	-	6 (0.7%)	-
10-14	2 (0.1%)	8 (0.3%)	-	10 (1.2%)	-
15-19	1 (0.0%)	8 (0.3%)	-	137 (17.0%)	1 (0.2%)
20-24	2 (0.1%)	14 (0.6%)	1 (0.1%)	140 (17.3%)	6 (1.0%)
25-29	12 (0.4%)	19 (0.8%)	3 (0.4%)	98 (12.1%)	1 (0.2%)
30-34	50 (1.6%)	24 (1.0%)	2 (0.2%)	61 (7.6%)	10 (1.6%)
35-39	106 (3.5%)	35 (1.4%)	7 (0.8%)	63 (7.8%)	11 (1.8%)
40-44	183 (6.0%)	47 (1.9%)	15 (1.8%)	52 (6.4%)	21 (3.4%)
45-49	285 (9.4%)	66 (2.7%)	33 (4.0%)	51 (6.3%)	26 (4.2%)
50-54	305 (10.0%)	90 (3.7%)	44 (5.3%)	44 (5.5%)	43 (6.9%)
55-59	393 (12.9%)	147 (6.1%)	76 (9.2%)	28 (3.5%)	60 (9.6%)
60-64	364 (12.0%)	220 (9.1%)	99 (12.0%)	33 (4.1%)	60 (9.6%)
65-69	388 (12.8%)	258 (10.6%)	108 (13.1%)	27 (3.3%)	73 (11.7%)
70-74	304 (10.0%)	333 (13.7%)	111 (13.4%)	27 (3.3%)	105 (16.9%)
75-79	266 (8.8%)	361 (14.9%)	132 (16.0%)	13 (1.6%)	88 (14.1%)
80-84	179 (5.9%)	328 (13.5%)	85 (10.3%)	4 (0.5%)	48 (7.7%)
85 dan lebih 85 and over	198 (6.5%)	434 (17.9%)	111 (13.4%)	5 (0.6%)	70 (11.2%)

Jadual 1.55: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, Terengganu, 2024

Table 1.55: Selected causes of death (medically certified) by age group, Terengganu, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Diabetes mellitus	Pneumonia	Transport accidents	Stroke not known if ischaemic or haemorrhagic
Jumlah Total	616	606	596	205	198
0	-	-	3 (0.5%)	-	-
1-4	-	-	1 (0.2%)	3 (1.5%)	-
5-9	-	-	-	2 (1.0%)	-
10-14	-	-	1 (0.2%)	5 (2.4%)	-
15-19	-	-	1 (0.2%)	28 (13.7%)	-
20-24	2 (0.3%)	-	4 (0.7%)	34 (16.6%)	-
25-29	3 (0.5%)	1 (0.2%)	6 (1.0%)	13 (6.3%)	1 (0.5%)
30-34	4 (0.6%)	2 (0.3%)	11 (1.8%)	17 (8.3%)	-
35-39	28 (4.5%)	6 (1.0%)	12 (2.0%)	16 (7.8%)	1 (0.5%)
40-44	38 (6.2%)	14 (2.3%)	26 (4.4%)	20 (9.8%)	6 (3.0%)
45-49	50 (8.1%)	25 (4.1%)	23 (3.9%)	8 (3.9%)	4 (2.0%)
50-54	61 (9.9%)	32 (5.3%)	24 (4.0%)	10 (4.9%)	5 (2.5%)
55-59	64 (10.4%)	62 (10.2%)	39 (6.5%)	13 (6.3%)	13 (6.6%)
60-64	72 (11.7%)	76 (12.5%)	75 (12.6%)	6 (2.9%)	19 (9.6%)
65-69	88 (14.3%)	89 (14.7%)	75 (12.6%)	12 (5.9%)	28 (14.1%)
70-74	80 (13.0%)	74 (12.2%)	72 (12.1%)	7 (3.4%)	27 (13.6%)
75-79	68 (11.0%)	87 (14.4%)	97 (16.3%)	5 (2.4%)	37 (18.7%)
80-84	27 (4.4%)	73 (12.0%)	56 (9.4%)	3 (1.5%)	26 (13.1%)
85 dan lebih 85 and over	31 (5.0%)	65 (10.7%)	70 (11.7%)	3 (1.5%)	31 (15.7%)

**Jadual 1.56: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur,
W.P. Kuala Lumpur, 2024**

Table 1.56: Selected causes of death (medically certified) by age group, W.P. Kuala Lumpur, 2024

Kumpulan umur <i>Age group</i>	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Diabetes mellitus</i>	<i>Malignant neoplasms of bronchus or lung</i>	<i>Transport accidents</i>
Jumlah <i>Total</i>	1,035	855	443	205	198
0	-	6 (0.7%)	-	-	1 (0.5%)
1-4	-	2 (0.2%)	-	-	2 (1.0%)
5-9	-	2 (0.2%)	-	-	3 (1.5%)
10-14	-	-	-	-	3 (1.5%)
15-19	-	1 (0.1%)	-	-	20 (10.1%)
20-24	-	3 (0.4%)	2 (0.5%)	-	32 (16.2%)
25-29	6 (0.6%)	1 (0.1%)	-	-	21 (10.6%)
30-34	8 (0.8%)	2 (0.2%)	1 (0.2%)	2 (1.0%)	23 (11.6%)
35-39	25 (2.4%)	10 (1.2%)	5 (1.1%)	4 (2.0%)	25 (12.6%)
40-44	49 (4.7%)	12 (1.4%)	10 (2.3%)	6 (2.9%)	17 (8.6%)
45-49	75 (7.2%)	19 (2.2%)	10 (2.3%)	5 (2.4%)	6 (3.0%)
50-54	74 (7.1%)	17 (2.0%)	20 (4.5%)	9 (4.4%)	9 (4.5%)
55-59	120 (11.6%)	44 (5.1%)	36 (8.1%)	21 (10.2%)	7 (3.5%)
60-64	111 (10.7%)	67 (7.8%)	47 (10.6%)	25 (12.2%)	5 (2.5%)
65-69	125 (12.1%)	96 (11.2%)	50 (11.3%)	35 (17.1%)	8 (4.0%)
70-74	118 (11.4%)	102 (11.9%)	51 (11.5%)	39 (19.0%)	11 (5.6%)
75-79	117 (11.3%)	123 (14.4%)	54 (12.2%)	21 (10.2%)	2 (1.0%)
80-84	94 (9.1%)	143 (16.7%)	67 (15.1%)	21 (10.2%)	3 (1.5%)
85 dan lebih <i>85 and over</i>	113 (10.9%)	205 (24.0%)	90 (20.3%)	17 (8.3%)	-

Jadual 1.57: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, W.P. Labuan, 2024

Table 1.57: Selected causes of death (medically certified) by age group, W.P. Labuan, 2024

Kumpulan umur <i>Age group</i>	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Stroke not known if ischaemic or haemorrhagic</i>	<i>Malignant neoplasms of bronchus or lung</i>	<i>Heart failure</i>
Jumlah <i>Total</i>	45	34	14	9	8
0	-	1 (2.9%)	-	-	-
1-4	-	-	-	-	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	1 (2.2%)	-	-	-	-
30-34	-	2 (5.9%)	-	-	-
35-39	1 (2.2%)	1 (2.9%)	-	-	-
40-44	2 (4.4%)	1 (2.9%)	-	1 (11.1%)	-
45-49	3 (6.7%)	2 (5.9%)	-	-	1 (12.5%)
50-54	3 (6.7%)	-	2 (14.3%)	-	1 (12.5%)
55-59	3 (6.7%)	4 (11.8%)	4 (28.6%)	2 (22.2%)	-
60-64	4 (8.9%)	1 (2.9%)	-	-	-
65-69	10 (22.2%)	4 (11.8%)	3 (21.4%)	1 (11.1%)	3 (37.5%)
70-74	4 (8.9%)	3 (8.8%)	1 (7.1%)	4 (44.4%)	1 (12.5%)
75-79	6 (13.3%)	5 (14.7%)	1 (7.1%)	1 (11.1%)	1 (12.5%)
80-84	4 (8.9%)	3 (8.8%)	1 (7.1%)	-	-
85 dan lebih <i>85 and over</i>	4 (8.9%)	7 (20.6%)	2 (14.3)	-	1 (12.5%)

Jadual 1.58: Sebab kematian terpilih (disahkan secara perubatan) mengikut kumpulan umur, W.P. Putrajaya, 2024

Table 1.58: Selected causes of death (medically certified) by age group, W.P. Putrajaya, 2024

Kumpulan umur Age group	Ischaemic heart diseases	Diabetes mellitus	Malignant neoplasms of breast	Pneumonia	Malignant neoplasms of large intestine, anus, and anal canal
Jumlah Total	38	20	18	16	11
0	-	-	-	2 (12.5%)	-
1-4	-	-	-	1 (6.3%)	-
5-9	-	-	-	-	-
10-14	-	-	-	-	-
15-19	-	-	-	-	-
20-24	-	-	-	-	-
25-29	-	-	-	-	-
30-34	-	-	1 (5.6%)	2 (12.5%)	-
35-39	2 (5.3%)	-	2 (11.1%)	1 (6.3%)	-
40-44	3 (7.9%)	-	3 (16.7%)	1 (6.3%)	1 (9.1%)
45-49	9 (23.7%)	-	1 (5.6%)	1 (6.3%)	1 (9.1%)
50-54	4 (10.5%)	2 (10.0%)	1 (5.6%)	-	1 (9.1%)
55-59	5 (13.2%)	2 (10.0%)	1 (5.6%)	-	4 (36.4%)
60-64	3 (7.9%)	2 (10.0%)	4 (22.2%)	1 (6.3%)	-
65-69	4 (10.5%)	4 (20.0%)	2 (11.1%)	3 (18.8%)	2 (18.2%)
70-74	4 (10.5%)	4 (20.0%)	1 (5.6%)	1 (6.3%)	-
75-79	3 (7.9%)	3 (15.0%)	1 (5.6%)	1 (6.3%)	2 (18.2%)
80-84	1 (2.6%)	2 (10.0%)	1 (5.6%)	2 (12.5%)	-
85 dan lebih 85 and over	-	1 (5.0%)	-	-	-

**Jadual 1.59: Sebab kematian (disahkan secara perubatan) mengikut senarai tabulasi mortaliti, ICD-11
Malaysia, 2024**

Table 1.59: Causes of death (medically certified) by mortality tabulation, ICD-11, Malaysia, 2024

Sebab kematian/ Causes of death	Bil. No.
1. Abortive outcome of pregnancy	2
2. Acute hepatitis A	1
3. Ageing associated decline in intrinsic capacity	847
4. Alcoholic liver disease	104
5. Alzheimer disease	32
6. Amniotic fluid embolism	7
7. Antepartum hemorrhage	4
8. Asthma	569
9. Birth injury	3
10. Cardiovascular disorders present in the perinatal or neonatal period	36
11. Cerebral ischaemia	2,148
12. Certain maternal diseases classifiable elsewhere but complicating pregnancy, childbirth or the puerperium	8
13. Certain specified obstetric trauma	2
14. Diseases of the ear or mastoid process	33
15. Diseases of the skin and subcutaneous tissue	746
16. Diseases of the musculoskeletal system or connective tissue	351
17. Diseases of the immune system	354
18. Sleep-wake disorders	31
19. Diseases of the visual system	18
20. Chromosomal anomalies, excluding gene mutations	347
21. Chronic obstructive pulmonary disease	1,471
22. COVID-19	64
23. Dementia due to unknown or unspecified cause, and neurocognitive disorders unspecified	170
24. Dengue	121
25. Diabetes mellitus	6,929
26. Diphtheria	4
27. Diseases of gallbladder or biliary tract	304
28. Diseases of pancreas	148
29. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	18
30. Disorders due to other substance use	14
31. Disorders due to use of alcohol	28
32. Disorders due to use of opioids	2
33. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	593
34. Ectopic pregnancy	4
35. Events of undetermined intent	1,248
36. Excessive vomiting in pregnancy	3
37. Exposure to extreme forces of nature	7
38. Glomerular diseases	50
39. Heart failure	2,134
40. Heart valve diseases	290
41. Human immunodeficiency virus disease with tuberculosis	68

**Jadual 1.59: Sebab kematian (disahkan secara perubatan) mengikut senarai tabulasi mortaliti, ICD-11
Malaysia, 2024 (samb.)**

Table 1.59: Causes of death (medically certified) by mortality tabulation, ICD-11, Malaysia, 2024 (cont'd)

Sebab kematian/ Causes of death	Bil. No.
42. Human immunodeficiency virus disease without mention of tuberculosis or malaria	172
43. Hypertensive heart disease	471
44. Hypertensive renal disease	643
45. Infections in the puerperium	2
46. Infections of the fetus or newborn	58
47. Inflammatory bowel diseases	14
48. Influenza	144
49. Intentional self-harm	1,119
50. Intracranial haemorrhage	3,201
51. Iron deficiency anaemia	52
52. Ischaemic heart diseases	17,421
53. Kidney failure	3,911
54. Leishmaniasis	1
55. Lung diseases due to external agents	2,247
56. Lymphoid Neoplasms	752
57. Malaria	7
58. Malignant neoplasms of bladder	193
59. Malignant neoplasms of breast	2,173
60. Malignant neoplasms of bronchus or lung	2,795
61. Malignant neoplasms of cervix uteri	455
62. Malignant neoplasms of gall bladder and biliary tract	213
63. Malignant neoplasms of ill-defined or unspecified primary sites	1,120
64. Malignant neoplasms of kidney and renal pelvis	318
65. Malignant neoplasms of large intestine, anus, and anal canal	2,518
66. Malignant neoplasms of larynx	81
67. Malignant neoplasms of lip, oral cavity or pharynx	658
68. Malignant neoplasms of liver or intrahepatic bile ducts	1,563
69. Malignant neoplasms of oesophagus	202
70. Malignant neoplasms of other parts of uterus	415
71. Malignant neoplasms of ovary	448
72. Malignant neoplasms of pancreas	750
73. Malignant neoplasms of prostate	659
74. Malignant neoplasms of skin	137
75. Malignant neoplasms of stomach	406
76. Maternal care for other conditions predominantly related to pregnancy	1
77. Maternal care related to certain specified disorder of amniotic fluid or membrane	2
78. Maternal infectious diseases complicating pregnancy, childbirth and the puerperium	2
79. Meningococcal disease	7
80. Metabolic disorders	1,889
81. Missed abortion	1
82. Multiple sclerosis	4

**Jadual 1.59: Sebab kematian (disahkan secara perubatan) mengikut senarai tabulasi mortaliti, ICD-11
Malaysia, 2024 (samb.)**

Table 1.59: Causes of death (medically certified) by mortality tabulation, ICD-11, Malaysia, 2024 (cont'd)

Sebab kematian/ Causes of death	Bil. No.
83. Myeloid Neoplasms	548
84. Neoplasms of brain or central nervous system	569
85. Obstetric blood-clot embolism	13
86. Obstetric death of unspecified cause	2
87. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	16
88. Other acute lower respiratory infections	281
89. Other anaemias	342
90. Other and unspecified infectious gastroenteritis and colitis	380
91. Other and unspecified viral hepatitis	3
92. Other arthropod-borne viral fevers and viral haemorrhagic fevers	2
93. Other bacterial intestinal infectious	58
94. Other cerebrovascular diseases	844
95. Other chronic lower respiratory diseases	212
96. Other complications of pregnancy, childbirth or the puerperium	7
97. Other conditions originating in the perinatal period	340
98. Other developmental anomalies	374
99. Other diseases of blood or blood forming organs	268
100. Other diseases of liver	1,368
101. Other diseases of the circulatory system	3,425
102. Other diseases of the digestive system	1,051
103. Other diseases of the genitourinary system	1,450
104. Other diseases of the nervous system	1,120
105. Other diseases of the respiratory system	1,365
106. Other disorders with neurocognitive impairment as a major feature	7
107. Other endocrine, nutritional or metabolic diseases	459
108. Other external causes of morbidity and mortality	549
109. Other hypertensive diseases	2,831
110. Other infectious diseases	2,903
111. Other malignant neoplasms	1,291
112. Other mental, behavioural or neurodevelopmental disorders	106
113. Other neoplasms of the haematopoietic and lymphoid tissues	595
114. Other symptoms, signs or clinical findings, not elsewhere classified	2,502
115. Other types of assault	14
116. Other unintentional causes	1,325
117. Other white matter disorders	10
118. Parkinson disease	111
119. Plague	12
120. Pneumonia	15,332
121. Poliomyelitis	1
122. Post partum hemorrhage	10
123. Pulmonary thromboembolism	633

**Jadual 1.59: Sebab kematian (disahkan secara perubatan) mengikut senarai tabulasi mortaliti, ICD-11
Malaysia, 2024 (samb.)**

Table 1.59: Causes of death (medically certified) by mortality tabulation, ICD-11, Malaysia, 2024 (cont'd)

Sebab kematian/ Causes of death	Bil. No.
124. Rabies	4
125. Remainder of neoplasms	314
126. Respiratory disorders specific to the perinatal or neonatal period	215
127. Schizophrenia or other primary psychotic disorders	25
128. Sepsis not otherwise specified	6,720
129. Stroke not known if ischaemic or haemorrhagic	3,418
130. Structural developmental anomalies of the nervous system	94
131. Structural developmental anomaly of heart or great vessels	498
132. Sudden infant death syndrome	49
133. Syphilis	3
134. Tetanus	5
135. Transport accidents	4,428
136. Tuberculosis of other organs and systems, sequelae and unspecified	317
137. Tuberculosis of the respiratory system	1,027
138. Ulcer of stomach or duodenum	344
139. Undernutrition	83
140. Unintentional exposure to fire and other sources of heat	13
141. Unintentional exposure to or harmful effects of drugs, medicaments or biological substances	45
142. Unintentional exposure to or harmful effects of substances chiefly nonmedicinal as to source	59
143. Unintentional falls	452
144. Unintentional immersion, submersion or falling into water	334
145. Unintentional threat to breathing	72
146. Unknown cause	5,597
147. Venous complications in pregnancy	1
148. Viral hepatitis B	226
149. Viral hepatitis C	228
150. Whooping cough	6
Keseluruhan sebab All causes	133,844

Jadual 1.60: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2024

Table 1.60: Causes of death (non-medically certified), Malaysia, 2024

Sebab kematian Causes of death		Bil. No.
1.	AIDS/ HIV	28
2.	Alzheimer	9
3.	Anemia/ Anaemias	47
4.	Lelah/ Asthma	610
5.	Barah bibir, dalam mulut dan tekak/ Lips, oral and throat cancer	124
6.	Barah esofagus/ Esophagus cancer	36
7.	Barah hati/ Liver cancer	613
8.	Barah kolon, rektum dan dubur/ Colon, rectum and anus cancer	922
9.	Barah limfoma/ Lymphoma	106
10.	Barah otak dan lain-lain barah sistem saraf pusat/ Brain and other nervous system cancer	190
11.	Barah ovari/ Ovary cancer	109
12.	Barah pangkal rahim/ Cervix cancer	96
13.	Barah pankreas/ Pancreas cancer	192
14.	Barah payudara/ Breast cancer	617
15.	Barah perut/ Stomach cancer	150
16.	Barah peti suara/ Larynx cancer	9
17.	Barah prostat/ Prostate cancer	227
18.	Barah pundi kencing/ Urinary bladder cancer	42
19.	Barah rahim/ Uterus cancer	145
20.	Barah sel darah putih/ Leukaemia	82
21.	Barah trakea, bronkus dan paru-paru/ Trachea, bronchus and lung cancer	818
22.	Batuk kokol/ Whooping cough	-
23.	Bunuh diri/ Suicide	-
24.	Cirit birit/ Dysentery/ Diarrhea	5
25.	Darah tinggi/ Hypertension	2,642
26.	Demam campak/ Measles	-
27.	Demam malaria/ Malaria	-
28.	Demam viral dan dengan pendarahan/ Viral fevers and viral haemorrhagic fevers	5
29.	Demam/ Fever	36
30.	Dibunuh/ Homicide	-
31.	Gangguan mental dan tingkah laku/ Mental and behavioural disorders	-
32.	Gejala-gejala, tanda-tanda dan penemuan yang tidak normal/ Symptoms, signs and abnormal findings	16,503
33.	Hepatitis A, B dan C/ Hepatitis A, B and C	41

Jadual 1.60: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2024 (samb.)

Table 1.60: Causes of death (non-medically certified), Malaysia, 2024 (cont'd)

Sebab kematian Causes of death	Bil. No.
34. Jatuh/ Falls	18
35. Kebakaran/ Burning	1
36. Keadaan tertentu berpunca dalam tempoh perinatal/ Certain conditions originating in the perinatal period	-
37. Kebakaran/ Burning	-
38. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ Congenital malformations, deformations and chromosomal abnormalities	36
39. Kemalangan pengangkutan - udara, darat dan air/ Transport accidents - air, land and water	63
40. Kematian Ibu Bersalin/ Maternal death	-
41. Kencing manis/ Diabetes mellitus	3,043
42. Keracunan/ Poisoning	1
43. Kolera/ Cholera	-
44. Kuman dalam darah/ Septicaemia	54
45. Lain-lain barah/ Other cancer	1,294
46. Lain-lain penyakit/ Other diseases	2,337
47. Lain-lain penyakit berjangkit/ Other infectious diseases	146
48. Lain-lain penyakit berkaitan sistem peredaran darah/ Other disorders of circulatory system	59
49. Lain-lain penyakit sistem pernafasan/ Other diseases of the respiratory system	280
50. Mati lemas/ Drowning	30
51. Meningitis	25
52. Paru-paru berair/ Pulmonary edema	110
53. Penyakit hati/ Liver disease	166
54. Penyakit jangkitan melalui hubungan seksual/ Sexually transmitted disease	-
55. Penyakit jangkitan usus lain/ Other infection of intestines diseases	-
56. Penyakit jantung iskemia/ Ischaemic heart diseases	793
57. Penyakit lain berkaitan jantung/ Other heart diseases	3,355
58. Penyakit serebrovaskular/ Cerebrovascular diseases	2,329
59. Radang paru-paru/ Pneumonia	460
60. Sakit tua 65 tahun dan lebih/ Old age 65 years and over	25,944
61. Sebab-sebab kematian berpunca dari faktor luar/ Other external causes	41
62. Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ Difficulty in breathing [infant death for aged 28-364 days]	1
63. Tibi/ Batuk kering/ Tuberculosis	148
64. Ulser perut/ Gastric ulcer	10
Keseluruhan sebab All causes	65,148

Jadual 1.61: Kematian yang disahkan secara perubatan mengikut Bab ICD-11, Malaysia, 2024

Table 1.61: Medically certified deaths by ICD-11 Chapters, Malaysia, 2024

Sebab kematian/ Causes of death	Kod ICD-11 ICD-11 Code	Bil. No.	%
1. Certain infectious or parasitic diseases	1A00 - 1G0Z	12,420	9.3
2. Neoplasms	2A00 - 2F9Z	19,180	14.3
3. Diseases of the blood or blood-forming organs	3A00 - 3B8Z	662	0.5
4. Diseases of the immune system	4A00 - 4B2Y	354	0.3
5. Endocrine, nutritional or metabolic diseases	5A00 - 5D46	9,360	7.0
6. Mental, behavioural or neurodevelopmental disorders	6A00 - 6E6Z	345	0.3
7. Sleep-wake disorders	7A00 - 7B0Z	31	0.0
8. Diseases of the nervous system	8A00 - 8E66	10,895	8.1
9. Diseases of the visual system	9A00 - 9D9Z	18	0.0
10. Diseases of the ear or mastoid process	AA00 - AB93	33	0.0
11. Diseases of the circulatory system	BA00 - BE1F	27,848	20.8
12. Diseases of the respiratory system	CA00 - CB64	21,477	16.0
13. Diseases of the digestive system	DA00 - DE13	3,348	2.5
14. Diseases of the skin	EA00 - EL73	746	0.6
15. Diseases of the musculoskeletal system or connective tissue	FA00 - FB8Z	351	0.3
16. Diseases of the genitourinary system	GA00 - GC7C	5,411	4.0
17. Pregnancy, childbirth or the puerperium	JA00 - JB6Z	98	0.1
18. Certain conditions originating in the perinatal period	KA00 - KD3Y	1,245	0.9
19. Developmental anomalies	LA00 - LD5Z	2,160	1.6
20. Symptoms, signs or clinical findings, not elsewhere classified	MA00 - MH15	8,133	6.1
21. External causes of morbidity or mortality	PA00 - PL02	9,665	7.2
22. Codes for special purposes	RA00 - RA26	64	0.0
Keseluruhan sebab All causes		133,844	

Jadual 1.62: Kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2024

Table 1.62: Medically certified deaths by Chapters of Neoplasms, Malaysia, 2024

Sebab kematian/ <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 Code</i>	Bil. <i>No.</i>
1. Neoplasms of central nervous system or related structures	2A00-2A0Z	569
2. Neoplasms of haematopoietic or lymphoid tissues	2A20-2B3Z	1,895
3. Malignant mesenchymal neoplasms	2B50-2B5Z	428
4. Malignant neoplasms of lip, oral cavity or pharynx	2B60-2B6Y	658
5. Malignant neoplasms of digestive organs	2B70-2C1Z	5,825
6. Malignant neoplasms of middle ear, respiratory or intrathoracic organs	2C20-2C2Z	2,987
7. Malignant neoplasms of skin	2C30-2C3Z	137
8. Malignant neoplasms of peripheral nerves or autonomic nervous system	2C40-2C4Z	5
9. Malignant neoplasms of retroperitoneum, peritoneum or omentum	2C50-2C53	50
10. Malignant neoplasms of breast	2C60-2C6Z	2,173
11. Malignant neoplasms of female genital organs	2C70-2C7Z	1,369
12. Malignant neoplasms of male genital organs	2C80-2C8Z	740
13. Malignant neoplasms of urinary tract	2C90-2C9Z	546
14. Malignant neoplasms of eye or ocular adnexa	2D00-2D0Z	13
15. Malignant neoplasms of endocrine glands	2D10-2D1Z	231
16. Malignant neoplasms of ill-defined or unspecified primary sites	2D40-2D4Z	1,120
17. Malignant neoplasm metastases	2D50-2E2Z	7
18. In situ neoplasms, except of lymphoid, haematopoietic, central nervous system or related tissues	2E60-2E6Z	113
19. Benign neoplasms, except of lymphoid, haematopoietic, central nervous system or related tissues	2E80-2F3Z	60
20. Neoplasms of uncertain behaviour, except of lymphoid, haematopoietic, central nervous system or related tissues	2F70-2F7Z	39
21. Neoplasms of unknown behaviour, except of lymphoid, haematopoietic, central nervous system or related tissues	2F90-2F9Z	215
Keseluruhan sebab <i>All causes</i>		19,180

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KEMATIAN PERINATAL

PERINATAL DEATHS

PERANGKAAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 2.1: Kematian perinatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 2.1: Perinatal deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian perinatal Perinatal deaths			Kadar mortaliti perinatal Perinatal mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	3,293	1,809	1,484	7.9	8.4	7.4
Johor	363	213	150	7.1	8.0	6.1
Kedah	254	134	120	8.3	8.5	8.0
Kelantan	232	116	116	7.3	7.0	7.5
Melaka	104	50	54	8.3	7.7	8.9
Negeri Sembilan	130	75	55	8.8	10.0	7.6
Pahang	194	96	98	9.0	8.5	9.4
Perak	241	139	102	8.7	9.8	7.5
Perlis	31	16	15	8.7	8.8	8.5
Pulau Pinang	130	76	54	7.1	8.0	6.2
Sabah	383	233	150	9.1	10.7	7.3
Sarawak	246	131	115	8.1	8.4	7.8
Selangor	628	343	285	7.5	8.0	7.0
Terengganu	196	107	89	8.2	8.7	7.7
W.P. Kuala Lumpur	126	59	67	5.9	5.3	6.5
W.P. Labuan	18	10	8	13.7	14.3	13.0
W.P. Putrajaya	17	11	6	10.9	13.7	7.9

Kadar adalah bagi setiap 1,000 kelahiran

The rates are per 1,000 births

Jadual 2.2: Lima sebab kematian utama perinatal (disahkan secara perubatan) mengikut jantina, Malaysia, 2024

Table 2.2: Five principal causes of perinatal death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	415	30.5
	2. Chromosomal anomalies, excluding gene mutations	141	10.4
	3. Respiratory disorders specific to the perinatal or neonatal period	123	9.0
	4. Structural developmental anomaly of heart or great vessels	83	6.1
	5. Structural developmental anomalies of the nervous system	48	3.5
	Keseluruhan sebab All causes	1,361	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	225	29.5
	2. Respiratory disorders specific to the perinatal or neonatal period	79	10.3
	3. Chromosomal anomalies, excluding gene mutations	64	8.4
	4. Structural developmental anomaly of heart or great vessels	55	7.2
	5. Structural developmental anomalies of the nervous system	21	2.7
	Keseluruhan sebab All causes	764	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	190	31.8
	2. Chromosomal anomalies, excluding gene mutations	77	12.9
	3. Respiratory disorders specific to the perinatal or neonatal period	44	7.4
	4. Structural developmental anomaly of heart or great vessels	28	4.7
	5. Structural developmental anomalies of the nervous system	27	4.5
	Keseluruhan sebab All causes	597	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 2.3: Three principal causes of perinatal death (medically certified) by state, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Johor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		48	30.2	Kedah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		43	36.1
	2. Respiratory disorders specific to the perinatal or neonatal period		23	14.5		2. Chromosomal anomalies, excluding gene mutations		12	10.1
	3. Chromosomal anomalies, excluding gene mutations		16	10.1		3. Structural developmental anomalies of the nervous system		7	5.9
	Keseluruhan sebab All causes		159			Keseluruhan sebab All causes		119	
Kelantan	1. Chromosomal anomalies, excluding gene mutations		14	14.7	Melaka	1. Chromosomal anomalies, excluding gene mutations		15	30.0
	2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		12	12.6		2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		15	30.0
	3. Respiratory disorders specific to the perinatal or neonatal period		11	11.6		3. Respiratory disorders specific to the perinatal or neonatal period		5	10.0
	Keseluruhan sebab All causes		95			Keseluruhan sebab All causes		50	
Negeri Sembilan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		22	36.1	Pahang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		24	33.8
	2. Chromosomal anomalies, excluding gene mutations		5	8.2		2. Respiratory disorders specific to the perinatal or neonatal period		8	11.3
	3. Cardiovascular disorders present in the perinatal or neonatal period		4	6.6		3. Structural developmental anomaly of heart or great vessels		8	11.3
	Keseluruhan sebab All causes		61			Keseluruhan sebab All causes		71	
Perak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		39	36.4	Perlis	1. Infections of the fetus or newborn		3	17.6
	2. Respiratory disorders specific to the perinatal or neonatal period		11	10.3		2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		2	11.8
	3. Structural developmental anomaly of heart or great vessels		8	7.5		3. Respiratory disorders specific to the perinatal or neonatal period		2	11.8
	Keseluruhan sebab All causes		107			Keseluruhan sebab All causes		17	

Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 2.3: Three principal causes of perinatal death (medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Pulau Pinang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		13	27.7	Sabah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		37	28.2
	2. Structural developmental anomaly of heart or great vessels		6	12.8		2. Respiratory disorders specific to the perinatal or neonatal period		14	10.7
	3. Respiratory disorders specific to the perinatal or neonatal period		5	10.6		3. Chromosomal anomalies, excluding gene mutations		12	9.2
	Keseluruhan sebab All causes		47			Keseluruhan sebab All causes		131	
Sarawak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		32	29.4	Selangor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		85	34.7
	2. Structural developmental anomaly of heart or great vessels		11	10.1		2. Chromosomal anomalies, excluding gene mutations		23	9.4
	3. Chromosomal anomalies, excluding gene mutations		8	7.3		3. Respiratory disorders specific to the perinatal or neonatal period		22	9.0
	Keseluruhan sebab All causes		109			Keseluruhan sebab All causes		245	
Terengganu	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		24	27.6	W.P. Kuala Lumpur	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		10	21.7
	2. Chromosomal anomalies, excluding gene mutations		19	21.8		2. Chromosomal anomalies, excluding gene mutations		7	15.2
	3. Structural developmental anomalies of the nervous system		7	8.0		3. Structural developmental anomaly of heart or great vessels		5	10.9
	Keseluruhan sebab All causes		87			Keseluruhan sebab All causes		46	
W.P. Labuan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		5	41.7	W.P. Putrajaya	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		4	80.0
	2. Respiratory disorders specific to the perinatal or neonatal period		1	8.3		2. Structural developmental anomaly of heart or great vessels		1	20.0
	3. -					3. -			
	Keseluruhan sebab All causes		12			Keseluruhan sebab All causes		5	

KEMATIAN NEONATAL

NEONATAL DEATHS

PERANGKAAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 3.1: Kematian neonatal awal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 3.1: Early neonatal deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian neonatal awal Early neonatal deaths			Kadar mortaliti neonatal awal Early neonatal mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	1,400	789	611	3.4	3.7	3.0
Johor	159	97	62	3.1	3.7	2.5
Kedah	119	60	59	3.9	3.8	4.0
Kelantan	95	48	47	3.0	2.9	3.1
Melaka	50	19	31	4.0	2.9	5.1
Negeri Sembilan	61	35	26	4.1	4.7	3.6
Pahang	71	37	34	3.3	3.3	3.3
Perak	107	70	37	3.9	4.9	2.7
Perlis	17	10	7	4.8	5.5	4.0
Pulau Pinang	47	30	17	2.6	3.2	1.9
Sabah	170	105	65	4.0	4.8	3.2
Sarawak	109	62	47	3.6	4.0	3.2
Selangor	245	138	107	2.9	3.2	2.6
Terengganu	87	46	41	3.7	3.8	3.6
W.P. Kuala Lumpur	46	22	24	2.2	2.0	2.3
W.P. Labuan	12	8	4	9.2	11.4	6.5
W.P. Putrajaya	5	2	3	3.2	2.5	4.0

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, 2024

Table 3.2: Late neonatal deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	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	463	251	212	1.1	1.2	1.1
Johor	60	29	31	1.2	1.1	1.3
Kedah	32	18	14	1.0	1.1	0.9
Kelantan	36	23	13	1.1	1.4	0.8
Melaka	24	13	11	1.9	2.0	1.8
Negeri Sembilan	29	14	15	2.0	1.9	2.1
Pahang	18	8	10	0.8	0.7	1.0
Perak	32	16	16	1.2	1.1	1.2
Perlis	6	3	3	1.7	1.6	1.7
Pulau Pinang	20	13	7	1.1	1.4	0.8
Sabah	54	34	20	1.3	1.6	1.0
Sarawak	25	12	13	0.8	0.8	0.9
Selangor	81	44	37	1.0	1.0	0.9
Terengganu	26	14	12	1.1	1.1	1.0
W.P. Kuala Lumpur	16	8	8	0.8	0.7	0.8
W.P. Labuan	3	2	1	2.3	2.9	1.6
W.P. Putrajaya	1	-	1	0.6	-	1.3

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, 2024

Table 3.3: Neonatal deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian neonatal Neonatal deaths			Kadar mortaliti neonatal Neonatal mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	1,863	1,040	823	4.5	4.9	4.1
Johor	219	126	93	4.3	4.8	3.8
Kedah	151	78	73	4.9	5.0	4.9
Kelantan	131	71	60	4.1	4.3	3.9
Melaka	74	32	42	5.9	4.9	6.9
Negeri Sembilan	90	49	41	6.1	6.5	5.7
Pahang	89	45	44	4.1	4.0	4.3
Perak	139	86	53	5.0	6.1	3.9
Perlis	23	13	10	6.4	7.1	5.7
Pulau Pinang	67	43	24	3.7	4.5	2.8
Sabah	224	139	85	5.3	6.4	4.2
Sarawak	134	74	60	4.4	4.7	4.1
Selangor	326	182	144	3.9	4.3	3.6
Terengganu	113	60	53	4.8	4.9	4.6
W.P. Kuala Lumpur	62	30	32	2.9	2.7	3.1
W.P. Labuan	15	10	5	11.5	14.3	8.2
W.P. Putrajaya	6	2	4	3.9	2.5	5.3

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 secara perubatan) mengikut jantina, Malaysia, 2024

Table 3.4: Five principal causes of early neonatal death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	415	30.5
	2. Chromosomal anomalies, excluding gene mutations	141	10.4
	3. Respiratory disorders specific to the perinatal or neonatal period	123	9.0
	4. Structural developmental anomaly of heart or great vessels	83	6.1
	5. Structural developmental anomalies of the nervous system	48	3.5
	Keseluruhan sebab All causes	1,361	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	225	29.5
	2. Respiratory disorders specific to the perinatal or neonatal period	79	10.3
	3. Chromosomal anomalies, excluding gene mutations	64	8.4
	4. Structural developmental anomaly of heart or great vessels	55	7.2
	5. Structural developmental anomalies of the nervous system	21	2.7
	Keseluruhan sebab All causes	764	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	190	31.8
	2. Chromosomal anomalies, excluding gene mutations	77	12.9
	3. Respiratory disorders specific to the perinatal or neonatal period	44	7.4
	4. Structural developmental anomaly of heart or great vessels	28	4.7
	5. Structural developmental anomalies of the nervous system	27	4.5
	Keseluruhan sebab All causes	597	

Jadual 3.5: Lima sebab kematian utama neonatal akhir (disahkan secara perubatan) mengikut jantina, Malaysia, 2024

Table 3.5: Five principal causes of late neonatal death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	115	25.9
	2. Structural developmental anomaly of heart or great vessels	70	15.8
	3. Chromosomal anomalies, excluding gene mutations	58	13.1
	4. Respiratory disorders specific to the perinatal or neonatal period	29	6.5
	5. Pneumonia	15	3.4
	Keseluruhan sebab All causes	444	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	58	24.0
	2. Structural developmental anomaly of heart or great vessels	40	16.5
	3. Chromosomal anomalies, excluding gene mutations	25	10.3
	4. Respiratory disorders specific to the perinatal or neonatal period	14	5.8
	5. Pneumonia	11	4.5
	Keseluruhan sebab All causes	242	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	57	28.2
	2. Chromosomal anomalies, excluding gene mutations	33	16.3
	3. Structural developmental anomaly of heart or great vessels	30	14.9
	4. Respiratory disorders specific to the perinatal or neonatal period	15	7.4
	5. Infections of the fetus or newborn	6	3.0
	Keseluruhan sebab All causes	202	

Jadual 3.6: Lima sebab kematian utama neonatal (disahkan secara perubatan) mengikut jantina, Malaysia, 2024

Table 3.6: Five principal causes of neonatal death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	530	29.4
	2. Chromosomal anomalies, excluding gene mutations	199	11.0
	3. Structural developmental anomaly of heart or great vessels	153	8.5
	4. Respiratory disorders specific to the perinatal or neonatal period	152	8.4
	5. Structural developmental anomalies of the nervous system	52	2.9
	Keseluruhan sebab All causes	1,805	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	283	28.1
	2. Structural developmental anomaly of heart or great vessels	95	9.4
	3. Respiratory disorders specific to the perinatal or neonatal period	93	9.2
	4. Chromosomal anomalies, excluding gene mutations	89	8.8
	5. Structural developmental anomalies of the nervous system	25	2.5
	Keseluruhan sebab All causes	1,006	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	247	30.9
	2. Chromosomal anomalies, excluding gene mutations	110	13.8
	3. Respiratory disorders specific to the perinatal or neonatal period	59	7.4
	4. Structural developmental anomaly of heart or great vessels	58	7.3
	5. Infections of the fetus or newborn	27	3.4
	Keseluruhan sebab All causes	799	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 3.7: Three principal causes of neonatal death (medically certified) by state, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Johor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		71	32.4	Kedah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		53	35.1
	2. Respiratory disorders specific to the perinatal or neonatal period		27	12.3		2. Chromosomal anomalies, excluding gene mutations		18	11.9
	3. Chromosomal anomalies, excluding gene mutations		26	11.9		3. Structural developmental anomaly of heart or great vessels		13	8.6
	Keseluruhan sebab All causes		219			Keseluruhan sebab All causes		151	
Kelantan	1. Chromosomal anomalies, excluding gene mutations		23	17.6	Melaka	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		20	27.0
	2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		22	16.8		2. Chromosomal anomalies, excluding gene mutations		15	20.3
	3. Respiratory disorders specific to the perinatal or neonatal period		15	11.5		3. Structural developmental anomaly of heart or great vessels		8	10.8
	Keseluruhan sebab All causes		131			Keseluruhan sebab All causes		74	
Negeri Sembilan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		33	36.7	Pahang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		30	33.7
	2. Chromosomal anomalies, excluding gene mutations		10	11.1		2. Respiratory disorders specific to the perinatal or neonatal period		10	11.2
	3. Respiratory disorders specific to the perinatal or neonatal period		6	6.7		3. Structural developmental anomaly of heart or great vessels		10	11.2
	Keseluruhan sebab All causes		90			Keseluruhan sebab All causes		89	
Perak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		48	34.5	Perlis	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		3	13.0
	2. Respiratory disorders specific to the perinatal or neonatal period		15	10.8		2. Infections of the fetus or newborn		3	13.0
	3. Structural developmental anomaly of heart or great vessels		14	10.1		3. Respiratory disorders specific to the perinatal or neonatal period		3	13.0
	Keseluruhan sebab All causes		139			Keseluruhan sebab All causes		23	

Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 3.7: Three principal causes of neonatal death (medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Pulau Pinang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		19	28.4	Sabah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		43	25.9
	2. Cardiovascular disorders present in the perinatal or neonatal period		7	10.4		2. Respiratory disorders specific to the perinatal or neonatal period		18	10.8
	3. Structural developmental anomaly of heart or great vessels		7	10.4		3. Chromosomal anomalies, excluding gene mutations		13	7.8
	Keseluruhan sebab All causes		67			Keseluruhan sebab All causes		166	
Sarawak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		36	26.9	Selangor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		100	30.7
	2. Structural developmental anomaly of heart or great vessels		17	12.7		2. Chromosomal anomalies, excluding gene mutations		36	11.0
	3. Chromosomal anomalies, excluding gene mutations		10	7.5		3. Structural developmental anomaly of heart or great vessels		32	9.8
	Keseluruhan sebab All causes		134			Keseluruhan sebab All causes		326	
Terengganu	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		30	26.5	W.P. Kuala Lumpur	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		13	21.0
	2. Chromosomal anomalies, excluding gene mutations		23	20.4		2. Chromosomal anomalies, excluding gene mutations		8	12.9
	3. Respiratory disorders specific to the perinatal or neonatal period		9	8.0		3. Structural developmental anomaly of heart or great vessels		8	12.9
	Keseluruhan sebab All causes		113			Keseluruhan sebab All causes		62	
W.P. Labuan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		5	33.3	W.P. Putrajaya	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		4	66.7
	2. Structural developmental anomalies of the nervous system		2	13.3		2. Structural developmental anomaly of heart or great vessels		1	16.7
	3. Infections of the fetus or newborn		1	6.7		3. -		-	
	Keseluruhan sebab All causes		15			Keseluruhan sebab All causes		6	

KEMATIAN IBU BERSALIN

MATERNAL DEATHS

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 4.1: Kematian ibu bersalin (bilangan dan nisbah) mengikut negeri, Malaysia, 2024

Table 4.1: Maternal deaths (number and ratio) by state, Malaysia, 2024

Negeri State	Kematian ibu bersalin Maternal deaths	Nisbah mortaliti ibu bersalin Maternal mortality ratio
MALAYSIA	101	24.3
Johor	17	33.3
Kedah	5	16.3
Kelantan	7	22.0
Melaka	1	8.0
Negeri Sembilan	5	34.0
Pahang	2	9.3
Perak	10	36.2
Perlis	-	-
Pulau Pinang	3	16.5
Sabah	12	28.5
Sarawak	5	16.5
Selangor	22	26.5
Terengganu	5	21.1
W.P. Kuala Lumpur	6	28.3
W.P. Labuan	-	-
W.P. Putrajaya	1	64.6

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, 2024

Table 4.2: Five principal causes of maternal deaths (medically certified) Malaysia, 2024

Disahkan secara perubatan Medically certified	Bil. No.	%
1. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	18	17.8
2. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	16	15.8
3. Obstetric blood-clot embolism	13	12.9
4. Post partum hemorrhage	10	9.9
5. Amniotic fluid embolism	7	6.9
Keseluruhan sebab All causes	101	

Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2024
 Table 4.3: Three principal causes of maternal deaths (medically certified) by state, Malaysia, 2024

Johor			Kedah		
	Bil. No.	%		Bil. No.	%
1. Obstetric blood-clot embolism	3	17.6	Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	2	40.0
2. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	2	11.8	Post partum hemorrhage	2	40.0
3. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	2	11.8	Amniotic fluid embolism	1	20.0
Keseluruhan sebab All causes		17	Keseluruhan sebab All causes		5
Kelantan			Melaka		
	Bil. No.	%		Bil. No.	%
1. Excessive vomiting in pregnancy	2	28.6	Ectopic pregnancy	1	100.0
2. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	2	28.6	-		
3. Amniotic fluid embolism	1	14.3	-		
Keseluruhan sebab All causes		7	Keseluruhan sebab All causes		1
Negeri Sembilan			Pahang		
	Bil. No.	%		Bil. No.	%
1. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	2	40.0	Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	1	50.0
2. Abortive outcome of pregnancy	1	20.0	-		
3. Amniotic fluid embolism	1	20.0	-		
Keseluruhan sebab All causes		5	Keseluruhan sebab All causes		2
Perak			Perlis		
	Bil. No.	%		Bil. No.	%
1. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium	4	40.0	-		
2. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium	2	20.0	-		
3. Amniotic fluid embolism	1	10.0	-		
Keseluruhan sebab All causes		10	Keseluruhan sebab All causes		-

Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 4.3: Three principal causes of maternal deaths (medically certified) by state, Malaysia, 2024 (cont'd)

Pulau Pinang			Bil. No.	%	Sabah			Bil. No.	%
1. Obstetric blood-clot embolism			2	66.7	Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			2	16.7
2. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			1	33.3	Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium			2	16.7
3. -					Post partum hemorrhage			2	16.7
Keseluruhan sebab All causes			3		Keseluruhan sebab All causes			12	
Sarawak			Bil. No.	%	Selangor			Bil. No.	%
1. Antepartum hemorrhage			1	20.0	Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium			4	18.2
2. Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			1	20.0	Post partum hemorrhage			4	18.2
3. Ectopic pregnancy			1	20.0	Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			3	13.6
Keseluruhan sebab All causes			5		Keseluruhan sebab All causes			22	
Terengganu			Bil. No.	%	W.P. Kuala Lumpur			Bil. No.	%
1. Obstetric blood-clot embolism			2	40.0	Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			1	16.7
2. Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium			1	20.0	Ectopic pregnancy			1	16.7
3. Post partum hemorrhage			1	20.0	Obstetric blood-clot embolism			1	16.7
Keseluruhan sebab All causes			5		Keseluruhan sebab All causes			6	
W.P. Labuan			Bil. No.	%	W.P. Putrajaya			Bil. No.	%
1. -					Diseases of the circulatory system complicating pregnancy, childbirth or the puerperium			1	100.0
2. -					-				
3. -					-				
Keseluruhan sebab All causes			-		Keseluruhan sebab All causes			1	

KEMATIAN BAYI

INFANT DEATHS

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 5.1: Kematian bayi (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 5.1: Infant deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian bayi Infant deaths			Kadar mortaliti bayi Infant mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	2,974	1,645	1,329	7.2	7.7	6.6
Johor	360	201	159	7.1	7.6	6.5
Kedah	225	118	107	7.3	7.5	7.2
Kelantan	202	113	89	6.3	6.8	5.8
Melaka	103	46	57	8.2	7.1	9.4
Negeri Sembilan	138	69	69	9.4	9.2	9.6
Pahang	138	77	61	6.4	6.9	5.9
Perak	210	125	85	7.6	8.8	6.3
Perlis	31	14	17	8.7	7.7	9.7
Pulau Pinang	111	69	42	6.1	7.3	4.8
Sabah	405	236	169	9.6	10.9	8.3
Sarawak	221	129	92	7.3	8.3	6.3
Selangor	519	290	229	6.2	6.8	5.7
Terengganu	170	89	81	7.2	7.3	7.0
W.P. Kuala Lumpur	104	46	58	4.9	4.2	5.7
W.P. Labuan	21	14	7	16.0	20.0	11.5
W.P. Putrajaya	16	9	7	10.3	11.3	9.3

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 secara perubatan) mengikut jantina, Malaysia, 2024

Table 5.2: Ten principal causes of infant death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	589	20.6
	2. Structural developmental anomaly of heart or great vessels	345	12.1
	3. Chromosomal anomalies, excluding gene mutations	300	10.5
	4. Respiratory disorders specific to the perinatal or neonatal period	189	6.6
	5. Pneumonia	138	4.8
	6. Structural developmental anomalies of the nervous system	67	2.3
	7. Infections of the fetus or newborn	58	2.0
	8. Cardiovascular disorders present in the perinatal or neonatal period	36	1.3
	9. Metabolic disorders	22	0.8
	10. Transport accidents	16	0.6
	Keseluruhan sebab All causes	2,862	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	319	20.2
	2. Structural developmental anomaly of heart or great vessels	197	12.5
	3. Chromosomal anomalies, excluding gene mutations	142	9.0
	4. Respiratory disorders specific to the perinatal or neonatal period	112	7.1
	5. Pneumonia	82	5.2
	6. Structural developmental anomalies of the nervous system	32	2.0
	7. Infections of the fetus or newborn	29	1.8
	8. Cardiovascular disorders present in the perinatal or neonatal period	24	1.5
	9. Metabolic disorders	11	0.7
	10. Unintentional threat to breathing	9	0.6
	Keseluruhan sebab All causes	1,581	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	270	21.1
	2. Chromosomal anomalies, excluding gene mutations	158	12.3
	3. Structural developmental anomaly of heart or great vessels	148	11.6
	4. Respiratory disorders specific to the perinatal or neonatal period	77	6.0
	5. Pneumonia	56	4.4
	6. Structural developmental anomalies of the nervous system	35	2.7
	7. Infections of the fetus or newborn	29	2.3
	8. Cardiovascular disorders present in the perinatal or neonatal period	12	0.9
	9. Metabolic disorders	11	0.9
	10. Transport accidents	9	0.7
	Keseluruhan sebab All causes	1,281	

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 5.3: Three principal causes of infant death (medically certified) by state, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Johor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	82	22.8	Kedah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	60	26.7		
	2. Chromosomal anomalies, excluding gene mutations	41	11.4		2. Structural developmental anomaly of heart or great vessels	32	14.2		
	3. Structural developmental anomaly of heart or great vessels	34	9.4		3. Chromosomal anomalies, excluding gene mutations	23	10.2		
	Keseluruhan sebab All causes	360	Keseluruhan sebab All causes		225				
Kelantan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	31	15.3	Melaka	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	20	19.4		
	2. Chromosomal anomalies, excluding gene mutations	30	14.9		2. Chromosomal anomalies, excluding gene mutations	17	16.5		
	3. Respiratory disorders specific to the perinatal or neonatal period	20	9.9		3. Structural developmental anomaly of heart or great vessels	12	11.7		
	Keseluruhan sebab All causes	202	Keseluruhan sebab All causes		103				
Negeri Sembilan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	37	26.8	Pahang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	30	21.7		
	2. Chromosomal anomalies, excluding gene mutations	14	10.1		2. Structural developmental anomaly of heart or great vessels	21	15.2		
	3. Respiratory disorders specific to the perinatal or neonatal period	9	6.5		3. Chromosomal anomalies, excluding gene mutations	18	13.0		
	Keseluruhan sebab All causes	138	Keseluruhan sebab All causes		138				
Perak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	52	24.8	Perlis	1. Chromosomal anomalies, excluding gene mutations	5	16.1		
	2. Structural developmental anomaly of heart or great vessels	31	14.8		2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	4	12.9		
	3. Respiratory disorders specific to the perinatal or neonatal period	20	9.5		3. Infections of the fetus or newborn	3	9.7		
	Keseluruhan sebab All causes	210	Keseluruhan sebab All causes		31				

Jadual 5.3: Tiga sebab kematian utama bayi (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 5.3: Three principal causes of infant death (medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Pulau Pinang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		21	18.9	Sabah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		50	17.1
	2. Structural developmental anomaly of heart or great vessels		17	15.3		2. Structural developmental anomaly of heart or great vessels		41	14.0
	3. Respiratory disorders specific to the perinatal or neonatal period		9	8.1		3. Chromosomal anomalies, excluding gene mutations		21	7.2
	Keseluruhan sebab All causes		111			Keseluruhan sebab All causes		293	
Sarawak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		38	17.2	Selangor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		108	20.8
	2. Structural developmental anomaly of heart or great vessels		28	12.7		2. Structural developmental anomaly of heart or great vessels		65	12.5
	3. Chromosomal anomalies, excluding gene mutations		21	9.5		3. Chromosomal anomalies, excluding gene mutations		53	10.2
	Keseluruhan sebab All causes		221			Keseluruhan sebab All causes		519	
Terengganu	1. Chromosomal anomalies, excluding gene mutations		31	18.2	W.P. Kuala Lumpur	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		15	14.4
	2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		31	18.2		2. Structural developmental anomaly of heart or great vessels		15	14.4
	3. Structural developmental anomaly of heart or great vessels		16	9.4		3. Chromosomal anomalies, excluding gene mutations		12	11.5
	Keseluruhan sebab All causes		170			Keseluruhan sebab All causes		104	
W.P. Labuan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		6	28.6	W.P. Putrajaya	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		4	25.0
	2. Structural developmental anomalies of the nervous system		2	9.5		2. Pneumonia		2	12.5
	3. Infections of the fetus or newborn		1	4.8		3. Structural developmental anomaly of heart or great vessels		2	12.5
	Keseluruhan sebab All causes		21			Keseluruhan sebab All causes		16	

KEMATIAN KANAK-KANAK 1-4 TAHUN *TODDLER DEATHS 1-4 YEARS*

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 6.1: Kematian kanak-kanak 1-4 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 6.1: Toddler deaths 1-4 years (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian kanak-kanak Toddler deaths			Kadar mortaliti kanak-kanak Toddler mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	628	340	288	0.3	0.3	0.3
Johor	74	36	38	0.4	0.3	0.4
Kedah	44	26	18	0.3	0.4	0.3
Kelantan	54	31	23	0.4	0.4	0.3
Melaka	18	9	9	0.3	0.3	0.3
Negeri Sembilan	21	10	11	0.3	0.3	0.3
Pahang	35	18	17	0.4	0.4	0.4
Perak	38	19	19	0.3	0.3	0.3
Perlis	5	5	-	0.3	0.6	-
Pulau Pinang	19	15	4	0.2	0.3	0.1
Sabah	104	58	46	0.4	0.4	0.4
Sarawak	42	27	15	0.3	0.4	0.2
Selangor	109	51	58	0.3	0.2	0.3
Terengganu	32	18	14	0.3	0.4	0.3
W.P. Kuala Lumpur	26	12	14	0.3	0.3	0.3
W.P. Labuan	2	1	1	0.3	0.3	0.3
W.P. Putrajaya	5	4	1	0.6	1.0	0.3

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 secara perubatan) mengikut jantina, Malaysia, 2024

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Structural developmental anomaly of heart or great vessels	53	8.6
	2. Unintentional immersion, submersion or falling into water	52	8.5
	3. Pneumonia	51	8.3
	4. Transport accidents	39	6.4
	5. Chromosomal anomalies, excluding gene mutations	26	4.2
	6. Structural developmental anomalies of the nervous system	18	2.9
	7. Neoplasms of brain or central nervous system	15	2.4
	8. Unintentional falls	15	2.4
	9. Metabolic disorders	10	1.6
	10. Myeloid Neoplasms	10	1.6
	Keseluruhan sebab All causes	613	
Lelaki/ Male	1. Unintentional immersion, submersion or falling into water	35	10.5
	2. Structural developmental anomaly of heart or great vessels	32	9.6
	3. Pneumonia	28	8.4
	4. Transport accidents	17	5.1
	5. Chromosomal anomalies, excluding gene mutations	14	4.2
	6. Neoplasms of brain or central nervous system	7	2.1
	7. Structural developmental anomalies of the nervous system	7	2.1
	8. Unintentional falls	7	2.1
	9. Influenza	5	1.5
	10. Myeloid Neoplasms	5	1.5
	Keseluruhan sebab All causes	334	
Perempuan/ Female	1. Pneumonia	23	8.2
	2. Transport accidents	22	7.9
	3. Structural developmental anomaly of heart or great vessels	21	7.5
	4. Unintentional immersion, submersion or falling into water	17	6.1
	5. Chromosomal anomalies, excluding gene mutations	12	4.3
	6. Structural developmental anomalies of the nervous system	11	3.9
	7. Neoplasms of brain or central nervous system	8	2.9
	8. Unintentional falls	8	2.9
	9. Metabolic disorders	6	2.2
	10. Myeloid Neoplasms	5	1.8
	Keseluruhan sebab All causes	279	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified) by state, Malaysia, 2024

	Disahkan secara perubatan Medically certified	Bil. No.	%		Disahkan secara perubatan Medically certified	Bil. No.	%
Johor	1. Pneumonia	9	12.2	Kedah	1. Unintentional immersion, submersion or falling into water	6	13.6
	2. Structural developmental anomaly of heart or great vessels	8	10.8		2. Structural developmental anomaly of heart or great vessels	4	9.1
	3. Transport accidents	4	5.4		3. Pneumonia	2	4.5
	Keseluruhan sebab All causes	74			Keseluruhan sebab All causes	44	
Kelantan	1. Pneumonia	8	14.8	Melaka	1. Pneumonia	2	11.1
	2. Transport accidents	4	7.4		2. Structural developmental anomalies of the nervous system	2	11.1
	3. Unintentional immersion, submersion or falling into water	4	7.4		3. Structural developmental anomaly of heart or great vessels	2	11.1
	Keseluruhan sebab All causes	54			Keseluruhan sebab All causes	18	
Negeri Sembilan	1. Structural developmental anomaly of heart or great vessels	3	14.3	Pahang	1. Chromosomal anomalies, excluding gene mutations	4	11.4
	2. Transport accidents	3	14.3		2. Pneumonia	4	11.4
	3. Pneumonia	2	9.5		3. Structural developmental anomaly of heart or great vessels	2	5.7
	Keseluruhan sebab All causes	21			Keseluruhan sebab All causes	35	
Perak	1. Structural developmental anomaly of heart or great vessels	5	13.2	Perlis	1. Myeloid Neoplasms	1	20.0
	2. Unintentional immersion, submersion or falling into water	5	13.2		2. Neoplasms of brain or central nervous system	1	20.0
	3. Influenza	4	10.5		3. Pneumonia	1	20.0
	Keseluruhan sebab All causes	38			Keseluruhan sebab All causes	5	

Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Pulau Pinang	1. Structural developmental anomaly of heart or great vessels		4	21.1	Sabah	1. Pneumonia		8	9.0
	2. Metabolic disorders		2	10.5		2. Structural developmental anomalies of the nervous system		5	5.6
	3. Transport accidents		2	10.5		3. Structural developmental anomaly of heart or great vessels		5	5.6
	Keseluruhan sebab All causes		19			Keseluruhan sebab All causes		89	
Sarawak	1. Unintentional immersion, submersion or falling into water		4	9.5	Selangor	1. Unintentional immersion, submersion or falling into water		11	10.1
	2. Pneumonia		3	7.1		2. Chromosomal anomalies, excluding gene mutations		8	7.3
	3. Chromosomal anomalies, excluding gene mutations		2	4.8		3. Structural developmental anomaly of heart or great vessels		7	6.4
	Keseluruhan sebab All causes		42			Keseluruhan sebab All causes		109	
Terengganu	1. Neoplasms of brain or central nervous system		3	9.4	W.P. Kuala Lumpur	1. Structural developmental anomaly of heart or great vessels		5	19.2
	2. Structural developmental anomaly of heart or great vessels		3	9.4		2. Chromosomal anomalies, excluding gene mutations		3	11.5
	3. Transport accidents		3	9.4		3. Unintentional immersion, submersion or falling into water		3	11.5
	Keseluruhan sebab All causes		32			Keseluruhan sebab All causes		26	
W.P. Labuan	1. Asthma		1	50.0	W.P. Putrajaya	1. Pneumonia		1	20.0
	2. Unintentional immersion, submersion or falling into water		1	50.0		2. Structural developmental anomalies of the nervous system		1	20.0
	3. -					3. Structural developmental anomaly of heart or great vessels		1	20.0
	Keseluruhan sebab All causes		2			Keseluruhan sebab All causes		5	

KEMATIAN KURANG DARIPADA 5 TAHUN *UNDER-5 DEATHS*

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 7.1: Kematian kurang daripada 5 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 7.1: Under-5 deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian kurang daripada 5 tahun Under-5 deaths			Kadar mortaliti kurang daripada 5 tahun Under-5 mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	3,602	1,985	1,617	8.7	9.3	8.0
Johor	434	237	197	8.5	9.0	8.0
Kedah	269	144	125	8.8	9.2	8.4
Kelantan	256	144	112	8.0	8.7	7.3
Melaka	121	55	66	9.6	8.5	10.9
Negeri Sembilan	159	79	80	10.8	10.5	11.1
Pahang	173	95	78	8.0	8.5	7.6
Perak	248	144	104	9.0	10.2	7.7
Perlis	36	19	17	10.1	10.4	9.7
Pulau Pinang	130	84	46	7.2	8.9	5.3
Sabah	509	294	215	12.1	13.5	10.6
Sarawak	263	156	107	8.7	10.0	7.3
Selangor	628	341	287	7.6	8.0	7.1
Terengganu	202	107	95	8.5	8.8	8.3
W.P. Kuala Lumpur	130	58	72	6.1	5.3	7.0
W.P. Labuan	23	15	8	17.6	21.5	13.1
W.P. Putrajaya	21	13	8	13.6	16.4	10.6

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 secara perubatan) mengikut jantina, Malaysia, 2024

Table 7.2: Ten principal causes of under-5 death (medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	593	17.1
	2. Structural developmental anomaly of heart or great vessels	398	11.5
	3. Chromosomal anomalies, excluding gene mutations	326	9.4
	4. Respiratory disorders specific to the perinatal or neonatal period	195	5.6
	5. Pneumonia	189	5.4
	6. Structural developmental anomalies of the nervous system	85	2.4
	7. Infections of the fetus or newborn	58	1.7
	8. Unintentional immersion, submersion or falling into water	58	1.7
	9. Transport accidents	55	1.6
	10. Cardiovascular disorders present in the perinatal or neonatal period	36	1.0
	Keseluruhan sebab All causes	3,475	
Lelaki/ Male	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	320	16.7
	2. Structural developmental anomaly of heart or great vessels	229	12.0
	3. Chromosomal anomalies, excluding gene mutations	156	8.1
	4. Respiratory disorders specific to the perinatal or neonatal period	117	6.1
	5. Pneumonia	110	5.7
	6. Unintentional immersion, submersion or falling into water	40	2.1
	7. Structural developmental anomalies of the nervous system	39	2.0
	8. Infections of the fetus or newborn	29	1.5
	9. Cardiovascular disorders present in the perinatal or neonatal period	24	1.3
	10. Transport accidents	24	1.3
	Keseluruhan sebab All causes	1,915	
Perempuan/ Female	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	273	17.5
	2. Chromosomal anomalies, excluding gene mutations	170	10.9
	3. Structural developmental anomaly of heart or great vessels	169	10.8
	4. Pneumonia	79	5.1
	5. Respiratory disorders specific to the perinatal or neonatal period	78	5.0
	6. Structural developmental anomalies of the nervous system	46	2.9
	7. Transport accidents	31	2.0
	8. Infections of the fetus or newborn	29	1.9
	9. Unintentional immersion, submersion or falling into water	18	1.2
	10. Metabolic disorders	17	1.1
	Keseluruhan sebab All causes	1,560	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 7.3: Three principal causes of under-5 death (medically certified) by state, Malaysia, 2024

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified				
	Bil. No.	%		Bil. No.	%		
Johor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	82	18.9	Kedah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	61	22.7
	2. Chromosomal anomalies, excluding gene mutations	44	10.1		2. Structural developmental anomaly of heart or great vessels	36	13.4
	3. Structural developmental anomaly of heart or great vessels	42	9.7		3. Chromosomal anomalies, excluding gene mutations	24	8.9
	Keseluruhan sebab All causes	434			Keseluruhan sebab All causes	269	
Kelantan	1. Chromosomal anomalies, excluding gene mutations	32	12.5	Melaka	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	20	16.5
	2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	31	12.1		2. Chromosomal anomalies, excluding gene mutations	17	14.0
	3. Structural developmental anomaly of heart or great vessels	23	9.0		3. Structural developmental anomaly of heart or great vessels	14	11.6
	Keseluruhan sebab All causes	256			Keseluruhan sebab All causes	121	
Negeri Sembilan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	37	23.3	Pahang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	31	17.9
	2. Chromosomal anomalies, excluding gene mutations	15	9.4		2. Structural developmental anomaly of heart or great vessels	23	13.3
	3. Structural developmental anomaly of heart or great vessels	12	7.5		3. Chromosomal anomalies, excluding gene mutations	22	12.7
	Keseluruhan sebab All causes	159			Keseluruhan sebab All causes	173	
Perak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	52	21.0	Perlis	1. Chromosomal anomalies, excluding gene mutations	5	13.9
	2. Structural developmental anomaly of heart or great vessels	36	14.5		2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	4	11.1
	3. Respiratory disorders specific to the perinatal or neonatal period	20	8.1		3. Infections of the fetus or newborn	3	8.3
	Keseluruhan sebab All causes	248			Keseluruhan sebab All causes	36	

Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 7.3: Three principal causes of under-5 death (medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Disahkan secara perubatan Medically certified			Bil. No.	%
Pulau Pinang	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		21	16.2	Sabah	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		50	13.1
	2. Structural developmental anomaly of heart or great vessels		21	16.2		2. Structural developmental anomaly of heart or great vessels		46	12.0
	3. Respiratory disorders specific to the perinatal or neonatal period		9	6.9		3. Pneumonia		27	7.1
	Keseluruhan sebab All causes		130			Keseluruhan sebab All causes		382	
Sarawak	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		38	14.4	Selangor	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		109	17.4
	2. Structural developmental anomaly of heart or great vessels		29	11.0		2. Structural developmental anomaly of heart or great vessels		72	11.5
	3. Chromosomal anomalies, excluding gene mutations		23	8.7		3. Chromosomal anomalies, excluding gene mutations		61	9.7
	Keseluruhan sebab All causes		263			Keseluruhan sebab All causes		628	
Terengganu	1. Chromosomal anomalies, excluding gene mutations		31	15.3	W.P. Kuala Lumpur	1. Structural developmental anomaly of heart or great vessels		20	15.4
	2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		31	15.3		2. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		16	12.3
	3. Structural developmental anomaly of heart or great vessels		19	9.4		3. Chromosomal anomalies, excluding gene mutations		15	11.5
	Keseluruhan sebab All causes		202			Keseluruhan sebab All causes		130	
W.P. Labuan	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		6	26.1	W.P. Putrajaya	1. Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified		4	19.0
	2. Structural developmental anomalies of the nervous system		2	8.7		2. Pneumonia		3	14.3
	3. Asthma		1	4.3		3. Structural developmental anomaly of heart or great vessels		3	14.3
	Keseluruhan sebab All causes		23			Keseluruhan sebab All causes		21	

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, 2024

Table 8.1: Deaths of population aged 0-14 years (number and rate) by state and sex, Malaysia, 2024

Negeri State	Kematian penduduk berumur 0-14 tahun Deaths of population aged 0-14 years			Kadar mortaliti penduduk berumur 0-14 tahun Mortality rate of population aged 0-14 years		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	4,688	2,630	2,058	0.6	0.7	0.6
Johor	538	295	243	0.6	0.6	0.5
Kedah	353	204	149	0.7	0.7	0.6
Kelantan	345	202	143	0.6	0.7	0.6
Melaka	146	70	76	0.6	0.6	0.7
Negeri Sembilan	211	105	106	0.7	0.7	0.7
Pahang	249	132	117	0.6	0.6	0.6
Perak	340	193	147	0.6	0.7	0.6
Perlis	46	25	21	0.8	0.8	0.8
Pulau Pinang	158	102	56	0.5	0.6	0.4
Sabah	684	405	279	0.8	0.9	0.6
Sarawak	346	206	140	0.7	0.8	0.6
Selangor	793	439	354	0.5	0.6	0.5
Terengganu	254	143	111	0.7	0.8	0.7
W.P. Kuala Lumpur	173	78	95	0.5	0.4	0.5
W.P. Labuan	26	16	10	1.0	1.1	0.8
W.P. Putrajaya	26	15	11	0.6	0.7	0.5

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, 2024

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified		Bil. No.	%
Jumlah/ Total	1. Pneumonia	244	5.6
	2. Transport accidents	165	3.8
	3. Unintentional immersion, submersion or falling into water	117	2.7
	4. Neoplasms of brain or central nervous system	47	1.1
	5. Metabolic disorders	44	1.0
	6. Influenza	27	0.6
	7. Myeloid Neoplasms	25	0.6
	8. Unintentional threat to breathing	24	0.6
	9. Intracranial haemorrhage	22	0.5
	10. Unintentional falls	16	0.4
Keseluruhan sebab All causes		4,347	
Lelaki/ Male	1. Pneumonia	140	5.8
	2. Transport accidents	104	4.3
	3. Unintentional immersion, submersion or falling into water	84	3.5
	4. Neoplasms of brain or central nervous system	28	1.2
	5. Metabolic disorders	19	0.8
	6. Influenza	17	0.7
	7. Myeloid Neoplasms	15	0.6
	8. Intracranial haemorrhage	14	0.6
	9. Unintentional threat to breathing	14	0.6
	10. Heart failure	8	0.3
Keseluruhan sebab All causes		2,427	
Perempuan/ Female	1. Pneumonia	104	5.4
	2. Transport accidents	61	3.2
	3. Unintentional immersion, submersion or falling into water	33	1.7
	4. Metabolic disorders	25	1.3
	5. Neoplasms of brain or central nervous system	19	1.0
	6. Influenza	10	0.5
	7. Myeloid Neoplasms	10	0.5
	8. Unintentional threat to breathing	10	0.5
	9. Intracranial haemorrhage	8	0.4
	10. Unintentional falls	8	0.4
Keseluruhan sebab All causes		1,920	

Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2024 (samb.)

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2024 (cont'd)

Tidak disahkan secara perubatan Non-medically certified		Bil. No.	%
Jumlah/ Total	1. Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	7	2.1
	2. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	2.1
	3. Mati Lemas <i>Drowning</i>	7	2.1
	4. Lelah <i>Asthma</i>	5	1.5
	5. Barah sel darah putih <i>Leukaemia</i>	4	1.2
	6. Barah hati <i>Liver cancer</i>	2	0.6
	7. Demam <i>Fever</i>	2	0.6
	8. Barah limfoma <i>Lymphoma</i>	1	0.3
	9. Darah tinggi <i>Hypertension</i>	1	0.3
	10. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.3
	Keseluruhan sebab <i>All causes</i>	341	
Lelaki/ Male	1. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	3.4
	2. Lelah <i>Asthma</i>	4	2.0
	3. Barah sel darah putih <i>Leukaemia</i>	3	1.5
	4. Mati Lemas <i>Drowning</i>	3	1.5
	5. Barah hati <i>Liver cancer</i>	2	1.0
	6. Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	1.0
	7. Darah tinggi <i>Hypertension</i>	1	0.5
	8. Demam <i>Fever</i>	1	0.5
	9. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.5
	10. Meningitis	1	0.5
	Keseluruhan sebab <i>All causes</i>	203	
Perempuan/ Female	1. Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	5	3.6
	2. Mati Lemas <i>Drowning</i>	4	2.9
	3. Lelah <i>Asthma</i>	1	0.7
	4. Barah limfoma <i>Lymphoma</i>	1	0.7
	5. Barah sel darah putih <i>Leukaemia</i>	1	0.7
	6. Demam <i>Fever</i>	1	0.7
	7. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.7
	8. -		
	9. -		
	10. -		
	Keseluruhan sebab <i>All causes</i>	138	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2024

	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>	36	6.9	Lelah <i>Asthma</i>	1	6.7
	2. <i>Transport accidents</i>	18	3.4	Darah tinggi <i>Hypertension</i>	1	6.7
	3. <i>Unintentional immersion, submersion or falling into water</i>	10	1.9	Demam <i>Fever</i>	1	6.7
	Keseluruhan sebab <i>All causes</i>	523		Keseluruhan sebab <i>All causes</i>	15	
Kedah	1. <i>Transport accidents</i>	16	4.6	Demam <i>Fever</i>	1	14.3
	2. <i>Pneumonia</i>	11	3.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	14.3
	3. <i>Unintentional immersion, submersion or falling into water</i>	9	2.6	-		
	Keseluruhan sebab <i>All causes</i>	346		Keseluruhan sebab <i>All causes</i>	7	
Kelantan	1. <i>Pneumonia</i>	28	8.3	Lelah <i>Asthma</i>	1	11.1
	2. <i>Transport accidents</i>	14	4.2	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	11.1
	3. <i>Unintentional immersion, submersion or falling into water</i>	13	3.9	-		
	Keseluruhan sebab <i>All causes</i>	336		Keseluruhan sebab <i>All causes</i>	9	
Melaka	1. <i>Pneumonia</i>	11	7.6	-		
	2. <i>Transport accidents</i>	8	5.6	-		
	3. <i>Glomerular diseases</i>	2	1.4	-		
	Keseluruhan sebab <i>All causes</i>	144		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, 2024 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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. Pneumonia	11	5.3	-		
	2. Transport accidents	10	4.9	-		
	3. Neoplasms of brain or central nervous system	4	1.9	-		
	Keseluruhan sebab <i>All causes</i>	206		Keseluruhan sebab <i>All causes</i>	5	
Pahang	1. Pneumonia	19	8.1	Mati lemas <i>Drowning</i>	4	26.7
	2. Transport accidents	13	5.6	Lelah <i>Asthma</i>	2	13.3
	3. Unintentional immersion, submersion or falling into water	7	3.0	Barah sel darah putih <i>Leukaemia</i>	2	13.3
	Keseluruhan sebab <i>All causes</i>	234		Keseluruhan sebab <i>All causes</i>	15	
Perak	1. Pneumonia	18	5.5	Barah hati <i>Liver cancer</i>	1	7.1
	2. Transport accidents	15	4.6	Barah limfoma <i>Lymphoma</i>	1	7.1
	3. Unintentional immersion, submersion or falling into water	13	4.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	7.1
	Keseluruhan sebab <i>All causes</i>	326		Keseluruhan sebab <i>All causes</i>	14	
Perlis	1. Transport accidents	3	6.5	-		
	2. Neoplasms of brain or central nervous system	2	4.3	-		
	3. Pneumonia	2	4.3	-		
	Keseluruhan sebab <i>All causes</i>	46		Keseluruhan sebab <i>All causes</i>	-	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>	8	5.2	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	25.0
	2. <i>Transport accidents</i>	6	3.9	-		
	3. <i>Unintentional immersion, submersion or falling into water</i>	3	1.9	-		
	Keseluruhan sebab <i>All causes</i>	154		Keseluruhan sebab <i>All causes</i>	4	
Sabah	1. <i>Pneumonia</i>	30	6.3	Mati lemas <i>Drowning</i>	2	1.0
	2. <i>Unintentional immersion, submersion or falling into water</i>	13	2.7	Barah sel darah putih <i>Leukaemia</i>	1	0.5
	3. <i>Transport accidents</i>	12	2.5	-		
	Keseluruhan sebab <i>All causes</i>	479		Keseluruhan sebab <i>All causes</i>	205	
Sarawak	1. <i>Pneumonia</i>	10	3.2	-		
	2. <i>Transport accidents</i>	7	2.3	-		
	3. <i>Neoplasms of brain or central nervous system</i>	6	1.9	-		
	Keseluruhan sebab <i>All causes</i>	309		Keseluruhan sebab <i>All causes</i>	37	
Selangor	1. <i>Pneumonia</i>	41	5.3	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	14.3
	2. <i>Unintentional immersion, submersion or falling into water</i>	26	3.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	14.3
	3. <i>Transport accidents</i>	24	3.1	Barah hati <i>Liver cancer</i>	1	7.1
	Keseluruhan sebab <i>All causes</i>	779		Keseluruhan sebab <i>All causes</i>	14	

Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2024 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
Terengganu	1. Transport accidents	10	4.1	Lelah <i>Asthma</i>	1	12.5
	2. Neoplasms of brain or central nervous system	5	2.0	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	12.5
	3. Pneumonia	5	2.0	Meningitis	1	12.5
	Keseluruhan sebab <i>All causes</i>	246		Keseluruhan sebab <i>All causes</i>	8	
W.P. Kuala Lumpur	1. Pneumonia	10	6.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	16.7
	2. Transport accidents	9	5.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	16.7
	3. Unintentional immersion, submersion or falling into water	6	3.6	-		
	Keseluruhan sebab <i>All causes</i>	167		Keseluruhan sebab <i>All causes</i>	6	
W.P. Labuan	1. Asthma	1	3.8	-		
	2. Intracranial haemorrhage	1	3.8	-		
	3. Pneumonia	1	3.8	-		
	Keseluruhan sebab <i>All causes</i>	26		Keseluruhan sebab <i>All causes</i>	-	
W.P. Putrajaya	1. Pneumonia	3	11.5	-		
	2. Influenza	1	3.8	-		
	3. Myeloid Neoplasms	1	3.8	-		
	Keseluruhan sebab <i>All causes</i>	26		Keseluruhan sebab <i>All causes</i>	-	

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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, 2024

Table 9.1: Deaths of population aged 15-40 years (number and rate) by state and sex, Malaysia, 2024

Negeri State	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 Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	15,360	10,884	4,476	1.0	1.3	0.6
Johor	1,929	1,407	522	1.0	1.3	0.6
Kedah	1,311	935	376	1.4	1.8	0.8
Kelantan	970	671	299	1.2	1.6	0.7
Melaka	406	305	101	0.8	1.1	0.5
Negeri Sembilan	620	433	187	1.1	1.5	0.7
Pahang	902	650	252	1.2	1.6	0.8
Perak	1,280	908	372	1.2	1.5	0.8
Perlis	151	106	45	1.1	1.5	0.7
Pulau Pinang	691	491	200	0.9	1.2	0.5
Sabah	1,685	1,038	647	0.9	1.0	0.7
Sarawak	1,393	1,010	383	1.3	1.7	0.7
Selangor	2,589	1,903	686	0.8	1.1	0.5
Terengganu	646	441	205	1.2	1.6	0.8
W.P. Kuala Lumpur	722	537	185	0.8	1.0	0.4
W.P. Labuan	32	26	6	0.7	1.2	0.3
W.P. Putrajaya	33	23	10	0.7	1.0	0.4

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, 2024

Table 9.2: Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Jumlah/ Total	1. Transport accidents		2,547	20.0	Kencing manis Diabetes mellitus			106	4.0
	2. Ischaemic heart diseases		950	7.5	Darah tinggi Hypertension			60	2.3
	3. Pneumonia		742	5.8	Lelah Asthma			50	1.9
	4. Intentional self-harm		660	5.2	Penyakit jantung iskemia Ischaemic heart diseases			48	1.8
	5. Intracranial haemorrhage		340	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			46	1.7
	6. Kidney failure		228	1.8	Penyakit serebrovaskular Cerebrovascular diseases			46	1.7
	7. Malignant neoplasms of breast		197	1.5	Barah payudara Breast cancer			32	1.2
	8. Diabetes mellitus		167	1.3	Radang paru-paru Pneumonia			29	1.1
	9. Tuberculosis of the respiratory system		154	1.2	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water			27	1.0
	10. Heart failure		143	1.1	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer			25	0.9
Keseluruhan sebab All causes			12,724		Keseluruhan sebab All causes			2,636	
Lelaki/ Male	1. Transport accidents		2,277	24.7	Kencing manis Diabetes mellitus			65	3.9
	2. Ischaemic heart diseases		790	8.6	Penyakit jantung iskemia Ischaemic heart diseases			42	2.5
	3. Intentional self-harm		533	5.8	Darah tinggi Hypertension			38	2.3
	4. Pneumonia		475	5.2	Penyakit serebrovaskular Cerebrovascular diseases			35	2.1
	5. Intracranial haemorrhage		250	2.7	Lelah Asthma			33	2.0
	6. Kidney failure		135	1.5	Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and water			26	1.5
	7. Unintentional immersion, submersion or falling into water		122	1.3	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			23	1.4
	8. Tuberculosis of the respiratory system		105	1.1	Radang paru-paru Pneumonia			16	1.0
	9. Heart failure		101	1.1	Mati lemas Drowning			14	0.8
	10. Diabetes mellitus		97	1.1	Tibi/Batuk kering Tuberculosis			14	0.8
Keseluruhan sebab All causes			9,204		Keseluruhan sebab All causes			1,680	
Perempuan/ Female	1. Transport accidents		270	7.7	Kencing manis Diabetes mellitus			41	4.3
	2. Pneumonia		267	7.6	Barah payudara Breast cancer			32	3.3
	3. Malignant neoplasms of breast		195	5.5	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			23	2.4
	4. Ischaemic heart diseases		160	4.5	Darah tinggi Hypertension			22	2.3
	5. Intentional self-harm		127	3.6	Lelah Asthma			17	1.8
	6. Kidney failure		93	2.6	Anemia Anaemias			13	1.4
	7. Intracranial haemorrhage		90	2.6	Radang paru-paru Pneumonia			13	1.4
	8. Diabetes mellitus		70	2.0	Barah otak dan lain-lain barah sistem saraf pusat Brain and other nervous system cancer			12	1.3
	9. Malignant neoplasms of cervix uteri		61	1.7	Penyakit serebrovaskular Cerebrovascular diseases			11	1.2
	10. Lymphoid Neoplasms		53	1.5	Barah rahim Uterus cancer			9	0.9
Keseluruhan sebab All causes			3,520		Keseluruhan sebab All causes			956	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2024

Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%		Bil. No.	%
Johor	1. <i>Transport accidents</i>	38421.8	Kencing manis <i>Diabetes mellitus</i>	148.3	
	2. <i>Ischaemic heart diseases</i>	1438.1	Darah tinggi <i>Hypertension</i>	116.5	
	3. <i>Pneumonia</i>	985.6	Lelah <i>Asthma</i>	74.2	
	Keseluruhan sebab <i>All causes</i>	1,761	Keseluruhan sebab <i>All causes</i>	168	
Kedah	1. <i>Transport accidents</i>	27422.0	Lelah <i>Asthma</i>	57.5	
	2. <i>Ischaemic heart diseases</i>	1108.8	Darah tinggi <i>Hypertension</i>	46.0	
	3. <i>Pneumonia</i>	927.4	Anemia <i>Anaemias</i>	34.5	
	Keseluruhan sebab <i>All causes</i>	1,244	Keseluruhan sebab <i>All causes</i>	67	
Kelantan	1. <i>Transport accidents</i>	14216.7	Lelah <i>Asthma</i>	65.1	
	2. <i>Ischaemic heart diseases</i>	698.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	65.1	
	3. <i>Pneumonia</i>	657.6	Barah payudara <i>Breast cancer</i>	54.2	
	Keseluruhan sebab <i>All causes</i>	852	Keseluruhan sebab <i>All causes</i>	118	
Melaka	1. <i>Transport accidents</i>	10930.4	Kencing manis <i>Diabetes mellitus</i>	48.5	
	2. <i>Ischaemic heart diseases</i>	215.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	36.4	
	3. <i>Pneumonia</i>	154.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	36.4	
	Keseluruhan sebab <i>All causes</i>	359	Keseluruhan sebab <i>All causes</i>	47	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>	141	24.4	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	4	9.8
	2. <i>Ischaemic heart diseases</i>	48	8.3	Kencing manis <i>Diabetes mellitus</i>	3	7.3
	3. <i>Intentional self-harm</i>	28	4.8	Lelah <i>Asthma</i>	2	4.9
	Keseluruhan sebab <i>All causes</i>	579		Keseluruhan sebab <i>All causes</i>	41	
Pahang	1. <i>Transport accidents</i>	169	21.6	Kencing manis <i>Diabetes mellitus</i>	10	8.3
	2. <i>Ischaemic heart diseases</i>	72	9.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	8	6.7
	3. <i>Pneumonia</i>	51	6.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	5.0
	Keseluruhan sebab <i>All causes</i>	782		Keseluruhan sebab <i>All causes</i>	120	
Perak	1. <i>Transport accidents</i>	220	19.7	Kencing manis <i>Diabetes mellitus</i>	21	13.0
	2. <i>Ischaemic heart diseases</i>	80	7.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	9	5.6
	3. <i>Pneumonia</i>	72	6.4	Anemia <i>Anaemias</i>	4	2.5
	Keseluruhan sebab <i>All causes</i>	1,119		Keseluruhan sebab <i>All causes</i>	161	
Perlis	1. <i>Transport accidents</i>	24	18.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	19.0
	2. <i>Pneumonia</i>	14	10.8	Kencing manis <i>Diabetes mellitus</i>	2	9.5
	3. <i>Intracranial haemorrhage</i>	7	5.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	9.5
	Keseluruhan sebab <i>All causes</i>	130		Keseluruhan sebab <i>All causes</i>	21	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>	140	22.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	5.2
	2. <i>Ischaemic heart diseases</i>	56	8.8	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	5.2
	3. <i>Intentional self-harm</i>	47	7.4	Barah payudara <i>Breast cancer</i>	3	5.2
	Keseluruhan sebab <i>All causes</i>	633		Keseluruhan sebab <i>All causes</i>	58	
Sabah	1. <i>Transport accidents</i>	133	15.5	Lelah <i>Asthma</i>	8	1.0
	2. <i>Pneumonia</i>	53	6.2	Kencing manis <i>Diabetes mellitus</i>	7	0.8
	3. <i>Malignant neoplasms of breast</i>	28	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	0.7
	Keseluruhan sebab <i>All causes</i>	860		Keseluruhan sebab <i>All causes</i>	825	
Sarawak	1. <i>Transport accidents</i>	64	7.6	AIDS/HIV	1	0.2
	2. <i>Pneumonia</i>	49	5.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.2
	3. <i>Intentional self-harm</i>	36	4.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.2
	Keseluruhan sebab <i>All causes</i>	839		Keseluruhan sebab <i>All causes</i>	554	
Selangor	1. <i>Transport accidents</i>	505	22.1	Kencing manis <i>Diabetes mellitus</i>	24	7.8
	2. <i>Intentional self-harm</i>	197	8.6	Darah tinggi <i>Hypertension</i>	16	5.2
	3. <i>Ischaemic heart diseases</i>	196	8.6	Lelah <i>Asthma</i>	12	3.9
	Keseluruhan sebab <i>All causes</i>	2,281		Keseluruhan sebab <i>All causes</i>	308	

Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>	111	19.3	Kencing manis <i>Diabetes mellitus</i>	9	12.7
	2. <i>Ischaemic heart diseases</i>	40	7.0	Darah tinggi <i>Hypertension</i>	6	8.5
	3. <i>Pneumonia</i>	39	6.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	4.2
	Keseluruhan sebab <i>All causes</i>	575		Keseluruhan sebab <i>All causes</i>	71	
W.P. Kuala Lumpur	1. <i>Transport accidents</i>	124	19.1	Darah tinggi <i>Hypertension</i>	4	5.4
	2. <i>Intentional self-harm</i>	83	12.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	5.4
	3. <i>Ischaemic heart diseases</i>	44	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	5.4
	Keseluruhan sebab <i>All causes</i>	648		Keseluruhan sebab <i>All causes</i>	74	
W.P. Labuan	1. <i>Pneumonia</i>	3	10.3	Mati lemas <i>Drowning</i>	1	33.3
	2. <i>Transport accidents</i>	3	10.3	-		
	3. <i>Hypertensive renal disease</i>	2	6.9	-		
	Keseluruhan sebab <i>All causes</i>	29		Keseluruhan sebab <i>All causes</i>	3	
W.P. Putrajaya	1. <i>Malignant neoplasms of breast</i>	4	12.1	-		
	2. <i>Transport accidents</i>	4	12.1	-		
	3. <i>Pneumonia</i>	3	9.1	-		
	Keseluruhan sebab <i>All causes</i>	33		Keseluruhan sebab <i>All causes</i>	-	

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, 2024

Table 10.1: Deaths of population aged 41-59 years (number and rate) by state and sex, Malaysia, 2024

Negeri State	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 Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	40,172	26,330	13,842	5.5	7.0	3.9
Johor	5,058	3,335	1,723	5.6	7.0	4.0
Kedah	3,400	2,162	1,238	8.0	10.4	5.7
Kelantan	2,340	1,454	886	7.2	9.1	5.3
Melaka	1,168	766	402	5.5	7.1	3.8
Negeri Sembilan	1,610	1,041	569	6.4	8.2	4.6
Pahang	2,202	1,435	767	6.2	7.8	4.5
Perak	3,959	2,636	1,323	7.2	9.6	4.9
Perlis	393	245	148	6.1	8.0	4.4
Pulau Pinang	2,320	1,525	795	5.4	7.0	3.7
Sabah	3,474	2,265	1,209	5.5	6.9	4.0
Sarawak	3,324	2,201	1,123	5.9	7.7	4.0
Selangor	7,261	4,904	2,357	4.2	5.4	2.9
Terengganu	1,710	1,054	656	7.4	9.0	5.7
W.P. Kuala Lumpur	1,774	1,190	584	3.2	4.0	2.3
W.P. Labuan	93	55	38	4.5	5.2	3.8
W.P. Putrajaya	86	62	24	3.1	4.5	1.7

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, 2024

Table 10.2: Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan <i>Medically certified</i>				Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%		Bil. No.	%	
Jumlah/ Total	1. <i>Ischaemic heart diseases</i>	5,380	17.6	Kencing manis <i>Diabetes mellitus</i>	840	8.8
	2. <i>Pneumonia</i>	2,357	7.7	Darah tinggi <i>Hypertension</i>	636	6.7
	3. <i>Diabetes mellitus</i>	1,347	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	563	5.9
	4. <i>Intracranial haemorrhage</i>	1,072	3.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	323	3.4
	5. <i>Malignant neoplasms of breast</i>	979	3.2	Barah payudara <i>Breast cancer</i>	262	2.7
	6. <i>Kidney failure</i>	911	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	245	2.6
	7. <i>Transport accidents</i>	906	3.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	185	1.9
	8. <i>Malignant neoplasms of bronchus or lung</i>	668	2.2	Lelah <i>Asthma</i>	182	1.9
	9. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	608	2.0	Barah hati <i>Liver cancer</i>	146	1.5
	10. <i>Heart failure</i>	553	1.8	Radang paru-paru <i>Pneumonia</i>	81	0.8
Keseluruhan sebab <i>All causes</i>			30,611	Keseluruhan sebab <i>All causes</i>		9,561
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	4,401	21.9	Kencing manis <i>Diabetes mellitus</i>	523	8.4
	2. <i>Pneumonia</i>	1,507	7.5	Darah tinggi <i>Hypertension</i>	438	7.0
	3. <i>Diabetes mellitus</i>	782	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	394	6.3
	4. <i>Transport accidents</i>	752	3.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	282	4.5
	5. <i>Intracranial haemorrhage</i>	719	3.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	149	2.4
	6. <i>Kidney failure</i>	552	2.8	Lelah <i>Asthma</i>	134	2.1
	7. <i>Malignant neoplasms of bronchus or lung</i>	434	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	123	2.0
	8. <i>Heart failure</i>	381	1.9	Barah hati <i>Liver cancer</i>	108	1.7
	9. <i>Malignant neoplasms of liver or intrahepatic bile ducts</i>	338	1.7	Tibi/Batuk kering <i>Tuberculosis</i>	56	0.9
	10. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	332	1.7	Radang paru-paru <i>Pneumonia</i>	55	0.9
Keseluruhan sebab <i>All causes</i>			20,069	Keseluruhan sebab <i>All causes</i>		6,261
Perempuan/ Female	1. <i>Ischaemic heart diseases</i>	979	9.3	Kencing manis <i>Diabetes mellitus</i>	317	9.6
	2. <i>Malignant neoplasms of breast</i>	973	9.2	Barah payudara <i>Breast cancer</i>	262	7.9
	3. <i>Pneumonia</i>	850	8.1	Darah tinggi <i>Hypertension</i>	198	6.0
	4. <i>Diabetes mellitus</i>	565	5.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	169	5.1
	5. <i>Kidney failure</i>	359	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	96	2.9
	6. <i>Intracranial haemorrhage</i>	353	3.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	62	1.9
	7. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	276	2.6	Lelah <i>Asthma</i>	48	1.5
	8. <i>Malignant neoplasms of bronchus or lung</i>	234	2.2	Barah rahim <i>Uterus cancer</i>	47	1.4
	9. <i>Malignant neoplasms of ovary</i>	191	1.8	Barah ovari <i>Ovary cancer</i>	41	1.2
	10. <i>Malignant neoplasms of cervix uteri</i>	190	1.8	Barah pangkal rahim <i>Cervix cancer</i>	41	1.2
Keseluruhan sebab <i>All causes</i>			10,542	Keseluruhan sebab <i>All causes</i>		3,300

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2024

	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>	830	20.1	Kencing manis <i>Diabetes mellitus</i>	95	10.2
	2. <i>Pneumonia</i>	327	7.9	Darah tinggi <i>Hypertension</i>	85	9.1
	3. <i>Intracranial haemorrhage</i>	164	4.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	57	6.1
	Keseluruhan sebab <i>All causes</i>	4,124		Keseluruhan sebab <i>All causes</i>	934	
Kedah	1. <i>Ischaemic heart diseases</i>	580	18.8	Kencing manis <i>Diabetes mellitus</i>	52	16.3
	2. <i>Pneumonia</i>	273	8.9	Darah tinggi <i>Hypertension</i>	24	7.5
	3. <i>Diabetes mellitus</i>	259	8.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	24	7.5
	Keseluruhan sebab <i>All causes</i>	3,080		Keseluruhan sebab <i>All causes</i>	320	
Kelantan	1. <i>Ischaemic heart diseases</i>	397	21.0	Kencing manis <i>Diabetes mellitus</i>	62	13.9
	2. <i>Pneumonia</i>	186	9.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	48	10.8
	3. <i>Diabetes mellitus</i>	134	7.1	Darah tinggi <i>Hypertension</i>	36	8.1
	Keseluruhan sebab <i>All causes</i>	1,894		Keseluruhan sebab <i>All causes</i>	446	
Melaka	1. <i>Ischaemic heart diseases</i>	139	17.4	Kencing manis <i>Diabetes mellitus</i>	54	14.7
	2. <i>Pneumonia</i>	55	6.9	Darah tinggi <i>Hypertension</i>	41	11.2
	3. <i>Transport accidents</i>	34	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	20	5.4
	Keseluruhan sebab <i>All causes</i>	801		Keseluruhan sebab <i>All causes</i>	367	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>Ischaemic heart diseases</i>	282	21.2	Kencing manis <i>Diabetes mellitus</i>	30	10.8
	2. <i>Diabetes mellitus</i>	105	7.9	Darah tinggi <i>Hypertension</i>	26	9.4
	3. <i>Pneumonia</i>	74	5.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	6.5
	Keseluruhan sebab <i>All causes</i>	1,332		Keseluruhan sebab <i>All causes</i>	278	
Pahang	1. <i>Ischaemic heart diseases</i>	285	17.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	56	10.7
	2. <i>Pneumonia</i>	153	9.1	Kencing manis <i>Diabetes mellitus</i>	45	8.6
	3. <i>Diabetes mellitus</i>	63	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	38	7.3
	Keseluruhan sebab <i>All causes</i>	1,680		Keseluruhan sebab <i>All causes</i>	522	
Perak	1. <i>Ischaemic heart diseases</i>	407	13.8	Kencing manis <i>Diabetes mellitus</i>	127	12.5
	2. <i>Pneumonia</i>	324	11.0	Darah tinggi <i>Hypertension</i>	83	8.2
	3. <i>Intracranial haemorrhage</i>	119	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	83	8.2
	Keseluruhan sebab <i>All causes</i>	2,942		Keseluruhan sebab <i>All causes</i>	1,017	
Perlis	1. <i>Ischaemic heart diseases</i>	57	17.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	18.8
	2. <i>Pneumonia</i>	28	8.6	Kencing manis <i>Diabetes mellitus</i>	10	14.5
	3. <i>Diabetes mellitus</i>	17	5.2	Darah tinggi <i>Hypertension</i>	4	5.8
	Keseluruhan sebab <i>All causes</i>	324		Keseluruhan sebab <i>All causes</i>	69	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>	376	18.9	Kencing manis <i>Diabetes mellitus</i>	44	13.5
	2. <i>Pneumonia</i>	149	7.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	32	9.8
	3. <i>Diabetes mellitus</i>	91	4.6	Darah tinggi <i>Hypertension</i>	30	9.2
	Keseluruhan sebab <i>All causes</i>	1,993		Keseluruhan sebab <i>All causes</i>	327	
Sabah	1. <i>Ischaemic heart diseases</i>	146	7.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	57	3.7
	2. <i>Pneumonia</i>	123	6.4	Darah tinggi <i>Hypertension</i>	39	2.5
	3. <i>Malignant neoplasms of breast</i>	73	3.8	Kencing manis <i>Diabetes mellitus</i>	37	2.4
	Keseluruhan sebab <i>All causes</i>	1,928		Keseluruhan sebab <i>All causes</i>	1,546	
Sarawak	1. <i>Ischaemic heart diseases</i>	185	9.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	0.2
	2. <i>Pneumonia</i>	117	6.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	0.2
	3. <i>Malignant neoplasms of bronchus or lung</i>	76	3.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	0.1
	Keseluruhan sebab <i>All causes</i>	1,925		Keseluruhan sebab <i>All causes</i>	1,399	
Selangor	1. <i>Ischaemic heart diseases</i>	1,141	20.6	Kencing manis <i>Diabetes mellitus</i>	215	12.5
	2. <i>Pneumonia</i>	344	6.2	Darah tinggi <i>Hypertension</i>	178	10.3
	3. <i>Intracranial haemorrhage</i>	193	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	141	8.2
	Keseluruhan sebab <i>All causes</i>	5,537		Keseluruhan sebab <i>All causes</i>	1,724	

Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2024 (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>Ischaemic heart diseases</i>	210	15.0	Kencing manis <i>Diabetes mellitus</i>	37	11.9
	2. <i>Diabetes mellitus</i>	133	9.5	Darah tinggi <i>Hypertension</i>	33	10.6
	3. <i>Pneumonia</i>	107	7.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	33	10.6
	Keseluruhan sebab <i>All causes</i>	1,400		Keseluruhan sebab <i>All causes</i>	310	
W.P. Kuala Lumpur	1. <i>Ischaemic heart diseases</i>	313	20.9	Kencing manis <i>Diabetes mellitus</i>	32	11.6
	2. <i>Pneumonia</i>	88	5.9	Darah tinggi <i>Hypertension</i>	21	7.6
	3. <i>Diabetes mellitus</i>	74	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	6.9
	Keseluruhan sebab <i>All causes</i>	1,499		Keseluruhan sebab <i>All causes</i>	275	
W.P. Labuan	1. <i>Ischaemic heart diseases</i>	11	15.7	-		
	2. <i>Pneumonia</i>	7	10.0	-		
	3. <i>Stroke not known if ischaemic or haemorrhagic</i>	6	8.6	-		
	Keseluruhan sebab <i>All causes</i>	70		Keseluruhan sebab <i>All causes</i>	23	
W.P. Putrajaya	1. <i>Ischaemic heart diseases</i>	21	25.6	Darah tinggi <i>Hypertension</i>	2	50.0
	2. <i>Malignant neoplasms of large intestine, anus, and anal canal</i>	7	8.5	Barah limfoma <i>Lymphoma</i>	1	25.0
	3. <i>Intracranial haemorrhage</i>	6	7.3	-		
	Keseluruhan sebab <i>All causes</i>	82		Keseluruhan sebab <i>All causes</i>	4	

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, 2024

Table 11.1: Deaths of population aged 60 years and over (number and rate) by state and sex, Malaysia, 2024

Negeri State	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 Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	138,772	74,022	64,750	35.1	38.3	32.1
Johor	17,506	9,455	8,051	36.3	39.1	33.4
Kedah	11,751	5,989	5,762	39.7	43.3	36.5
Kelantan	8,007	4,129	3,878	38.1	42.5	34.3
Melaka	4,566	2,456	2,110	41.2	46.8	36.1
Negeri Sembilan	6,245	3,406	2,839	40.9	46.3	35.9
Pahang	7,163	3,962	3,201	41.1	46.2	36.2
Perak	15,369	8,056	7,313	40.2	45.3	35.7
Perlis	1,648	863	785	45.2	52.8	39.1
Pulau Pinang	9,559	4,994	4,565	41.8	45.5	38.4
Sabah	10,629	5,964	4,665	32.7	35.8	29.3
Sarawak	11,380	6,029	5,351	33.8	36.6	31.2
Selangor	22,459	12,137	10,322	25.9	27.4	24.2
Terengganu	5,058	2,610	2,448	41.9	46.1	38.2
W.P. Kuala Lumpur	7,035	3,745	3,290	33.6	36.3	30.9
W.P. Labuan	240	158	82	27.7	34.7	19.9
W.P. Putrajaya	157	69	88	35.6	33.5	37.6

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, 2024

Table 11.2: Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan <i>Medically certified</i>			Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Jumlah/ Total	1. Pneumonia	11,989	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		25,944	49.3	
	2. Ischaemic heart diseases	11,084	12.9	Kencing manis <i>Diabetes mellitus</i>		2,097	4.0	
	3. Diabetes mellitus	5,413	6.3	Darah tinggi <i>Hypertension</i>		1,945	3.7	
	4. Stroke not known if ischaemic or haemorrhagic	2,910	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		1,719	3.3	
	5. Kidney failure	2,766	3.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		631	1.2	
	6. Malignant neoplasms of bronchus or lung	2,048	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		620	1.2	
	7. Malignant neoplasms of large intestine, anus, and anal canal	1,785	2.1	Barah hati <i>Liver cancer</i>		452	0.9	
	8. Intracranial haemorrhage	1,767	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		422	0.8	
	9. Cerebral ischaemia	1,594	1.9	Lelah <i>Asthma</i>		373	0.7	
	10. Heart failure	1,423	1.7	Radang paru-paru <i>Pneumonia</i>		349	0.7	
Keseluruhan sebab <i>All causes</i>			86,162	Keseluruhan sebab <i>All causes</i>			52,610	
Lelaki/ Male	1. Ischaemic heart diseases	6,918	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		11,933	44.8	
	2. Pneumonia	6,434	13.6	Kencing manis <i>Diabetes mellitus</i>		1,046	3.9	
	3. Diabetes mellitus	2,673	5.6	Darah tinggi <i>Hypertension</i>		1,034	3.9	
	4. Stroke not known if ischaemic or haemorrhagic	1,487	3.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		959	3.6	
	5. Kidney failure	1,440	3.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		405	1.5	
	6. Malignant neoplasms of bronchus or lung	1,412	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		352	1.3	
	7. Malignant neoplasms of large intestine, anus, and anal canal	1,054	2.2	Barah hati <i>Liver cancer</i>		317	1.2	
	8. Intracranial haemorrhage	1,016	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>		294	1.1	
	9. Chronic obstructive pulmonary disease	986	2.1	Lelah <i>Asthma</i>		230	0.9	
	10. Cerebral ischaemia	860	1.8	Barah prostat <i>Prostate cancer</i>		212	0.8	
Keseluruhan sebab <i>All causes</i>			47,375	Keseluruhan sebab <i>All causes</i>			26,647	
Perempuan/ Female	1. Pneumonia	5,555	14.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>		14,011	54.0	
	2. Ischaemic heart diseases	4,166	10.7	Kencing manis <i>Diabetes mellitus</i>		1,051	4.0	
	3. Diabetes mellitus	2,740	7.1	Darah tinggi <i>Hypertension</i>		911	3.5	
	4. Stroke not known if ischaemic or haemorrhagic	1,423	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>		760	2.9	
	5. Kidney failure	1,326	3.4	Barah payudara <i>Breast cancer</i>		323	1.2	
	6. Malignant neoplasms of breast	986	2.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>		279	1.1	
	7. Intracranial haemorrhage	751	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>		215	0.8	
	8. Cerebral ischaemia	734	1.9	Radang paru-paru <i>Pneumonia</i>		169	0.7	
	9. Malignant neoplasms of large intestine, anus, and anal canal	731	1.9	Lelah <i>Asthma</i>		143	0.6	
	10. Metabolic disorders	706	1.8	Barah hati <i>Liver cancer</i>		135	0.5	
Keseluruhan sebab <i>All causes</i>			38,787	Keseluruhan sebab <i>All causes</i>			25,963	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state
Malaysia, 2024

	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>	1,736	14.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,404	64.7
	2. <i>Ischaemic heart diseases</i>	1,645	13.4	Kencing manis <i>Diabetes mellitus</i>	182	3.5
	3. <i>Diabetes mellitus</i>	722	5.9	Darah tinggi <i>Hypertension</i>	168	3.2
	Keseluruhan sebab <i>All causes</i>	12,242		Keseluruhan sebab <i>All causes</i>	5,264	
Kedah	1. <i>Ischaemic heart diseases</i>	1,659	17.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,240	60.3
	2. <i>Pneumonia</i>	1,430	14.7	Kencing manis <i>Diabetes mellitus</i>	153	7.4
	3. <i>Diabetes mellitus</i>	891	9.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	85	4.1
	Keseluruhan sebab <i>All causes</i>	9,695		Keseluruhan sebab <i>All causes</i>	2,056	
Kelantan	1. <i>Ischaemic heart diseases</i>	1,194	20.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	772	34.6
	2. <i>Pneumonia</i>	778	13.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	220	9.9
	3. <i>Diabetes mellitus</i>	476	8.2	Kencing manis <i>Diabetes mellitus</i>	208	9.3
	Keseluruhan sebab <i>All causes</i>	5,776		Keseluruhan sebab <i>All causes</i>	2,231	
Melaka	1. <i>Ischaemic heart diseases</i>	319	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,304	55.5
	2. <i>Pneumonia</i>	292	13.2	Kencing manis <i>Diabetes mellitus</i>	145	6.2
	3. <i>Diabetes mellitus</i>	102	4.6	Darah tinggi <i>Hypertension</i>	118	5.0
	Keseluruhan sebab <i>All causes</i>	2,216		Keseluruhan sebab <i>All causes</i>	2,350	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (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, 2024 (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>Diabetes mellitus</i>	570	13.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,319	67.7
	2. <i>Ischaemic heart diseases</i>	490	11.4	Kencing manis <i>Diabetes mellitus</i>	69	3.5
	3. <i>Pneumonia</i>	412	9.6	Darah tinggi <i>Hypertension</i>	56	2.9
	Keseluruhan sebab <i>All causes</i>	4,296		Keseluruhan sebab <i>All causes</i>	1,949	
Pahang	1. <i>Pneumonia</i>	685	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,494	56.3
	2. <i>Ischaemic heart diseases</i>	596	13.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	124	4.7
	3. <i>Diabetes mellitus</i>	265	5.9	Kencing manis <i>Diabetes mellitus</i>	123	4.6
	Keseluruhan sebab <i>All causes</i>	4,508		Keseluruhan sebab <i>All causes</i>	2,655	
Perak	1. <i>Pneumonia</i>	1,324	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,437	68.4
	2. <i>Ischaemic heart diseases</i>	862	11.6	Kencing manis <i>Diabetes mellitus</i>	292	3.7
	3. <i>Kidney failure</i>	233	3.1	Darah tinggi <i>Hypertension</i>	239	3.0
	Keseluruhan sebab <i>All causes</i>	7,424		Keseluruhan sebab <i>All causes</i>	7,945	
Perlis	1. <i>Ischaemic heart diseases</i>	184	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	157	40.6
	2. <i>Pneumonia</i>	146	11.6	Darah tinggi <i>Hypertension</i>	35	9.0
	3. <i>Diabetes mellitus</i>	96	7.6	Kencing manis <i>Diabetes mellitus</i>	33	8.5
	Keseluruhan sebab <i>All causes</i>	1,261		Keseluruhan sebab <i>All causes</i>	387	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (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, 2024 (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>	834	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,030	64.8
	2. <i>Ischaemic heart diseases</i>	714	11.1	Darah tinggi <i>Hypertension</i>	134	4.3
	3. <i>Diabetes mellitus</i>	369	5.7	Kencing manis <i>Diabetes mellitus</i>	117	3.7
	Keseluruhan sebab <i>All causes</i>	6,426		Keseluruhan sebab <i>All causes</i>	3,133	
Sabah	1. <i>Pneumonia</i>	595	12.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,091	35.9
	2. <i>Ischaemic heart diseases</i>	236	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	108	1.9
	3. <i>Kidney failure</i>	188	3.9	Darah tinggi <i>Hypertension</i>	78	1.3
	Keseluruhan sebab <i>All causes</i>	4,810		Keseluruhan sebab <i>All causes</i>	5,819	
Sarawak	1. <i>Pneumonia</i>	611	12.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	48	0.7
	2. <i>Ischaemic heart diseases</i>	395	8.1	Darah tinggi <i>Hypertension</i>	5	0.1
	3. <i>Kidney failure</i>	206	4.2	Kencing manis <i>Diabetes mellitus</i>	3	0.0
	Keseluruhan sebab <i>All causes</i>	4,874		Keseluruhan sebab <i>All causes</i>	6,506	
Selangor	1. <i>Pneumonia</i>	1,934	14.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4,803	53.7
	2. <i>Ischaemic heart diseases</i>	1,699	12.6	Kencing manis <i>Diabetes mellitus</i>	508	5.7
	3. <i>Diabetes mellitus</i>	646	4.8	Darah tinggi <i>Hypertension</i>	503	5.6
	Keseluruhan sebab <i>All causes</i>	13,522		Keseluruhan sebab <i>All causes</i>	8,937	

Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (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, 2024 (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>Diabetes mellitus</i>	464	12.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	602	44.0
	2. <i>Pneumonia</i>	445	12.1	Kencing manis <i>Diabetes mellitus</i>	139	10.2
	3. <i>Ischaemic heart diseases</i>	366	9.9	Darah tinggi <i>Hypertension</i>	116	8.5
	Keseluruhan sebab <i>All causes</i>	3,691		Keseluruhan sebab <i>All causes</i>	1,367	
W.P. Kuala Lumpur	1. <i>Pneumonia</i>	736	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,183	61.3
	2. <i>Ischaemic heart diseases</i>	678	13.3	Darah tinggi <i>Hypertension</i>	90	4.7
	3. <i>Diabetes mellitus</i>	359	7.0	Kencing manis <i>Diabetes mellitus</i>	68	3.5
	Keseluruhan sebab <i>All causes</i>	5,105		Keseluruhan sebab <i>All causes</i>	1,930	
W.P. Labuan	1. <i>Ischaemic heart diseases</i>	32	18.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	52	80.0
	2. <i>Pneumonia</i>	23	13.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	1.5
	3. <i>Stroke not known if ischaemic or haemorrhagic</i>	8	4.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	1.5
	Keseluruhan sebab <i>All causes</i>	175		Keseluruhan sebab <i>All causes</i>	65	
W.P. Putrajaya	1. <i>Diabetes mellitus</i>	16	11.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	8	50.0
	2. <i>Ischaemic heart diseases</i>	15	10.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	18.8
	3. <i>Malignant neoplasms of breast</i>	9	6.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	6.3
	Keseluruhan sebab <i>All causes</i>	141		Keseluruhan sebab <i>All causes</i>	16	

KEMATIAN PRAMATANG

PREMATURE DEATHS

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 12.1: Kematian pramatang (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2024

Table 12.1: Premature deaths (number and rate) by state and sex, Malaysia, 2024

Negeri State	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 Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	91,737	58,815	32,922	5.7	7.0	4.3
Johor	11,692	7,550	4,142	6.0	7.2	4.5
Kedah	7,928	4,873	3,055	8.3	10.3	6.3
Kelantan	5,424	3,310	2,114	7.5	9.2	5.8
Melaka	2,754	1,803	951	5.6	6.8	4.1
Negeri Sembilan	3,905	2,492	1,413	6.7	8.2	5.0
Pahang	5,086	3,269	1,817	6.7	8.1	5.2
Perak	9,016	5,780	3,236	7.5	9.3	5.6
Perlis	946	575	371	7.2	9.0	5.5
Pulau Pinang	5,307	3,436	1,871	5.7	7.3	4.1
Sabah	8,014	5,138	2,876	5.3	6.5	3.9
Sarawak	7,232	4,721	2,511	5.9	7.4	4.2
Selangor	15,980	10,515	5,465	4.3	5.3	3.1
Terengganu	3,834	2,326	1,508	7.5	8.8	6.0
W.P. Kuala Lumpur	4,232	2,773	1,459	3.6	4.3	2.7
W.P. Labuan	205	139	66	4.4	5.8	3.0
W.P. Putrajaya	182	115	67	3.2	4.3	2.2

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, 2024

Table 12.2: Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil.		Tidak disahkan secara perubatan Non-medically certified			Bil.	
			No.	%				No.	%
Jumlah/ Total	1.	Ischaemic heart diseases	10,509	15.6	Sakit tua 65 tahun dan lebih Old age 65 years and over			2,627	10.8
	2.	Pneumonia	6,008	8.9	Kencing manis Diabetes mellitus			1,856	7.7
	3.	Diabetes mellitus	3,313	4.9	Darah tinggi Hypertension			1,351	5.6
	4.	Transport accidents	2,085	3.1	Penyakit serebrovaskular Cerebrovascular diseases			1,257	5.2
	5.	Kidney failure	2,031	3.0	Penyakit jantung iskemia Ischaemic heart diseases			571	2.4
	6.	Intracranial haemorrhage	2,006	3.0	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			559	2.3
	7.	Malignant neoplasms of breast	1,728	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			462	1.9
	8.	Malignant neoplasms of bronchus or lung	1,672	2.5	Barah payudara Breast cancer			446	1.8
	9.	Malignant neoplasms of large intestine, anus, and anal canal	1,439	2.1	Barah hati Liver cancer			356	1.5
	10.	Stroke not known if ischaemic or haemorrhagic	1,227	1.8	Lelah Asthma			337	1.4
Keseluruhan sebab All causes			67,513		Keseluruhan sebab All causes			24,224	
Lelaki/ Male	1.	Ischaemic heart diseases	8,189	18.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,532	9.9
	2.	Pneumonia	3,729	8.6	Kencing manis Diabetes mellitus			1,111	7.2
	3.	Diabetes mellitus	1,893	4.4	Darah tinggi Hypertension			907	5.9
	4.	Transport accidents	1,751	4.0	Penyakit serebrovaskular Cerebrovascular diseases			863	5.6
	5.	Intracranial haemorrhage	1,346	3.1	Penyakit jantung iskemia Ischaemic heart diseases			483	3.1
	6.	Kidney failure	1,176	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			351	2.3
	7.	Malignant neoplasms of bronchus or lung	1,132	2.6	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			320	2.1
	8.	Malignant neoplasms of large intestine, anus, and anal canal	839	1.9	Barah hati Liver cancer			269	1.7
	9.	Malignant neoplasms of liver or intrahepatic bile ducts	791	1.8	Lelah Asthma			245	1.6
	10.	Heart failure	784	1.8	Radang paru-paru Pneumonia			116	0.8
Keseluruhan sebab All causes			43,372		Keseluruhan sebab All causes			15,443	
Perempuan/ Female	1.	Ischaemic heart diseases	2,320	9.6	Sakit tua 65 tahun dan lebih Old age 65 years and over			1,095	12.5
	2.	Pneumonia	2,279	9.4	Kencing manis Diabetes mellitus			745	8.5
	3.	Malignant neoplasms of breast	1,716	7.1	Barah payudara Breast cancer			446	5.1
	4.	Diabetes mellitus	1,420	5.9	Darah tinggi Hypertension			444	5.1
	5.	Kidney failure	855	3.5	Penyakit serebrovaskular Cerebrovascular diseases			394	4.5
	6.	Intracranial haemorrhage	660	2.7	Barah kolon, rektum dan dubur Colon, rectum and anus cancer			208	2.4
	7.	Malignant neoplasms of large intestine, anus, and anal canal	600	2.5	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer			142	1.6
	8.	Malignant neoplasms of bronchus or lung	540	2.2	Barah rahim Uterus cancer			104	1.2
	9.	Stroke not known if ischaemic or haemorrhagic	449	1.9	Lelah Asthma			92	1.0
	10.	Heart failure	401	1.7	Penyakit jantung iskemia Ischaemic heart diseases			88	1.0
Keseluruhan sebab All causes			24,141		Keseluruhan sebab All causes			8,781	

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024
Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2024

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Johor	1. Ischaemic heart diseases	1,599	17.3	Sakit tua 65 tahun dan lebih Old age 65 years and over			419	17.2	
	2. Pneumonia	880	9.5	Kencing manis Diabetes mellitus			199	8.2	
	3. Diabetes mellitus	421	4.5	Darah tinggi Hypertension			162	6.7	
	Keseluruhan sebab All causes		9,261	Keseluruhan sebab All causes			2,431		
Kedah	1. Ischaemic heart diseases	1,233	17.4	Kencing manis Diabetes mellitus			131	15.4	
	2. Pneumonia	715	10.1	Sakit tua 65 tahun dan lebih Old age 65 years and over			106	12.5	
	3. Diabetes mellitus	622	8.8	Darah tinggi Hypertension			56	6.6	
	Keseluruhan sebab All causes		7,079	Keseluruhan sebab All causes			849		
Kelantan	1. Ischaemic heart diseases	841	19.5	Kencing manis Diabetes mellitus			144	13.0	
	2. Pneumonia	456	10.6	Penyakit serebrovaskular Cerebrovascular diseases			113	10.2	
	3. Diabetes mellitus	337	7.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			84	7.6	
	Keseluruhan sebab All causes		4,314	Keseluruhan sebab All causes			1,110		
Melaka	1. Ischaemic heart diseases	290	15.8	Kencing manis Diabetes mellitus			102	11.1	
	2. Pneumonia	146	8.0	Sakit tua 65 tahun dan lebih Old age 65 years and over			97	10.5	
	3. Transport accidents	75	4.1	Darah tinggi Hypertension			84	9.1	
	Keseluruhan sebab All causes		1,831	Keseluruhan sebab All causes			923		

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)
Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Negeri Sembilan	1. Ischaemic heart diseases	524	16.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			156	20.1	
	2. Diabetes mellitus	288	9.2	Kencing manis Diabetes mellitus			67	8.6	
	3. Pneumonia	190	6.1	Darah tinggi Hypertension			41	5.3	
	Keseluruhan sebab All causes		3,130	Keseluruhan sebab All causes			775		
Pahang	1. Ischaemic heart diseases	577	15.4	Sakit tua 65 tahun dan lebih Old age 65 years and over			166	12.5	
	2. Pneumonia	376	10.0	Kencing manis Diabetes mellitus			102	7.7	
	3. Diabetes mellitus	161	4.3	Penyakit jantung iskemia Ischaemic heart diseases			87	6.5	
	Keseluruhan sebab All causes		3,756	Keseluruhan sebab All causes			1,330		
Perak	1. Ischaemic heart diseases	849	13.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			449	16.0	
	2. Pneumonia	746	12.0	Kencing manis Diabetes mellitus			276	9.9	
	3. Transport accidents	209	3.4	Penyakit serebrovaskular Cerebrovascular diseases			183	6.5	
	Keseluruhan sebab All causes		6,218	Keseluruhan sebab All causes			2,798		
Perlis	1. Ischaemic heart diseases	126	16.2	Penyakit jantung iskemia Ischaemic heart diseases			30	18.0	
	2. Pneumonia	71	9.1	Kencing manis Diabetes mellitus			28	16.8	
	3. Diabetes mellitus	46	5.9	Darah tinggi Hypertension			11	6.6	
	Keseluruhan sebab All causes		779	Keseluruhan sebab All causes			167		

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)
Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified			Bil. No.	%
Pulau Pinang	1. Ischaemic heart diseases	700	16.2	Sakit tua 65 tahun dan lebih Old age 65 years and over			199	20.2	
	2. Pneumonia	351	8.1	Kencing manis Diabetes mellitus			95	9.6	
	3. Diabetes mellitus	207	4.8	Penyakit serebrovaskular Cerebrovascular diseases			61	6.2	
	Keseluruhan sebab All causes		4,320	Keseluruhan sebab All causes			987		
Sabah	1. Pneumonia	334	7.7	Sakit tua 65 tahun dan lebih Old age 65 years and over			254	6.9	
	2. Ischaemic heart diseases	290	6.7	Penyakit serebrovaskular Cerebrovascular diseases			109	3.0	
	3. Kidney failure	149	3.4	Darah tinggi Hypertension			72	2.0	
	Keseluruhan sebab All causes		4,331	Keseluruhan sebab All causes			3,683		
Sarawak	1. Ischaemic heart diseases	358	8.8	Sakit tua 65 tahun dan lebih Old age 65 years and over			6	0.2	
	2. Pneumonia	280	6.9	Penyakit jantung iskemia Ischaemic heart diseases			5	0.2	
	3. Malignant neoplasms of bronchus or lung	155	3.8	Penyakit serebrovaskular Cerebrovascular diseases			5	0.2	
	Keseluruhan sebab All causes		4,065	Keseluruhan sebab All causes			3,167		
Selangor	1. Ischaemic heart diseases	2,074	17.9	Sakit tua 65 tahun dan lebih Old age 65 years and over			499	11.3	
	2. Pneumonia	887	7.7	Kencing manis Diabetes mellitus			474	10.8	
	3. Diabetes mellitus	384	3.3	Darah tinggi Hypertension			378	8.6	
	Keseluruhan sebab All causes		11,572	Keseluruhan sebab All causes			4,408		

Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2024 (samb.)
Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2024 (cont'd)

Disahkan secara perubatan Medically certified			Tidak disahkan secara perubatan Non-medically certified			
	Bil. No.	%		Bil. No.	%	
Terengganu	1. Ischaemic heart diseases	405	13.2	Kencing manis Diabetes mellitus	104	13.6
	2. Diabetes mellitus	306	10.0	Darah tinggi Hypertension	81	10.6
	3. Pneumonia	285	9.3	Penyakit serebrovaskular Cerebrovascular diseases	71	9.3
	Keseluruhan sebab All causes	3,071		Keseluruhan sebab All causes	763	
W.P. Kuala Lumpur	1. Ischaemic heart diseases	587	17.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	109	14.0
	2. Pneumonia	267	7.7	Kencing manis Diabetes mellitus	64	8.2
	3. Diabetes mellitus	179	5.2	Darah tinggi Hypertension	57	7.3
	Keseluruhan sebab All causes	3,456		Keseluruhan sebab All causes	776	
W.P. Labuan	1. Ischaemic heart diseases	26	16.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	12	27.3
	2. Pneumonia	15	9.3	Barah trakea, bronkus dan paru-paru Trachea, bronchus and lung cancer	1	2.3
	3. Stroke not known if ischaemic or haemorrhagic	9	5.6	-		
	Keseluruhan sebab All causes	161		Keseluruhan sebab All causes	44	
W.P. Putrajaya	1. Ischaemic heart diseases	30	17.8	Barah kolon, rektum dan dubur Colon, rectum and anus cancer	3	23.1
	2. Malignant neoplasms of breast	15	8.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	3	23.1
	3. Diabetes mellitus	10	5.9	Darah tinggi Hypertension	2	15.4
	Keseluruhan sebab All causes	169		Keseluruhan sebab All causes	13	

MATLAMAT PEMBANGUNAN MAMPAN (SDGs)

*SUSTAINABLE
DEVELOPMENT
GOALS (SDGs)*

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 13.1: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut negeri dan jantina, Malaysia, 2024

Table 13.1: Premature mortality rate attributed to Cardiovascular diseases by state and sex, Malaysia, 2024

Negeri State	Cardiovascular diseases		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	132.0	181.8	77.4
Johor	156.1	214.3	89.3
Kedah	250.7	344.6	158.6
Kelantan	205.5	277.7	134.1
Melaka	122.7	174.3	63.3
Negeri Sembilan	163.5	220.1	102.1
Pahang	155.2	206.5	95.7
Perak	156.1	216.5	90.6
Perlis	192.3	264.4	124.2
Pulau Pinang	152.5	221.5	82.3
Sabah	65.2	90.1	38.0
Sarawak	83.7	112.9	52.8
Selangor	100.7	143.1	52.8
Terengganu	176.8	237.3	113.0
W.P. Kuala Lumpur	94.4	130.5	51.0
W.P. Labuan	132.3	197.8	62.6
W.P. Putrajaya	102.3	183.1	30.1

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, 2024

Table 13.2: Premature mortality rate attributed to Cancer by state and sex, Malaysia, 2024

Negeri State	Cancer		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	73.7	69.2	78.7
Johor	79.4	70.2	90.0
Kedah	102.3	101.5	103.1
Kelantan	74.8	70.7	78.7
Melaka	66.3	68.6	63.7
Negeri Sembilan	94.2	91.7	97.1
Pahang	79.4	73.8	85.9
Perak	72.7	74.1	71.2
Perlis	90.5	81.4	99.1
Pulau Pinang	82.8	85.5	80.1
Sabah	62.0	58.0	66.5
Sarawak	78.7	79.1	78.3
Selangor	60.6	53.9	68.1
Terengganu	88.4	76.6	101.0
W.P. Kuala Lumpur	66.6	59.3	75.5
W.P. Labuan	75.9	88.4	62.6
W.P. Putrajaya	77.6	56.1	96.9

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun

The rates are per 100,000 population of aged 30-69 years

Jadual 13.3: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut negeri dan jantina, Malaysia, 2024

Table 13.3: Premature mortality rate attributed to *Diabetes* by state and sex, Malaysia, 2024

Negeri State	Diabetes		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	20.7	22.6	18.6
Johor	21.5	23.2	19.5
Kedah	65.0	68.6	61.5
Kelantan	46.5	49.1	43.9
Melaka	12.0	13.6	10.0
Negeri Sembilan	49.3	56.8	41.0
Pahang	21.3	24.4	17.8
Perak	12.0	12.2	11.8
Perlis	35.0	39.1	31.0
Pulau Pinang	22.2	24.2	20.1
Sabah	5.2	6.9	3.4
Sarawak	5.5	6.6	4.3
Selangor	10.3	11.6	8.8
Terengganu	59.6	64.4	54.5
W.P. Kuala Lumpur	15.2	18.8	10.8
W.P. Labuan	2.2	-	4.5
W.P. Putrajaya	17.6	29.9	6.7

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, 2024

Table 13.4: Premature mortality rate attributed to Chronic respiratory diseases by state and sex, Malaysia, 2024

Negeri State	Chronic respiratory diseases		
	Kadar Rate	Lelaki Male	Perempuan Female
MALAYSIA	13.9	17.9	9.5
Johor	15.0	18.3	11.2
Kedah	27.4	36.5	18.4
Kelantan	19.9	23.3	16.5
Melaka	11.4	15.5	6.5
Negeri Sembilan	16.4	23.3	8.9
Pahang	19.2	26.6	10.6
Perak	19.4	24.4	13.9
Perlis	22.0	32.9	11.8
Pulau Pinang	16.3	21.3	11.3
Sabah	10.7	14.2	6.9
Sarawak	12.1	15.6	8.4
Selangor	8.4	11.6	4.7
Terengganu	19.3	22.7	15.6
W.P. Kuala Lumpur	6.7	7.6	5.6
W.P. Labuan	13.0	12.6	13.4
W.P. Putrajaya	10.6	11.2	10.0

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 pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2024

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	132.0	181.8	77.4
Johor	156.1	214.3	89.3
Batu Pahat	190.6	262.2	111.6
Johor Bahru	128.8	177.9	72.5
Kluang	185.4	234.2	125.0
Kota Tinggi	238.8	323.3	142.3
Mersing	228.3	327.5	114.1
Muar	147.6	187.5	99.0
Pontian	200.3	294.5	92.2
Segamat	172.0	242.2	95.8
Kulai	113.6	166.4	51.5
Tangkak	164.7	234.7	88.6
Kedah	250.7	344.6	158.6
Baling	358.7	463.3	254.2
Bandar Baharu	353.3	406.8	299.1
Kota Setar	272.3	391.5	162.0
Kuala Muda	224.1	317.0	130.7
Kubang Pasu	247.1	376.5	130.3
Kulim	220.2	301.0	139.2
Langkawi	250.9	283.5	217.0
Padang Terap	285.0	395.3	172.7
Sik	265.5	347.0	185.1
Yan	191.2	229.8	154.0
Pendang	250.1	323.9	177.7
Pokok Sena	257.5	348.6	145.9
Kelantan¹	205.5	277.7	134.1
Bachok	185.3	299.6	75.3
Kota Bharu	160.1	214.1	107.1
Machang	258.0	366.7	150.2
Pasir Mas	265.4	367.2	167.0
Pasir Puteh	226.3	300.9	154.5
Tanah Merah	202.9	252.6	152.9
Tumpat	272.9	384.3	171.7
Gua Musang	210.4	233.8	181.5
Kuala Krai	143.5	187.3	99.9
Jeli	242.6	318.4	162.9
Kecil Lojing	299.2	300.9	297.3

Nota/ Note : ¹ Jajahan

Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kadar Rate	Lelaki Male	Perempuan Female
Melaka	122.7	174.3	63.3
Alor Gajah	126.5	193.3	56.3
Jasin	151.8	204.6	91.6
Melaka Tengah	114.1	160.0	59.2
Negeri Sembilan	163.5	220.1	102.1
Jelebu	196.4	262.3	113.4
Kuala Pilah	207.8	295.0	112.1
Port Dickson	239.5	315.6	154.4
Rembau	241.7	322.4	156.2
Seremban	130.4	171.1	87.5
Tampin	162.5	207.5	107.9
Jempol	207.6	306.1	100.2
Pahang	155.2	206.5	95.7
Bentong	209.7	289.9	95.2
Cameron Highlands	108.9	127.2	77.3
Jerantut	202.1	274.3	117.3
Kuantan	97.8	128.7	64.4
Lipis	138.0	190.0	74.3
Pekan	184.5	215.3	148.6
Raub	216.3	284.0	134.1
Temerloh	163.8	215.4	109.5
Rompin	184.9	248.2	109.5
Maran	253.7	338.0	156.2
Bera	163.0	228.0	86.3
Perak	156.1	216.5	90.6
Batang Padang	168.1	244.0	81.6
Manjung	150.9	208.9	84.5
Kinta	115.7	165.0	62.5
Kerian	161.9	234.4	86.5
Kuala Kangsar	197.9	293.8	99.1
Larut & Matang	176.6	241.5	107.6
Hilir Perak	161.4	208.5	109.8
Hulu Perak	211.0	243.9	174.7
Perak Tengah	253.9	325.9	175.2
Kampar	210.9	341.7	77.1
Muallim	196.8	248.5	143.3
Bagan Datuk	134.1	165.9	92.4
Selama	311.6	398.3	221.1

Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kadar Rate	Lelaki Male	Perempuan Female
Perlis	192.3	264.4	124.2
Pulau Pinang	152.5	221.5	82.3
Seberang Perai Tengah	131.6	179.7	78.2
Seberang Perai Utara	179.0	251.0	107.3
Seberang Perai Selatan	181.4	277.7	85.1
Timur Laut	127.3	194.7	60.2
Barat Daya	191.5	281.2	104.7
Sabah	65.2	90.1	38.0
Tawau	56.5	79.0	31.5
Lahad Datu	44.0	61.5	23.4
Semporna	39.3	48.1	30.0
Sandakan	60.8	86.5	32.6
Kinabatangan	31.4	38.4	22.0
Beluran	37.2	37.1	37.3
Kota Kinabalu	55.8	76.1	34.4
Ranau	81.0	128.2	34.5
Kota Belud	71.1	92.6	50.5
Tuaran	102.4	144.1	61.7
Penampang	60.8	72.0	48.5
Papar	112.5	154.0	64.9
Kudat	98.4	139.7	57.0
Kota Marudu	82.2	123.6	41.0
Pitas	107.4	172.2	39.0
Beaufort	132.7	189.4	71.0
Kuala Penyu	149.4	237.8	60.1
Sipitang	79.0	128.3	25.4
Tenom	129.1	202.5	55.4
Nabawan	131.1	191.3	67.4
Keningau	67.1	96.4	37.6
Tambunan	70.0	143.6	-
Kunak	61.4	81.7	36.3
Tongod	50.0	82.9	12.0
Putatan	80.0	101.0	58.7
Telupid	15.6	28.6	-
Kalabakan	26.6	15.6	41.1

Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kadar Rate	Lelaki Male	Perempuan Female
Sarawak	83.7	112.9	52.8
Kuching	66.4	94.2	38.9
Bau	86.7	109.2	62.5
Lundu	61.0	68.2	52.7
Samarahan	24.9	24.9	24.8
Serian	106.6	146.2	65.9
Simunjan	68.2	64.9	71.8
Sri Aman	72.5	96.2	47.5
Lubok Antu	47.3	62.1	32.0
Betong	107.6	122.2	91.2
Saratok	93.0	155.9	30.8
Sarikei	117.1	147.7	87.9
Maradong	132.1	165.8	99.6
Daro	141.0	179.0	95.4
Julau	172.6	296.2	52.4
Sibu	88.6	113.1	63.5
Dalat	98.5	115.0	81.1
Mukah	95.3	130.8	54.2
Kanowit	135.4	257.3	16.7
Bintulu	50.6	65.0	32.9
Tatau	111.5	135.8	82.1
Kapit	157.4	198.5	116.5
Song	252.0	315.3	196.7
Belaga	94.9	130.0	42.8
Miri	94.8	130.3	57.5
Marudi	180.7	254.3	96.7
Limbang	170.8	308.8	27.5
Lawas	145.8	227.3	59.9
Matu	37.1	68.0	-
Asajaya	70.6	89.3	51.7
Pakan	66.9	78.1	55.1
Selangau	65.8	70.5	60.4
Tebedu	85.6	104.6	65.0
Pusa	115.9	189.2	45.4
Kabong	116.2	148.9	83.9
Tanjung Manis	51.1	96.1	-
Sebauh	67.3	87.1	40.1
Bukit Mabong	184.8	208.0	146.7
Subis	79.6	93.6	62.2
Beluru	73.9	58.9	92.7
Telang Usan	78.5	83.2	73.1

Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kadar Rate	Lelaki Male	Perempuan Female
Selangor	100.7	143.1	52.8
Gombak	97.0	140.7	50.2
Klang	114.6	152.1	69.0
Kuala Langat	141.8	198.9	79.5
Kuala Selangor	123.9	162.3	84.3
Petaling	79.9	119.5	35.6
Sabak Bernam	252.2	362.0	134.5
Sepang	84.5	120.3	42.9
Ulu Langat	98.8	141.1	50.4
Ulu Selangor	139.9	194.3	77.5
Terengganu	176.8	237.3	113.0
Besut	178.5	253.3	101.9
Dungun	211.2	248.5	170.5
Kemaman	139.5	165.2	109.7
Kuala Terengganu	202.5	285.6	120.2
Marang	156.2	227.5	84.2
Hulu Terengganu	217.4	265.5	163.0
Setiu	158.1	224.0	89.1
Kuala Nerus	160.3	253.1	66.4
W.P. Kuala Lumpur	94.4	130.5	51.0
W.P. Labuan	132.3	197.8	62.6
W.P. Putrajaya	102.3	183.1	30.1

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun
The rates are per 100,000 population of aged 30-69 years

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2024

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	73.7	69.2	78.7
Johor	79.4	70.2	90.0
Batu Pahat	96.5	88.2	105.7
Johor Bahru	66.2	55.3	78.7
Kluang	88.2	74.6	105.1
Kota Tinggi	103.3	88.2	120.6
Mersing	71.7	69.5	74.2
Muar	86.0	84.8	87.4
Pontian	107.3	100.4	115.3
Segamat	86.0	77.0	95.8
Kulai	68.7	58.0	81.2
Tangkak	88.4	92.9	83.5
Kedah	102.3	101.5	103.1
Baling	132.1	156.6	107.5
Bandar Baharu	97.3	50.8	144.4
Kota Setar	135.3	135.1	135.4
Kuala Muda	98.0	92.6	103.5
Kubang Pasu	97.2	111.2	84.5
Kulim	68.9	57.4	80.5
Langkawi	63.9	60.4	67.5
Padang Terap	103.3	120.0	86.3
Sik	113.8	131.9	96.0
Yan	90.9	57.4	123.2
Pendang	103.8	119.1	88.9
Pokok Sena	159.2	161.6	156.3
Kelantan¹	74.8	70.7	78.7
Bachok	97.5	97.7	97.2
Kota Bharu	73.8	57.2	90.1
Machang	80.3	48.9	111.5
Pasir Mas	70.9	61.2	80.3
Pasir Puteh	74.8	92.3	57.9
Tanah Merah	51.9	58.3	45.6
Tumpat	105.7	135.1	79.0
Gua Musang	62.2	60.6	64.1
Kuala Krai	54.4	56.6	52.1
Jeli	65.3	63.7	67.1
Kecil Lojing	27.2	50.2	-

Nota/ Note : ¹ Jajahan

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2024 (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	66.3	68.6	63.7
Alor Gajah	57.4	68.2	46.1
Jasin	86.9	95.8	76.8
Melaka Tengah	64.9	62.3	68.0
Negeri Sembilan	94.2	91.7	97.1
Jelevu	137.0	139.3	134.0
Kuala Pilah	160.3	124.8	199.2
Port Dickson	103.6	113.4	92.6
Rembau	175.3	175.0	175.7
Seremban	81.9	81.2	82.7
Tampin	83.6	76.2	92.5
Jempol	81.5	73.5	90.2
Pahang	79.4	73.8	85.9
Bentong	114.2	107.3	124.2
Cameron Highlands	80.5	74.9	90.2
Jerantut	112.3	112.2	112.4
Kuantan	57.4	56.0	58.9
Lipis	66.8	60.6	74.3
Pekan	78.0	67.1	90.8
Raub	82.2	86.8	76.6
Temerloh	93.1	82.3	104.4
Rompin	80.5	68.1	95.2
Maran	98.6	63.8	138.9
Bera	94.7	97.7	91.1
Perak	72.7	74.1	71.2
Batang Padang	69.3	61.8	77.8
Manjung	65.4	62.8	68.4
Kinta	71.9	72.9	70.8
Kerian	63.0	68.1	57.7
Kuala Kangsar	82.7	91.3	73.7
Larut & Matang	97.5	102.9	91.8
Hilir Perak	61.3	60.0	62.7
Hulu Perak	71.1	67.8	74.9
Perak Tengah	93.7	94.5	92.8
Kampar	76.3	71.0	81.7
Muallim	52.7	69.0	35.8
Bagan Datuk	23.5	33.2	10.9
Selama	114.5	112.0	117.0

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2024 (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	90.5	81.4	99.1
Pulau Pinang	82.8	85.5	80.1
Seberang Perai Tengah	75.1	60.4	91.3
Seberang Perai Utara	92.9	105.6	80.2
Seberang Perai Selatan	69.9	75.0	64.8
Timur Laut	85.3	93.4	77.3
Barat Daya	86.6	93.7	79.7
Sabah	62.0	58.0	66.5
Tawau	47.4	47.6	47.2
Lahad Datu	37.1	28.9	46.7
Semporna	36.7	37.9	35.4
Sandakan	51.6	49.3	54.1
Kinabatangan	11.0	8.2	14.7
Beluran	34.3	26.5	43.5
Kota Kinabalu	57.5	52.7	62.6
Ranau	130.2	151.5	109.3
Kota Belud	99.0	79.4	117.8
Tuaran	86.8	66.8	106.3
Penampang	55.4	46.3	65.6
Papar	95.7	81.7	111.8
Kudat	106.2	108.7	103.6
Kota Marudu	89.0	96.1	82.0
Pitas	63.2	49.2	78.0
Beaufort	149.7	137.1	163.3
Kuala Penyu	89.7	99.1	80.1
Sipitang	72.9	70.0	76.1
Tenom	106.1	92.1	120.1
Nabawan	41.0	47.8	33.7
Keningau	88.9	99.5	78.3
Tambunan	171.0	223.4	121.3
Kunak	58.2	52.5	65.3
Tongod	22.2	31.1	12.0
Putatan	69.1	57.7	80.7
Telupid	23.4	14.3	34.2
Kalabakan	26.6	31.3	20.5

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran State and administrative district	Kadar Rate	Lelaki Male	Perempuan Female
Sarawak	78.7	79.1	78.3
Kuching	83.4	85.0	81.8
Bau	143.3	138.4	148.5
Lundu	91.5	90.9	92.2
Samarahan	53.3	39.2	67.3
Serian	102.0	109.6	94.1
Simunjan	51.1	64.9	35.9
Sri Aman	85.7	96.2	74.6
Lubok Antu	94.5	108.7	79.9
Betong	107.6	81.4	136.8
Saratok	124.0	46.8	200.2
Sarikei	54.0	64.6	44.0
Maradong	101.6	82.9	119.6
Daro	43.4	39.8	47.7
Julau	106.2	80.8	131.0
Sibu	84.7	91.4	77.8
Dalat	29.5	38.3	20.3
Mukah	40.1	37.4	43.3
Kanowit	76.2	34.3	117.0
Bintulu	54.8	57.4	51.7
Tatau	55.7	33.9	82.1
Kapit	110.8	140.1	81.5
Song	210.0	180.2	236.0
Belaga	120.7	86.7	171.2
Miri	56.9	57.8	55.9
Marudi	90.4	106.0	72.6
Limbang	107.9	114.7	100.7
Lawas	122.5	147.7	95.8
Matu	61.8	45.3	81.5
Asajaya	83.4	102.0	64.6
Pakan	40.1	52.1	27.5
Selangau	47.0	70.5	20.1
Tebedu	62.3	74.7	48.8
Pusa	92.7	47.3	136.3
Kabong	73.9	85.1	62.9
Tanjung Manis	178.9	144.1	218.6
Sebauh	72.9	77.4	66.8
Bukit Mabong	55.5	59.4	48.9
Subis	72.7	81.1	62.2
Beluru	65.7	73.7	55.6
Telang Usan	123.4	124.7	121.9

Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2024 (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	60.6	53.9	68.1
Gombak	59.7	53.4	66.5
Klang	64.3	61.0	68.2
Kuala Langat	76.8	61.1	93.9
Kuala Selangor	72.8	61.7	84.3
Petaling	55.0	46.1	65.0
Sabak Bernam	87.2	93.2	80.7
Sepang	56.0	45.5	68.1
Ulu Langat	59.6	55.3	64.5
Ulu Selangor	66.0	66.2	65.7
Terengganu	88.4	76.6	101.0
Besut	76.3	54.3	98.8
Dungun	81.6	72.6	91.3
Kemaman	65.4	52.6	80.2
Kuala Terengganu	122.7	117.4	128.0
Marang	83.8	72.0	95.7
Hulu Terengganu	79.6	57.7	104.3
Setiu	75.1	38.6	113.4
Kuala Nerus	103.7	109.4	98.0
W.P. Kuala Lumpur	66.6	59.3	75.5
W.P. Labuan	75.9	88.4	62.6
W.P. Putrajaya	77.6	56.1	96.9

Kadar adalah bagi setiap 100,000 penduduk berumur 30-69 tahun
The rates are per 100,000 population of aged 30-69 years

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.7: Premature mortality rate attributed to *Diabetes* by administrative district and sex, Malaysia, 2024

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	20.7	22.6	18.6
Johor	21.5	23.2	19.5
Batu Pahat	17.7	23.8	11.0
Johor Bahru	9.4	10.7	7.8
Kluang	54.6	64.3	42.6
Kota Tinggi	60.9	51.9	71.2
Mersing	47.8	39.7	57.1
Muar	20.3	19.1	21.8
Pontian	45.3	44.6	46.1
Segamat	17.6	22.5	12.2
Kulai	17.2	15.3	19.3
Tangkak	17.0	20.9	12.7
Kedah	65.0	68.6	61.5
Baling	73.4	68.5	78.2
Bandar Baharu	92.2	91.5	92.8
Kota Setar	25.2	30.0	20.8
Kuala Muda	101.2	113.4	89.0
Kubang Pasu	49.0	54.6	44.0
Kulim	47.9	54.9	40.9
Langkawi	75.7	74.4	77.2
Padang Terap	35.6	35.3	36.0
Sik	117.3	83.3	150.8
Yan	72.1	57.4	86.2
Pendang	68.4	61.9	74.8
Pokok Sena	37.5	25.5	52.1
Kelantan ¹	46.5	49.1	43.9
Bachok	54.3	52.1	56.5
Kota Bharu	45.1	52.9	37.4
Machang	63.3	63.6	63.0
Pasir Mas	46.2	50.3	42.3
Pasir Puteh	29.5	32.1	27.0
Tanah Merah	42.2	42.1	42.3
Tumpat	55.7	63.1	49.1
Gua Musang	66.9	56.3	80.1
Kuala Krai	34.8	30.5	39.1
Jeli	18.7	18.2	19.2
Kecil Lojing	27.2	-	59.5

Nota/ Note : ¹ Jajahan

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.7: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2024 (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	12.0	13.6	10.0
Alor Gajah	15.0	16.2	13.7
Jasin	11.0	18.1	3.0
Melaka Tengah	11.0	11.6	10.2
Negeri Sembilan	49.3	56.8	41.0
Jelebu	82.2	90.2	72.2
Kuala Pilah	106.9	153.2	56.0
Port Dickson	34.0	46.0	20.6
Rembau	118.5	110.5	126.9
Seremban	31.4	37.2	25.3
Tampin	83.6	88.9	77.1
Jempol	71.9	67.3	76.8
Pahang	21.3	24.4	17.8
Bentong	25.6	23.2	29.0
Cameron Highlands	9.5	15.0	-
Jerantut	69.6	79.0	58.6
Kuantan	10.2	13.1	7.1
Lipis	11.1	8.1	14.9
Pekan	26.6	24.7	28.9
Raub	21.6	23.7	19.2
Temerloh	17.4	26.6	7.6
Rompin	15.2	12.0	19.0
Maran	32.2	41.3	21.7
Bera	44.0	48.9	38.4
Perak	12.0	12.2	11.8
Batang Padang	13.9	3.3	25.9
Manjung	19.3	20.4	18.0
Kinta	2.0	1.7	2.3
Kerian	16.7	15.1	18.4
Kuala Kangsar	6.3	4.9	7.6
Larut & Matang	24.6	32.8	15.8
Hilir Perak	23.9	22.8	25.1
Hulu Perak	30.8	27.1	34.9
Perak Tengah	14.8	23.6	5.2
Kampar	-	-	-
Muallim	10.5	6.9	14.3
Bagan Datuk	23.5	20.7	27.2
Selama	38.2	37.3	39.0

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.7: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2024 (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	35.0	39.1	31.0
Pulau Pinang	22.2	24.2	20.1
Seberang Perai Tengah	21.6	21.8	21.4
Seberang Perai Utara	32.3	34.1	30.5
Seberang Perai Selatan	30.4	30.4	30.4
Timur Laut	14.4	17.1	11.8
Barat Daya	21.4	27.5	15.6
Sabah	5.2	6.9	3.4
Tawau	2.9	5.4	-
Lahad Datu	1.0	1.8	-
Semporna	3.9	2.5	5.4
Sandakan	7.8	9.3	6.1
Kinabatangan	-	-	-
Beluran	-	-	-
Kota Kinabalu	5.6	7.5	3.5
Ranau	-	-	-
Kota Belud	4.3	-	8.4
Tuaran	10.4	10.5	10.3
Penampang	2.7	5.1	-
Papar	15.1	18.9	10.8
Kudat	7.8	10.4	5.2
Kota Marudu	-	-	-
Pitas	12.6	12.3	13.0
Beaufort	6.8	13.1	-
Kuala Penyu	10.0	19.8	-
Sipitang	30.4	46.6	12.7
Tenom	4.6	9.2	-
Nabawan	-	-	-
Keningau	4.7	9.3	-
Tambunan	-	-	-
Kunak	12.9	11.7	14.5
Tongod	-	-	-
Putatan	3.6	7.2	-
Telupid	-	-	-
Kalabakan	4.4	7.8	-

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.7: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2024 (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	5.5	6.6	4.3
Kuching	4.2	6.6	1.9
Bau	7.5	7.3	7.8
Lundu	-	-	-
Samarahan	5.3	7.1	3.5
Serian	7.0	9.1	4.7
Simunjan	5.7	-	12.0
Sri Aman	3.3	-	6.8
Lubok Antu	7.9	-	16.0
Betong	5.4	10.2	-
Saratok	7.7	15.6	-
Sarikei	9.0	9.2	8.8
Maradong	-	-	-
Daro	21.7	19.9	23.8
Julau	-	-	-
Sibu	2.4	4.6	-
Dalat	19.7	38.3	-
Mukah	5.0	9.3	-
Kanowit	-	-	-
Bintulu	7.4	11.5	2.3
Tatau	6.2	-	13.7
Kapit	-	-	-
Song	-	-	-
Belaga	-	-	-
Miri	5.3	4.4	6.2
Marudi	-	-	-
Limbang	4.5	8.8	-
Lawas	23.3	22.7	24.0
Matu	12.4	-	27.2
Asajaya	12.8	25.5	-
Pakan	13.4	-	27.5
Selangau	18.8	17.6	20.1
Tebedu	-	-	-
Pusa	23.2	23.7	22.7
Kabong	-	-	-
Tanjung Manis	-	-	-
Sebauh	11.2	9.7	13.4
Bukit Mabong	18.5	-	48.9
Subis	3.5	-	7.8
Beluru	-	-	-
Telang Usan	-	-	-

Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.7: Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2024 (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	10.3	11.6	8.8
Gombak	5.2	6.6	3.8
Klang	16.7	16.9	16.4
Kuala Langat	13.1	15.6	10.4
Kuala Selangor	24.5	29.5	19.4
Petaling	6.4	7.6	5.0
Sabak Bernam	27.8	21.5	34.6
Sepang	13.4	10.8	16.4
Ulu Langat	9.2	11.1	7.0
Ulu Selangor	12.6	17.7	6.7
Terengganu	59.6	64.4	54.5
Besut	25.9	30.2	21.6
Dungun	80.1	86.6	73.1
Kemaman	42.0	56.3	25.3
Kuala Terengganu	93.5	105.6	81.5
Marang	40.0	34.1	46.0
Hulu Terengganu	64.3	57.7	71.7
Setiu	51.4	54.1	48.6
Kuala Nerus	62.9	56.3	69.6
W.P. Kuala Lumpur	15.2	18.8	10.8
W.P. Labuan	2.2	-	4.5
W.P. Putrajaya	17.6	29.9	6.7

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 *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2024

Table 13.8: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2024

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Kadar <i>Rate</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
Malaysia	13.9	17.9	9.5
Johor	15.0	18.3	11.2
Batu Pahat	18.5	21.5	15.2
Johor Bahru	9.4	11.2	7.3
Kluang	21.0	27.6	12.8
Kota Tinggi	18.4	22.5	13.8
Mersing	50.4	54.6	45.7
Muar	12.5	15.5	8.7
Pontian	17.9	20.1	15.4
Segamat	27.4	35.7	18.3
Kulai	11.2	16.4	5.2
Tangkak	21.8	25.6	17.7
Kedah	27.4	36.5	18.4
Baling	42.4	58.7	26.1
Bandar Baharu	30.7	30.5	30.9
Kota Setar	42.1	53.8	31.2
Kuala Muda	18.0	27.1	8.8
Kubang Pasu	14.8	21.5	8.8
Kulim	25.5	31.9	19.2
Langkawi	30.8	32.5	28.9
Padang Terap	46.3	56.5	36.0
Sik	31.0	48.6	13.7
Yan	25.1	38.3	12.3
Pendang	26.0	38.1	14.0
Pokok Sena	23.4	25.5	20.8
Kelantan¹	19.9	23.3	16.5
Bachok	22.4	26.1	18.8
Kota Bharu	14.2	19.1	9.4
Machang	21.9	34.2	9.7
Pasir Mas	49.4	50.3	48.6
Pasir Puteh	15.7	20.1	11.6
Tanah Merah	9.7	13.0	6.5
Tumpat	11.4	12.0	10.9
Gua Musang	19.1	21.6	16.0
Kuala Krai	4.3	-	8.7
Jeli	42.0	54.6	28.7
Kecil Lojing	27.2	-	59.5

Nota/ *Note* : ¹ Jajahan

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.8: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2024 (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	11.4	15.5	6.5
Alor Gajah	17.5	24.4	10.2
Jasin	6.9	7.8	5.9
Melaka Tengah	10.0	14.0	5.1
Negeri Sembilan	16.4	23.3	8.9
Jelebu	32.0	57.4	-
Kuala Pilah	23.7	34.0	12.5
Port Dickson	24.3	36.8	10.3
Rembau	42.6	55.3	29.3
Seremban	10.0	13.2	6.6
Tampin	16.2	16.9	15.4
Jempol	25.6	39.8	10.0
Pahang	19.2	26.6	10.6
Bentong	18.8	29.0	4.1
Cameron Highlands	9.5	7.5	12.9
Jerantut	33.7	37.4	29.3
Kuantan	11.7	17.5	5.5
Lipis	28.9	44.5	9.9
Pekan	26.6	35.3	16.5
Raub	41.1	59.2	19.2
Temerloh	12.4	16.9	7.6
Rompin	19.6	16.0	23.8
Maran	26.2	37.6	13.0
Bera	17.6	28.5	4.8
Perak	19.4	24.4	13.9
Batang Padang	15.6	26.0	3.7
Manjung	25.2	23.6	27.0
Kinta	17.9	24.3	11.0
Kerian	23.1	22.7	23.6
Kuala Kangsar	28.8	34.6	22.9
Larut & Matang	13.1	17.9	7.9
Hilir Perak	16.4	20.0	12.5
Hulu Perak	26.1	40.7	10.0
Perak Tengah	32.0	52.0	10.3
Kampar	17.9	26.6	9.1
Muallim	14.1	13.8	14.3
Bagan Datuk	4.7	-	10.9
Selama	31.8	24.9	39.0

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.8: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2024 (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	22.0	32.9	11.8
Pulau Pinang	16.3	21.3	11.3
Seberang Perai Tengah	15.9	21.0	10.2
Seberang Perai Utara	17.6	22.7	12.4
Seberang Perai Selatan	24.3	32.4	16.2
Timur Laut	12.5	16.4	8.5
Barat Daya	18.3	22.6	14.1
Sabah	10.7	14.2	6.9
Tawau	5.7	7.6	3.6
Lahad Datu	5.9	10.8	-
Semporna	11.8	22.8	-
Sandakan	7.8	9.3	6.1
Kinabatangan	1.6	2.7	-
Beluran	5.7	10.6	-
Kota Kinabalu	6.0	9.2	2.6
Ranau	26.0	17.5	34.5
Kota Belud	19.4	17.6	21.0
Tuaran	24.3	31.6	17.1
Penampang	4.1	7.7	-
Papar	10.1	9.4	10.8
Kudat	15.5	31.1	-
Kota Marudu	41.1	61.8	20.5
Pitas	37.9	36.9	39.0
Beaufort	30.6	32.6	28.4
Kuala Penyu	29.9	19.8	40.1
Sipitang	24.3	35.0	12.7
Tenom	13.8	27.6	-
Nabawan	8.2	15.9	-
Keningau	15.6	21.8	9.4
Tambunan	7.8	-	15.2
Kunak	-	-	-
Tongod	22.2	20.7	23.9
Putatan	10.9	21.6	-
Telupid	-	-	-
Kalabakan	8.9	15.6	-

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.8: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2024 (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	12.1	15.6	8.4
Kuching	8.8	12.5	5.2
Bau	26.4	29.1	23.5
Lundu	12.2	11.4	13.2
Samarahan	7.1	7.1	7.1
Serian	16.2	13.7	18.8
Simunjan	17.0	21.6	12.0
Sri Aman	26.4	44.9	6.8
Lubok Antu	7.9	15.5	-
Betong	16.1	10.2	22.8
Saratok	38.7	62.4	15.4
Sarikei	27.0	36.9	17.6
Maradong	20.3	41.5	-
Daro	-	-	-
Julau	-	-	-
Sibu	8.6	10.8	6.4
Dalat	-	-	-
Mukah	10.0	9.3	10.8
Kanowit	33.9	51.5	16.7
Bintulu	6.3	9.6	2.3
Tatau	18.6	11.3	27.4
Kapit	29.2	35.0	23.3
Song	-	-	-
Belaga	25.9	14.4	42.8
Miri	12.1	13.3	10.9
Marudi	56.5	84.8	24.2
Limbang	18.0	35.3	-
Lawas	23.3	22.7	24.0
Matu	-	-	-
Asajaya	-	-	-
Pakan	13.4	26.0	-
Selangau	18.8	-	40.3
Tebedu	-	-	-
Pusa	-	-	-
Kabong	21.1	42.5	-
Tanjung Manis	-	-	-
Sebauh	-	-	-
Bukit Mabong	-	-	-
Subis	17.3	31.2	-
Beluru	-	-	-
Telang Usan	11.2	20.8	-

Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2024 (samb.)

Table 13.8: Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2024 (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	8.4	11.6	4.7
Gombak	7.5	9.0	5.9
Klang	8.9	12.6	4.5
Kuala Langat	12.5	16.8	7.8
Kuala Selangor	12.9	17.4	8.3
Petaling	6.3	8.5	3.8
Sabak Bernam	37.1	64.5	7.7
Sepang	1.2	1.1	1.3
Ulu Langat	8.2	12.1	3.7
Ulu Selangor	17.3	22.1	11.8
Terengganu	19.3	22.7	15.6
Besut	19.8	27.1	12.4
Dungun	27.7	36.3	18.3
Kemaman	12.7	20.0	4.2
Kuala Terengganu	15.6	23.5	7.8
Marang	15.2	19.0	11.5
Hulu Terengganu	33.7	23.1	45.7
Setiu	19.8	23.2	16.2
Kuala Nerus	22.0	9.4	34.8
W.P. Kuala Lumpur	6.7	7.6	5.6
W.P. Labuan	13.0	12.6	13.4
W.P. Putrajaya	10.6	11.2	10.0

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: Kematian Bunuh diri (bilangan dan kadar) mengikut negeri kejadian dan jantina, Malaysia, 2024

Table 13.9: Suicide deaths (number and rate) by state of occurrence and sex, Malaysia, 2024

Negeri State	Bunuh diri Suicide			Kadar kematian bunuh diri Suicide mortality rate		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	1,119	903	216	3.3	5.1	1.3
Johor	172	145	27	4.1	6.5	1.4
Kedah	40	35	5	1.8	3.1	0.5
Kelantan	16	16	-	0.8	1.7	-
Melaka	14	12	2	1.3	2.2	0.4
Negeri Sembilan	42	32	10	3.4	5.0	1.7
Pahang	27	24	3	1.6	2.7	0.4
Perak	113	92	21	4.4	6.8	1.7
Perlis	2	2	-	0.7	1.4	-
Pulau Pinang	114	87	27	6.3	9.4	3.1
Sabah	41	35	6	1.1	1.8	0.3
Sarawak	63	50	13	2.5	3.8	1.1
Selangor	280	231	49	3.8	5.9	1.4
Terengganu	11	9	2	0.9	1.4	0.3
W.P. Kuala Lumpur	182	132	50	8.8	11.8	5.3
W.P. Labuan	1	1	-	1.0	1.9	-
W.P. Putrajaya	1	-	1	0.8	-	1.6

Kadar adalah bagi setiap 100,000 penduduk

The rates are per 100,000 population

Jadual 13.10: Kematian Bunuh diri mengikut kewarganegaraan, negeri kejadian dan jantina, Malaysia, 2024

Table 13.10: Suicide deaths by citizenship, state of occurrence and sex, Malaysia, 2024

Negeri State	Warganegara Citizens			Bukan warganegara Non-citizens		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	799	610	189	320	293	27
Johor	116	93	23	56	52	4
Kedah	29	26	3	11	9	2
Kelantan	14	14	-	2	2	-
Melaka	11	9	2	3	3	-
Negeri Sembilan	32	22	10	10	10	-
Pahang	18	15	3	9	9	-
Perak	85	64	21	28	28	-
Perlis	2	2	-	-	-	-
Pulau Pinang	91	66	25	23	21	2
Sabah	31	25	6	10	10	-
Sarawak	56	44	12	7	6	1
Selangor	170	130	40	110	101	9
Terengganu	10	8	2	1	1	-
W.P. Kuala Lumpur	132	91	41	50	41	9
W.P. Labuan	1	1	-	-	-	-
W.P. Putrajaya	1	-	1	-	-	-

Jadual 13.11: Kadar kematian Bunuh diri mengikut kewarganegaraan, negeri kejadian dan jantina, Malaysia, 2024

Table 13.11: Suicide mortality rate by citizenship, state of occurrence and sex, Malaysia, 2024

Negeri State	Warganegara Citizens			Bukan warganegara Non-citizens		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
MALAYSIA	2.6	3.9	1.2	9.4	12.4	2.6
Johor	3.1	4.8	1.2	14.4	16.5	5.5
Kedah	1.4	2.5	0.3	9.7	11.0	6.4
Kelantan	0.8	1.5	-	4.2	6.6	-
Melaka	1.2	1.9	0.4	3.3	4.2	-
Negeri Sembilan	2.7	3.7	1.7	13.4	18.3	-
Pahang	1.1	1.9	0.4	8.8	9.9	-
Perak	3.5	5.3	1.7	17.5	20.3	-
Perlis	0.7	1.4	-	-	-	-
Pulau Pinang	5.6	8.1	3.1	12.7	20.1	2.6
Sabah	1.1	1.8	0.5	1.0	1.7	-
Sarawak	2.3	3.6	1.0	5.5	6.9	2.4
Selangor	2.6	3.9	1.2	15.1	18.1	5.3
Terengganu	0.8	1.3	0.3	2.5	3.1	-
W.P. Kuala Lumpur	7.3	10.0	4.6	18.4	19.6	14.4
W.P. Labuan	1.1	2.2	-	-	-	-
W.P. Putrajaya	0.9	-	1.7	-	-	-

Kadar adalah bagi setiap 100,000 penduduk

The rates are per 100,000 population

Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2024

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2024

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Bunuh Diri <i>Suicide</i>			Kadar kematian bunuh diri <i>Suicide 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	1,119	903	216	3.3	5.1	1.3
Johor	172	145	27	4.1	6.5	1.4
Batu Pahat	22	18	4	4.3	6.7	1.7
Johor Bahru	91	73	18	5.1	7.6	2.1
Kluang	8	8	-	2.4	4.3	-
Kota Tinggi	3	3	-	1.3	2.4	-
Mersing	2	1	1	2.5	2.3	2.7
Muar	19	18	1	5.9	10.1	0.7
Pontian	5	5	-	2.8	5.2	-
Segamat	6	6	-	2.9	5.6	-
Kulai	14	11	3	4.0	5.8	1.9
Tangkak	2	2	-	1.2	2.3	-
Kedah	40	35	5	1.8	3.1	0.5
Baling	3	3	-	2.0	4.0	-
Bandar Baharu	-	-	-	-	-	-
Kota Setar	2	-	2	0.5	-	1.0
Kuala Muda	19	17	2	3.3	5.7	0.7
Kubang Pasu	1	1	-	0.4	0.8	-
Kulim	8	7	1	2.3	3.9	0.6
Langkawi	2	2	-	2.0	3.9	-
Padang Terap	3	3	-	4.4	8.5	-
Sik	1	1	-	1.4	2.8	-
Yan	1	1	-	1.3	2.6	-
Pendang	-	-	-	-	-	-
Pokok Sena	-	-	-	-	-	-
Kelantan¹	16	16	-	0.8	1.7	-
Bachok	1	1	-	0.6	1.2	-
Kota Bharu	2	2	-	0.3	0.7	-
Machang	2	2	-	1.7	3.4	-
Pasir Mas	2	2	-	0.8	1.6	-
Pasir Puteh	2	2	-	1.4	2.8	-
Tanah Merah	-	-	-	-	-	-
Tumpat	3	3	-	1.6	3.2	-
Gua Musang	3	3	-	2.7	5.0	-
Kuala Krai	-	-	-	-	-	-
Jeli	1	1	-	1.7	3.5	-
Kecil Lojing	-	-	-	-	-	-

Nota/ Note : ¹ Jajahan

Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2024 (samb.)

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Bunuh Diri <i>Suicide</i>			Kadar kematian bunuh diri <i>Suicide 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>
Melaka	14	12	2	1.3	2.2	0.4
Alor Gajah	6	6	-	2.3	4.5	-
Jasin	1	1	-	0.6	1.2	-
Melaka Tengah	7	5	2	1.1	1.5	0.7
Negeri Sembilan	42	32	10	3.4	5.0	1.7
Jelevu	1	1	-	2.1	3.7	-
Kuala Pilah	1	1	-	1.4	2.7	-
Port Dickson	3	2	1	2.2	2.8	1.6
Rembau	1	1	-	2.0	4.0	-
Seremban	31	24	7	4.4	6.5	2.0
Tampin	2	1	1	2.2	2.1	2.4
Jempol	3	2	1	2.3	2.9	1.6
Pahang	27	24	3	1.6	2.7	0.4
Bentong	-	-	-	-	-	-
Cameron Highlands	7	7	-	15.7	26.0	-
Jerantut	3	3	-	3.0	5.6	-
Kuantan	8	7	1	1.4	2.4	0.4
Lipis	-	-	-	-	-	-
Pekan	2	2	-	1.6	2.9	-
Raub	1	1	-	1.0	1.9	-
Temerloh	1	1	-	0.6	1.1	-
Rompin	1	1	-	1.0	1.8	-
Maran	1	1	-	0.8	1.6	-
Bera	3	1	2	3.0	1.8	4.3
Perak	113	92	21	4.4	6.8	1.7
Batang Padang	7	5	2	5.5	7.4	3.4
Manjung	13	11	2	5.1	8.0	1.7
Kinta	42	31	11	4.6	6.4	2.5
Kerian	4	4	-	2.4	4.6	-
Kuala Kangsar	7	6	1	3.9	6.5	1.1
Larut & Matang	21	16	5	7.5	11.0	3.7
Hilir Perak	3	3	-	2.1	4.0	-
Hulu Perak	3	3	-	3.0	5.9	-
Perak Tengah	4	4	-	4.0	7.8	-
Kampar	4	4	-	4.0	7.8	-
Muallim	2	2	-	2.5	5.3	-
Bagan Datuk	2	2	-	2.4	4.3	-
Selama	1	1	-	2.8	5.6	-

Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2024 (samb.)

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Bunuh Diri <i>Suicide</i>			Kadar kematian bunuh diri <i>Suicide 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>
Perlis	2	2	-	0.7	1.4	-
Pulau Pinang	114	87	27	6.3	9.4	3.1
Seberang Perai Tengah	36	26	10	8.1	11.0	4.8
Seberang Perai Utara	15	14	1	4.3	7.8	0.6
Seberang Perai Selatan	13	12	1	6.9	12.7	1.1
Timur Laut	41	27	14	7.2	9.3	5.0
Barat Daya	9	8	1	3.6	6.4	0.8
Sabah	41	35	6	1.1	1.8	0.3
Tawau	2	2	-	0.5	0.9	-
Lahad Datu	3	1	2	1.2	0.7	1.7
Semporna	1	-	1	0.5	-	1.0
Sandakan	6	6	-	1.2	2.3	-
Kinabatangan	-	-	-	-	-	-
Beluran	1	1	-	1.1	2.0	-
Kota Kinabalu	6	4	2	1.1	1.4	0.8
Ranau	3	3	-	3.4	6.6	-
Kota Belud	1	1	-	0.9	1.8	-
Tuaran	5	5	-	3.5	6.9	-
Penampang	3	2	1	1.8	2.3	1.3
Papar	-	-	-	-	-	-
Kudat	1	1	-	1.1	2.1	-
Kota Marudu	1	1	-	1.4	2.6	-
Pitas	-	-	-	-	-	-
Beaufort	2	2	-	2.6	5.0	-
Kuala Penyu	-	-	-	-	-	-
Sipitang	-	-	-	-	-	-
Tenom	2	2	-	3.7	7.2	-
Nabawan	-	-	-	-	-	-
Keningau	3	3	-	1.9	3.7	-
Tambunan	1	1	-	3.0	5.9	-
Kunak	-	-	-	-	-	-
Tongod	-	-	-	-	-	-
Putatan	-	-	-	-	-	-
Telupid	-	-	-	-	-	-
Kalabakan	-	-	-	-	-	-

Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2024 (samb.)

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Bunuh Diri <i>Suicide</i>			Kadar kematian bunuh diri <i>Suicide 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>
Sarawak	63	50	13	2.5	3.8	1.1
Kuching	21	16	5	3.4	5.1	1.6
Bau	-	-	-	-	-	-
Lundu	1	1	-	2.9	5.4	-
Samarahan	1	1	-	0.7	1.5	-
Serian	2	2	-	2.3	4.5	-
Simunjan	2	2	-	5.4	10.3	-
Sri Aman	-	-	-	-	-	-
Lubok Antu	-	-	-	-	-	-
Betong	-	-	-	-	-	-
Saratok	1	1	-	4.3	8.7	-
Sarikei	-	-	-	-	-	-
Maradong	-	-	-	-	-	-
Daro	-	-	-	-	-	-
Julau	-	-	-	-	-	-
Sibu	10	8	2	3.9	6.1	1.6
Dalat	2	2	-	9.2	17.8	-
Mukah	3	2	1	7.1	9.0	5.0
Kanowit	1	1	-	4.0	8.0	-
Bintulu	5	3	2	2.6	2.9	2.3
Tatau	-	-	-	-	-	-
Kapit	1	-	1	2.7	-	5.4
Song	-	-	-	-	-	-
Belaga	-	-	-	-	-	-
Miri	7	5	2	2.7	3.7	1.6
Marudi	-	-	-	-	-	-
Limbang	1	1	-	2.1	4.2	-
Lawas	1	1	-	2.6	5.2	-
Matu	1	1	-	6.1	11.3	-
Asajaya	-	-	-	-	-	-
Pakan	-	-	-	-	-	-
Selangau	-	-	-	-	-	-
Tebedu	-	-	-	-	-	-
Pusa	-	-	-	-	-	-
Kabong	-	-	-	-	-	-
Tanjung Manis	-	-	-	-	-	-
Sebauh	1	1	-	3.2	5.6	-
Bukit Mabong	-	-	-	-	-	-
Subis	1	1	-	1.8	3.3	-
Beluru	1	1	-	3.7	7.0	-
Telang Usan	-	-	-	-	-	-

Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2024 (samb.)

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2024 (cont'd)

Negeri dan daerah pentadbiran <i>State and administrative district</i>	Bunuh Diri <i>Suicide</i>			Kadar kematian bunuh diri <i>Suicide 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>
Selangor	280	231	49	3.8	5.9	1.4
Gombak	29	22	7	3.0	4.3	1.5
Klang	61	51	10	5.2	7.8	1.9
Kuala Langat	10	8	2	3.1	4.7	1.3
Kuala Selangor	8	6	2	2.7	3.9	1.4
Petaling	80	67	13	3.4	5.3	1.2
Sabak Bernam	5	4	1	4.5	6.9	1.9
Sepang	17	16	1	4.9	8.6	0.6
Ulu Langat	56	45	11	3.7	5.6	1.6
Ulu Selangor	14	12	2	5.4	8.7	1.7
Terengganu	11	9	2	0.9	1.4	0.3
Besut	2	2	-	1.2	2.4	-
Dungun	1	-	1	0.6	-	1.2
Kemaman	5	4	1	2.2	3.3	0.9
Kuala Terengganu	-	-	-	-	-	-
Marang	2	2	-	1.6	3.1	-
Hulu Terengganu	-	-	-	-	-	-
Setiu	1	1	-	1.6	3.0	-
Kuala Nerus	-	-	-	-	-	-
W.P. Kuala Lumpur	182	132	50	8.8	11.8	5.3
W.P. Labuan	1	1	-	1.0	1.9	-
W.P. Putrajaya	1	-	1	0.8	-	1.6

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, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) Malaysia, 2000-2023

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified) Malaysia, 2000-2023

	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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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	18,525	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	26,108	45.4
	2. Pneumonia	12,423	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>	109,704		Keseluruhan sebab <i>All causes</i>	57,477	

**Jadual 14.1: Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan)
Malaysia, 2000-2023 (samb.)**

Table 14.1: Time series of five principal causes of death (medically certified and non-medically certified)
Malaysia, 2000-2023 (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	19.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	29,910	44.4
	2. Ischaemic heart diseases	21,482	13.6	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	3,061	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	812	1.2
	Keseluruhan sebab <i>All causes</i>	157,636		Keseluruhan sebab <i>All causes</i>	67,295	
2022	1. Ischaemic heart diseases	20,382	16.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,581	44.5
	2. Pneumonia	16,894	13.3	Darah tinggi <i>Hypertension</i>	3,901	4.9
	3. Cerebrovascular diseases	9,168	7.2	Kencing manis <i>Diabetes mellitus</i>	2,603	3.3
	4. COVID-19 infection (due to)	5,314	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,102	2.6
	5. Transport accidents	4,011	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,022	1.3
	Keseluruhan sebab <i>All causes</i>	126,741		Keseluruhan sebab <i>All causes</i>	80,039	
2023	1. Pneumonia	18,181	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32,758	42.4
	2. Ischaemic heart diseases	18,121	15.1	Darah tinggi <i>Hypertension</i>	3,430	4.4
	3. Cerebrovascular diseases	8,657	7.2	Kencing manis <i>Diabetes mellitus</i>	3,397	4.4
	4. Transport accidents	4,244	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,638	3.4
	5. Malignant neoplasm of trachea, bronchus and lung	2,373	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1,048	1.4
	Keseluruhan sebab <i>All causes</i>	119,652		Keseluruhan sebab <i>All causes</i>	77,313	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2000	1. Ischaemic heart diseases	3,047	12.1	Ischaemic heart diseases	1,499	10.7
	2. Transport accidents	2,443	9.7	Cerebrovascular diseases	1,449	10.3
	3. Cerebrovascular diseases	1,788	7.1	Septicaemia	1,129	8.0
	4. Septicaemia	1,612	6.4	Pneumonia	675	4.8
	5. Pneumonia	1,147	4.5	Transport accidents	465	3.3
	Keseluruhan sebab All causes	25,223		Keseluruhan sebab All causes	14,059	
2001	1. Ischaemic heart diseases	3,514	12.4	Cerebrovascular diseases	1,697	10.3
	2. Transport accidents	2,577	9.1	Ischaemic heart diseases	1,693	10.3
	3. Cerebrovascular diseases	1,954	6.9	Septicaemia	1,357	8.3
	4. Septicaemia	1,814	6.4	Pneumonia	882	5.4
	5. Pneumonia	1,492	5.3	Certain conditions originating in the perinatal period	560	3.4
	Keseluruhan sebab All causes	28,413		Keseluruhan sebab All causes	16,407	
2002	1. Ischaemic heart diseases	3,800	12.4	Ischaemic heart diseases	1,974	11.1
	2. Transport accidents	2,760	9.0	Cerebrovascular diseases	1,727	9.7
	3. Cerebrovascular diseases	2,068	6.7	Septicaemia	1,495	8.4
	4. Septicaemia	2,038	6.6	Pneumonia	978	5.5
	5. Pneumonia	1,561	5.1	Transport accidents	505	2.8
	Keseluruhan sebab All causes	30,703		Keseluruhan sebab All causes	17,833	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2003	1. Ischaemic heart diseases	4,002	12.6	Ischaemic heart diseases	1,955	10.6
	2. Transport accidents	3,080	9.7	Septicaemia	1,915	10.4
	3. Septicaemia	2,462	7.7	Cerebrovascular diseases	1,839	10.0
	4. Cerebrovascular diseases	2,135	6.7	Pneumonia	1,079	5.9
	5. Pneumonia	1,639	5.2	Transport accidents	523	2.8
	Keseluruhan sebab All causes	31,802		Keseluruhan sebab All causes	18,376	
2004	1. Ischaemic heart diseases	4,309	13.0	Septicaemia	2,002	10.6
	2. Transport accidents	3,066	9.2	Ischaemic heart diseases	1,958	10.3
	3. Septicaemia	2,476	7.4	Cerebrovascular diseases	1,761	9.3
	4. Cerebrovascular diseases	2,269	6.8	Pneumonia	1,180	6.2
	5. Pneumonia	1,786	5.4	Transport accidents	549	2.9
	Keseluruhan sebab All causes	33,249		Keseluruhan sebab All causes	18,919	
2005	1. Ischaemic heart diseases	4,787	13.9	Ischaemic heart diseases	2,287	11.4
	2. Transport accidents	3,109	9.0	Cerebrovascular diseases	1,885	9.4
	3. Cerebrovascular diseases	2,404	7.0	Septicaemia	1,778	8.8
	4. Septicaemia	2,266	6.6	Pneumonia	1,353	6.7
	5. Pneumonia	1,944	5.6	Transport accidents	612	3.0
	Keseluruhan sebab All causes	34,431		Keseluruhan sebab All causes	20,129	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2009	1. Ischaemic heart diseases	6,411	15.1	Ischaemic heart diseases	2,950	11.8
	2. Transport accidents	3,835	9.0	Pneumonia	2,566	10.3
	3. Pneumonia	3,540	8.3	Cerebrovascular diseases	1,972	7.9
	4. Cerebrovascular diseases	2,539	6.0	Septicaemia	1,812	7.3
	5. Septicaemia	2,405	5.7	Malignant neoplasm of breast	870	3.5
	Keseluruhan sebab All causes	42,516		Keseluruhan sebab All causes	24,972	
2010	1. Ischaemic heart diseases	6,447	14.9	Ischaemic heart diseases	2,924	11.5
	2. Transport accidents	3,934	9.1	Pneumonia	2,624	10.3
	3. Pneumonia	3,880	9.0	Cerebrovascular diseases	2,107	8.3
	4. Cerebrovascular diseases	2,656	6.2	Septicaemia	2,021	8.0
	5. Septicaemia	2,505	5.8	Malignant neoplasm of breast	864	3.4
	Keseluruhan sebab All causes	43,142		Keseluruhan sebab All causes	25,376	
2011	1. Ischaemic heart diseases	6,933	15.6	Pneumonia	3,120	11.8
	2. Pneumonia	4,398	9.9	Ischaemic heart diseases	3,071	11.6
	3. Transport accidents	3,768	8.5	Cerebrovascular diseases	2,218	8.4
	4. Cerebrovascular diseases	2,894	6.5	Septicaemia	1,985	7.5
	5. Septicaemia	2,555	5.8	Malignant neoplasm of breast	905	3.4
	Keseluruhan sebab All causes	44,372		Keseluruhan sebab All causes	26,463	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

Lelaki Male				Perempuan Female		
		Bil. No.	%		Bil. No.	%
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 All causes	44,920		Keseluruhan sebab All causes	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 All causes	46,229		Keseluruhan sebab All causes	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 All causes	47,871		Keseluruhan sebab All causes	29,494	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
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 All causes	49,526		Keseluruhan sebab All causes	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 All causes	52,617		Keseluruhan sebab All causes	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 All causes	59,290		Keseluruhan sebab All causes	38,150	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
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 All causes	70,205		Keseluruhan sebab All causes	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 All causes	65,635		Keseluruhan sebab All causes	43,806	
2020	1. Ischaemic heart diseases	12,716	19.2	Ischaemic heart diseases	5,809	13.4
	2. Pneumonia	7,356	11.1	Pneumonia	5,067	11.7
	3. Cerebrovascular diseases	5,070	7.6	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 All causes	66,320		Keseluruhan sebab All causes	43,384	

Jadual 14.2: Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.2: Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2021	1. COVID-19 infection (due to)	17,708	19.0	COVID-19 infection (due to)	13,355	20.8
	2. Ischaemic heart diseases	14,529	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	6.9
	5. Transport accidents	2,661	2.9	Malignant neoplasm of breast	1,920	3.0
	Keseluruhan sebab All causes	93,294		Keseluruhan sebab All causes	64,342	
2022	1. Ischaemic heart diseases	13,857	18.2	Pneumonia	7,257	14.3
	2. Pneumonia	9,637	12.7	Ischaemic heart diseases	6,525	12.9
	3. Cerebrovascular diseases	5,164	6.8	Cerebrovascular diseases	4,004	7.9
	4. Transport accidents	3,451	4.5	COVID-19 infection (due to)	2,254	4.5
	5. COVID-19 infection (due to)	3,060	4.0	Malignant neoplasm of breast	1,912	3.8
	Keseluruhan sebab All causes	76,094		Keseluruhan sebab All causes	50,647	
2023	1. Ischaemic heart diseases	12,648	17.6	Pneumonia	7,815	16.4
	2. Pneumonia	10,366	14.4	Ischaemic heart diseases	5,473	11.5
	3. Cerebrovascular diseases	4,953	6.9	Cerebrovascular diseases	3,704	7.8
	4. Transport accidents	3,646	5.1	Malignant neoplasm of breast	1,673	3.5
	5. Malignant neoplasm of trachea, bronchus and lung	1,581	2.2	Diabetes mellitus	996	2.1
	Keseluruhan sebab All causes	71,906		Keseluruhan sebab All causes	47,746	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023

	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, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2003	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,270	43.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	16,682	56.8
	2. Lelah Asthma	2,061	6.2	Lelah Asthma	1,277	4.3
	3. Demam Fever	1,024	3.1	Demam Fever	766	2.6
	4. Kencing manis Diabetes mellitus	745	2.2	Kencing manis Diabetes mellitus	629	2.1
	5. Kemalangan pengangkutan - udara, darat dan air Transport accidents - air, land and	731	2.2	Darah tinggi Hypertension	539	1.8
	Keseluruhan sebab All causes	33,185		Keseluruhan sebab All causes	29,381	
2004	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	13,903	43.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	16,746	58.0
	2. Lelah Asthma	2,103	6.5	Lelah Asthma	1,337	4.6
	3. Demam Fever	867	2.7	Kencing manis Diabetes mellitus	651	2.3
	4. Kencing manis Diabetes mellitus	660	2.1	Demam Fever	609	2.1
	5. Penyakit jantung iskemia Ischaemic heart diseases	637	2.0	Darah tinggi Hypertension	530	1.8
	Keseluruhan sebab All causes	32,153		Keseluruhan sebab All causes	28,871	
2005	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,453	45.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	17,336	59.6
	2. Lelah Asthma	2,158	6.8	Lelah Asthma	1,520	5.2
	3. Kencing manis Diabetes mellitus	793	2.5	Kencing manis Diabetes mellitus	810	2.8
	4. Demam Fever	682	2.1	Darah tinggi Hypertension	591	2.0
	5. Darah tinggi Hypertension	661	2.1	Demam Fever	579	2.0
	Keseluruhan sebab All causes	31,792		Keseluruhan sebab All causes	29,084	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2009	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	16,029	47.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,822	61.9
	2. Lelah Asthma	2,054	6.1	Lelah Asthma	1,484	4.9
	3. Kencing manis Diabetes mellitus	988	3.0	Kencing manis Diabetes mellitus	821	2.7
	4. Penyakit serebrovaskular Cerebrovascular diseases	735	2.2	Darah tinggi Hypertension	619	2.0
	5. Darah tinggi Hypertension	645	1.9	Penyakit serebrovaskular Cerebrovascular diseases	573	1.9
	Keseluruhan sebab All causes	33,445		Keseluruhan sebab All causes	30,395	
2010	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	15,735	48.0	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,395	61.9
	2. Lelah Asthma	1,885	5.8	Lelah Asthma	1,303	4.4
	3. Kencing manis Diabetes mellitus	932	2.8	Kencing manis Diabetes mellitus	806	2.7
	4. Darah tinggi Hypertension	769	2.3	Darah tinggi Hypertension	638	2.1
	5. Penyakit serebrovaskular Cerebrovascular diseases	755	2.3	Penyakit serebrovaskular Cerebrovascular diseases	526	1.8
	Keseluruhan sebab All causes	32,763		Keseluruhan sebab All causes	29,697	
2011	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	16,466	48.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	19,374	62.8
	2. Lelah Asthma	1,853	5.5	Lelah Asthma	1,146	3.7
	3. Kencing manis Diabetes mellitus	928	2.7	Kencing manis Diabetes mellitus	781	2.5
	4. Darah tinggi Hypertension	761	2.3	Darah tinggi Hypertension	678	2.2
	5. Penyakit serebrovaskular Cerebrovascular diseases	745	2.2	Penyakit serebrovaskular Cerebrovascular diseases	574	1.9
	Keseluruhan sebab All causes	33,797		Keseluruhan sebab All causes	30,831	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2012	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	17,030	48.7	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,323	63.7
	2. Lelah Asthma	1,857	5.3	Lelah Asthma	1,113	3.5
	3. Kencing manis Diabetes mellitus	1,002	2.9	Kencing manis Diabetes mellitus	863	2.7
	4. Penyakit serebrovaskular Cerebrovascular diseases	904	2.6	Darah tinggi Hypertension	743	2.3
	5. Darah tinggi Hypertension	759	2.2	Penyakit serebrovaskular Cerebrovascular diseases	691	2.2
	Keseluruhan sebab All causes	34,945		Keseluruhan sebab All causes	31,899	
2013	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	16,864	47.2	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,204	62.5
	2. Lelah Asthma	1,703	4.8	Lelah Asthma	1,120	3.5
	3. Kencing manis Diabetes mellitus	1,009	2.8	Kencing manis Diabetes mellitus	860	2.7
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,006	2.8	Darah tinggi Hypertension	747	2.3
	5. Darah tinggi Hypertension	856	2.4	Penyakit serebrovaskular Cerebrovascular diseases	715	2.2
	Keseluruhan sebab All causes	35,712		Keseluruhan sebab All causes	32,343	
2014	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	17,615	45.6	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,450	59.6
	2. Kencing manis Diabetes mellitus	1,108	2.9	Kencing manis Diabetes mellitus	1,053	3.1
	3. Lelah Asthma	1,087	2.8	Darah tinggi Hypertension	817	2.4
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,061	2.7	Penyakit serebrovaskular Cerebrovascular diseases	743	2.2
	5. Darah tinggi Hypertension	938	2.4	Lelah Asthma	641	1.9
	Keseluruhan sebab All causes	38,661		Keseluruhan sebab All causes	34,292	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2015	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	17,483	43.8	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,386	58.0
	2. Kencing manis Diabetes mellitus	1,199	3.0	Kencing manis Diabetes mellitus	1,034	2.9
	3. Penyakit serebrovaskular Cerebrovascular diseases	1,102	2.8	Darah tinggi Hypertension	949	2.7
	4. Darah tinggi Hypertension	1,060	2.7	Penyakit serebrovaskular Cerebrovascular diseases	789	2.2
	5. Penyakit jantung iskemia Ischaemic heart diseases	1,055	2.6	Lelah Asthma	648	1.8
	Keseluruhan sebab All causes	39,923		Keseluruhan sebab All causes	35,172	
2016	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	17,816	43.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	20,636	58.2
	2. Kencing manis Diabetes mellitus	1,243	3.0	Kencing manis Diabetes mellitus	1,043	2.9
	3. Penyakit serebrovaskular Cerebrovascular diseases	1,200	2.9	Darah tinggi Hypertension	980	2.8
	4. Penyakit jantung iskemia Ischaemic heart diseases	1,111	2.7	Penyakit serebrovaskular Cerebrovascular diseases	818	2.3
	5. Darah tinggi Hypertension	1,110	2.7	Barah payudara Breast cancer	635	1.8
	Keseluruhan sebab All causes	41,081		Keseluruhan sebab All causes	35,483	
2017	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	16,200	43.5	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,857	56.3
	2. Kencing manis Diabetes mellitus	1,180	3.2	Kencing manis Diabetes mellitus	1,063	3.2
	3. Darah tinggi Hypertension	1,142	3.1	Darah tinggi Hypertension	1,045	3.1
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,071	2.9	Penyakit serebrovaskular Cerebrovascular diseases	800	2.4
	5. Penyakit jantung iskemia Ischaemic heart diseases	921	2.5	Barah payudara Breast cancer	612	1.8
	Keseluruhan sebab All causes	37,232		Keseluruhan sebab All causes	33,496	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2018	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	11,540	40.1	Sakit tua 65 tahun dan lebih Old age 65 years and over	14,009	54.1
	2. Darah tinggi Hypertension	1,151	4.0	Darah tinggi Hypertension	980	3.8
	3. Kencing manis Diabetes mellitus	1,043	3.6	Kencing manis Diabetes mellitus	846	3.3
	4. Penyakit serebrovaskular Cerebrovascular diseases	851	3.0	Penyakit serebrovaskular Cerebrovascular diseases	632	2.4
	5. Penyakit jantung iskemia Ischaemic heart diseases	708	2.5	Barah payudara Breast cancer	420	1.6
	Keseluruhan sebab All causes	28,744		Keseluruhan sebab All causes	25,900	
2019	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,033	40.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	16,696	54.8
	2. Darah tinggi Hypertension	1,289	3.8	Darah tinggi Hypertension	1,108	3.6
	3. Kencing manis Diabetes mellitus	1,060	3.1	Kencing manis Diabetes mellitus	939	3.1
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,025	3.0	Penyakit serebrovaskular Cerebrovascular diseases	690	2.3
	5. Penyakit jantung iskemia Ischaemic heart diseases	816	2.4	Barah payudara Breast cancer	523	1.7
	Keseluruhan sebab All causes	34,340		Keseluruhan sebab All causes	30,473	
2020	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	11,957	39.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	14,151	52.4
	2. Darah tinggi Hypertension	1,217	4.0	Darah tinggi Hypertension	979	3.6
	3. Kencing manis Diabetes mellitus	986	3.2	Kencing manis Diabetes mellitus	770	2.9
	4. Penyakit serebrovaskular Cerebrovascular diseases	806	2.6	Penyakit serebrovaskular Cerebrovascular diseases	562	2.1
	5. Penyakit jantung iskemia Ischaemic heart diseases	583	1.9	Barah payudara Breast cancer	504	1.9
	Keseluruhan sebab All causes	30,462		Keseluruhan sebab All causes	27,015	

Jadual 14.3: Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023 (samb.)

Table 14.3: Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023 (cont'd)

	Lelaki Male	Bil. No.	%	Perempuan Female	Bil. No.	%
2021	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	13,565	38.9	Sakit tua 65 tahun dan lebih Old age 65 years and over	16,345	50.4
	2. Darah tinggi Hypertension	1,777	5.1	Darah tinggi Hypertension	1,532	4.7
	3. Kencing manis Diabetes mellitus	1,160	3.3	Kencing manis Diabetes mellitus	966	3.0
	4. Penyakit serebrovaskular Cerebrovascular diseases	944	2.7	Penyakit serebrovaskular Cerebrovascular diseases	637	2.0
	5. Penyakit jantung iskemia Ischaemic heart diseases	607	1.7	Barah payudara Breast cancer	588	1.8
	Keseluruhan sebab All causes	34,854		Keseluruhan sebab All causes	32,441	
2022	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	16,117	38.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	19,464	51.1
	2. Darah tinggi Hypertension	2,078	5.0	Darah tinggi Hypertension	1,823	4.8
	3. Kencing manis Diabetes mellitus	1,451	3.5	Kencing manis Diabetes mellitus	1,152	3.0
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,225	2.9	Penyakit serebrovaskular Cerebrovascular diseases	877	2.3
	5. Penyakit jantung iskemia Ischaemic heart diseases	796	1.9	Barah payudara Breast cancer	681	1.8
	Keseluruhan sebab All causes	41,924		Keseluruhan sebab All causes	38,115	
2023	1. Sakit tua 65 tahun dan lebih Old age 65 years and over	14,674	36.3	Sakit tua 65 tahun dan lebih Old age 65 years and over	18,084	49.0
	2. Kencing manis Diabetes mellitus	1,843	4.6	Darah tinggi Hypertension	1,606	4.3
	3. Darah tinggi Hypertension	1,824	4.5	Kencing manis Diabetes mellitus	1,554	4.2
	4. Penyakit serebrovaskular Cerebrovascular diseases	1,534	3.8	Penyakit serebrovaskular Cerebrovascular diseases	1,104	3.0
	5. Penyakit jantung iskemia Ischaemic heart diseases	761	1.9	Barah payudara Breast cancer	760	2.1
	Keseluruhan sebab All causes	40,387		Keseluruhan sebab All causes	36,926	

Jadual 14.4: Siri masa kematian mengikut pengesahan, Malaysia, 2000-2024

Table 14.4: Time series of deaths by certification, Malaysia, 2000-2024

Tahun Year	Disahkan secara perubatan Medically certified	Tidak disahkan secara perubatan Non-medically certified
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	85,637	76,564
2017	97,440	70,728
2018	117,387	54,644
2019	109,441	64,813
2020	109,704	57,477
2021	157,636	67,295
2022	126,741	80,039
2023	119,652	77,313
2024	133,844	65,148

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023

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, 2000-2023 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by *Mortality Tabulation List 2*, ICD-10, Malaysia, 2000-2023 (cont'd)

Tahun/ Year								
2015	2016	2017	2018	2019	2020	2021	2022	2023
-	-	-	-	-	2	-	-	-
239	213	237	304	281	251	247	231	233
24	18	24	35	36	37	39	51	42
578	665	735	669	694	661	648	812	839
202	214	201	206	226	201	192	208	218
-	-	-	-	-	-	-	-	-
4	3	3	2	-	2	2	2	2
1	1	3	3	5	-	2	1	2
5	1	5	9	6	2	2	1	20
2	3	8	6	6	4	-	2	4
3,407	3,582	3,648	4,073	4,173	3,989	4,908	5,008	5,164
2	2	8	7	3	6	6	9	4
-	-	-	-	-	1	-	1	-
-	-	4	10	6	10	16	8	17
-	-	-	-	-	-	-	-	-
309	222	172	140	187	154	35	67	119
1	-	-	1	1	-	-	-	1
200	180	224	214	175	225	214	211	186
348	315	358	312	190	229	315	227	149
9	1	11	8	9	8	9	12	10
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
1,031	1,268	1,279	1,520	1,459	1,546	2,702	2,575	2,249
514	527	664	757	669	720	681	605	611
145	133	162	203	187	184	151	144	159
306	317	364	508	427	456	436	383	420
1,039	1,165	1,511	2,111	1,874	2,210	2,212	1,895	2,070
947	1,002	1,114	1,532	1,391	1,574	1,512	1,394	1,512
378	346	464	563	553	623	611	674	663
60	52	64	96	81	63	50	72	59
1,809	1,850	2,251	2,805	2,606	2,742	2,679	2,649	2,373
44	33	44	43	42	43	38	32	57
1,070	1,251	1,686	1,978	1,871	1,952	1,932	1,924	1,681
267	252	325	404	430	420	420	368	394
165	184	228	271	274	312	276	335	392
273	309	331	448	396	433	401	403	425
221	282	396	478	445	497	510	461	481
118	151	165	180	177	196	216	181	181
149	132	182	296	263	363	371	355	297
436	447	524	561	548	504	532	534	560
76	106	143	112	122	149	130	123	140

Jadual 14.5: Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2 , ICD-10, Malaysia, 2000-2023 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

*Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia,
2000-2023 (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, 2000-2023 (samb.)

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023 (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, 2000-2023 (samb.)**

Table 14.5: Time series of causes of deaths (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia,
2000-2023 (cont'd)

Tahun/ Year								
2015	2016	2017	2018	2019	2020	2021	2022	2023
596	606	623	706	673	718	760	727	698
1,899	2,121	1,789	2,070	1,987	2,056	2,032	1,967	2,785
161	181	194	201	219	217	239	233	210
468	528	1,017	2,917	2,008	2,146	2,792	2,105	1,975
9	15	12	16	24	26	66	51	45
6	-	5	8	5	5	8	1	10
124	109	135	140	127	121	100	91	96
5	4	10	24	11	23	31	31	20
91	73	82	118	91	83	88	107	108
679	787	1,263	2,187	1,526	2,057	2,642	2,135	1,738
11,018	11,310	13,503	18,267	16,336	18,525	21,482	20,382	18,121
3,858	4,000	4,771	5,715	5,226	5,252	6,243	5,782	5,609
5,678	5,876	6,878	9,154	8,699	9,105	10,181	9,168	8,657
18	10	36	17	17	10	10	18	13
636	746	809	876	893	854	834	919	963
17	13	13	20	41	36	3	27	79
10,200	10,678	12,365	13,804	13,384	12,423	17,503	16,894	18,181
7	4	16	17	11	115	78	26	6
1,306	1,583	1,927	3,074	2,314	2,265	2,337	2,332	2,203
3,407	3,629	4,319	4,551	4,262	3,797	4,640	4,134	4,222
258	268	323	386	346	315	377	355	351
1,408	1,414	1,567	1,631	1,604	1,427	1,534	1,553	1,491
624	122	129	148	145	140	131	158	159
13	14	10	22	13	9	12	16	23
73	101	89	66	61	78	72	53	45
36	27	27	28	25	29	41	33	15
1,255	1,247	1,334	1,324	1,208	1,045	1,082	1,110	1,245
953	1,052	1,000	1,183	1,079	957	1,008	989	1,102
4,099	4,565	4,640	4,984	5,381	4,786	6,280	5,955	5,611
8,845	10,368	11,947	13,692	13,076	12,480	13,737	13,551	12,868
4,196	4,640	4,499	4,391	4,201	3,169	3,061	4,011	4,244
83	76	117	217	177	206	227	144	134
412	399	427	423	369	235	104	87	24
3	2	1	12	7	15	6	9	1
50	49	63	57	50	56	26	25	22
31	20	22	30	12	641	1,131	973	1,068
105	97	69	66	49	42	47	47	48
-	-	-	-	-	405	31,063	5,314	415
3,685	3,676	3,871	3,980	3,971	3,066	3,133	3,270	3,313
80,691	85,637	97,440	117,387	109,441	109,704	157,636	126,741	119,652

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2023

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023

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, 2000-2023 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (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, 2000-2023 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (cont'd)*

Tahun/ Year								
2015	2016	2017	2018	2019	2020	2021	2022	2023
101	93	84	51	51	37	61	48	37
7	5	10	9	9	14	9	7	13
50	50	37	49	50	41	50	70	53
1,677	1,635	1,328	1,043	1,079	588	689	902	885
138	143	130	104	122	89	100	134	136
12	19	17	15	21	17	15	28	32
635	734	620	421	534	482	604	691	669
692	798	799	553	718	652	802	928	1,048
31	51	52	37	67	57	86	101	96
216	218	196	146	188	143	186	184	230
76	94	93	76	81	83	99	132	142
80	95	68	47	64	70	72	76	104
110	128	120	99	147	129	177	217	225
558	638	613	421	524	509	591	683	764
181	185	158	102	128	124	155	177	158
5	5	10	9	7	3	3	10	12
106	113	109	86	124	135	178	195	210
26	33	31	17	39	29	51	47	65
155	138	146	83	100	105	132	165	171
113	111	107	59	84	80	87	83	111
806	857	762	582	745	655	764	915	917
1	-	-	1	-	-	-	-	-
6	4	11	5	8	-	-	-	-
13	7	13	2	8	4	5	1	6
2,009	2,090	2,187	2,131	2,397	2,196	3,309	3,901	3,430
2	2	3	2	1	-	-	-	1
-	-	1	-	-	2	-	-	1
16	10	5	4	3	6	3	3	2
469	401	324	175	130	52	30	40	57
2	5	4	2	3	-	-	-	2
6	6	6	2	2	3	1	1	-
12,051	11,469	11,155	10,047	13,010	14,240	16,298	18,750	17,082
57	49	52	32	44	40	48	57	49
33	52	36	32	21	33	15	22	15

Jadual 14.6: Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2023 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (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, 2000-2023 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (cont'd)

Sebab kematian Causes of death	Tahun/ Year		
	2012	2013	2014
35. Kancing gigi/ <i>Tetanus</i>	2	-	2
36. Keadaan tertentu berpunca dalam tempoh perinatal/ <i>Certain conditions originating in the perinatal period</i>	55	67	40
37. Kebakaran/ <i>Burning</i>	11	8	13
38. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ <i>Congenital malformations, deformations and chromosomal abnormalities</i>	129	110	105
39. Kemalangan pengangkutan - udara, darat dan air/ <i>Transport accidents - air, land and water</i>	322	430	310
40. Kematian Ibu Bersalin/ <i>Maternal death</i>	-	-	-
41. Kencing manis/ <i>Diabetes mellitus</i>	1,865	1,869	2,161
42. Keracunan/ <i>Poisoning</i>	12	17	10
43. Kolera/ <i>Cholera</i>	-	-	-
44. Kuman dalam darah/ <i>Septicaemia</i>	125	126	111
45. Lain-lain barah/ <i>Other cancer</i>	1,776	1,870	1,953
46. Lain-lain penyakit/ <i>Other diseases</i>	1,984	2,040	2,185
47. Lain-lain penyakit berjangkit/ <i>Other infectious diseases</i>	90	151	127
48. Lain-lain penyakit berkaitan sistem peredaran darah/ <i>Other disorders of circulatory system</i>	138	134	109
49. Lain-lain penyakit sistem pernafasan/ <i>Other diseases of the respiratory system</i>	251	438	280
50. Mati lemas/ <i>Drowning</i>	108	83	78
51. Meningitis	27	32	28
52. Paru-paru berair/ <i>Pulmonary edema</i>	215	200	188
53. Penyakit hati/ <i>Liver disease</i>	206	181	182
54. Penyakit jangkitan melalui hubungan seksual/ <i>Sexually transmitted disease</i>	1	1	-
55. Penyakit jangkitan usus lain/ <i>Other infection of intestines diseases</i>	2	2	1
56. Penyakit jantung iskemia/ <i>Ischaemic heart diseases</i>	902	1,006	1,046
57. Penyakit lain berkaitan jantung/ <i>Other heart diseases</i>	4,180	4,354	4,631
58. Penyakit serebrovaskular/ <i>Cerebrovascular diseases</i>	1,595	1,721	1,804
59. Radang paru-paru/ <i>Pneumonia</i>	316	241	406
60. Sakit tua 65 tahun dan lebih/ <i>Old age 65 years and over</i>	37,353	37,068	38,065
61. Sebab-sebab kematian berpunca dari faktor luar/ <i>Other external causes</i>	175	151	146
62. Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ <i>Difficulty in breathing [infant death for aged 28-364 days]</i>	29	30	33
63. Tibi/ Batuk kering/ <i>Tuberculosis</i>	294	266	263
64. Ulser perut/ <i>Gastric ulcer</i>	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, 2000-2023 (samb.)*Table 14.6: Time series of causes of death (non-medically certified), Malaysia, 2000-2023 (cont'd)*

Tahun/ Year								
2015	2016	2017	2018	2019	2020	2021	2022	2023
1	-	-	1	1	-	-	-	-
46	45	38	33	30	12	9	15	16
8	4	9	2	5	7	1	-	3
126	112	119	67	96	73	70	113	134
347	299	257	111	132	85	78	99	88
-	-	-	-	-	-	-	-	-
2,233	2,286	2,243	1,889	1,999	1,756	2,126	2,603	3,397
6	5	5	1	4	2	2	3	4
-	-	-	-	-	-	-	-	-
76	93	68	55	80	46	66	91	79
1,948	2,156	1,771	1,355	1,489	1,380	1,611	1,647	1,560
2,314	2,527	2,303	1,826	2,157	1,750	2,115	2,691	2,834
144	167	136	120	135	95	115	131	133
98	94	89	64	71	48	53	73	74
262	613	834	620	278	208	248	297	331
89	74	74	26	44	20	30	17	26
33	31	28	16	14	21	14	24	15
195	176	183	140	131	103	131	144	153
202	209	180	149	157	129	180	208	174
-	-	-	-	-	-	-	1	-
1	2	3	-	2	-	1	-	-
1,367	1,459	1,217	921	1,031	740	812	1,022	1,011
4,492	4,749	4,294	3,178	3,324	2,470	2,978	3,878	4,347
1,891	2,018	1,871	1,483	1,715	1,368	1,581	2,102	2,638
412	328	268	310	411	242	331	471	548
37,869	38,452	35,057	25,549	30,729	26,108	29,910	35,581	32,758
192	119	119	70	78	48	50	66	73
25	21	19	8	4	2	1	5	2
258	271	239	198	176	136	150	181	179
20	16	17	8	11	10	12	8	13
75,095	76,564	70,728	54,644	64,813	57,477	67,295	80,039	77,313

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023

Sebab kematian/ <i>Causes of death</i>	2000		2001	
	Bil. No.	%	Bil. No.	%
1. <i>Certain infectious and parasitic diseases</i>	4,214	10.7	5,002	11.2
2. <i>Neoplasms</i>	4,689	11.9	5,231	11.7
3. <i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	317	0.8	395	0.9
4. <i>Endocrine, nutritional and metabolic diseases</i>	816	2.1	1,093	2.4
5. <i>Mental and behavioural disorders</i>	49	0.1	98	0.2
6. <i>Diseases of the nervous system</i>	703	1.8	732	1.6
7. <i>Diseases of the eye and adnexa</i>	-	-	1	0.0
8. <i>Diseases of the ear and mastoid process</i>	-	-	1	0.0
9. <i>Diseases of the circulatory system</i>	11,336	28.9	12,779	28.5
10. <i>Diseases of the respiratory system</i>	4,621	11.8	5,500	12.3
11. <i>Diseases of the digestive system</i>	1,751	4.5	1,900	4.2
12. <i>Diseases of the skin and subcutaneous tissue</i>	138	0.4	138	0.3
13. <i>Diseases of the musculoskeletal system and connective tissue</i>	133	0.3	153	0.3
14. <i>Diseases of the genitourinary system</i>	1,263	3.2	1,432	3.2
15. <i>Pregnancy, childbirth and the puerperium</i>	124	0.3	147	0.3
16. <i>Certain conditions originating in the perinatal period</i>	1,002	2.6	1,299	2.9
17. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	589	1.5	661	1.5
18. <i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	1,513	3.9	1,861	4.2
19. <i>Injury, poisoning and certain other consequences of external causes</i>	-	-	-	-
20. <i>Codes for special purposes</i>	-	-	-	-
21. <i>External causes of morbidity and mortality</i>	6,024	15.3	6,397	14.3
22. <i>Factors influencing health status and contact with health services</i>	-	-	-	-
Keseluruhan sebab <i>All causes</i>	39,282		44,820	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (cont'd)

Sebab kematian/ <i>Causes of death</i>	2006		2007	
	Bil. No.	%	Bil. No.	%
1. <i>Certain infectious and parasitic diseases</i>	6,352	11.2	6,383	10.6
2. <i>Neoplasms</i>	7,226	12.7	7,921	13.2
3. <i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	527	0.9	633	1.1
4. <i>Endocrine, nutritional and metabolic diseases</i>	1,488	2.6	1,351	2.2
5. <i>Mental and behavioural disorders</i>	46	0.1	41	0.1
6. <i>Diseases of the nervous system</i>	828	1.5	870	1.4
7. <i>Diseases of the eye and adnexa</i>	1	0.0	1	0.0
8. <i>Diseases of the ear and mastoid process</i>	3	0.0	3	0.0
9. <i>Diseases of the circulatory system</i>	16,360	28.8	17,469	29.1
10. <i>Diseases of the respiratory system</i>	7,059	12.4	7,908	13.2
11. <i>Diseases of the digestive system</i>	2,327	4.1	2,428	4.0
12. <i>Diseases of the skin and subcutaneous tissue</i>	348	0.6	367	0.6
13. <i>Diseases of the musculoskeletal system and connective tissue</i>	281	0.5	316	0.5
14. <i>Diseases of the genitourinary system</i>	1,753	3.1	1,988	3.3
15. <i>Pregnancy, childbirth and the puerperium</i>	125	0.2	138	0.2
16. <i>Certain conditions originating in the perinatal period</i>	1,136	2.0	1,227	2.0
17. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	898	1.6	872	1.5
18. <i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	2,152	3.8	2,152	3.6
19. <i>Injury, poisoning and certain other consequences of external causes</i>	-	-	-	-
20. <i>Codes for special purposes</i>	-	-	-	-
21. <i>External causes of morbidity and mortality</i>	7,867	13.9	8,028	13.4
22. <i>Factors influencing health status and contact with health services</i>	-	-	-	-
Keseluruhan sebab <i>All causes</i>	56,777		60,096	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (cont'd)

Sebab kematian/ <i>Causes of death</i>	2012		2013	
	Bil. No.	%	Bil. No.	%
1. <i>Certain infectious and parasitic diseases</i>	7,008	9.8	6,908	9.3
2. <i>Neoplasms</i>	9,717	13.5	10,141	13.7
3. <i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	521	0.7	545	0.7
4. <i>Endocrine, nutritional and metabolic diseases</i>	1,112	1.5	1,064	1.4
5. <i>Mental and behavioural disorders</i>	14	0.0	14	0.0
6. <i>Diseases of the nervous system</i>	971	1.4	1,035	1.4
7. <i>Diseases of the eye and adnexa</i>	1	0.0	1	0.0
8. <i>Diseases of the ear and mastoid process</i>	5	0.0	2	0.0
9. <i>Diseases of the circulatory system</i>	19,985	27.8	20,033	27.0
10. <i>Diseases of the respiratory system</i>	11,890	16.5	13,343	18.0
11. <i>Diseases of the digestive system</i>	2,997	4.2	2,968	4.0
12. <i>Diseases of the skin and subcutaneous tissue</i>	750	1.0	788	1.1
13. <i>Diseases of the musculoskeletal system and connective tissue</i>	544	0.8	537	0.7
14. <i>Diseases of the genitourinary system</i>	2,691	3.7	2,918	3.9
15. <i>Pregnancy, childbirth and the puerperium</i>	122	0.2	108	0.1
16. <i>Certain conditions originating in the perinatal period</i>	1,246	1.7	1,228	1.7
17. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1,008	1.4	985	1.3
18. <i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	2,472	3.4	2,666	3.6
19. <i>Injury, poisoning and certain other consequences of external causes</i>	-	-	-	-
20. <i>Codes for special purposes</i>	-	-	-	-
21. <i>External causes of morbidity and mortality</i>	8,794	12.2	8,863	12.0
22. <i>Factors influencing health status and contact with health services</i>	-	-	-	-
Keseluruhan sebab <i>All causes</i>	71,848		74,147	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (cont'd)

Sebab kematian/ <i>Causes of death</i>	2018		2019	
	Bil. No.	%	Bil. No.	%
1. <i>Certain infectious and parasitic diseases</i>	7,519	6.4	7,457	6.8
2. <i>Neoplasms</i>	16,840	14.3	15,759	14.4
3. <i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	671	0.6	663	0.6
4. <i>Endocrine, nutritional and metabolic diseases</i>	4,252	3.6	3,192	2.9
5. <i>Mental and behavioural disorders</i>	107	0.1	57	0.1
6. <i>Diseases of the nervous system</i>	1,628	1.4	1,540	1.4
7. <i>Diseases of the eye and adnexa</i>	2	0.0	2	0.0
8. <i>Diseases of the ear and mastoid process</i>	11	0.0	11	0.0
9. <i>Diseases of the circulatory system</i>	36,334	31.0	32,788	30.0
10. <i>Diseases of the respiratory system</i>	21,466	18.3	20,012	18.3
11. <i>Diseases of the digestive system</i>	4,261	3.6	4,130	3.8
12. <i>Diseases of the skin and subcutaneous tissue</i>	1,472	1.3	1,534	1.4
13. <i>Diseases of the musculoskeletal system and connective tissue</i>	1,074	0.9	1,074	1.0
14. <i>Diseases of the genitourinary system</i>	4,965	4.2	4,615	4.2
15. <i>Pregnancy, childbirth and the puerperium</i>	118	0.1	103	0.1
16. <i>Certain conditions originating in the perinatal period</i>	1,324	1.1	1,208	1.1
17. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1,183	1.0	1,079	1.0
18. <i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	4,984	4.2	5,381	4.9
19. <i>Injury, poisoning and certain other consequences of external causes</i>	-	-	-	-
20. <i>Codes for special purposes</i>	-	-	-	-
21. <i>External causes of morbidity and mortality</i>	9,176	7.8	8,836	8.1
22. <i>Factors influencing health status and contact with health services</i>	-	-	-	-
Keseluruhan sebab <i>All causes</i>	117,387		109,441	

Jadual 14.7: Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023 (samb.)

Table 14.7: Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023 (cont'd)

2020		2021		2022		2023	
Bil. No.	%	Bil. No.	%	Bil. No.	%	Bil. No.	%
7,328	6.7	9,337	5.9	9,426	7.4	9,259	7.7
16,902	15.4	16,588	10.5	15,933	12.6	16,545	13.8
625	0.6	684	0.4	722	0.6	700	0.6
3,340	3.0	4,293	2.7	3,492	2.8	3,194	2.7
46	0.0	41	0.0	72	0.1	56	0.0
1,477	1.3	1,580	1.0	1,591	1.3	1,611	1.3
2	0.0	7	0.0	6	0.0	5	0.0
9	0.0	7	0.0	10	0.0	15	0.0
35,886	32.7	41,480	26.3	38,511	30.4	35,209	29.4
18,636	17.0	24,561	15.6	23,413	18.5	24,691	20.6
3,836	3.5	4,201	2.7	4,303	3.4	4,162	3.5
1,291	1.2	1,356	0.9	1,448	1.1	1,354	1.1
1,009	0.9	1,129	0.7	1,111	0.9	1,131	0.9
4,577	4.2	5,076	3.2	4,665	3.7	4,408	3.7
117	0.1	128	0.1	104	0.1	85	0.1
1,045	1.0	1,082	0.7	1,110	0.9	1,245	1.0
957	0.9	1,008	0.6	989	0.8	1,102	0.9
4,786	4.4	6,280	4.0	5,955	4.7	5,611	4.7
-	-	-	-	-	-	-	-
405	0.4	31,063	19.7	5,314	4.2	415	0.3
7,430	6.8	7,735	4.9	8,566	6.8	8,854	7.4
-	-	-	-	-	-	-	-
109,704		157,636		126,741		119,652	

Jadual 14.8: Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2023

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2023

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, 2000-2023 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2023 (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, 2000-2023 (samb.)

Jadual 14.8: Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2023 (cont'd)

Tahun/ Year								
2015	2016	2017	2018	2019	2020	2021	2022	2023
514	527	664	757	669	720	681	605	611
2,952	3,123	3,812	5,166	4,645	5,309	5,159	4,730	5,054
1,909	1,958	2,375	2,966	2,808	2,895	2,828	2,824	2,530
15	34	52	97	59	109	111	81	107
93	103	129	137	132	135	120	131	128
165	160	192	237	251	229	194	222	234
1,070	1,251	1,686	1,978	1,871	1,952	1,932	1,924	1,681
726	765	913	1,152	1,130	1,197	1,125	1,140	1,246
254	318	443	533	498	544	573	511	552
272	322	351	421	443	465	453	401	431
156	138	186	303	268	368	387	361	306
150	144	177	238	213	208	238	200	231
1,054	1,202	698	696	617	653	658	632	1,379
1,171	1,218	1,352	1,440	1,412	1,431	1,491	1,464	1,468
11	3	-	1	-	-	-	-	-
6	7	11	11	5	10	8	9	2
66	90	109	114	115	103	106	117	102
552	529	621	593	623	574	524	581	483
11,136	11,892	13,771	16,840	15,759	16,902	16,588	15,933	16,545

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NOTA TEKNIKAL

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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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.

Buat pertama kalinya penerbitan ini menggunakan *International Statistical Classification of Diseases and Related Health Problems, 11th Revision (ICD-11)* yang diterbitkan oleh *World Health Organization (2022)* bagi mengklasifikasikan sebab kematian. Penyusunan statistik ini juga 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)*.

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).

3. LIPUTAN DAN KEKANGAN

3.1 Liputan

3.1.1 Rekod kematian yang diperoleh 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, 11th Revision (ICD-11)*. Senarai kod bagi pengelasan ICD-11 adalah seperti di <https://icd.who.int/en/>.

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-11 bagi *Cardiovascular diseases*, *Cancer*, *Diabetes* dan *Chronic respiratory diseases* adalah seperti berikut:

Bil.	Sebab Kematian	Kod ICD-11
1.	<i>Cardiovascular diseases</i>	CA00 - CA0Z; CA20 - CA2Z; CA60 - CA8Z; CB00 - CB0Z; CB20 - CB2Z; CB40 - CB41; CB60 - CB64; dan CB7Z
2.	<i>Cancer</i>	2A00 - 2F9Z
3.	<i>Diabetes</i>	5A10 - 5A2Y
4.	<i>Chronic respiratory diseases</i>	8B00 - 8B2Z BA00 - BE2Z

- ii. Kadar kematian bunuh diri adalah bilangan bunuh diri bagi setiap 100,000 penduduk. Kod ICD-11 untuk bunuh diri adalah PB80 - PD3Z (*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*

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada } \textit{Diabetes} \text{ yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

xix. Kadar kematian berpunca daripada *Chronic respiratory diseases*

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada } \textit{Chronic respiratory diseases} \text{ yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

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

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TECHNICAL NOTES

PERANGKAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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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, 11th Revision (ICD-11) published by the World Health Organization (2022).

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).

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, 11th Revision (ICD-11). The list of codes for the ICD-11 classification is as on <https://icd.who.int/en/>.

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-11 code for Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases are as below:

No.	Causes of death	ICD-11 code
1.	Cardiovascular diseases	CA00 - CA0Z; CA20 - CA2Z; CA60 - CA8Z; CB00 - CB0Z; CB20 - CB2Z; CB40 - CB41; CB60 - CB64; and CB7Z
2.	Cancer	2A00 - 2F9Z

No.	Causes of death	ICD-11 code
3.	Diabetes	5A10 - 5A2Y
4.	Chronic respiratory diseases	8B00 - 8B2Z BA00 - BE2Z

- ii. Suicide mortality rate is the number of suicide deaths per 100,000 population. The ICD-11 code for suicide are PB80 - PD3Z (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

$$= \frac{\begin{array}{l} \text{Number of deaths of population aged 41–59 years} \\ \text{in year}_t \end{array}}{\text{Number of mid-year population aged 41–59 years in year}_t} \times 1,000$$

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. Wilayah Persekutuan

LAMPIRAN

APPENDICES

PERANGKAAAN SEBAB KEMATIAN, MALAYSIA, 2025

STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2025



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Lampiran A : Senarai tabulasi khusus (ICD-10) bagi sebab kematian yang disahkan secara perubatan

Appendix A : Special tabulation list (ICD-10) for medically certified causes of death

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
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,

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
		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
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

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
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
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,

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-10 <i>ICD-10 code</i>
		H00-H93, K00-K22, K28-K66, K80-K92, L00-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 B : Senarai tabulasi khusus (ICD-11) bagi sebab kematian yang disahkan secara perubatan

Appendix B : Special tabulation list (ICD-11) for medically certified causes of death

Bil.	Sebab kematian Causes of death	Kod ICD-11 ICD-11 code
1	Cholera	1A00
2	Other bacterial intestinal infectious	1A00-1A0Z
3	Bacterial foodborne intoxications	1A10-1A1Z
4	Other and unspecified infectious gastroenteritis and colitis	1A20-1A2Z, 1A30-1A3Z, 1A40
5	Syphilis	1A60-1A6Z
6	Tuberculosis of the respiratory system	1B10
7	Tuberculosis of other organs and systems, sequelae and unspecified	1B10-1B1Z, 1G80
8	Plague	1B93
9	Whooping cough	1C12
10	Tetanus	1C13
11	Diphtheria	1C17
12	Meningococcal disease	1C1C
13	Sepsis not otherwise specified	1G40, 1G41
14	Human immunodeficiency virus disease with tuberculosis	1C60
15	Human immunodeficiency virus disease with malaria	1C61
16	Human immunodeficiency virus disease without mention of tuberculosis or malaria	1C62
17	Poliomyelitis	1C81, 1G83
18	Rabies	1C82
19	Dengue	1D20-1D2Z
20	Yellow fever	1D47
21	Zika virus disease	1D48
22	Other arthropod-borne viral fevers and viral haemorrhagic fevers	1D40-1D4Z, 1D86, 1D61, 1D62.0
23	Ebola disease	1D60.0
24	Influenza	1E30-1E32
25	Acute hepatitis A	1E50.0

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
26	Viral hepatitis B	1E50.1, 1E51.0
27	Viral hepatitis C	1E50.2, 1E51.1
28	Other and unspecified viral hepatitis	1E50.3, 1E50.Z, 1E51.2, 1E51.Z, 1E5Z, 1E50.4, 1E50.Y, 1E51.3, 1E51.Y
29	Measles	1F03
30	Malaria	1F40-1F4Z
31	African trypanosomiasis	1F51
32	Chagas disease	1F53
33	Leishmaniasis	1F54
34	Schistosomiasis	1F86
35	COVID-19	RA01, RA03, RA02
36	Other infectious diseases	1A70-1A7Z, 1A80-1A8Z, 1A90, 1A91, 1A92, 1A93, 1A94, 1A95, 1A9Y, 1A9Z, 1B20, 1B21, 1B2Y, 1B2Z, 1B40-1B5Z, 1B70-1B7Y, 1B90-1B9Z, 1C10-1C4Z, 1D60.1, 1D60.Y, 1D60.Z, 1D62, 1D63, 1D64, 1D65, 1D6Y, 1D6Z, 1D80-1E1Z, 1E70-1E7Z, 1E80-1E8Z, 1E90-1E91.Z, 1F00, 1F01, 1F02, 1F04, 1F05, 1F0Y, 1F0Z, 1F20-1F2Z, 1F50, 1F52, 1F55, 1F56, 1F57, 1F58, 1F5Z, 1F60-1F6Z, 1F70-1F7Z, 1F80- 1F8Z, 1F90, 1F91, 1F9Z, 1G00-1G0Z, 1G2Y, 1G2Z, 1G81, 1G82, 1G85, 1G8Y, 1G84, 1C80-1C8Z, 1D00-1D0Z
37	Neoplasms of brain or central nervous systemd	2A00-2A0Z
38	Myeloid Neoplasms	2A20-2A22, 2A30-2A3Z, 2A40-2A4Z, 2A60
39	Lymphoid Neoplasms	2A70-2A7Z, 2A80-2A8Z, 2A90-2B2Z, 2B30, 2B32
40	Other neoplasms of the haematopoetic and lymphoid tissues	2A61, 2A50-2A5Z, 2B31, 2B33, 2B3Z
41	Malignant neoplasms of lip, oral cavity or pharynx	2B60-2B6Z
42	Malignant neoplasms of oesophagus	2B70
43	Malignant neoplasms of stomach	2B72
44	Malignant neoplasms of large intestine, anus, and anal canal	2C00, 2B90-2B9Y
45	Malignant neoplasms of pancreas	2C10
46	Malignant neoplasms of liver or intrahepatic bile ducts	2C12

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
47	Malignant neoplasms of gall bladder and biliary tract	2C13, 2C14, 2C15, 2C16, 2C17, 2C18
48	Malignant neoplasms of larynx	2C23
49	Malignant neoplasms of bronchus or lung	2C25
50	Malignant neoplasms of skin	2C30-2C3Z
51	Malignant neoplasms of breast	2C60-2C6Z
52	Malignant neoplasms of cervix uteri	2C77
53	Malignant neoplasms of other parts of uterus	2C76, 2C78, 2C72, 2C74
54	Malignant neoplasms of ovary	2C73
55	Malignant neoplasms of prostate	2C82
56	Malignant neoplasms of kidney and renal pelvis	2C90, 2C91
57	Malignant neoplasms of bladder	2C94
58	Malignant neoplasms of ill-defined or unspecified primary sites	2D40-2D4Z
59	Other malignant neoplasms	2B80, 2B81, 2C0Y, 2C0Z, 2C11, 2C1Z, 2C20, 2C21, 2C22, 2C24, 2C26, 2C27, 2C28, 2C29, 2C2Y, 2C2Z, 2C40-2C4Z, 2C50-2C5Z, 2C79, 2C7Y, 2C7Z, 2C92, 2C93, 2C95, 2C9Y, 2C9Z, 2D00-2D0Z, 2D10-2D1Z, 2D3Y, 2D3Z, 2D50, 2D51, 2D52, 2D70-2D7Z, 2D80-2D8Z, 2D90-2D91, 2E00-2E0Y, 2E60-2E6Z, 2C70, 2C71, 2C80, 2C81, 2C83, 2C84, 2C8Z, 2D60-2D6Z
60	Remainder of neoplasms	2E80-2F5Z, 2F70-2F7Z, 2F90-2F9Z
61	Iron deficiency anaemia	3A00
62	Other anaemias	3A00-3A03.Y, 3A10-3A4Z, 3A50, 3A51, 3A60-3A6Z, 3A70, 3A72, 3A73, 3A90, 3A9Y, 3A9Z, 3A71
63	Other diseases of blood or blood forming organs	3A80-3A8Z, 3A92, 3A93, 3A94, 3B10-3B1Z, 3B80-3B8Z, 3C0Y, 3C0Z, 3B20-

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
		3B2Y, 3B50-3B51, 3B60, 3B61, 3B62, 3B63, 3B64, 3B65, 3B6Y, 3B6Z, 3A91,
64	Chapter 4: Diseases of the immune system	4A00.00-4B4Z
65	Diabetes mellitus	5A10-5A2Y
66	Undernutrition	5B50, 5B51, 5B52, 5B53, 5B54, 5B7Z
67	Metabolic disorders	5C50-5D2Z
68	Other endocrine, nutritional or metabolic diseases	5A00-5A0Z, 5A40-5A4Z, 5A50-5A5Z, 5A60-5A6Z, 5A70-5A7Z, 5A80-5A8Z, 5A90-5A9Z, 5B00-5B0Z, 5B10-5B1Y, 5B3Y, 5B3Z, 5B55, 5B56, 5B57, 5B58, 5B59, 5B5A, 5B5B, 5B5C, 5B5D, 5B5E, 5B5F, 5B5G, 5B5H, 5B5J, 5B5K, 5B60-5B6Z, 5B70, 5B71, 5B7Y, 5B80-5C1Z, 5C3Y, 5C3Z, 5D40-5D46
69	Schizophrenia or other primary psychotic disorders	6A20-6A2Z
70	Disorders due to use of alcohol	6C40
71	Disorders due to use of opioids	6C43
72	Disorders due to other substance use	6C40-6C4Z
73	Dementia due to unknown or unspecified cause, and neurocognitive disorders unspecified	6D8Z, 6E0Z
74	Other mental, behavioural or neurodevelopmental disorders	6A00.0-6E8Z
75	Chapter 7: Sleep-wake disorders	7A00- 7B2Z
76	Parkinson disease	8A00.0
77	Alzheimer disease	8A20
78	Lewy body disease	8A22
79	Other disorders with neurocognitive impairment as a major feature	8A21, 8A23, 8A2Y, 8A2Z
80	Multiple sclerosis	8A40
81	Other white matter disorders	8A40-8A4Z
82	Intracranial haemorrhage	8B00-8B0Z
83	Cerebral ischaemia	8B10-8B1Z

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
84	Stroke not known if ischaemic or haemorrhagic	8B20
85	Other cerebrovascular diseases	8B21, 8B22, 8B23, 8B24, 8B25, 8B26, 8B2Z
86	Other diseases of the nervous system	8A00.10- 8E7Z
87	Chapter 9: Diseases of the visual system	9A00.0- 9E1Z
88	Chapter 10: Diseases of the ear or mastoid process	AA00-AC0Z
89	Hypertensive heart disease	BA01
90	Hypertensive renal disease	BA02
91	Other hypertensive diseases	BA00, BA03, BA04
92	Ischaemic heart diseases	BA40-BA6Z
93	Pulmonary thromboembolism	BB00
94	Heart valve diseases	BB60-BC0Z, BC20.0
95	Heart failure	BD10-BD1Z
96	Other diseases of the circulatory system	BA20-BA2Z, BB00-BB0Z, BB20-BB2Z, BB40-BB4Z, BC40-BC4Z, BC60-BC9Z, BD30-BD5Z, BD70-BD7Z, BD90-BD9Z, BE10-BE1F.1, BE2Y, BE2Z, BA81-BA8Z, BC20.1, BC20.Y, BC20.Z
97	Chronic obstructive pulmonary disease	CA22
98	Other chronic lower respiratory diseases	CA20-CA2Z
99	Asthma	CA23
100	Pneumonia	CA40
101	Other acute lower respiratory infections	CA40-CA4Z
102	Lung diseases due to external agents	CA60-CA8Z
103	Other diseases of the respiratory system	CA00-CA0Z, CB00-CB0Z, CB20-CB2Z, CB40, CB41, CB60-CB64, CB7Z
104	Ulcer of stomach or duodenum	DA60-DA63.Z
105	Alcoholic liver disease	DB94
106	Other diseases of liver	DB90-DB9Z
107	Diseases of gallbladder or biliary tract	DC10-DC1Z
108	Diseases of pancreas	DC30-DC3Z
109	Inflammatory bowel diseases	DD70-DD7Z

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
110	<i>Other diseases of the digestive system</i>	DA00-DA0Z, DA40-DA4Y, DA20-DA2Z, DA50-DA5Y, DA90-DA9Z, DB10-DB1Z, DB30-DB3Z, DB50-DB7Z, DC50-DC5Z, DC70-DD1Z, DD30-DD3Z, DD50-DD5Z, DD90-DD9Z, DE10-DE13, DE2Y, DE2Z
111	<i>Diseases of the skin and subcutaneous tissue</i>	EA00-EM0Z
112	<i>Diseases of the musculoskeletal system or connective tissue</i>	FA00- FC0Z
113	<i>Glomerular diseases</i>	GB40-GB4Z
114	<i>Kidney failure</i>	GB60-GB6Z
115	<i>Other diseases of the genitourinary system</i>	GA00-GA6Z, GA80-GB0Z, GB20-GB2Z, GB50-GB5Z, GB70-GB7Z, GB80-GB8Z, GB90, GC00-GC0Y, GC40-GC51.Z, GC70-GC7B, GC8Y, GC8Z
116	<i>Conditions related to sexual health</i>	HA00.0- HA8Z
117	<i>Abortive outcome of pregnancy</i>	JA00-JA0Z
118	<i>Oedema, proteinuria, or hypertensive disorders in pregnancy, childbirth, or the puerperium</i>	JA20-JA2Z
119	<i>Obstetric haemorrhage</i>	JA40-JA4Z
120	<i>Obstructed labour</i>	JB04, JB05, JB06
121	<i>Infections in the puerperium</i>	JB40, 1C14
122	<i>Maternal infectious diseases complicating pregnancy, childbirth and the puerperium</i>	JB63
123	<i>Certain maternal diseases classifiable elsewhere but complicating pregnancy, childbirth or the puerperium</i>	JB64
124	<i>Obstetric death of unspecified cause</i>	JB60
125	<i>Death from obstetric cause occurring more than 42 days but < 1 year after delivery</i>	JB61
126	<i>Death from sequelae of obstetric causes</i>	JB62
127	<i>Other complications of pregnancy, childbirth or the puerperium</i>	JA80-JA8Z, JA60-JA6Z, JB00-JB0Z, JB20-JB2Z, JB40-JB4Z, 2C75

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
128	Disorders of newborn related to slow fetal growth or malnutrition, and short gestation or low birth weight, not elsewhere classified	KA20, KA21
129	Birth injury	KA40-KA4Z
130	Infections of the fetus or newborn	KA60-KA6Z, EH10-EH1Z, 1C15, EH3Y
131	Respiratory disorders specific to the perinatal or neonatal period	KB20-KB2Z, KB04
132	Cardiovascular disorders present in the perinatal or neonatal period	KB40-KB4Z
133	Other conditions originating in the perinatal period	KA00-KA0Z, KA22, KA2Y, KA2Z, KA80-KA8Z, KB00-KB0Z, KB60-KB6Z, KB80-KB8Z, KC00-KC0Z, KC20-KC9Z, KD10-KD1Z, KD30-KD3Y
134	Structural developmental anomaly of heart or great vessels	LA80-LA8Z
135	Chromosomal anomalies, excluding gene mutations	LD40-LD7Z
136	Structural developmental anomalies of the nervous system	LA00-LA0Z
137	Other developmental anomalies	LA10-LA1Z, LA20-LA2Z, LA30-LA5Z, LA60-LA6Z, LA70-LA7Z, LB00-LB0Z, LB10-LB1Z, LB20-LB2Z, LB30-LB3Z, LB40-LB4Z, LB50-LB5Z, LB60-LB6Z, LA90, LB70-LB9Z, LC00-LC7Z, LC80-LC8Z, LD20-LD2Z, LD90
138	Ageing associated decline in intrinsic capacity	MG2A
139	Sudden infant death syndrome	MH11
140	Unknown cause	MH12, MH13, MH14
141	Other symptoms, signs or clinical findings, not elsewhere classified	MA00-MH2Y
142	Unintentional land transport road traffic injury events	PA00-PA0Z
143	Other unintentional transport injury events	PA00-PA5Z

Bil.	Sebab kematian <i>Causes of death</i>	Kod ICD-11 <i>ICD-11 code</i>
144	Unintentional falls	PA60-PA6Z
145	Unintentional immersion, submersion or falling into water	PA90-PA9Z
146	Unintentional threat to breathing	PB00-PB0Z
147	Unintentional exposure to fire and other sources of heat	PB10, PB11, PB12, PB13, PB14, PB15
148	Unintentional exposure to or harmful effects of drugs, medicaments or biological substances	PB20-PB29
149	Unintentional exposure to or harmful effects of substances chiefly nonmedicinal as to source	PB30-PB36
150	Other unintentional causes	PB16, PA70-PA7Z, PA80-PA8Z, PB1Y, PB1Z, PB50-PB5B, PB6Y, PB6Z
151	Intentional self-harm	PB80-PD3Z
152	Assault by projectile from firearm	PE20
153	Other types of assault	PD50-PF2Z
154	Events of undetermined intent	PF40-PH8Z
155	Exposure to extreme forces of nature	PJ00-PJ0Z
156	Armed conflict	PJ60-PK6Z
157	Legal intervention	PJ40-PJ4Z
158	Other external causes of morbidity and mortality	PJ20-PJ2Z, PK80-PL14.Z, PL2Y, PL2Z

Lampiran C : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan mengikut bab

Appendic C : Special tabulation list for medically certified causes of death by chapter

Bil.	Sebab kematian <i>Causes of death</i>	Kod kumpulan utama <i>Main group code</i>
1	<i>Certain infectious or parasitic diseases</i>	1A00 - 1G0Z
2	<i>Neoplasms</i>	2A00 - 2F9Z
3	<i>Diseases of the blood or blood-forming organs</i>	3A00 - 3B8Z
4	<i>Diseases of the immune system</i>	4A00 - 4B2Y
5	<i>Endocrine, nutritional or metabolic diseases</i>	5A00 - 5D46
6	<i>Mental, behavioural or neurodevelopmental disorders</i>	6A00 - 6E6Z
7	<i>Sleep-wake disorders</i>	7A00 - 7B0Z
8	<i>Diseases of the nervous system</i>	8A00 - 8E66
9	<i>Diseases of the visual system</i>	9A00 - 9D9Z
10	<i>Diseases of the ear or mastoid process</i>	AA00 - AB93
11	<i>Diseases of the circulatory system</i>	BA00 - BE1F
12	<i>Diseases of the respiratory system</i>	CA00 - CB64
13	<i>Diseases of the digestive system</i>	DA00 - DE13
14	<i>Diseases of the skin</i>	EA00 - EL73
15	<i>Diseases of the musculoskeletal system or connective tissue</i>	FA00 - FB8Z
16	<i>Diseases of the genitourinary system</i>	GA00 - GC7C
17	<i>Pregnancy, childbirth or the puerperium</i>	JA00 - JB6Z
18	<i>Certain conditions originating in the perinatal period</i>	KA00 - KD3Y
19	<i>Developmental anomalies</i>	LA00 - LD5Z
20	<i>Symptoms, signs or clinical findings, not elsewhere classified</i>	MA00 - MH15
21	<i>External causes of morbidity or mortality</i>	PA00 - PL02
22	<i>Codes for special purposes</i>	RA00 - RA26

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
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

**PERTANYAAN BERHUBUNG DENGAN PENERBITAN INI BOLEH JUGA DIBUAT DI PEJABAT
PERANGKAAAN NEGERI SEPERTI BERIKUT:**

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Johor, Tingkat
14, Menara Tabung Haji,
Jalan Air Molek,
80000 Johor Bahru, Johor. Tel. :
07-225 3700
Faks : 07-224 9972
Emel : jpjohor@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Kedah, Aras 1,
Zon C, Wisma Persekutuan,
Pusat Pentadbiran Kerajaan Persekutuan,
Bandar Muadzam Shah,
06550 Anak Bukit, Alor Setar, Kedah. Tel. : 04-
700 1240
Faks : 04-733 8412
Emel : jkedah@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Kelantan, Tingkat 8,
Bangunan Persekutuan,
Jalan Bayam,
15514 Kota Bharu, Kelantan. Tel. :
09-741 9449
Faks : 09-748 2142
Emel : jkelantan@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Melaka, Aras 7 &
8, Wisma Persekutuan,
Jalan MITC, Hang Tuah Jaya,
75450, Ayer Keroh, Melaka. Tel. :
06-252 2725
Faks : 06-252 2711
Emel : jmelaka@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Sembilan, Tingkat 12,
Wisma Persekutuan,
Jalan Dato' Abdul Kadir,
70000 Seremban, Negeri Sembilan. Tel. : 06-
765 5000
Faks : 06-765 5002
Emel : jnsembilan@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Pahang,
Tingkat 7, Bangunan Persekutuan, Jalan
Gambut,
25000 Kuantan, Pahang. Tel. :
09-516 3931/7
Faks : 09-514 4636
Emel : jppahang@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Pulau Pinang,
Tingkat 6, Bangunan Persekutuan,
10400 Jalan Anson, Pulau Pinang. Tel. : 04-
226 6244
Faks : 04-229 9499
Emel : jppulaupinang@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Perak,
Tingkat 3, Blok A,
Bangunan Persekutuan Ipoh,
Jalan Dato' Seri Ahmad Said (Greentown),
30450 Ipoh, Perak.
Tel. : 05-255 4963
Faks : 05-255 1073
Emel : jpperak@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Perlis,
26B, Aras 2, KPARC,
01000 Kangar, Perlis.
Tel. : 04-977 1221
Faks : 04-977 1223/04-976 8950
Emel : jpperlis@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Selangor,
Tingkat 9, Bangunan Darul Ehsan,
Jalan Indah, Seksyen 14,
40000 Shah Alam, Selangor. Tel.
: 03-5515 0200
Faks : 03-5518 0408
Emel : jpselangor@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Terengganu, Tingkat
9, Wisma Persekutuan,
Jalan Sultan Ismail,
20200 Kuala Terengganu, Terengganu. Tel. :
09-622 3062
Faks : 09-622 9659
Emel : admin_jptrg@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Sabah,
Tingkat 1-3, Blok C,
Kompleks Pentadbiran Kerajaan Persekutuan Sabah,
Jalan UMS, Beg Berkunci No. 2046,
88999 Kota Kinabalu, Sabah. Tel.
: 088-484 602
Faks : 088-484 659
Emel : jpsabah@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Negeri Sarawak,
Tingkat 7 & 8, Bangunan Tun Datuk Patinggi Tuanku Haji
Bujang, Jalan Simpang Tiga,
93514 Kuching, Sarawak. Tel.
: 082-240 287
Faks : 082-242 609
Emel : Sarawak@dosm.gov.my

Pengarah,
Jabatan Perangkaan Malaysia, Wilayah Persekutuan,
Tingkat 14 & 15, Wisma FGV,
Jalan Raja Laut,
50350 Kuala Lumpur.
Tel. : 03-2267 2400
Faks : 03-2691 0639
Emel : jpwpl@dosm.gov.my

ENQUIRIES ABOUT THIS PUBLICATION CAN BE MADE AT THE FOLLOWING STATE STATISTICS OFFICES:

Director,
Department of Statistics, Malaysia, Johor,
14th Floor, Menara Tabung Haji, Jalan Air
Molek,
80000 Johor Bahru, Johor.
Tel. : 07-225 3700
Fax : 07-224 9972
Email : jpjohor@dosm.gov.my

Director,
Department of Statistics, Malaysia, Kedah,
1st Floor, Zon C, Wisma Persekutuan,
Pusat Pentadbiran Kerajaan Persekutuan, Bandar
Muadzam Shah,
06550 Anak Bukit, Alor Setar, Kedah.
Tel. : 04-700 1240
Fax : 04-733 8412
Email : jpkedah@dosm.gov.my

Director,
Department of Statistics, Malaysia, Kelantan,
8th Floor, Bangunan Persekutuan, Jalan
Bayam,
15514 Kota Bharu, Kelantan
Tel. : 09-741 9449
Fax : 09-748 2142
Email : jpkelantan@dosm.gov.my

Director,
Department of Statistics, Malaysia, Melaka,
7th & 8th Floor, Wisma Persekutuan, Jalan
MITC, Hang Tuah Jaya,
75450, Ayer Keroh, Melaka.
Tel. : 06-252 2725
Fax : 06-252 2711
Email : jpmelaka@dosm.gov.my

Director,
Department of Statistics, Malaysia, Negeri Sembilan,
12th Floor, Wisma Persekutuan, Jalan
Dato' Abdul Kadir,
70000 Seremban, Negeri Sembilan.
Tel. : 06-765 5000
Fax : 06-765 5002
Email : jpnsembilan@dosm.gov.my

Director,
Department of Statistics, Malaysia, Pahang,
7th Floor, Bangunan Persekutuan, Jalan
Gambut,
25000 Kuantan, Pahang.
Tel. : 09-516 3931/7
Fax : 09-514 4636
Email : jppahang@dosm.gov.my

Director,
Department of Statistics, Malaysia, Pulau Pinang,
6th Floor, Bangunan Persekutuan,
10400 Jalan Anson, Pulau Pinang.
Tel. : 04-226 6244
Fax : 04-229 9499
Email : jppulaupinang@dosm.gov.my

Director,
Department of Statistics, Malaysia, Perak,
3rd Floor, Block A,
Bangunan Persekutuan Ipoh,
Jalan Dato' Seri Ahmad Said (Greentown),
30450 Ipoh, Perak. Tel. :
05-255 4963
Fax : 05-255 1073
Email : jpperak@dosm.gov.my

Director,
Department of Statistics, Malaysia, Perlis, 26B, Aras 26B, Aras 2,
KPARC,
01000 Kangar, Perlis.
Tel. : 04-977 1221
Fax : 04-977 1223/04-976 8950
Email : jpperlis@dosm.gov.my

Director,
Department of Statistics, Malaysia, Selangor,
9th Floor, Bangunan Darul Ehsan, Jalan
Indah, Seksyen 14,
40000 Shah Alam, Selangor.
Tel. : 03-5515 0200
Fax : 03-5518 0408
Email : jpselangor@dosm.gov.my

Director,
Department of Statistics, Malaysia, Terengganu,
9th Floor, Wisma Persekutuan, Jalan
Sultan Ismail,
20200 Kuala Terengganu, Terengganu.
Tel. : 09-622 3062
Fax : 09-622 9659
Email : admin_jptrg@dosm.gov.my

Director,
Department of Statistics, Malaysia, Sabah, Level 1-3,
Block C,
Kompleks Pentadbiran Kerajaan Persekutuan Sabah,
Jalan UMS, Beg Berkunci No. 2046,
88999 Kota Kinabalu, Sabah. Tel. :
088-484 602
Fax : 088-484 659
Email : jpsabah@dosm.gov.my

Director,
Department of Statistics, Malaysia, Sarawak,
7th & 8th Floor, Bangunan Tun Datuk Patinggi
Tuanku Haji Bujang, Jalan Simpang Tiga,
93514 Kuching, Sarawak. Tel. :
082-240 287
Fax : 082-242 609
Email : Sarawak@dosm.gov.my

Director,
Department of Statistics, Malaysia, Wilayah Persekutuan,
14th & 15th Floor, Wisma FGV, Jalan
Raja Laut,
50350 Kuala Lumpur. Tel.:
03-2267 2400
Fax : 03-2691 0639
Email : jpwpl@dosm.gov.my